Minisiteri y’Ibidukikije

KUBAKA UBUSHOBOZI BW'ABATURAGE BATISHOBOYE BWO GUHANGANA N'IHINDAGURIKA RY'IBIHE MU RWANDA MU BICE BIKIKIJE ISUNZU RYA CONGO NILI BINYUZE MU KUBUNGABUNGA AMASHYAMBA N'UBUTAKA

Umugereka wa 6: Gahunda yo kubungabunga ibidukikije n’imibereho myiza (ESMF)

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Imbonerahamwe y’ibirimo

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ISOBANURAMPAMVU

Iyi nyandiko yerekana imiterere ya gahunda y'imicungire y'ibidukikije n'imibereho myiza y'abaturange yagenwe n'umushinga w'ikigega cyo kubungabunga imihindagurikire y'ikirere (GCF) ugamije kongera gutera amashyamba ku gice cy'ubutaka bw'u Rwanda cya Congo-Nile mu rwego rwo kongerera ubushobozi bwo guhangana n'ihindagurika ry'ikirere. Intumbero ni uguhindura ubutaka nkene butwarwa n'amazi mu gice cy'uburengerazuba bw'u Rwanda budatanda imibereho irambye kuvamo ubutaka buhangana n'ihindagurika ry'ikirere butanga urusobe rw'ibinyabuzima bunanatuma aborozi bato bakomeza kubaho.

Minisiteri y'ibidukikije (MoE) yahawe ububasha n'ikigega cyo kubungabunga ihindagurika ry'ikirere zo gushyira mu bikorwa ibikorwa byose by'ibidukikije n'imibereho myiza y'abaturage byatewe inkunga biri mu kiciro cya B na C biri mu kaga. Minisiteri y'ibidukikije (MoE) n'abafatanyabikorwa bayo (WCS,REMA) bagenzuye ibyago ku bidukikije n'imibereho y'abaturage, bagendeye ku bisabwa n'ikigega kibungabunga imihindagurikire y'ikirere (GCF) binyuze mu kureba ibipimo by'imibereho myiza n'ibidukikije harimo n'urutonde rwifashishwa na (GCF)mu gusuzuma ibikorwa biri mu kaga. Mu bice byose by'umushinga, gutanga inyungu zitangana mu byiciro cyose by'ubudehe C, D na E. uko kutanganya ubushobozi bishobora kongera gushora abantu ku ihohoterwa eishingiye ku gitsina, gukoreshwa mu nyungu z'abandi no gutotezwa, icyago cyagira ingaruka mbi ku bice byose by'umushinga mu gihe kidakumiriwe. Umushinga urashobora guteza ibibazo by'imibereho harimo gutakaza uburenganzira ku butaka bitewe n'ibyiciro bishya by'ubutaka cyangwa gushyira mu bikorwa cyane amategeko agenga imikoreshereze y'ubutaka na parike, kwimura ababa mu butaka butemewe kubera gutera amashyamba / gutera amashyamba, no gutakaza ubutaka bwo kubyaza umusaruro ibiribwa.

Ubushobozi bw'ubwoko butera bukwirakwira mu gutera amashyamba, gukoresha amazi mu gihe cyo kongera umusaruro w'ingemwe muri pepiniyeri, gutegura neza ubutaka bwo ku nkengero, gutakaza ubutaka kubera isuri mu gihe cyo gutera, guhungabanya inyamaswa mu gihe cyo gutera amashyamba cyangwa gutera amashyamba, guhindura imigezi y'amazi n'ubutaka bwo hejuru. bishobora kongera kwandura indwara, kongera imikoranire y'abantu n'ibinyabuzima hamwe no kongera ibiti n'ibiti byera imbuto, ingaruka z'ikirere zituruka ku mwuka w'igikoni ku rugero n'uruhererekane rw'ibikorwa by'umusaruro biterwa n'imibereho byose bifitanye isano n'ingaruka z'ibidukikije n'imibereho kugira ngo bigenzurwe neza nk'ahantu runaka n'abagenerwabikorwa bamenyekanye.

Umushinga ubanza gusuzumwa niba wagira ingaruka zifatika ku bidukikije no ku mibereho bihwanye n'ibyo mu cyiciro cya B cy'ikigega gishinzwe kubungabunga imihindagurikire y'ikirere (GCF) ((https://www.greenclimate.fund/documents/screening-categorizing-activities).

Ibyago n'ingaruka bifatwa nk'ibisanzwe kandi bigarukira, kandi ingano y'ibyago n'ingaruka ziteganijwe byari bike kugeza kuri. Ibyago n'ingaruka ziteganijwe nazo ni mbarwa mu mubare kandi bigaragara ko zikubiye mu gice cy'umushinga (CND) hamwe n'ahantu bizashyirirwa mu bikorwa byose.

Ingaruka mbi zose byateza zigomba gutahurwa bigahindurwa and zikagabanywa hifashishisjwe ingamba zo kugabanya mu ri

rusange. By'umwihariko, izi ngamba zo kugabanyaa zirimo uruhare rw'abafatanyabikorwa mu kugena isaranganya ry'inyungu no kugena igabanywa rikenewe kugira ngo habeho imipaka, inzira isobanutse n'ubugenzuzi kugira ngo hubahirizwe byimazeyo amategeko y'umurimo n'umutekano mu gihugu harimo n'ihohoterwa rishingiye ku gitsina, gukoreshwa, no guhozwa ku nkeke, n'amahugurwa ku moko atera kugira ngo agabanye ikwirakwizwa ry'ibitero. cyangwa ibindi byonnyi n'udukoko mugihe cy'amashyamba.Intambwe zo kugabanya zizaba zirimo no gushyiraho urwego rw'umushinga GRM n'itumanaho rinoze hamwe n'abafatanyabikorwa bose hamwe n'abagenerwabikorwa b'umushinga uburyo bwo kugera kuri sisitemu no gutanga ikirego nk'uko bikenewe.Ibyo byavuzwe, ingaruka zihariye zishobora kugaragara mugihe cyo gushyira mu bikorwa umushinga mu gihe amasite n'ibisobanuro byihariye byemejwe. Kubera iyo mpamvu, iyi nyandiko ni ESMF kuri AE kugirango iyobore isuzuma rya nyuma ry'ingaruka ku bidukikije n'imibereho. Nyuma yo gutanga incamake y'umushinga n'uburyo bw'ibanze mu gice cya 2, Igice cya 3 cyerekana politiki n'amategeko ngengamikorere bijyanye n'u Rwanda kandi bikagaragaza icyuho n'ingaruka umushinga uhuza kandi ukemeza ko hubahirizwa ingamba z'ibidukikije n'ibidukikije bya GCF hamwe na politiki n'aho byagenze neza ku isi hose.

Igice cya 4 kirakomeza kivuga ku bashoferi batewe n'amashyamba n'imiterere y'imiterere bijyanye n'ingaruka zishobora guterwa n'umushinga, hanyuma ugasobanura ibibazo n'ingaruka zishobora guterwa n'abafatanyabikorwa mu gihe cyo kugisha inama mu gice cya 5. Ibintu bishobora kubangamira ibidukikije n'imibereho bizwi muri iki cyiciro cy'imigambi bitangwa mu gice 6 hamwe n'ibisabwa bishobora kugabanywa. Igice cya 7 cyerekana uburyo bwo gucunga ibidukikije n'imibereho myiza izatanga uburyo bwa ESIA / ESMP burambuye buzategurwa nyuma uko ibikorwa byinshi by'umushinga / ibikorwabito bito bizasobanurwa neza mugihe cyo gushyira mu bikorwa umushinga binyuze muburyo bwo kugisha inama ndetse no guhuza inzego zitandukanye za Leta n'abandi bafatanyabikorwa. Igice cya 8 kivuga ibikorwa bito by'ushinga bigomba kugenzurwa mu ishyirwa mubikorwa ry'umushinga. Igice cya 9 gitanga ibisobanuro birambuye kubyerekeye umushinga wose w'ibisubizo by'ibidukikije n'imibereho, byerekana muri make ingaruka z'ibidukikije n'imibereho ndetse n'ingamba zifatika zo kugabanya ingaruka. Igice cya 10 kirambuye uburyo buteganijwe bwo gusuzuma buzakorwa na PMU mugihe cyo gushyira mu bikorwa umushinga nkuko imishinga isobanuwe neza hamwe n'ahantu hagenewe guhitamo. Igice cya 11 gitanga incamake ngufi yo gukurikirana no gusuzuma mu kugenzura iki gikorwa. Igice cya 12 gitanga incamake ya gahunda y'amasezerano n'abafatanyabikorwa birambuye ku mugereka wa 7 w'icyifuzo. Igice cya 13 n'igikorwa cyambere cyo kwerekana imibereho n'ibidukikije cyashyikirijwe GCF kivuga umushinga wo mu kiciro B. Igice cya 14 gitanga ubuyobozi ku mahugurwa yitabiriye azakemura ibibazo byugarije imbogamizi n'inyungu zitangwa n'umushinga.

1. INTANGIRIRO

TIntego y'umushinga ku kongerera ubushobozi imiryango yazahajwe n'ihindaguriika ry'ikirere ku isunzu rya kerete Congo nile binyuze mu gutera amashyamba no gutunganya ubutaka itegenya ko niba ubutaka bwo ku isunzu rya kerete Congo nile (CND) ku mashyamba ya kimeza n'inzuri zihegereye biramutse bicunzwe neza mu guhangana n'imihinagurikire y'ikirere icyo gihe isunzu rya kerete congo nile rizagira uguhuza no gufashanya ku isi, ubutaka bukungahaye amashyamba ya kimeza ahantu harambye ku nzuri z'ubworozi: bitanga ikizere kuri gahunda z'ubuzima bw'urusobe rw'ibnyabuzima no guhindura imibereho y'abaturage bari mu kaga ndetse n'igihugu muri rusange no gutanga umusanzu ukomeye mu kubungabunga urusobe rw'ibinyabuzima, ubukungu bw'igihugu, no kugabanya ibyuka bihumanya ikirere(GHGs) kuberako kongerera ubushobozi n'imicungire y'amashyamba ahangana n'imihindagurikire y'ikirere ndetse n'ubworozi bizatanga ikizere ko amashyamba kimeza bihangana n'ihindagukira ry'ikirere rizana amapfa, imyuzure, no gutenguka k'ubutaka aribyo bibangamira imibereho bikanatera ingaruka ku bikomoka ku mashyamba.

Umushinga ufite uzibanda ku bintu bitatu by'ingenzi ureba abibasirwa n'imihindagurikire y'ikirere. Igice cya (1) Gushyiraho uburyo bwo kwifata igihe gabaye ihindagurika ry'ikirere mu buryo bwo guhuza no gutegura ubutaka biganisha ku bushobozi ku rusobe rw'ibinyabuzima n'abaturiye icyaro , hongerwamo imbaraga mu mikoranire y'inzego n'ibigoma kwitabwa ho mu guhangana n'imihindagurikire y'ikirere bigashyirwa mu igenamigambi no gukurikiranwa.Igice cy (2)Amashyamba n'imicungire y'ubutaka no kongera gutera andi mashyamba bizashyira mu bikorwa ubufsha bwagenwe buhuriza hamwe kongera ubumenyi ku mihindagurikire y'ikirere n'imicungire, politiki n'igenamigambi rya pariki y'ishyamba rya kimeza, no kugarura igice cyononekaye muri izo pariki, aho bizakurikirwa n'ibikorwa byo gutahura uduce two hanze yap ariki, dusubizwa uko twahoze, ku nkengere z'ibishanga n'imigezi hagamijwe kurinda no kongera kubaka bisa nk'ibuye "fatizo" binahuzwa n'imirongo y'igihe kirambye ku mihindagurikire y'ikirere. Igice cy (3) kizibanda k'uko abantu bakwitwara mu ihindagurika ry'ikirere binyuze mu bikorwa bizerekana, bikorohereza, bigafasha ibikorwa mu kugarura gahunda z'urusobe rw'ibinyabuzima, inyungu ituruka ku kamaro k'ishyamba, binatanga ubworozi bubyara inyungu bikagabanya konona amashyamba. Imicungire y'umushinga, gusuzuma no kugenzura, bizagaragaramo ibikorwa bibungabunga ibidukikije n'imibereho myiza muri uyu mushinga.

U Rwanda rufite urwego rwuzuye kandi rugenga rutera imbere kandi rwashyizeho ibigo bikora mu nzego zinyuranye kugira ngo byunganire ishyirwa mu bikorwa ry'uyu mushinga, cyane cyane Minisiteri y'ibidukikije (MoE) ikaba ari nacyo kigo cyemewe hamwe n'ikigo cy'amashyamba mu Rwanda (RFA), nk'ikigo kibishyira mu bikorwa . Aya matsinda azashyigikirwa na komite nyobozi y'igihugu. Muri rusange uyu mushinga ushimangira akamaro ko kuzanamo abafatanyabikorwa benshi kandi washyizeho uburyo burimo inama zisanzwe zitegura mu nzego zitandukanye n'inama zihuriweho n'abafatanyabikorwa (JADF), hamwe n'inama ngishwanama zikoreshwa mu guteza imbere ubufatanye hagati y'abikorera, sosiyete sivile n'inzego za Leta. Byongeye kandi, u Rwanda rwashyizeho akanama k'igihugu ku bagore n'urubyiruko kazaba intangiriro yo kwinjiza abafatanyabikorwa mu ishyirwa mu bikorwa ry'umushinga. Ubushobozi bwahujwe n'iyi miryango buzafasha gushyira mubikorwa umushinga uteganijwe bu muryo bwiza,neza, bwuzuye kandi bunoze.

Uru rwego rw'imicungire y'ibidukikije n'imibereho myiza y'abaturage rushyira ahagaragara umushinga rusange hamwe n'ingaruka

zishobora guterwa n’ibidukikije n’imibereho myiza y’abaturage mu gihe cyo gutegura icyifuzo kandi biteganijwe ko kizahura nacyo mu gihe cyo gushyira mu bikorwa umushinga. Bizemeza ko mu gihe cyo kuyishyira mu bikorwa, hasuzumwa ingaruka zose z’ibidukikije ndetse n’imibereho myiza y’abaturage kandi ko hari ingamba zihagije zo gushyira mu bikorwa ingamba zo gushyira mu bikorwa ingamba zo guhangana n’imihindagurikire y’ibihe mu guhangana n’imihindagurikire y’ibihe mu Rwanda rwo muri Congo Nili igabanywa binyuze mu cyifuzo cy’ibidukikije ndetse n’imibereho. buryo burambye kandi hubahirizwa byimazeyo u Rwanda hamwe n’ibidukikije bya GCF.

Intego zihariye za ESMF mu ishyirwamubikorwa ni: (i) Gusuzuma ingaruka zishobora guterwa n’ibidukikije n’imibereho mu bice byihariye by’uturere by’umushinga, byaba byiza cyangwa bibi, no guteganya ingamba zo kugabanya ingaruka zizakemura neza ibyaterwa nabyo; na (ii) Kumenyesha gahunda yo gutegura umushinga ingaruka zishobora guterwa n’ibidukikije n’imibereho y’izindi nzira zitandukanye, hamwe n’ingamba zifatika zo kugabanya ibicuruzwa (harimo n’ibisabwa mu ishyirwamubikorwa) bizatuma hubahirizwa ingingo za E&S.

Urwego rwa gahunda y’imicungire y’ibidukikije n’ibibereho myiza (ESMF) rushingiye ku nzego za politiki zisanzweho, Urwego mpuzamahanga rwo kubungabunga ibidukikije no kubungabunga imibereho myiza GCF, gahunda y’umuryango w’abibumbye ishinzwe iterambere GCF ESMF, IUCN ESIA ishinzwe ubukungu bushingiye ku bidukikije mu cyaro n’umushinga w’iterambere ry’imihindagurikire y’ikirere, indi mishinga n’inyandiko biva mu Rwanda kimwe n’ibindi bitekerezo byatanzwe mubutumwa bw’aho ibikorwa byaberaga muri kamena 2021 ndetse n’inama z’abafatanyabikorwa hamwe n’amatsinda mato yakozwe muri Nyakanga na Kanama 2021.

Rinashingiye kandi ku gusuzuma ibikorwa byateguwe kimwe no gusuzuma imibereho n’ubukungu by’imishinga n’ibibazo byavuzwe mu nama z’abafatanyabikorwa. ESMF rutanga intambwe ku yindi isuzumabumenyi kugira ngo isobanukirwe n'ingaruka zijyanye n'ibidukikije n'imibereho myiza y'abaturage ukurikije urugero rw'ingaruka, igihe bimara, uburemere bw'ingaruka ndetse n'ibishobora kubaho. Ingamba zo kwirinda no kugabanya ibyago zirateganyijwe kandi zizatunganywa mu gihe cyo gushyira mu bikorwa umushinga kugira ngo hubahirizwe ibidukikije GCF ndetse bikanagaragaza uburyo ingamba zo kugabanya ingaruka zizahindura isuzuma ry’ingaruka kugira ngo hagabanuke ingaruka mbi z’umushinga.

2. IMITERERE Y’UMUSHINGA

Isunzu rya Congo nile (CND) ritandukanya ikibaya cy’amazi yo muri Congo n’inzuzi za Nili kandi kirimo amashyamba ahanamye asigaye mu Rwanda. Aya mashyamba akikijwe muri parike eshatu z’igihugu muri kano karere, Parike y’ibirunga (VNP), Parike y’igihugu ya Gishwati-Mukura (GMNP), na Parike ya Nyungwe (NNP).

Amashyamba ahanamye atanga serivisi z’urusobe rtw’ibinyabuzima ku gihugu, nko kugenzura ikirere binyuze mu gufata no gushyiraho imvura, kugenzura imigezi y’amazi, isuri, no kurwanya imyuzure, gutanga amavuta y’ibiti ku mbaraga n’ibiti, gushyigikira urwego rw’ubukerarugendo bushingiye ku bidukikije mu Rwanda, no kurwanya ihumana ry’ikirere. Izi serivisi z’urusobe

rw'ibinyabuzima ziragenda ziba ingenzi cyane kubera izamuka n'uburemere by'imiterere itaba yiteguwe y'ibihe by'ikirere mu isunzu rya congo nile (CND), bigatuma abahinzi-borozi bato bato n'abaturage bo mu cyaro bagera kuri miliyoni 2.3 bashobora guhura n'ibiza ndetse n'ubukungu.

Minisiteri y'ibidukikije mu Rwanda (MoE), ku bufatanye n'umuryango uharanira kubungabunga ibinyabuzima (WCS), yateguye gahunda yo kongera ubushobozi bw'imibereho, kugabanya imyuka yanduza ikirere, no kongera ubusugire urusobe rw'ibinyabuzima mu ishyamba ryo mu isunzu rya congo nile (CND). Ikigega gifasha mu kubungabunga ihindagurika ry'ikirere (GCF) cyemeje iki gitekerezo mu 2020, gitanga inkunga kuri Minisiteri y'ibidukikije (MoE) no kuri WCS yo gutegura umushinga wuzuye muri 2021 no kuwuvugurura hakurikijwe ibitekerezo bya GCF muri 2022.

2.1 Intego n'ibice by'umushinga

Uyu mushinga ugamije gukomeza abaturage bazahajwe n'imihindagurikire y'ikirere mu guhangana n'imihindagurikire y'ikirere harebwa n'ubusugire bw'amashyamba ya kimeza no kongerera imbaraga zo guhangana n'imihindagurikire y'ikirere n'imicungire y'ibidukikije. Uyu mushinga uzafasha ubutaka bwangiritse kandi bwugarijwe mu bice byo mu burengerazuba bw'u Rwanda, kuri ubu bigowe n'imibereho, butanga ubutaka buhangana n'ihindagurika ry'ikirere, serivisi z'urusobe rw'ibinyabuzima ndetse icyarimwe bigatuma abahinzi-borozi bato bato bakomeza kubaho neza kandi bigatanga ukwihaza mu biribwa no mu mazi.

Igitekerezo cyo guhindura uyu mushinga gishingiye ku mahame menshi y'ingenzi (Ishusho ya 1). Izingiro rya byose, Isunzu rya congo nile (CND) ryerekana ahantu hagoye – ahantu hari amashyamba hanagaragara utubuye twinshi n'ibiti by'ubuhinzi, buri kimwe kegeranye n'ikindi. Izi gahunda z'ibinyabuzima n'imibereho n'ubukungu birabangamiwe cyane kubera ukugenda gukabije k'ubutaka, ibyo bikaba byaratumye habaho ingaruka mbi zo kwangirika kw'umutungo kamere bibangamira imibereho myiza y'imiterere karemano n'ubukungu.

Intangiriro y'imihindagurikire y'ikirere ni ibintu byongerera imbaraga ubu buryo bwo kwangirika, hamwe no gutakaza serivisi z'urusobe rw'ibinyabuzima z'ingenzi zihuza amashyamba n'abantu. Uru rugendo rwo kwangirika rugomba guhagarikwa kugira ngo ruganishwe ku nzira iganisha ku guhangana n'imihindagurikire y'ikirere bigamije kubaho kwa muntu.

Uburyo bwo kwifashishwa n'uyu mushinga rero bushingiye ku mahame yo guhangana 'imihindagurikire y'urusobe rw'ibinyabuzima: ko urusobe rw'ibinyabuzima rumeze neza rugira urufatiro rukomeye rwo guhangana n'imihindagurikire y'ikirere. Imicungire y'imihindagurikire y'ibinyabuzima n'ibinyabuzima byiganjemo abantu – gukorana no guhuza urwego rw'imiterere y'ubutaka-birashobora guca ukubiri n'iyangirika hanyuma bikaganisha ku ruhererekane rwiza rw'imikoranire hagati y'ikirere, mu buryo buramye kandi buhamye bunatanga inyungu.

Muri rusange, intego y'ibikorwa by'umushinga ni:

Niba ubutaka bwo mu mashyamba n'imirima ihegereye byo ku isunzu rya Congo Nili bw'u Rwanda bicunzwe neza mu guhangana n'imihindagurikire y'ikirere,

Rero, Isunzu rya Congo Nile (CND) rizaba rigizwe n'imikoranire ihuriweho n'isi yose amashyamba afite ubutaka bukungahaye, amoko akungahaye ku nzuri zirambye: bitanga icyizere kuri serivisi z'urusobe rw'ibinyabuzima no kuzamura imibereho y'abatishoboye ndetse n'igihugu muri rusange kandi bikagira uruhare rufatika mu kubungabunga urusobe rw'ibinyabuzima, ubukungu bw'igihugu, no kugabanya imyuka yo mu kirere iterwa n'ubushyuhe bw'izuba (GHGs).

Kuberako kubaka ubushobozi n'imicungire y'amashyamba n'ubuhinzi bihangana bw'imihindagurikire y'ikirere bizafasha iteka ry'amashyamba kavukire kandi bigacika kandi bigahindura ingaruka z'imihindagurikire y'ikirere byongera ubukana bw'amapfa, imyuzure, n'isenyuka biganisha ku kuzahara kw'imibereho kandi bikangiriza. umutungo w'amashyamba.

Imiterere n'ahazaza by'amashyamaba n'abantu byo ku Isunzu rya Congo Nile birasa cyane: Byombi biterwa cyane numutungo kamere bitanga umusingi w'ubushobozi bwabyo bwo gukomeza kubaho. Zerekana gahunda z'ibidukikije n'imibereho n'ubukungu byahujwe cyane n'ubutaka bugoye, by'umwihariko bihujwe na serivisi z'urusobe bigaragara muri ubwo buryo (amabwiriza yo guhinga ahari amazi, kubungabunga ubutaka, ubukerarugendo bushingiye ku bidukikije karemano). Kugeza ubu izi serivisi, n'umubano uri hagati y'amashyamba n'abantu - cyane cyane abatishoboye mu muryango nyarwanda - byarononekaye cyane[1]. Amashyamba yagabanutse ku rugero rukomeye, acikamo ibice, kandi arangiurika bitewe n'umuriro[2], gukoresha umutungo birenze urugero[3], no kwinjiza amoko y'ibinyabuzima[4]. Ubutaka bwo ku misozi ihanamye cyane[5,6] y'isunzu rya Congo Nile (CND) bwahingwaga cyane, ndetse no munsi y'imigezi, bikomeza kugabanya ibiti hanze y'amashyamba: bityo bikabangamira ubushobozi bw'imirima bwo gukomeza kugira ubutaka[7], irinda umwuzure[8], utanga amazi ahoraho kandi asukuye, uhindure, ubike karubone[9], kandi ukomeze gutanga umusaruro. Ihuzwa ry'izi gahunda zishimangiwe ryatumye habaho ingaruka mbi z'umutekano muke kandi bibangamira imibereho myiza y'abahinzi. Kugira uburyo buke bwo kubona ubundi buryo bwo kubaho cyangwa gushora imari kugirango habeho impinduka[10], abahinzi-borozi batoya bongereye ingufu kumashyamba karemano kubutaka, lisansi, nubundi butunzi bwamashyamba. Ihungabana nk'iryo naryo ritera gutakaza amashyamba no kwangirika no kugabanuka kw'ibinyabuzima - bigabanya ubushobozi bwabo bwo gutanga serivisi z'ibidukikije ku bantu batuye ahantu nyaburanga ndetse no mu gihugu hose, harimo amafaranga y'ubukerarugendo n'akazi biva mu mahanga. Niyo mpamvu, sisitemu zifatirwa mubihe bibi byagaragaye ko

1 Bagstad, K.J., 2019. Towards ecosystem accounts for Rwanda: Tracking 25 years of change in flows and potential supply of ecosystem services. British Ecological Society.

2 Masozera, A.B., Mulindahabi, F., 2007. Post-Fire Regeneration in Nyungwe National Park, Rwanda. Wildlife Conservation Society.

3 Republic of Rwanda, 2011. Green Growth and Climate Resilience: National Strategy for Climate Change and Low Carbon Development.

4 USAID, 2019. Rwanda Tropical Forests and Biodiversity Analysis.

5 Camberlin, P., 2018. Climate of Eastern Africa. In Oxford Research Encyclopedia of Climate Science.

6 Seimon, A., 2022. An Overview of Climate Change and its Impacts along the Congo-Nile Divide in Rwanda.

7 World Bank, 2019. Rwanda Systematic Country Diagnostic.

8 Karamage, F., et al., 2017. Modeling Rainfall-Runoff Response to Land Use and Land Cover Change in Rwanda (1990–2016). Water 2017, 9(2), 14.

9 Mugabowindekwe et al, in review

10 Clay N., King B., 2019. Smallholders' uneven capacities to adapt to climate change amid Africa's 'green revolution': Case study of Rwanda's crop intensification program. World Dev.

bigoye gucika, nubwo hashyizweho ingufu zihariye. Imwe mu mbaraga nk'izo - gukenera inkwi - ni nyinshi cyane dore ko ibarura rusange rya guverinoma y'u Rwanda ryerekanye ko 77% by'ingo z'u Rwanda zikoresha inkwi nk'amavuta y'ibanze yo guteka[11].

Hamwe n'imihindagurikire y'ikirere, ubwo buryo bumaze kwangirika bwerekana ibimenyetso bigaragara byo kwangirika. Kwiyongera guhindagurika mugihe cyimvura n'ubushyuhe bwimvura hamwe n'ubushyuhe bwiyongera bitera gutenguka k'ubutaka[12] hamwe n'isuri y'ubutaka, kongera ubutayu n'amapfa, hamwe n'igihe kitateganijwe cyo guhinga no gusarura[13].

Ibi ni ukugabanya umusaruro w'ubuhinzi n'umutekano, bigatuma ndetse n'umuvuduko mwinshi ku mutungo usigaye w'amashyamba, bityo bikabangamira serivisi z'urusobe rw'ibinyabuzima zikenewe kugira ngo ubuzima bwiza bugerweho.

Ku ngano nini, ukwangirika kw'amashyamba guterwa n'ikirere no kugabanuka kw'ibinyabuzima mu isunzu rya Congo Nile bibangamira inyungu zo ku rwego rw'igihugu mu gutanga amazi yujuje ubuziranenge, ubukerarugendo bushingiye ku bidukikije, gutanga amashanyarazi, no kubika karubone.Iyi mikorere irasaba uburyo bushya bwo gutegura imikoreshereze y'ubutaka n'imicungire ishingiye ku gufata isunzu rya Congo Nile nk'ahantu nyaburanga, hagizwe n'ibintu bitandukanye bishingiye ku mashyamba n'imirima, imiyoborere ya buri kimwe igena ubuzima bwose. Kwibanda kuri iyi ngano nini, hamwe no guhuza imipaka n'imirenge, mu gihe kwinjiza ingaruka z'ikirere muri gahunda z'imicungire bizaba ingenzi - n'ifatizo ryo guhindura paradizo. Gukoresha iyi mikorere mugushushanya no gushyira mubikorwa ibikorwa, byateganijwe-gushiraho ibikorwa byumushinga mumashyamba no kumurima byitezwe guhindura imitekerereze na sisitemu yo kubungabunga.Ibi, bifatanije no gushyiraho ahantu hazava inkunga mu buryo burambye, bigamije rero guhindura urusobe rw'ibinyabuzima kamere n'abantu ubwabo ku guhangana n'imihindagurikire y'ikirere.

2.1.1 Igice cya 1: Kumenyekanisha imihindagurikire y'ikirere muri gahunga yo gukoresha ubutaka

Hakenewe byihutirwa ubufatanye bunoze hagati y'inzego za leta z'u Rwanda, sosiyete sivile, abikorera, ndetse n'abafatanyabikorwa banyuranye kugira ngo bahuze ibicuruzwa bitoroshye ariko byanze bikunze ibicuruzwa biva mu butaka bizagira ingaruka zikomeye ku guhangana n'imihindagurikire y'ikirere haba mu bidukikije ndetse no ku bantu.

Guverinoma y'u Rwanda yemera ko uburyo butandukanye bwo gufata ibyemezo bwakajije umurego ku mutungo muto w'ubutaka kandi bikagabanya ubushobozi bwo kurwanya imihindagurikire y'urusobe rw'ibinyabuzima ndetse n'abaturage bo mu cyaro[14]. Icyegeranyo cy'ibanze cy'imihindagurikire y'ikirere mu Rwanda (2015) kirasaba ko hashyirwaho komite ishinzwe guhuza ibikorwa bya tekiniki na minisiteri ishinzwe kurwanya imihindagurikire y'ikirere, harimo n'imiryango itegamiye kuri Leta.

11 Government of Rwanda, 2021. Rwanda Household Survey 2019/2020. National Institute of Statistics of Rwanda.

12 Uwihirwe, J., et al., 2020. Landslide precipitation thresholds in Rwanda. Landslides.

13 World Bank; CIAT. 2015. Climate-Smart Agriculture in Rwanda. CSA Country Profiles for Africa, Asia, and Latin America and the Caribbean Series. Washington D.C.: The World Bank Group.

14 National Land Use Management Plan.

Muri 2017, Minisiteri y'ibidukikije (MoE) yateguye gahunda y'ingamba zo guhangana n'ikirere (SPCR), yibanda ku bintu bitatu byihutirwa hagamijwe guhangana n'imihindagurikire y'ikirere: (a) kongerera ubushobozi tekiniki no gushimangira guhuza ibigo; (b) Imikoreshereze ihuriweho n'imikoreshereze y'ubutaka; na (c) serivisi z'ikirere no gucunga ibiza. SPCR ni intambwe y'ingenzi iganisha ku bufatanye hagati ya minisiteri n'inzego nyinshi no guhuza ibitekerezo by'imihindagurikire y'ikirere muri gahunda z'iterambere n'ibikorwa. Icyakora, haracyakenewe gushyira mu bikorwa byimazeyo ingamba n'imihindagurikire y'imihindagurikire y'ikirere ku rwego rw'ibihugu, kugira uruhare mu nzego zitandukanye ndetse no guha ubushobozi abagore kugira uruhare mu gufata ibyemezo ku rwego rw'akarere n'abaturage.

Iki gice cy'umushinga kizakemura insanganyamatsiko (a) na (b) za SPCR kandi zifite Ibisubizo bikurikira, nkuko bisobanurwa mu byifuzo rusange hamwe n'ubushakashatsi buboneye:

- **Intego 1.1:** Gahunda yo kubungabunga ubutaka mu guhangana n'ihindagurika ry'ikirere n'imibereho by'urusobe rw'ibinyabuzima bihuza ingaba z'akarere.

  Igikorwa 1.1.1. Guhuza no gukwirakwiza amakuru ku gaciro k'amashyamba ya kimeza na gahunda z'urusobe rw'ibinyabuzima.

  Igikorwa 1.2: Gutegura gahunda y'imikoreshereze y'ubutaka buhangana n'ihindagurika ry'ikirere

- **Intego 1.2:** Ubushobozi bw'inzego z'ibanze n'igihugu byongerewe imbaraga mu guhuza urusobe rw'ibinyabuzima n'imihindagurikire y'ikirere muri gahunda yo gukoresha no gucunga ubutaka

  Igikorwa 1.2.1 Gushyiraho inzego zinyuranye zishyiraho gahunda yo gutunganya ibibanza hamwe na politiki

  Igikorwa 1.2.2 Kongerera ubushobozi bwo gutunganya ubutaka mu bigo bya leta mu rwego rwo guhangana n'ihindagurika ry'ikirere.

  Igikorwa 1.2.3 Gushyiraho gahunda inoze yo kugenzura amashyamba mu kongera imyanzuro yo kubungabunga amashyamba.

2.1.2 Igice cya 2: Kubungabunga ubutaka no Gutera amashyamba

Guverinoma y'u Rwanda yashyize imbere kubungabunga amashyamba no ku - harimo n'amashyamba ya kimeza y'ahantu harinzwe - nk'ingenzi mu ngamba z'imihindagurikire y'ikirere ku bijyanye n'imiterere ya CND (ROAM 2014). Amashyamba ya kimeza hamwe na parike y'igihugu yarinzwe muri rusange kandi acungwa neza mumyaka itambutse, ahabwa amanota menshi yo kubungabunga urusobe rw'ibinyabuzima ndetse anateza imbere ireme - kandi yinjiza amafaranga menshi - bukurura ubukerarugendo bushingiye ku bidukikije. Gahunda yo gucunga parike muri iki gihe, ariko, ikubiyemo kwita cyane ku bintu bishobora guterwa n'imihindagurikire y'ikirere. Hanze ya parike, hasigaye uduce duke dufite amashyamba karemano kandi imicungire y'amashyamba n'uburyo bwo kuyisana ntibishyirwa mu bikorwa ku rwego rusabwa kugira ngo imihindagurikire

y’amashyamba irusheho kuba myiza. Aho amashyamba atewe, benshi bakoresha amoko adasanzwe hamwe n’ibiti bisa n’ibyihariye muri rusange bidahuye n’imikoreshereze y’ubuhinzi ivanze; nanone bishobora kwibasirwa n'indwara n'udukoko ndetse n'ubushyuhe bw'ikirere.

Muri iki gice, ingamba zashyizweho zigamije guhuza ibikorwa byo kumenyekanisha imihindagurikire y’ikirere no kumenya uko bitwara mu igenamigambi ry’ishyamba rya pariki y’igihugu, politiki no kubungabunga amashyamba, ndetse no kugarura ahantu hangiritse muri parike. Izi mbaraga zizafasha mu gukomeza amashyamba akungahaye ku binyabuzima, amafaranga y’ubukerarugendo yinjiza menshi yinjira mu bukungu bw’abaturage ndetse n’igihugu, ndetse na serivisi y’ibidukikije ikenewe mu guhangana n’ikirere cy’abaturage bashegeshwe nabyo.

Uru ruhererkane rw’ibikorwa rugaragaza kandi ibyibanze hanze ya parike - ahantu hasigaye, hafi y’ibishanga, no ku nkombe z’imigezi - mu rwego rwo kurinda no kongera gutera amashyamba “ibuye fatizo” no guhuza ibikorwa by’imihindagurikire y’ikirere mu gihe kirambye.

Icyi gice kizatanga umusaruro ukurikira nk’uko byagarajwe mu ny’igo y’umushinga:

- **Intego 2.1**: Kubungabunga ahantu hacunzwe neza mu kubungabunga imihindagurikire y’ikirere

  Igikorwa 2.1.1 Koroshya gusubiramo gahunda y’imicungire ya PA kugirango hakemuke ibyaterwa n’ihindagurika ry’ikirere.

  Igikorwa 2.1.2 Gushyiraho gahunda zirambye kugirango habeho kubona amafaranga ku isunzu rya Congo Nile (CND) nyuma ya GCF.

  Igikorwa 2.1.3 Integanyanyigisho nshya ku kubungabunga umuriro yateguwe kandi ikoreshwa

- **Intego 2.2:** Kongera gutera ibiti ku mashyamba ya kimeza , no gushyiraho ibidukikije bihuje.

  Igikorwa 2.2.1 Kurinda ahantu karemano hasigaye hanze ya PAs

  Igikorwa 2.2.2 Kongera kugarura amashyamba karemano harimo no guhuza imigezi n’ibishanga.

  Igikorwa 2.2.3 Kubashishikariza gutera ibiti bivangwa n'imyaka, bakoresha ibiti bya kimeza bikikije ishyamba rya Gishwati

2.1.3 Igice cya 3: Guteza imbere guhangana n’ihindagurika ry’ikirere binyuze mu mibereho myiza

Kongera ahantu hari amashyamba yo kurinda, kuzamura no kugarura ibihingwa bihingwa mu mashyamba, no kongera ubuhinzi bw’ibiti by’amashyamba ni intambwe z’ingenzi zo kugarura imikorere y’ibidukikije na serivisi byagaragaye muri raporo y’igihugu ishinzwe politiki y’amashyamba (NFPR 2017), cyane cyane (i) Kugabanya ibyaterwa n’umwuzure, inkangu n'isuri y'ubutaka biturutse ku bihe bikabije by’ihindagurika ry'ikirere, (ii) Kongera by’igihe kirambye gutanga ibikoresho by’ibicanwa by'ibiti (isoko y'ingufu kuri

99% by'abanyarwanda).

Hamwe n’ishyiga rya rondereza, ibi biti bizatanga inkwi binagabanye igihe abagore bakoreshaga basjya gutashya inkwi bityo bibafashe kujya bindi bikorwa bibyara amafaranga ndetse gahunda zitanga amahirwe.

Mu gutegura gahunda ihamye yo gukoresha ubutaka ikubiyemo kurwanya imihindagurikire y’ikirere, kandi mu gihe harebwa ko urusobe rw’ibinyabuzima rw’amashyamba rushimangirwa binyuze mu micungire y’amashyamba no kuyatera, hagomba kwitabwaho abantu batuye hafi y’amashyamba ndetse n’abakunze kuyangiriza.

By'umwihariko, harimo abantu badafite ubutaka cyangwa bafite ubutaka budahagije kugira ngo babone ibyo bakeneye buri munsi. Birashoboka cyane ko binjira kandi badakoresha amashyamba arinzwe kandi arinda kugirango bibafashe mubyo bakeneye buri munsi.

Kubw’ibyo, uyu mushinga ugamije gufasha iyi miryango itishoboye - urubyiruko, abantu bo mu matsinda y’abasigajwe inyuma n’amateka, ndetse n’abahinzi bafite amikoro adahagije - kugira ngo bongere ubushobozi bwabo mu bijyanye no kumenya gusoma no kwandika ndetse n’imishinga, hagamijwe gushimangira guhangana n’ihungabana ry’ubukungu n’ikirere.

Na none, kugirango twongere amahirwe menshi yo kunoza imikorere ya kuva duteye igiti kugeza tugisaruye, bikenewe kunoza imikorere y’ubucuruzi no guhuza amasoko n’abaturage.

By'umwihariko, guhuza abahinzi n'abacuruzi benshi bo mu karere ndetse no mu gihugu bizabafasha kugurisha umusaruro wabo neza, inyungu nyinshi no kugabanya imyanda.

Kugira ngo uku guhuza byorohe, iki gice kandi kizubaka ubushobozi bw’ubucuruzi n’amasoko akenewe mu rwego rwo gushyigikira uguhindura kw’abahinzi n’abaturage babo kure y’imikorere idahwitse igaragaza ingaruka z’imihindagurikire y’ikirere ndetse no kurushaho kubaho neza ndetse n’amahirwe yo kwinjiza amafaranga.

Ibi bikubiyemo kubaka ubushobozi hamwe n’uruhererekane rw’agaciro k’isoko ku buzima budashingiye ku buhinzi bwa cyera.

Iki gice kizavuga byeruye ibikorwa 3 nkuko bigaragazwa mu nyigo y’umushinga.

- **Intego 3.1:** bwo guhinga bwongera umusaruro, bigabanya isuri, n’ibyatera imyuzure, bitanga umusanzu kuri serivisi z’urusobe rw’ibinyabuzima, kandi rugafasha imikoranire.

  Igikorwa 3.1.1 Kugarura ahantu hahanamye (> 55%) nk’amashyamba yo kurinda

  Igikorwa 3.1.2 Guteza imbere ubuhinzi-bworozi ku bwoko bw’ibiti byinshi bya kimeza

- **Intego 3.2:** Imibereho yo mu cyaro ibyara inyungu zihinduka no kugabanya guhohotera amashyamba.

Igikorwa 3.2.1 Guteza imbere amashyamba hamwe n'ibiti bivangwa n'imyaka bijyanye n'uruhererekane rw'agaciro kugirango ubone isoko.

Igikorwa 3.2.2 Korohereza no kuzamura ibijyanye n'uruhererekane rw'agaciro k'ibikorwa mu guhangana n'ihindagurika ry'ikirere.

Igikorwa 3.2.3 Korohereza ibiva n'ibijya mu isoko ku bahinzi bakennye.

Igikorwa 3.2.4 Kongera ikoreshwa no gucuruza ibicanwa muri rondereza.

- **Intego 3.3:** Serivisi z'imari no gushora imari mu nzego z'abikorera byoyongereye.

Igikorwa 3.3.1 Korohereza kugera ku mari no gushora imari mu nzego z'abikorera.

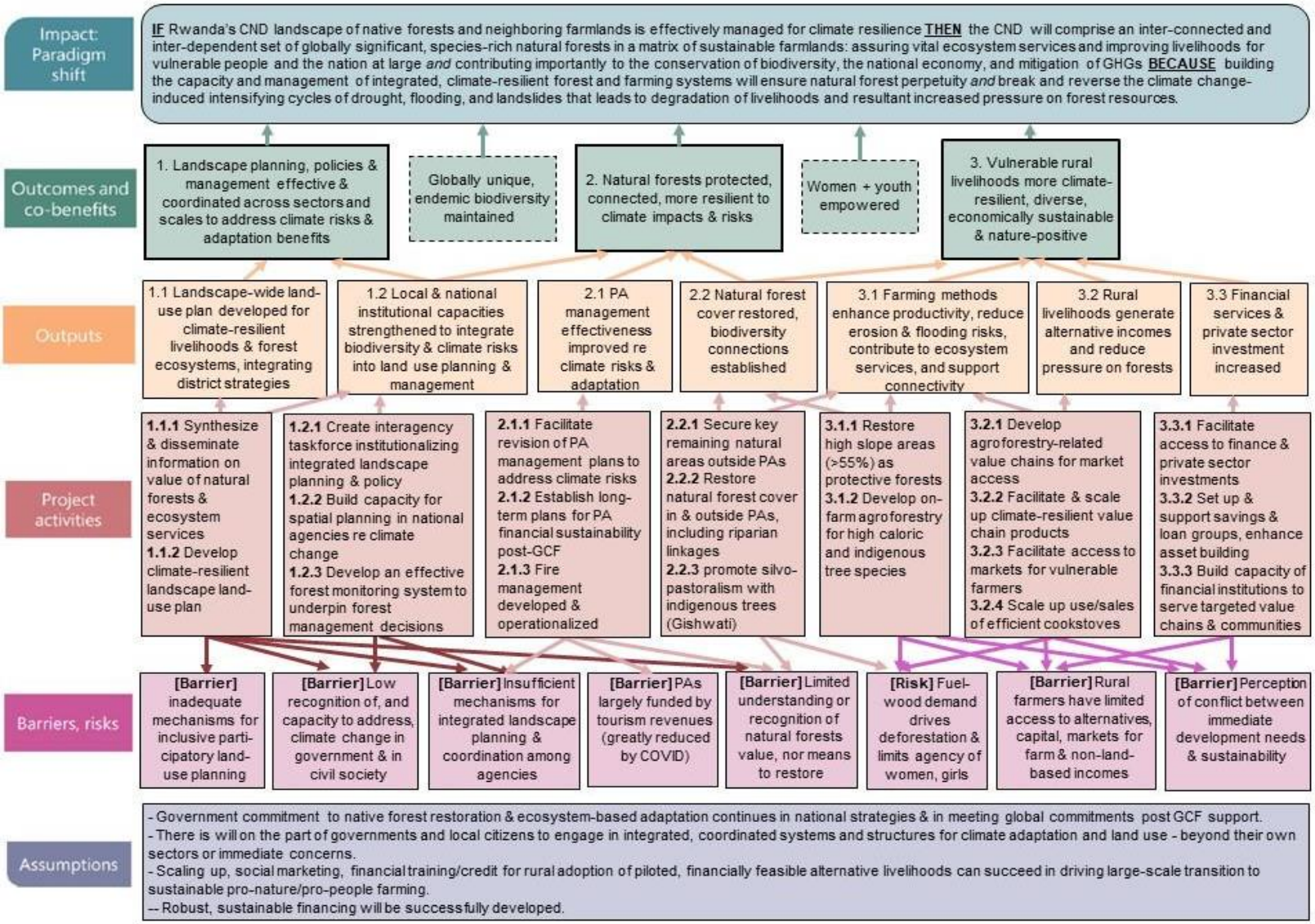
Igikorwa 3.3.2 Gushyiraho no gufasha amatsinda yo kwizigama, no gutegura ibizatunga umuntu.

Igikorwa 3.3.3 Kubakira ubushobozi ibigo by'imari kugira ngo bifashe inyongeragaciro k'umusaruro n'abaturage.

Igikorwa 3.3.4 Korohereza kwiga no gusangira ubumenyi

2.2. Impinduka zizanwa n'umushinga, umusaruro witezwe n'ibikorwa bizawukorwamo

Ibice bigize uyu mushinga byitezweho kugeza ku musaruro n'ibikorwa by'umushinga muri rusange nk'uko bigaragara mu mbonerahamwe ikurikira.



Ishusho ya 1: Icyitegererezo cy'impinduka zizazanwa n'uyu mushinga

Imbonerahamwe ya 1. Umusaruro mbumbe w'umushinga, ibice, ibikorwa binini n'ibikorwa bito

Umusaruro wagutse w'umushinga	**Igice**	**Ibikorwa**	**Ibikorwa**
• Guha imbaraga gahunda z'ubuyobozi, amabwiriza n'ubushobozi bwo guhangana n'ihindagurika ry'ikirere •Ubukangurambaga bwongewe imbaraga ku bijyanye n'imihindagurikire y'ikirere no kugabanya ibibangamira ibidukikije. • Gahunda zo kubungabuna urusobe rw'ibinyabuzima inogejwe. • Imbaraga ubushobozi bwo kugabanya no guhangana n'ihindagurika ry'ikirere	**Igice 1: kwita ku ihindagurika ry'ikirere muri gahunda y'imikoreshereze y'ubutaka**	1.1 Gahunda yo kubungabunga ubutaka mu guhangana n'ihindagurika ry'ikirere n'imibereho by'urusobe rw'ibinyabuzima bihuza ingaba z'akarere	1.1.1 Guhuza no gukwirakwiza amakuru ku gaciro k'amashyamba ya kimeza na gahunda z'urusobe rw'ibinyabuzima.
			1.1.2 Gutegura gahunda y'imikoreshereze y'ubutaka buhangana n'ihindagurika ry'ikirere
		1.2Ubushobozi bw'inzego z'ibanze n'igihugu byongerewe imbaraga mu guhuza urusobe rw'ibinyabuzima n'imihindagurikire y'ikirere muri gahunda yo gukoresha no gucunga ubutaka	1.2.1 Gushyiraho inzego zinyuranye zishyiraho gahunda yo gutunganya ibibanza hamwe na politiki
			1.2.2 Kongerera ubushobozi bwo gutunganya ubutaka mu bigo bya leta mu rwego rwo guhangana n'ihindagurika ry'ikirere
			1.2.3 Gushyiraho gahunda inoze yo kugenzura amashyamba mu kongera imyanzuro yo kubungabunga amashyamba
	Igice cya 2: Kubungabunga amashyamba, ubutaka no Gutera amashyamba	2.1 Kubungabunga ahantu kacunzwe neza mu kubungabunga imihindagurikire y'ikirere.	2.1.1 Koroshya gusubiramo gahunda y'imicungire ya PA kugirango hakemuke ibyaterwa n'ihindagurika ry'ikirere
			2.1.2 Gushyiraho gahunda zirambye kugirango habeho kubona amafaranga ku isunzu rya Congo Nile (CND) nyuma ya GCF.
			2.1.3 Integanyanyigisho nshya ku kubungabunga umuriro yateguwe kandi ikoreshwa
		2.2 Kongera gutera ibiti ku mashyamba ya kimeza , no gushyiraho ibidukikije bihuje	2.2.1 Kurinda ahantu karemano hasigaye hanze ya PAs
			2.2.2 Kongera kugarura amashyamba karemano harimo no guhuza imigezi n'ibishanga
			2.2.3 Kubashishikariza gutera ibiti bivangwa n'imyaka, bakoresha ibiti bya kimeza bikikije ishyamba rya Gishwati

Umusaruro wagutse w'umushinga	Igice	Ibikorwa	Ibikorwa
	Igice cya 3: 3 Guteza imbere guhangana n'ihindagurika ry'ikirere binyuze mu mibereho myiza	3.1 Uburyo bwo huginga bwongera umusaruro, bigabanya isuri, n'ibyatera imyuzure, bitanga umusanzu kuri serivisi z'urusobe rw'ibinyabuzima, kandi rugafasha imikoranire.	3.1.1 Kugarura ahantu hahanamye (> 55%) nk'amashyamba yo kurinda
		3.2 Imibereho yo mucyaro ibyara inyungu zihinduka no kugabanya guhohotera amashyamba.	3.2.1 Guteza imbere amashyamba hamwe n'ibiti bivangwa n'imyaka bijyanye n'uruhererekane rw'agaciro kugirango ubone isoko.
			3.2.2 Korohereza no kuzamura ibijyanye n'iyongeragaciro k'ibikorwa mu guhangana n'ihindagurika ry'ikirere.
			3.2.3 Korohereza ibiva n'ibijya mu isoko ku bahinzi bakennye.
			3.2.4 Kongera ikoreshwa no gucuruza ibicanwa muri rondereza
		3.3 Serivisi z'imari no gushora imari mu nzego z'abikorera byiyongereye	3.3.1 Korohereza kugera ku mari no gushora imari mu nzego z'abikorera
			3.3.2 Gushyiraho no gufasha amatsinda yo kwizigama, no gutegura ibizatunga umuntu.
			3.3.3 Kubakira ubushobozi ibigo by'imari kugirango bifashe inyongeragaciro k'umusaruro n'abaturage

2.3. Inshingano mu mushinga- Ishyirwamubikorwa n'ikurikiranabikorwa

U Rwanda rufite urwego ruhamye kandi rwashyizeho ibigo bikora mu nzego zinyuranye kugira ngo bishyigikire ishyirwa mu bikorwa ry'uyu mushinga.

Minisiteri y'ibidukikije mu Rwanda (MoE) yahawe ububasha n'ikigega GCF gukora ibikorwa byatewe inkunga biri mu bintu byabangamira ibidukikije n'imibereho byo mu cyiciro B na C. Ikigo cy'amashyamba mu Rwanda (RFA) nicyo kigo kizabishyira mu bikorwa. Imirimo yose izahuzwa n'ishami rishinzwe imishinga iri muri MoE kandi ishyigikirwe n'izindi nzego za leta zibishinzwe zirimo Ikigo cy'igihugu gishinzwe ubutaka (NLA) ndetse n'ikigo cy'igihugu gishinzwe amazi (RWB) muri muri minisiteri y'ibidukikije (MoE).Nka AE, Minisiteri y'ibidukikije (MoE) i) izareba neza ko umushinga

ushyirwa mu bikorwa hakurikijwe amahame ya GCF; ii) kugenzura, no gucunga ishyirwa mu bikorwa ry'ibikorwa by'umishinga; iii) raporo ku iterambere ry'umushinga; iv) kureba neza ko ibikorwa by'umushinga bihuzwa neza kandi bigahuzwa n'ibintu igihugu.gikenewe kurusha ibindi

PMU izacunga, ikurikirane kandi itange raporo ku bikorwa bya buri munsi bya EE. EE izakora imirimo mu rwego rwo gucunga imishinga: a) Gushyira mu bikorwa ibikorwa bya buri munsi nkuko gahunda y'umushinga n'ingengo y'imari by'umushinga, harimo na gahunda yo kubungabunga ibidukikije n'imibereho; b) Gukora ibikorwa byo gutanga amasoko; c) Gucunga amasezerano yabatanga nabatanga serivisi; d) Guha akazi no gucunga abakozi b'imishinga ijyanye na EE imishinga icungwa harimo n'izaba zishinzwe ESS; e) Gushyira mu bikorwa ibikorwa nk'uko gahunda y'umushinga ibiteganya; na f) Gukora igenzura ry'imari na tekiniki y'ibikorwa, harimo kugera kumusaruro n'ibisubizo EE ishinzwe.

U Rwanda rwemera akamaro ko gukorana n'abafatanyabikorwa benshi kandi rwashyizeho uburyo burimo inama zisanzwe zitegura igenamigambi ry'inzego hamwe n'ihuriro rihuriweho n'abafatanyabikorwa miterambere ry'akarere (JADF), hamwe n'inama ngishwanama zikoreshwa mu guteza imbere ubufatanye hagati y'abikorera, sosiyete sivile n'inzego za Leta. Byongeye kandi, u Rwanda rwashyizeho akanama k'igihugu n'abagore n'urubyiruko kazaba intangiriro yo kwinjiza abafatanyabikorwa n'abafatanyabikorwa mu ishyirwa mu bikorwa ry'umushinga. Ubushobozi buhuriweho n'iyi miryango buzafasha gushyira mu bikorwa umushinga uteganijwe neza, wuzuye kandi uburinganire.

MoE, WCS, RFA na REMA bagenzuye umushinga bareba ibintu bishobora kubangamira 'imibereho n'ibidukikije, ndetse n'ibipimo by'imibereho n'ibidukikije, bihuje n'ikigega GCF. Muri rusange, umushinga wasuzumwe nk'ufite ibintu byabangamira ibidukikije ndetse n'imibereho, bijyanye n'icyiciro cya B cya GCF.

Mu rwego rwo gushyira mu bikorwa ukubungabunga ibidukikije n'imibereho myiza no kubahiriza politiki zose za GCF na politiki za AE na EE, hazatangwa akazi ku myanya ikurikira:

Inzobere mu kubungabunga ibidukikije n'imibereho myiza y'abaturage (PMU): Igenzura ishyirwa mu bikorwa ry'ibidukikije n'imibereho myiza y'umushinga wose, ikora irindi genzura ryimibitse ku bice byose bito bito, ikareba neza ko abakozi bose b'umushinga bahuguwe ku buryo bukwiye ku bijyanye no gushyira mu bikorwa ku kubungabunga ibidukikije n'imibereho, guhuza abakozi kugira ngo basohoze izo nshingano.

Inzobere ishinzwe urubyiruko n'uburinganire ishinzwe kugenzura igice cy'urubyiruko n'uburinganire mu mushinga, guhugura abakozi ku bwuzuzanye ku bijyanye n'imikoranire y'abaturage no guteza imbere imishinga, kumenya neza ko abakozi bose bahugurwa ku buryo bushingiye ku gushyira imbere abagezweho n'ibibazo ndetse no guhuza abakozi n'ubuyobozi n'inzobere muri ESS guhugura abakozi bose ku ihohoterwa rishingiye ku gitsina no guhozwa ku nkeke (SEAH).

Inzobere mu gukurikirana no gusuzuma (PMU na RFA): Ashinzwe gukurikirana no gusuzuma ishyirwa mu bikorwa ry'ingamba zo kubungabunga ibidukikije n'imibereho myiza. Ahuza abakozi n'inzobere ya ESS mu gutegura ibipimo no gukurikirana ubuzima bw'umushinga

Inzobere mu mikoranire y'abaturage n (RFA): ahuza ibikorwa byose hagati y'abaturage n'ibikorwa byo mu isunzu rya Congo Nile (CND), muri izi nshingano azaba ashinzwe gukusanya amakuru ajyanye no kugenzura isuzuma ry'ibice bito bito by'umushinga kandi azabikoresha nk'amahirwe yo kuba baba cyane muri sosiyete kugirango basuzume iyubahirizwa ry'ingamba zo kubungabunga ibidukikije n'imibereho myiza; abo bantu bazaba bashinzwe kureba uko abaturage bitabira sisitemu ya GRM.

Inzobere mu kubungabunga ubutaka, n'urusobe rw'ibinyabuzima n'inzobere mubyerekeye amashyamba (RFA): aba bantu bahuguwe ku bumenyi bw'ibidukikije n'amashyamba bazafasha mu ishyirwa mu bikorwa ryo kubungabunga ibidukikije.

Bazahabwa amahugurwa ku bijyanye no kubungabunga no kugenzura ibyonnyi by'ibidukikije , kandi bazaba bashinzwe abakozi n'ubuyobozi (RFA): Bashinzwe guhugura abakozi ku myitwarire y'abakozi mu bigo byabo, bagenzura ko nta bakoreshwa bakiri abana, ko nta bakora ihohoterwa rishingiye ku gitsina no guhoza kunkeke undi, abantu bishora mubikorwa bibujijwe (kunyereza umutungo, iterabwoba)bazanareba neza ko itegeko ry'umurimo ryubahirizwa koko. Bazahuza inzobere zose za ESS bakore gahunda y'imicungire y'umutekano n'ibyago byavuka.

Ushinzwe ibikoresho no gutanga amasoko (RFA): Azakorana n'inzobere ya ESS kandi ashinzwe kugenzura amasoko ibyuka bihumanya ikirere kugirango hagabanuke ibintu byangiza ibidukikije mu mushinga.

2.4. Impamvu hateganyijwe uyu mushinga (ESMF)

Nk'uko byateganyijwe, icyiciro cy'ibintu bibangamira ibidukikije n'imibereho cy'umushinga birashoboka ko kiba **Icyiciro cya B cyangwa 'ibyago bitagereranywa' turamutse tugendeye ku byiciro bya GCF**. Minisiteri y'ibidukikije (MoE) yahawe ububasha na n'ikigega GCF gukora ibikorwa byatewe inkunga ku bintu bibangamira ibidukikije biri mu byiciro n'imibereho B na C. Minisiteri y'ibidukikije (MoE) n'abafatanyabikorwa bayo b'ingenzi (WCS, RFA) basuzumye umushinga bareba ibishobora guteza ibibazo by'imibereho n'ibidukikije; hagendewe ku bisabwa na GCF. Umusaruro mubi wose ushobora kuba mu ntangiriro ku bikorwa n'ibikorwa bito wemejwe ko ugomba kuba muke, bidasubirwaho kandi witezwe kugabanywa binyuze mu bikorwa rusange byo kugabanya ibyago hamwe n'ibikorwa mpuzamahanga , mbese mu byiciro byo hasi byo kuzamura. Mu gihe umusaruro uzagaragarira mu mbibi z'umushinga w'isunzu rya Congo Nili n'ahantu hashyirirwa mu bikorwa, ahantu hihariye n'abaturage bagizweho n'ingaruka z'ibikorwa by'imishinga bizerekanwa mu ishyirwa mu bikorwa ry'umishinga bityo hashyizweho na AE / EE.uburyo bwo kubungabunga ibidukikije n'imibereho myiza kugira ngo hasuzumwe neza ibikorwa byose.

Ingaruka zikomeye muri uyu mushinga zigaragara mu buryo bw'incamake mu gice cya 6 nka kimwe mu bigize urwego rwo kubungabunga ibidukikije n'imibereho myiza (ESMP). Igice cya 10 kigaragaza intambwe za AE / EE gukurikiza mu gushyira mubikorwa umushinga kugirango turusheho gusobanura, mu hantu hazwi neza no kugisha inama bya hafi abaturage ndetse n'abandi bafatanyabikorwa, ingaruka zihariye ku bikorwa bitanu by'imishinga bifitanye isano n'uyu mushinga kandi bigatanga intambwe zo gutegura ingamba zikwiye zo kugabanya ingaruka hagendewe ku bisabwa na guverinoma y'u Rwanda hamwe n'ubuzima bwa GCF bw'ibidukikije n'imibereho myiza y'imishinga yo mu cyiciro cya B.

2.5 Imiterere y'umushinga

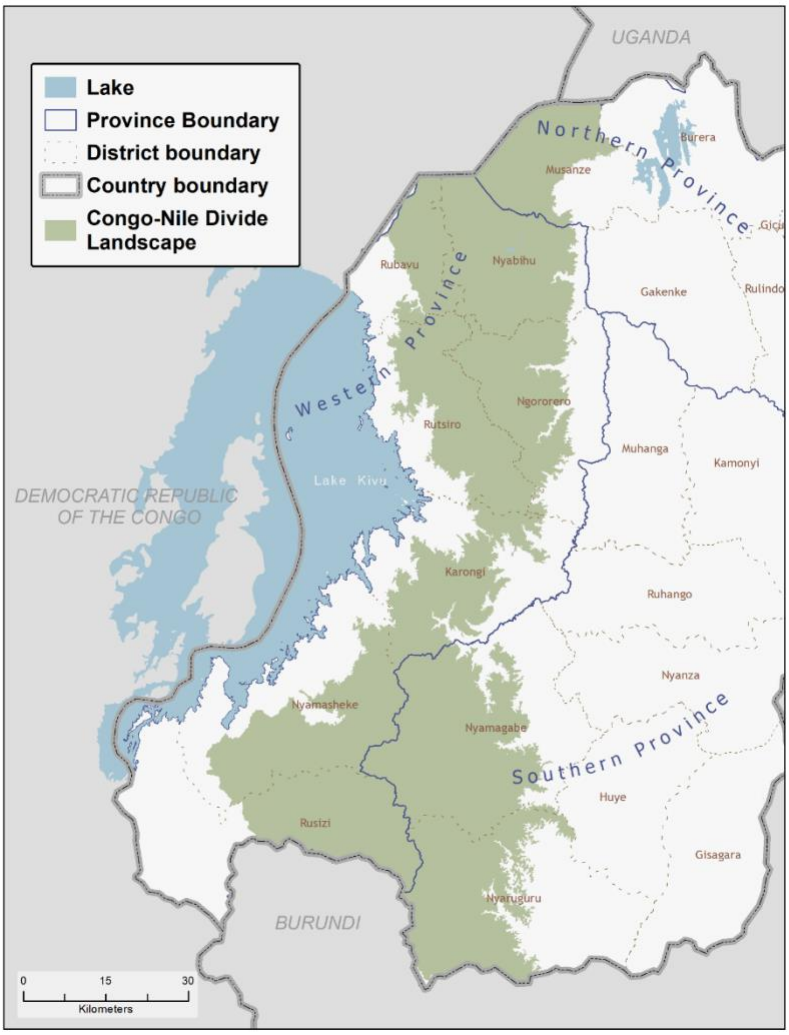
2.5.1 Aho umushinga uzakorera

Umushinga uzibanda ku isunzu rya Congo nile (CND), ku buso bwa 4.446 km2 buhuza intara 3 (intara y'uburengerazuba, Amajyepfo, Amajyaruguru,) n'uturere 10 ((Karongi, Musanze, Ngororero, Nyabihu, Nyamagabe, Nyamasheke, Nyaruguru, Rubavu, Rusizi, Rutsiro)[15]. Igice cy'u Rwanda cyo ku isunzu rya Congo Nile (ishusho ya 2 na 3) gifata ku misozi yo mu birunga nap ariki y'ibirunga (CNP) ku mbibi na Uganda mu majyaruguru, munsi ya pariki ya Gishwati-Mukura, mu majyepfo ku mpera z'ikiyaga cya Kivu na Pariki y'igihugu ya Nyungwe (NNP) ku mupaka w'amajyepfo n'u Burundi.



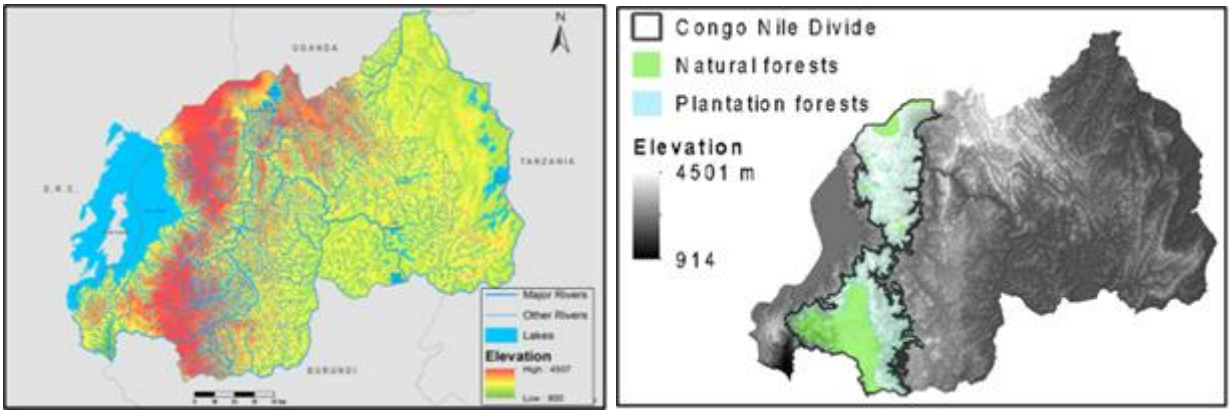
15 PPF Interim Report 2021

Ishushyo ya 2: Aho umushinga uzakorera n'uturere uzageramo (PPF Interim Report 2021)



Ishusho ya 3: Isunzu rya Congo-Nili—Uko ringana n'aho rihererereye

Ikirere cy'uburengerazuba bw'u Rwanda hamwe n'imiterere yacyo y'Isunzu rya Congo-Nili (CND) hagaragaramo imiterere ishyigikira cyane amashyamba yo mu turere dushyuha, ibinyabuzima bitandukanye ndetse n'ibikorwa bya muntu. Nubwo iri mu turere dushyuha cyane mu majyepfo ya ekwateri, ubutumburuke bw'umuhora wa CND, cyane cyane hejuru ya metero 2000, butanga ubushyuhe bukabije mu mwaka (**Ishusho ya 4**).



*Ishusho 4: (**ibumoso**) Ikarita y'u Rwanda igaragaza imigezi n'ibyogo byayo. Aho byakuwe: Rwanda Atlas (2019)[16] ; (**iburyo**) Isunzu rya Congo-Nili, rifite ubutumburuke bwa metero 1,900 mu muzenguruko wabwo rikarangwa n'ishyamba rya cyimeza. Aho byakuwe: CND project team.*

Mbere yo guhindura imiterere y'ubutaka hagamijwe ubuhinzi, igice kizengurutse cy'amashyamba gikomeje gutanga umusaruro w'imvura binyuze mu gufata ibicu mu biti, kandi kwibiza mu bicu hafi ya buri munsi byakomeje urusobe rw'ibiti by'amashyamba hamwe n'ibinyabuzima. Amashyamba kandi yagumanye ubutumburuke ahantu hahanamye kandi atanga umusaruro wa hamwe n'amazi yo mu butaka aho aterwa no gutemba kw'imvura nyinshi. Ubu ibihe nk'ibi bibujijwe mu mashyamba arinzwe ya CND muri parike yigihugu, bikubiyemo 30% gusa y'ubutaka bwa CND na 5% gusa cyangwa ubuso bw'ubutaka bwu Rwanda. Aya ni amashyamba ahanamye asigaye y'u Rwanda, nyamara agereranya 58.7% by'ibyuka bihumanya ikirere[17], kandi yangijwe n'umuvuduko ukabije w'abaturage, aho hafi 32.4% by'abatuye igihugu batuye mu butaka bwa bw'isinzu rya Congo Nili (CND).

16 Vital Signs, 2019: Rwanda Atlas. Environment, Agriculture and Livelihood Options. Vital Signs and WCS Rwanda. Link.

17 Mugabowindekwe, Maurice and 21 coauthors: Nation-wide mapping of tree level carbon stocks in Rwanda. Manuscript in review (Oct 2022). Link.

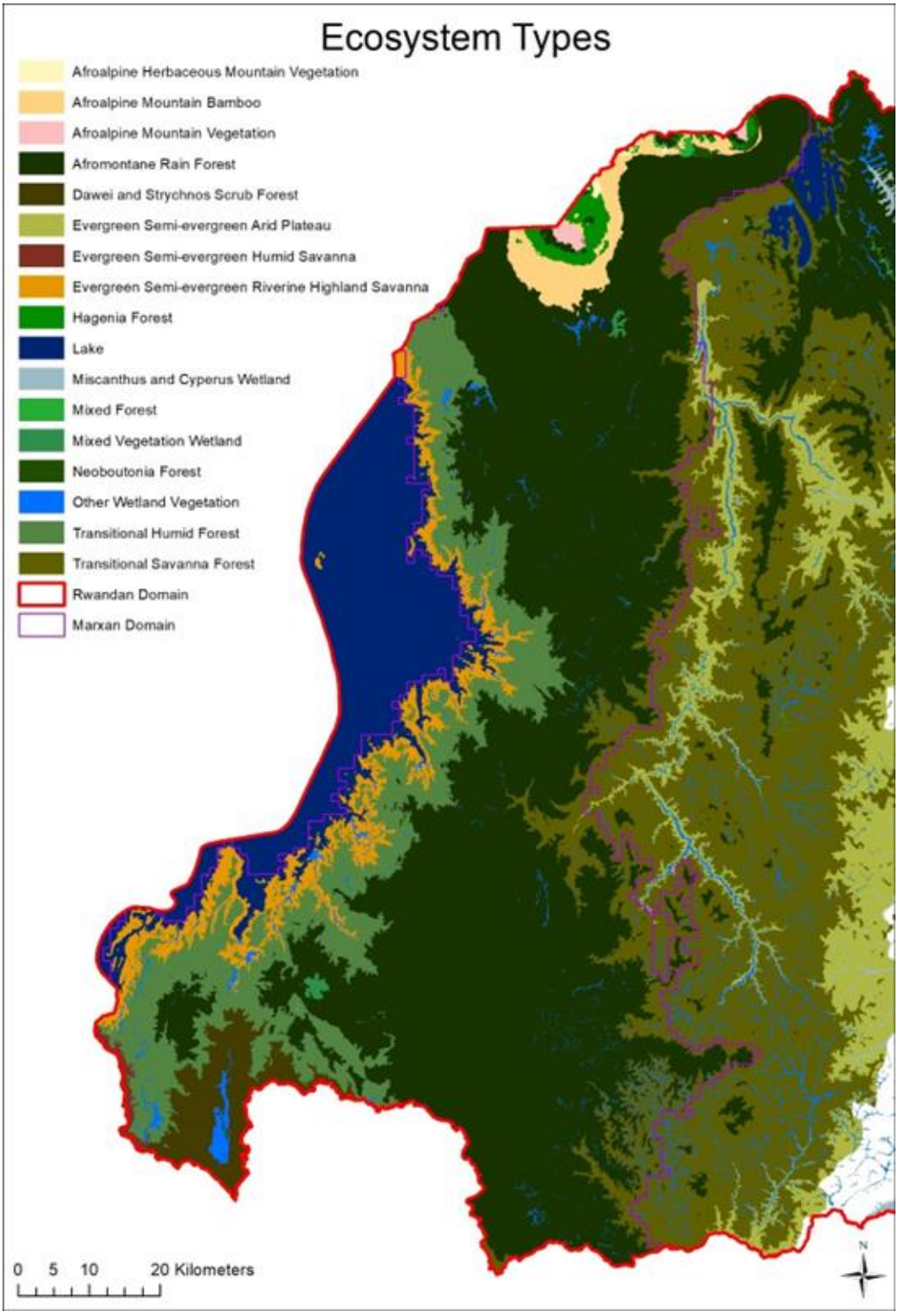
2.5.2 Imikoreshereze y'ubutaka buhingwamo imboga

Urusobe rw'ibinyabuzima fatizo by'isinzu rya Congo Nili (CND) ni ishyamba ryo mu misozi y'Afurika ribamo imvura, ni ubwoko bunini bw'amashyamba ahanamye mugace nyaburanga. Ubusanzwe yari ifite hegitari 418 524 ya CND (Imbonerahamwe 2 nishusho 5), ariko mu gihugu hose habaye igihombo cya 77% cy'amashyamba yo mu musozi ya Afurika ahanamye agwamo imvura mugihugu (Ishusho 6). Hafi y'ubuso bwa hegitari 96 402 bugarukira ku bice bikingiwe, hasigaye bike cyane bitagaragara neza hanze ya PA. Urebye uru rwego rwo hejuru rw'igihombo, Ishyamba ryo mu misozi ihanamye ya Afurika rigwamo imvura rishyirwa mu byangiritse muri IUCN ku rutonde rukomeye rw'urusobe rw'ibinyabuzima. Ikirenze kuri ibyo, urusobe rw'ibinyabuzima ntiruhagararirwe mu muryango wa PA - rushyirwa mu rwego rwo kurindwa mu buryo butagereranywa, kandi ahantu hato cyane hasigaye hameze neza hanze ya PA. Ni ngombwa rero kurinda no kugarura ishyamba rihanamye risigaye mu isunzu rya Congo Nili, kugirango byibuze wegere 30% nyuma ya CBD hafi hashoboka.N'ubwo hari ubundi bwoko bw'ingenzi bw'urusobe rw'ibinyabuzima byo mu mashyamba yo mu misozi miremire yo muri CND, cyane cyane ayo mu misozi miremire ariho imigano, Ibimera byo mu misozi miremire, Ishyamba manini y'ibiti bitanga indabyo, Ishyamba rivanze hamwe n'ibimera byo mu misozi miremire y'afurika y'ibirengerazuba, ibi bikabikwa cyane muri Parike y'ibirunga (VNP) bityo bikaba byashyizwe mu rwego rwo hasi cyane Impungenge kandi zose zirarinzwe neza, usibye imisozi miremire iteyeho imigano, nbirangizwa ku butumburuke bwo hasi, urusobe rw'ibinyabuzima byinshi byugarijwe bidahagararirwe mu rusobe rwa PA bibaho, ariko ibi binyabuzima biba byegeranye na n'isunzu rya Congo Nili (CND) kandi ntabwo yibandwaho n'umushinga wa CND wo mu Rwanda.

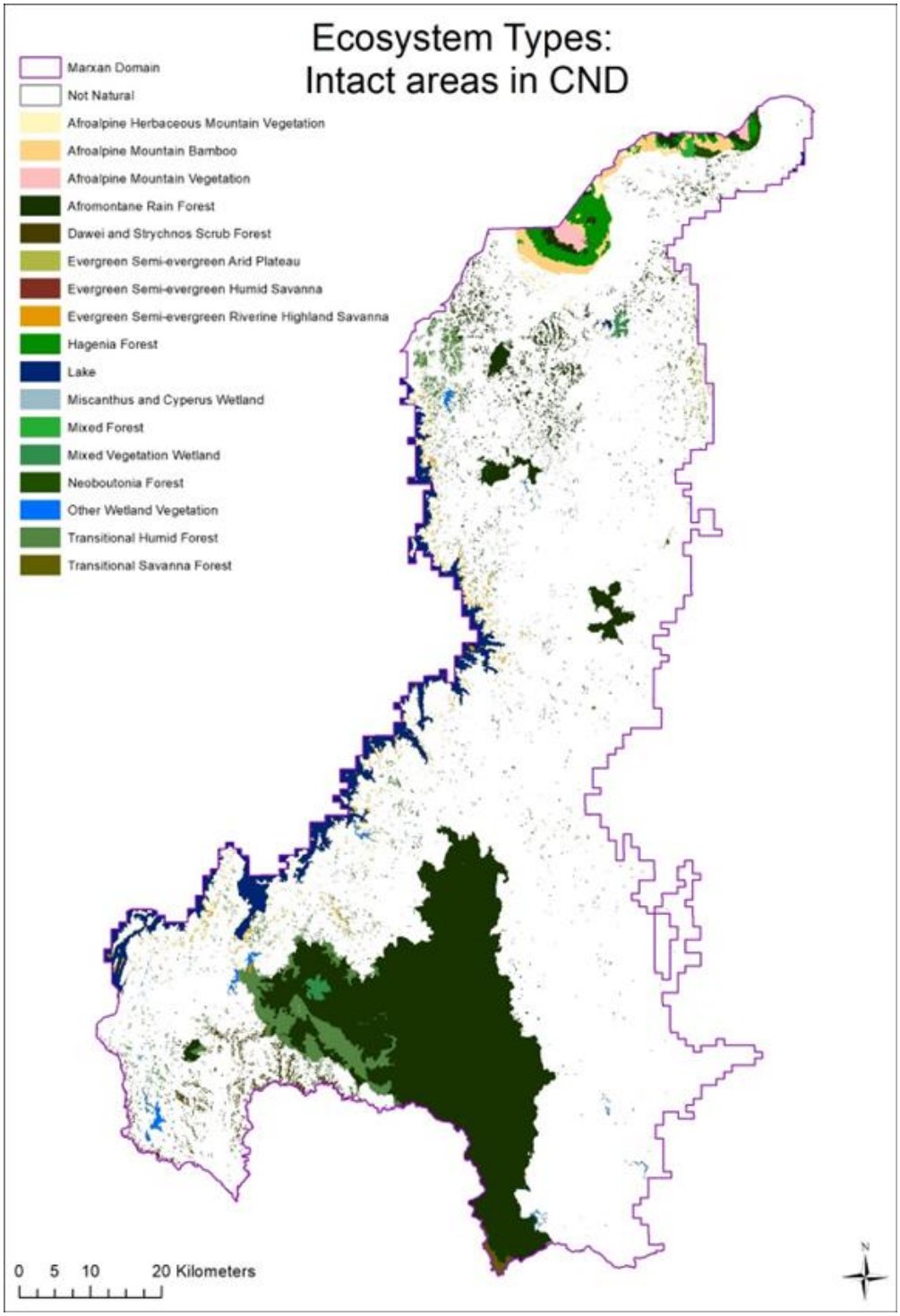
N'ubwo ku misozi irengeje ubutumburuke bwa metero 3 200 ku Isunzu rya Kongo-Nili (CND), hari ubundi bwoko bw'urusobe rw'ibidukikije by'ingenzi, cyane cyane urugano rwo mu misozi irengeje buriya butumburuke, ishyamba ry'ibiti bya "hagenia", ishyamba rivanze n'ibyatsi byo mu misozi irengeje ubutumburuke bwa metero 3 200, ahanini ibi bibungabingiwe cyane muri Pariki y'Igihugu y'Ibirunga (VNP) kandi byashyizwe mu byiciro by'ibiteye impungenge nkeya, ndetse n'ibindi byose birarinzwe cyane, uretse urugano rw'imisozi y'ubutumuruke burenze metero 3 200 rwugarijwe. Ku butumburuke bwo hasi, hari ibigize ibidukikije byugarijwe kandi bihagararirwe gake mu rugaga rwa PA, ariko ibyo bigize ibidukikije biri mu nkengero za CND kandi ntibiri mu bikorwa by'umushinga wa CND mu Rwanda.

Imbonerahamwe ya 2. Urusobe rw'ibimera byo mu Isunzu rya Congo Nili (CND), n'imibare igaragaza ubwoko bw'ibiti byahahoze kera n'ibisigaye.

Biome	Ecosystem Type	National Extent					CND Extent	
		National Extent (Original Extent) (ha)	Intact Extent (ha)	% Loss	Intact in PA (ha)	% of National PA Target	Extent in CND (Original Extent) (ha)	% of National Extent in CND
Core CND Ecosystem								
Montane Woodland	Afromontane Rain Forest	550 967	126 413	77.1	96 403	58.3	418 524	76
Afroalpine Mountain	Hagenia Forest	6 318	6 185	2.1	6 130	323.4	6 202	98.2
Humid Savanna	Evergreen Semi-evergreen Riverine Highland Savanna	37 295	5 228	86	104	0.9	36 676	98.3
Humid Savanna	Evergreen Semi-evergreen Humid Savanna	2 254	551	75.6	0	0	2 222	98.6
Afroalpine Mountain	Neoboutonia Forest	972	933	3.8	629	216.1	972	100
Humid Savanna	Transitional Humid Forest	102 736	17 475	82.9	9 213	30	102 736	100
Afroalpine Mountain	Afroalpine Mountain Bamboo	14 020	6 214	55.6	4 864	116	14 020	100
Afroalpine Mountain	Mixed Forest	546	542	0.5	535	327.4	546	100
Afroalpine Mountain	Afroalpine Mountain Vegetation	1 537	1 532	0	1 530	332.7	1 537	100
Humid Savanna	Dawei and Strychnos Scrub Forest	22 365	4 270	80.8	99	1.5	22 365	100
Afroalpine Mountain	Afroalpine Herbaceous Mountain Vegetation	606	603	0	584	323.2	606	100
Peripheral to CND								
Wetland	Miscanthus and Cyperus Wetland	110 182	92 078	16.4	42 199	127.7	9	0
Highland Plateau	Evergreen Semi-evergreen Arid Plateau	128 739	7 824	93.9	23	0.1	1 194	0.9
Wetland	Mixed Vegetation Wetland	14 932	6 673	55.3	1 660	37.1	1 393	9.3
Highland Plateau	Transitional Savanna Forest	421 785	11 589	97.3	828	0.7	53 214	12.6
Lake	Lake	144 352	143 399	0.7	15 364	35.5	20 184	14
Wetland	Other Wetland Vegetation	43 745	8 239	81.2	1 439	11	10 910	24.9



Ishusho ya 5. Ikarita y'urusobe rw'ibinyabuzima mu Isunzu rya Congo Nili n'amateka y'ubwoko bw'ibimera n'aho byahahoze byiganje. Byakuwe muri Rwanda draft ecosystem map (SANBI, 2022).



Ishusho ya 6. Ubwoko bw'urusobe bw'ibimera bitangiritse bisigaye mu Isunzu rya Congo Nile

3. URWEGO RW'AMATEGEKO N'INZEGO KU BIBAZO BY'IBIDUKIKIJE N'IMIBEREHO

Iki gice cya ESIA/ESMP cyerekana:

- Amasezerano asanzwe ahuriweho, Polititki, gushyira ho amategeko, ibisabwa n'ubuyozi uyu mushinga ugendereye.
- Ibyuho
- Gahunda z'inzego zabangamira cyangwa zikayobora ikorwa ry'umushinga.

Icyerekezo cy'u Rwanda 2050 Gishyiraho inzira nshya izageza igihugu ku gipimo cy'imibereho yo hagati y'ibihugu bikize n'ibihugu biri mu nzira y'iterambere muri 2035, ndetse n'ibihugu byinjiza amafaranga menshi mu 2050. Icyerekezo cy'u Rwanda 2050 gifite intego nyamukuru zo guteza imbere ubukungu n'iterambere, kandi ubuzima bwiza ku banyarwanda bafite intego zijyanye n'umushinga zigamije imibereho myiza, gushingira ku gishushanyo mbonera cy'imikoreshereze y'ubutaka n'iterambere ry'igihugu ndetse n'umuturage ukoresha ingufu zituruka ahantu hafite inkomoko irambye. Icyerekezo cy'u Rwanda 2050 kizagerwaho mu rwego runini rw'inzego n'amabwiriza agenga imibereho myiza n'ibidukikije bigizwe n'amasezerano y'ibihugu byinshi, itegeko nshinga, politiki y'igihugu, amategeko n'inzego.

3.1. Amasezerano ahuriweho n'ibindi bihugu yo kubungabunga ibidukikije

Repubulika y'u Rwanda yunze ubumwe mu masezerano menshi y'ibidukikije atanga amabwiriza ahamye neza kuri guverinoma inshingano mpuzamahanga zo kubungabunga ibidukikije

Amasezerano y'Umuryango w'Abibumbye yo kurwanya imyuka ihumanya ikirere (IEA ID# 3126). *Yatangiye kubahirizwa tariki 16-11-1998.* Intego nyamukuru y'aya masezerano ni ukugabanya ibyuka bihumanya ikirere "ku rwego rwabuza abantu kwangiza imiterere y'ikirere." Ivuga ko "urwego nk'urwo rugomba kugerwaho mu gihe gihagije kugira ngo urusobe rw'ibinyabuzima ruhindurwe mu buryo busanzwe n'imihindagurikire y'ikirere, kugira ngo umusaruro w'ibiribwa utabangamirwa, ndetse n'iterambere ry'ubukungu ritere imbere mu buryo burambye." Ihuza ibihugu binyamuryango gukora mu nyungu z'umutekano w'abantu kabone niyo haba hari ubumenyi bushidikwanywaho.

Amasezerano y'umiryango w'abibumbye ku ihindagurika ry'ikirere(IEA ID# 3273). *Yatangiye gushyirwa mu bikorwa kuwa 16-2-2005*. Amasezerano mpuzamahanga yari agamije kugabanya ibyuka bihumanya ikirere bigira uruhare mu gushyuha kw'isi kandi isaba ko hagabanywa imyuka ihumanya ikirere itandatu mu bihugu 41 hiyongereyeho Umuryango w'ubumwe bw'ibihugu by'Uburayi kugera kuri 5.2 ku ijana munsi y'urwego rwa 1990. Ibihugu bigomba gutanga umusanzu w'igihugu wemejwe. U Rwanda rwavuguruye uyu musanzu muri Gicurasi 2020 kugira ngo rube igishushanyo mbonera cyo guteza imbere ibikorwa by'imihindagurikire y'ikirere kandi byapimwe mu nzego z'ingenzi ari nako bayobora ibisubizo bihuriweho n'imiryango ya leta n'imiryango mpuzamahanga, NGOS, sosiyete sivile n'umuryango ushingiye ku baturage. Isuzuma rirambuye ryerekanye ubushobozi bwo kugabanya ibyuka bihumanya hafi miliyoni toni 4,6 z'imyuka yanduye. Iyi nyandiko irasobanura neza uruhare rw'imihindagurikire y'ikirere harimo ubutaka n'amashyamba binyuze mu guteza imbere ubuhinzi bw'amashyamba avanze n'imyaka, n'ubuhinzi burambye, guteza imbere amashyamba / gutera amashyamba ahantu hagenwe, kunoza imicungire y'amashyamba ku mutungo w'amashyamba wangiritse, uburyo bunoze bwo gutegura no gukurikirana imicungire irambye y'ubutaka.

Amasezerano yerekeranye ibinyabuzima bitandukanye (IEA ID# 3128). *Yatangiye kubahirizwa tariki kuwa 27-8-1996.* Amasezerano mpuzamahanga yubahiriza amategeko afite intego eshatu z'ingenzi: kubungabunga urusobe rw'ibinyabuzima bitandukanye; imikoreshereze irambye y'ibinyabuzima; no gusaranganya mu buryo buboneye kandi buringaniye inyungu zikomoka ku mikoreshereze y'umutungo kamere. Abagize ayo masezerano bemeje gahunda y'ingamba z'ibinyabuzima bitandukanye mu rwego rwo gufata ingamba z'ibihugu byose n'abafatanyabikorwa mu rwego rwo kubungabunga urusobe rw'ibinyabuzima n'inyungu biha abantu. U Rwanda rwashyizeho ingamba na gahunda y'ibikorwa by'ibinyabuzizma bitandukanye by'igihugu (2016) byerekana mu buryo bweruye amahame, ibyihutirwa n'intego kuri gahunda y'ibikorwa kandi bisaba ko habaho urusobe rw'ibinyabuzima mu nzego zose. Izo ngingo zigera ku kamaro k'ubwoko bwa kimeza muri gahunda y'ubuhinzi vuvanze n'amashyamba ndetse na gahunda yo gutera amashyamba.

Amasezerano ya Afurika yo kubungabunga ibidukikije n'umutungo kamere. *Yatangiye kubahirizwa tariki 5-3-1980. Yavuguruwe tariki 23-7-2016.* Intego ni ukongera imbaraga mu kurinda ibidukikije, kubungabunga amashyamba no kubungabunga umutungo kamere urambye, no guhuza politiki muri uru rwego mu gihe uburenganzira bw'abaturage bose ku bidukikije bushimishije bifasha iterambere ryabo ndetse n'inshingano z'ibihugu kugira ngo babigereho ko ibikenewe mu iterambere n'ibidukikije byujujwe mu buryo burambye, buboneye kandi bungana. Abari muri aya masezerano bafata ingamba zifatika zo gukumira iyangirika ry'ubutaka, nkuko bigaragara muri CND, kandi bagafata ingamba zo kwita ku butaka no kurwanya isuri, nk'uko bikabiririzwa n'ingaruka z'imihindagurikire y'ikirere.

Kurinda umurage w'umuco n'ibidukije by'isi (IEA ID# 2812). *Yatangiye kubahirizwa tariki 28-3-2001.* Aya masezerano ahuza amahame yo kubungabunga ibidukikije no kubungabunga umutungo w'umuco mu gihe hamenyekana uburyo abantu bakorana n'ibidukikije, ndetse n'ibyibanze bikenewe kugira ngo habeho uburinganire hagati y'ibihugu byombi. Uyu mushinga uzaba urimo uduce two muri parike y'igihugu ya Nyungwe ndetse no hafi yayo harebwa igihembo cy'umurage w'isi.

Amasezerano yo kurwanya ubutayu mu bihugu byibasirwa n'amapfa cyangwa ubutayu by'umwihariko muri Afurika (IEA ID# 3188). *Yatangiye kubahirizwa tariki 6-9-2001.* Aya ni yo masezerano mpuzamahanga yonyine ahuza ibidukikije n'iterambere mu micungire irambye y'ubutaka. Mu gihe ayo masezerano yibanze cyane cyane ku turere twumutse, kandi twinshi kandi twumutse , aho usanga bimwe mu bigize urusobe rw'ibinyabuzima byangirika, ingaruka z'imihindagurikire y'ikirere zishobora kugira ingaruka zikomeye aho utwo turere turimo twongera ingaruka z'ubutayu. Aya masezerano ashimangira uruhare rukomeye abagore bagize mu turere twibasiwe n'ubutayu cyangwa amapfa ndetse n'akamaro ko guharanira ko mu nzego zose uruhare rw'abagore n'abagabo muri gahunda zo kurwanya ubutayu n'ingaruka z'amapfa.Bityo muri uyu mujyo, tukamenya akamaro ko kugira uruhare runini rw'abagore n'abagabo muri uyu mushinga kugirango bagere ku guhangana n'imihindagurikire y'ikirere.

Amasezerano yo kubungabunga no guteza imbere birambye urusobe rw'ibinyabuzima muri afurika yo hagati(IEA ID# 4396). *Yatangiye gukurikizwa 12-3-2014.* Abagize aya masezerano, nk'abantu b'ingirakamaro ku mushinga wateganijwe, bagomba gufata ingamba zo kubungabunga no gucunga neza amashyamba no kubungabunga ibidukikije mu bikorwa by'igihugu by'ibanze, bagafata ingamba zigamije gushyira amashyamba n'ibikorwa by'imicungire irambye bijyanye na gahunda z'iterambere z'izindi nzego nko kongera gutera amashyamba, kongera ingufu mu kongera uruhare

rw'abaturage bo mu cyaro mu igenamigambi no gucunga neza urusobe rw'ibinyabuzima, kandi bikagira uruhare mu bucuruzi mu micungire irambye no kubungabunga urusobe rw'amashyamba.

Amasezerano mpuzamahanga yo kurengera ibimera (Inyandiko ya 1979 yaravuguruwe) (IEA ID# 2905). *Yatangiye gukurikizwa 26-8-2008*. Agamije kurinda ibikorwa bihujwe, bifatika byo gukumira no kugenzura iyinjizwa no gukwirakwiza udukoko twangiza ibihingwa n'ibikomoka ku bimera. Amasezerano arenze kurengera ibihingwa bihingwa kugeza kurinda ibimera n'ibikomoka ku bimera. Ireba ibyangiritse by'ako kanya cyangwa na nyuma byangiza udukoko, bityo bikubiyemo ibyonnyi. Irimo kandi ibinyabiziga, indege n'ubwato bunini, kontineri, ububiko, ubutaka n'ibindi bintu cyangwa ibikoresho bishobora kubika cyangwa gukwirakwiza udukoko. Ku mushinga ufite imbaraga zo gukorana na pepiniyeri no gutwara ibiti mu bice bya kure bya CND, kwita no gucunga kurinda ibimera ikwirakwizwa ry'ibinyabuzima bitera ni ngombwa cyane.

Intego z'iterambere rirambye (SDGs) zemejwe muri Nzeri 2015. Izi ntego 17 ku isi ni umuhamagaro w'isi yose wo kurandura ubukene, kurinda isi no guharanira ko mu 2030 abantu bose bazagira amahoro n'amajyambere. Ibi bigamije guteza imbere ubuzima bwiza n'imibereho myiza, ubwuzuzanye bw'umugore n'umugabo, abaturage barambye n'ibikorwa byo kubungabunga ikirere mu bandi.

Urwego ruhuza amategeko muri Afurika/akarerer/afurika y'iburasirazuba/Isi

- Gahunda ya Afurika Yunze Ubumwe muri 2063
- Icyerekezo 2050 cy'umuryango w'ibihugu by'Afurika y'iburasirazuba (EAC) cyemejwe muri Gashyantare 2016, cyibanda ku kurengera ibidukikije hashyirwa imbere abashoramari mu iterambere bafite uruhare runini mu mpinduka z'igihe kirekire, kongerera agaciro no kwihuta mu iterambere rirambye.
- Politiki y'imihindagurikire y'ibihe (2010) y'ibihugu bigize umuryango w'iburasirazuba (EAC) iyobora ibihugu by'abafatanyabikorwa mu gutegura no gushyira mu bikorwa ingamba rusange zo guhangana n'imihindagurikire y'ikirere mu karere ka EAC
- Igishushanyo mbonera cy'imihindagurikire y'ikirere (2011–2031) cyemeza ko "Abaturage, Ubukungu n'ibidukikije by'ibihugu bigize Umuryango wa EAC babungabunga ikirere kandi bikihanganira uko ikirere kigenze.
- Amasezerano yo kubungabunga ibidukikije ahuriweho n'ibihugu byinshi (MEAs) - Imihindagurikire y'ikirere bijyanye na MEAs.

3.2. Politiki, amategeko n'inzego by'igihugu

Guverinoma y'u Rwanda (GoR) yashyize imbaraga nyinshi mu guteza imbere inzego na politiki zifasha guhangana n'imihindagurikire y'ikirere binyuze mu iterambere ry'igihugu ndetse n'umurenge ndetse n'ingamba z'akarere ndetse na politiki n'inyandiko zitegura. Muri byo harimo:

Itegekonshinga rya Repubulika y'u Rwanda rya 2003- ryavuguruwe muri 2015 - Ni urwego ruhatse izindi ruyobora politiki y'ibidukikije n'imibereho myiza mu Rwanda hamwe n'ibice by'ingenzi byo kumenya aribyo:

- Ingingo ya 22 kuri "Uburenganzira bwo kuba ahantu hatunganye": Umuntu wese afite

uburenganzira bwo kubaho ahantu hasukuye kandi heza.

- Ingingo ya 53 yerekeye “Kurengera ibidukikije”: Umuntu wese afite inshingano zo kurengera, kubungabunga no guteza imbere ibidukikije. Yererekana kandi ko Leta ishinzwe kurengera ibidukikije. Icya nyuma, iteganya ko itegeko rishyiraho uburyo bwo kurengera, kubungabunga no guteza imbere ibidukikije.

Guverinoma y’u Rwanda (GoR) ifite **ingamba z’igihugu z’imihindagurikire y’ikirere no kugabanya ibyuka bihumanya ikirere**. Ingamba z’igihugu zishyiraho inzira yo guhangana n’imihindagurikire y’ikirere no kugabanya ihumana ry’ikirere mu nzego z’ingenzi z’ubukungu bw’u Rwanda. Ingamba zashyizeho icyerekezo cy’u Rwanda kuba iterambere ry’imihindagurikire y’ikirere, ukugabanuka k’ubukungu kubersa ihumana ry’ikirere, ubukungu bwubakiye ku kugabsnya ibyuka bihumanya ikirere muri 2050. Intego z’ingamba zigomba kugerwaho:

- Umutekano w’ingufu no kugabanya ikwirakwizwa ry’ibyuka bihumanya ikirere.
- Imikoreshereze irambye y’ubutaka no gucunga umutungo w’amazi bivamo kwihaza mu biribwa.

Minisiteri ibifite mu nshingano: Minisiteri y’imari n’igenamigambi

Gahunda ya 4: Uburyo bukomatanyije bw’igenamigambi no kubungabunga imikoreshereze y’ubutaka mu buryo burambye byibanda ku gukoresha uburyo bwuzuye bwo gutegura igenamigambi, kunoza imikoreshereze y’amakuru no gushyiraho politiki yo guhanahana amakuru mu gihugu.

Gahunda ya 12: Amashyamba arambye, Amashyamba avanze n’imyaka n’ingufu zituruka ku mirasire y’uzuba iyo ricanye ku bimera zirimo guteza imbere gutera amashyamba / kongera gutera amashyamba ahantu hagenwe, gukoresha imicungire myiza y’amashyamba ku mutungo w’amashyamba wangiritse, no guteza imbere amashyiga ya rondereza.

Ingamba z’igihugu zo kwihutisha iterambere, 2017-2024, (NST1).

Igena intego z’iterambere ry’u Rwanda kandi igahuza umubare munini w’imihigo ndende ku isi no mu karere, harimo: Intego z'iterambere rirambye (SDGs); Gahunda y’umuryango w’ubumwe bwa Afurika 2063 na gahunda yayo ya mbere y’imyaka 10 yo gushyira mu bikorwa 2014-2023; Umuryango w'Afurika y'Iburasirazuba (EAC) Icyerekezo 2050; n'inshingano ziva mu masezerano ya COP 21 Paris ku bijyanye n'imihindagurikire y'ikirere. Kongera guhangana n’imihindagurikire y’ikirere mu buhinzi n’imiturire y’abantu no kwibanda kuri gahunda z’imirimo ifitiye igihugu akamaro gakunze kwibasirwa n’imihindagurikire y’ikirere ni byo bintu byibandwaho mu ngamba. Mu gihembwe hagati, Ingamba z’igihugu zo guhindura, Gahunda ya Guverinoma to kwihutisha iterambere ya NST-1 /Imyaka irindwi (2017-2024) ishyira imbere uburyo bw’ubukungu bw’ibidukikije mu nkingi y’ihinduka ry’ubukungu buteza imbere “Gucunga neza umutungo kamere n’ibidukikije mu nzibacyuho U Rwanda rugana ku bukungu bw'icyatsi ”. Gukoresha neza umutungo kamere no kurengera ibidukikije no kugabanya gukoresha inkwi nka lisansi nabyo biza mu by’ibanze.

Minisiteri ibifite mu nshingano: Minisiteri y’imari n’igenamigambi

Igisobanuro ku mushinga: utumbereye ibikorwa biganisha ku bukungu bushingiye ku bidukikije. Urugero: Korora inzuki bya kijyambere,Rondereza).

Ingamba zo hugangana n’ihindagurika ry’ikirere no kongera ibidukikije (GGCRS)

Zashyizweho mu mwaka wa 2011 itanga igishushanyo mbonera cy'igihugu cyo kuba ikirere cy'imihindagurikire y'ikirere, ubukungu buke bwa karuboni mu 2050. Intego za GGCRS zirimo kugera ku mikoreshereze irambye y'ubutaka no gucunga umutungo w'amazi, no kugabanya ingaruka z'imihindagurikire y'ikirere.

Muri Gahunda y'Ingamba z'ibikorwa harimo uburyo Bwemye bwo gutegura imikoreshereze y'Ubutaka no gucunga imikoreshereze irambye y'ubutaka hamwe n'amashyamba , ubuhinzi b'amashyashyamba avanze n'ibyatsi n'ingufu z'ubushyuhe bw'izuba.

Minisiteri ibifiteho amakuru: Minisitiri w'imari n'igenamigambi na Minisiteri y'ibidukikije

Igisobanuro ku mushinga: utumbereye ibikorwa biganisha ku bukungu bushingiye ku bidukikije. Urugero: Korora inzuki bya kijyambere,Rondereza).

Itegeko N°48/2018 ryo ku ya 13/08/2018 rigenga ibidukikije mu Rwanda rigaragaza urwego rusange rw'amategeko ashyiraho kurengera no kubungabunga ibidukikije mu Rwanda. Igizwe kandi n'ibidukikije nk'imwe mu mpungenge za guverinoma y'u Rwanda. Ihame shingiro kuri politiki y'igihugu yo kurengera ibidukikije ritegura ingamba,na gahunda by'igihugu, bigamije kubungabunga no gukoresha umutungo urambye w'ibidukikije. Igice cya V cy'iri tegeko ryerekeye ibidukikije mu Rwanda rigenga ubushakashatsi bwo gusuzuma ibidukikije. Kuruhande rw'iri tegeko, binyuze mu Iteka rya Minisitiri No 001/2018 ryo ku wa 25/04/2018, hashyizweho urutonde rw'imishinga yose igomba gukorerwa EIA hashingiwe ku ngingo ya 3 n'iya 4 z'iri teka rya minisitiri.

Muri 2006, REMA yashyizeho amabwiriza ya EIA, atanga umurongo ngenderwaho n'ibisabwa kuri EIA mu Rwanda. Imishinga ifite ibyagiraingaruka mbi ku bidukikije irasaba inzira yuzuye ya EIA yo gufata ingamba zo kugabanya ibicuruzwa bityo **Iteka rya Minisitiri Nº001/2019 ryo kuwa 15/04/2019** rishyiraho urutonde rw'imishinga igomba gukorerwa isuzuma ry'ingaruka ku bidukikije, amabwiriza, ibisabwa n'uburyo bwo gukora gusuzuma ingaruka ku bidukikije.

Isesengura ry'inzego z'imikorere itandukanye mu Rwanda - Ibikorwa bikwiye byo kugabanya ibyangiza mu gihugu (NAMAs) (2015) yagaragaje inzego zirindwi z'ingenzi: ubuhinzi, Ubwubatsi, , ingufu, inganda, imikoreshereze y'ubutaka, ubwikorezi, n'imyanda. Muri ibyo, kongera umusaruro w'ibanze w'amashyamba y'u Rwanda nicyo cya mbere. Kubera ko ubutaka bwo gutera amashyamba ari umutungo muke cyane mu Rwanda, NAMAs yashyize imbere imicungire y'amashyamba hagamijwe byinshi kandi iharanira ko hashyirwaho imirima mishya kugira ngo igere mashyamba ateye ku rwego rwa 30%, hibandwa cyane ku misozi ihanamye kugira ngo guhuza ibikorwa byo kurinda no gutanga umusaruro. Mu bice by'imyubakire NAMAs yerekana ikoreshwa ry'amashyiga meza, amatara ya LED, hamwe n'ubushyuhe bw'amazi ava ku zuba hamwe n'ingufu ziva kmirasire y'izuba.

Minisiteri ibifite mu nshingano: Minisitieri y'ibidukikije

Ibyerekeye umushinga: Umushinga uteganya ibikorwa byo gushinga amashyamba mashya, kunoza imicungire y'amashyamba asanzwe no guteza imbere ikoreshwa ry'amashyiga atetse neza.

Gahunda z'igihugu zo guhangana n'ihindagurika ry'ikirere NAPA – Rwanda (2006) articulates

Igaragaza ibyihutirwa mu nzego z'ubukungu n'ingamba n'ibikorwa byihutirwa byo guhangana n'imihindagurikire y'ikirere. Ibintu bitandatu NAPA yashyize imbere ni: 1) Gucunga umutungo w'amazi (IWRM); 2) Gushyiraho uburyo bwo kumenyesha hakiri kare sisitemu z'ubuhinzi bw'amashyamba akenera amazi n'ubumenyi bw'iikirere hamwe n'uburyo bwihuse bwo gutabara; 3) Kuzamura ibikorwa

bitanga umusaruro utari uw'ubuhinzi; 4) guteza imbere ibikorwa by'ubuhinzi-bworozi bukomeye; 5) Kumenyekanisha amoko adashobora guhangana n'ikirere; no 6) Guteza imbere inkwi zindi nkomoko y'ingufu yo gucana.

Ibyerekeye umushinga: Umushinga uteganya ibikorwa byo gutera amashyamba nk'uburyo bwo guhangana n'ihindagurika (urugero: Kongera gutera amashyamba).

Ingamba z'igihugu ku gutera amashyamba avanze n'ibindi biti biribwa:

Mu mwaka wa 2010, Guverinoma y'u Rwanda yiyemeje kugarura ubuzima bw'ibidukikije bwa hegitari miliyoni ebyiri z'ubutaka, ahanini bikaba bihagarariye igihugu cyose. Iyi mihigo niyo yabaye iya mbere muri Afurika, kandi yiyemeje gushingira kuri Bonn Challenge, intego ku isi yose yo kugarura hegitari miliyoni 150 z'ubutaka bwangiritse muri 2020.

Ingamba z'igihugu z'ubuhinzi bw'amashyamba buvanze n'ibiti biribwa (2018-2027) ziherutse gutegurwa ku nkunga ya FAO. Intego yacyo ni ugushiraho igishushanyo mbonera cyo guteza imbere ubuyobozi n'imikoranire mu buhinzi bw'amashyamba no kujya mu bikorwa bihuriweho kugira ngo hongerwe ikoreshwa ry'ikoranabuhanga ry'ubuhinzi bw'amashyamba ku buso bw'ubuhinzi bw'u Rwanda n'ibishanga.

Ibyerekeye umushinga: Umushinga uzagera kuri iz ntego binyuze mu bikorwa byo gutera amashyamba avanze n'ibiti biribwa ndetse no kongerera ubushobozi abagore n'urubyiruko biciye mu guteza imbere gutera amashyamba avanze n'ibiti biribwa.

Politiki y'igihugu y'ubutaka (2019): Politiki y'igihugu y'ubutaka iteganya igihugu gifite igenamigambi n'imicungire y'imikoreshereze myiza y'ubutaka hagamijwe iterambere rirambye kandi rigashyiraho politiki n'inzego zo gushyira mu bikorwa igenamigambi ry'imikoreshereze y'ubutaka.

Minisiteri ibifite mu nshingano: Minisiteri y'ibidukikije

Icyo bimaze ku mushinga: Gushyira ingaruka z'imihindagurikire y'ikirere muri gahunda yo gukoresha ubutaka ni kimwe mu bigize umushinga.

Politiki y'igihugu y'amashyamba (2018) na gahunda y'igenamigambi noze y'urwego rw'amashyamba (FSSP 2018- 2022):

Politiki y'igihugu y'amashyamba yerekana ikwirakwizwa rya sisitemu y'ubuhinzi itanga umusaruro kandi wihanganira (intego y'ibiti bigera kuri 50 / ha muri 2022) nk'inkingi y'ingenzi y'ingamba zayo. Intego nyamukuru za FSSP ni: 1) kuzamura ubushobozi bw'ibigo by'amashyamba n'ababigaragaramo kugirango bahuze ibisabwa kugirango imicungire irambye y'amashyamba (SFM); 2) guharanira imicungire irambye y'amashyamba binyuze mu gushyira mu bikorwa gahunda yo gucunga neza amashyamba mu nzego zose; 3) gushishikariza abikorera kongera ishoramari mu rwego rw'amashyamba; 4) guteza imbere no gushyira mu bikorwa ibikoresho bikwiye kugira ngo itange ingufu zituruka ku zuba rirambye kandi neza; 5) kuzamura urusobe rw'ibinyabuzima n'indangagaciro bijyanye na gahunda z'igihugu ndetse n'amahanga; 6) kwemeza uruhare rw'abafatanyabikorwa mu micungire irambye y'amashyamba; na 7) guteza imbere ikoreshwa ryo gutera amashyamba avanze n'ibiti biribwa n'ibiti hbiri anze y'ishyamba (TOFo) bigira uruhare mu mutungo rusange w'amashyamba n'umusaruro w'ubuhinzi. Byongeye kandi, iyi Politiki y'amashyamba ishimangira akamaro k'amashyamba mu kurinda ubutaka, igice cy'ingenzi cy'umushinga uteganijwe.

Minisiteri ibifite mu nshingano: Minisiteri y'ibidukikije

Icyo bimaze ku mushinga: Umushinga uzatera inkunga izi ntego binyuze mu gutera amashyamaba avanze n'ibiti biribwa ndetse no kubakira ubushobozi biciye mu gutanga imbuto z'ingemwe zitanga amashyamba no kongera gutera amashyamba yononekaye.

Gutegura igishushanyo mbonera cy'imikoreshereze y'ubutaka bw'igihugu (NLUDMP 2020-2050)

NLUDMP irasaba kubungabunga km 1,389 z'amashyamba kamere hamwe na km 3.873 zisanzwe zatewe n'amashyamba hamwe n'amashyamba km 1.554 y'imisozi miremire. Mu buryo bubangikanye, gahunda izarinda 497 km² ya savana y'imbaho na 7 km² y'ibihuru. Ibizenga byose by'amazi n'uburebure bwayo, hamwe n'igishanga gikingiwe hamwe na n'uburebure bwaho, bizarindwa byimazeyo. NLUDMP iragaragaza kandi guhuriza hamwe amazu atatanye, kugabanya ingano y'amazu yo mu cyaro kugira ngo habeho guhuriza hamwe no kuvugurura gahunda y'imidugudu yo guturamo mu midugudu. NLUDMP ishyiraho kandi imbibi n'ubunini by'imiturire iteganijwe mu gihe ikigo cy'igihugu gishinzwe ubutaka (NLA) kizubahiriza imipaka mu gihe cyo kuyishyira mu bikorwa. Uburyo bwo gutura mu mijyi nk'uko bigaragara muri NLUDMP bizakenera kugishwa inama mugikorwa cyo gutera amashyamba no kongera gutera amashyamba.

Minisiteri ibishinzwe: Minisiteri y'ibidukikije

Akamaro ku mushinga: Umushinga uzagira uruhari kugirango intego zihariye za NLUDNP zigerweho harimo: Preservation current extent of natural forests (1,389 km²):

- Kubungabunga ubuso bw'amashyamba cyimeza (1,389 km²)
- Kubungabunga amashyamba yose yatewe ku buso bwa (3,873 km²)
- Gutera amashyamba ku buso bwa 1,554 km² bw'ubutaka buhanamye butwarwa >55%

Politike y'igihugu y'ibidukikije n'ihindagurika ry'ikirere (2019)

Yongeye gushimangira ubushake bw'u Rwanda mu guhangana n'imihindagurikire y'ikirere n'ingorane zishobora guterwa; Irahamagarira u Rwanda kwinjiza ibidukikije na gahunda yo guhangana n'ihindagurika ry'ikirere mu iterambere ry'igihugu; Gushishikariza ubufatanye bushya mu bigo biturutse muri sosiyete sivile ndetse no mu nzego za Leta n'abikorera kugira ngo bagere ku ntego za politiki zijyanye n'ikirere n'intego zirindwi zirimo guhindura ubukungu bw'ibidukikije, kurengera umutungo kamere, guteganya ibihe by'ikirere, kurwanya imihindagurikire y'ikirere, kugabanya ingaruka, guteza imbere ibidukikije imibereho myiza, gushimangira imiyoborere y'ibidukikije n'imihindagurikire y'ikirere, no guteza imbere ishoramari ry'ibidukikije

Akamaru ku mushinga: umushinga uteganya imikoranire muri guverinoma, sosiyete sivile, imiryango itegamiye kuri leta n'ibigo byigenga kugirango intego 7 zigerweho.

Muri iyi **Politiki, Umusanzu w'u Rwanda ugenwa ku rwego rw'igihugu (NDC)** wubatswe ku **ngamba zo guhangana n'imihindagurikire y'ikirere (GGCRS)** kandi wibanda ku kurwanya imihindagurikire y'ikirere. NDC ishimangira cyane amashyamba arambye, ubuhinzi bw'amashyamba, n'ingufu za biyomasi nka imwe muri gahunda zishyirwa mu bikorwa hagamijwe kugera ku nyungu zoroheje n'itikomeye zo kugabanya no gukumira. Ingamba zinyongera zirimo tekinike y'ubuhinzi;

guteza imbere kubungabunga ubutaka n'ubworozi bw'ubutaka (amaterasi n'ubuhinzi); kongera kuhira no gucunga amazi harimo no gufata amazi y'imvura; gutera amashyamba binyuze muri gahunda yo kubika imbuto yo kwigiraho yongerewe ubumenyi hamwe na tekiniki mu gutera no nyuma yo gutera; kunoza imicungire y'amashyamba ku mutungo w'amashyamba wononekaye; no gukoresha mu buryo burambye bw'ingufu ziva ku bicanwa binyuze mu kongera gufata neza na biyogazi na rondereza.

Minisiteri ibishinzwe: Minisiteri y'ibigukikije

Akamaro k'umushinga: Umushinga uzagira uruhari muri NDC (Gutera amashyamba, Gutera amashyamba avanze n'ibiti biribwa).

Intego **y'Itegeko rigenga urusobe rw'ibinyabuzima mu Rwanda (N°064/2021 ryo ku wa 14/10/2021)** ni ukubungabunga, gucunga, kurinda no guteza imbere ibinyabuzima bitandukanye. Iri tegeko (Umutwe wa II) rirasobanura ishyirwaho ry'ahantu ho kubungabunga ibidukikije, ahantu harinzwe, parike y'igihugu ndetse n'inyamanswa zikomeye. Irerekana kandi imikoreshereze y'ubutaka mu turere turinzwe kimwe n'ibikorwa bibujijwe mu turere turinzwe. Imicungire y'utwo turere, harimo kugena imipaka n'uturere ducunzwe, irashobora gusobanurwa mu yandi mategeko yihariye (urugero, Itegeko N ° 45/2015 Gushyiraho Parike y'igihugu ya Gishwati-Mukura, reba hano hepfo). Igice cya III cyerekana abayobozi bashinzwe gucunga ibinyabuzima bitandukanye. Iri tegeko ribuza kandi guhindura no gutandukanya igice icyo ari cyo cyose cya parike y'igihugu cyangwa ahantu nyaburanga, keretse hakurikijwe amategeko abigenga (ingingo ya 7). Byongeye kandi, kwinjiza ubwoko bw'abanyamahanga mu gihugu birabujijwe, keretse iyo uruhushya rwihariye rutanzwe n'ubuyobozi bubifitiye ububasha hagamijwe ubushakashatsi, kubungabunga cyangwa izindi mpamvu nk'izo nyuma yo gusuzuma ingaruka z'ibinyabuzima bitandukanye (ingingo ya 14). Amategeko ahana n'ihazabu umuntu uwo ari we wese urenga mu gace karinzwe kandi ihazabu igwizwa na batanu mu gihe ayo makosa yakozwe n'isosiyete, koperative cyangwa undi muryango uwo ari wo wose waba uw'igihugu cyangwa mpuzamahanga (ingingo ya 55).

Minisiteri ibishinzwe: Minisiteri y'ibidukikije

Akamaro ku mushinga: Ibikorwa by'umushinga bizabera aho kubungabunga ibidukikije no kubirinda biri ndeste no hafi yabyo, bityo rero guhuza inshingano z'ubuyobozi buteganijwe mu mategeko bizaba ngombwa. Irerekana kandi inzira zo kubana kw'abantu n'ibinyabuzima, bigashyiraho urwego rw'ubuzima bw'abaturage n'umutekano kuri iki kibazo.

Izindi gahunda n'ingamba za politiki z'ingenzi mu nzego zitandukanye zo kubungabunga ibidukikije n'umutungo kamere

Politiki y'imijyi no gutuza abantu (2002); Politiki y'igihugu y'ubutaka (2004); Politiki y'igihugu yo gutanga amazi n'isuku (2010); Politiki yo gucukura amabuye y'agaciro (2010); Politiki y'igihugu yo gucunga umutungo w'amazi (2011); Politiki y'igihugu y'ibinyabuzima (2011); Gahunda y'ibikorwa by'ibidukikije n'ikirere (2013/14 2017/18); Gahunda yo gucunga umutungo w'amazi, Gahunda y'ingamba (2011-2015); Gahunda y'amazi, ikirere n'iterambere (2013); Politiki yo kwegereza ubuyobozi abaturage (2012); Igishushanyombonera cy'imikoreshereze y'ubutaka n'iterambere ry'igihugu (2020); Gahunda y'Ingamba zo Guhindura Ubuhinzi mu Rwanda (2009); Igishushanyombonera cy'ubukerarugendo bw'igihugu kirambye (2015); Gahunda y'Ingamba ku bidukikije n'umutungo Kamere 2018-2024; na gahunda y'iterambere ry'akarere ukwako hamwe na

gahunda y’ umudugudu w’icyitegererezo (IDP).

Itegeko ryo muri 2018 n'iteka rya Minisitiri ryo muri 2019 risimbuza itegeko ryerekeye kurengera ibidukikije, itegeko ngenga 08/2005 ryo ku wa 08/04/2005, n'itegeko rya minisitiri ku isuzuma ry'ibibangamira ku bidukikije (EIA) (003/2008, 004/2008) n’amabwiriza rusange n’uburyo bukoreshwa muri EIA. Ibi zi ngamba zose zitanga umurongo mu rwego rw’amategeko wo gusuzuma ibibangamira ibidukikije n’imibereho. Itegeko ryerekeye kurengera ibidukikije rigena uburyo bwo kurengera, kubungabunga, no guteza imbere ibidukikije mu Rwanda. Ikigo gishinzwe imicungire y’ibidukikije mu Rwanda (REMA) ni ikigo cya Leta gifite ubuzimagatozi n’ububasha bwo gushyira mu bikorwa ingingo z’iri tegeko. Mu ngingo ya 67 y’itegeko ngenga 04/05, buri mushinga ugomba gukorerwa isuzuma ku bintu bibangamira ibidukikije (EIA), mbere yo kubona uruhushya rwo kubishyira mu bikorwa. Ibi bireba gahunda na politiki bishobora kugira ingaruka kubidukikije. Bishyiraho kandi urutonde rw’ibikorwa cyangwa gahunda zigomba gusuzumwa ku bintu byabangamira ibidukikije mbere yo gutangira. Ibice bitatu by’umushinga wateganyijwe bihuye n’ibisobanuro by’imishinga isaba EIA, bityo bishyiraho ubu bushakashatsi bwa ESIA.

AMATEGEKO AJYANYE NA PARIKI Z'IGIHUGU

Isunzu rya Congo-Nile (CND) ritandukanya ikibaya cy'amazi cyo muri Kongo n'imigezi ya Nili kirimo kandi amashyamba ahanamye ari na yo asigaye mu Rwanda. Aya mashyamba akikijwe na parike eshatu z'igihugu muri aka karere, Pariki y'ibirunga (VNP), Parike y'igihugu ya Gishwati-Mukura (GMNP), na Parike y'igihugu ya Nyungwe (NNP). Itegeko n°064/2021 ryo ku wa 14/10/2021 rivuga iby'urusobe rw'ibinyabuzima risobanura parike y'igihugu nk'ahantu nyaburanga, karemano cyangwa nk'uduce, cyangwa amazi meza y'inyanja acunzwe na Leta kugira ngo abungabunge ibikorwa bigari by'ibidukikije, hamwe no kuzuzanya k'urusobe rw'ibinyabuzima n'ibidukikije."

Iryo tegeko mu ngingo yaryo ya 6 ryerekana ko "Agace karinzwe kabungwabungwa ngo katangizwa kashyizweho hakurikijwe amategeko abigenga". Ni muri urwo rwego rw'ibyavuzwe haruguru ko parike eshatu z'igihugu zirebwa n'aha hantu umushinga uzakorera zose zashyizweho n'amategeko. Amategeko ashyiraho kandi agace gatandukanya ubutaka bubungabungwa n'ubundi bukoreshwa ndetse bukabungabungwa hakurikijwe amategeko agena imikoreshereze y'ubutaka, ibidukikije n'amashyamba

A. ITEGEKO Nº45/2015 RYO KUWA 15/10/2015 RISHYIRAHO PARIKI Y'IGIHUGU YA GISHWATI-MUKURA

Iri tegeko rishyiraho parike y'igihugu ya Gishwati-Mukura. Rigena kandi imbago zayo, ubuso n'agace kazengurutse ubutaka bubungabungwa kakabutandukanya n'ubundi. Iri tegeko rigena ko Parike y'igihugu ya Gishwati-Mukura igizwe n'ubuso bungana na hegitari igihumbi magana atanu na mirongo irindwi (1.570Ha) hamwe na Mukura ifite ubuso bwa hegitari igihumbi magana cyenda na mirongo inani n'umunani (Ha 1,988); ubuso bwose ni hegitari ibihumbi bitatu magana atanu na mirongo itanu n'umunani (3,558Ha). Iyi parike izengurutswe n'agace kayitandukanya n'ubundi butaka kari ku buso bwa hegitari magana cyenda na mirongo itandatu n'ebyiri (962 Ha) murizo harimo hegitari magana abiri na mirongo itandatu na gatandatu (266 Ha) y'ubutaka bwa Gishwati na hegitari magana atandatu mirongo cyenda na gatandatu (696 Ha)) ni agace gatandukanya ubutaka bwa Mukura n'ubundi. Imbibi za parike n'agace kayitandukanya n'ubundi butaka kimwe n'ikarita ya parike bisobanurwa ku mugereka w'amategeko.

B. ITEGEKO N° 22/2005 RYO KUWA 21/11/2005 RISHYIRAHO PARIKI Y'IGIHUGU YA NYUNGWE

Iri tegeko rishyiraho parike y'igihugu ya Nyungwe. Itegeko rigena neza ingano n'imbibi za parike n'andi mashyamba akikijwe na parike. Pariki y'igihugu ya Nyungwe igizwe na Pariki y'igihugu ya Nyungwe iri ku buso bungana na hegitari ibihumbi ijana na kimwe na maganatanu na cumi n'eshanu n'ibice mirongo itanu n'icyenda (101,515. 59 ha), Ishyamba rya kimeza rya Cyamudongo rifite ubuso bwa hegitari ibihumbi magana ane na mirongo itatu n'ibice mironog itatu n'umunani (430.38 ha) n'ishyamba rya kimeza rya Gisakura rifite ubuso bwa hegitari cumi n'imwe n'ibice mirongo irindwi (11,70). Ubuso bwose bungana n'ibihumbi ijana nakimwe na maganacyenda na mirongo itanu n'icyenda n'ibice mirongo itandatu na birindwi (ha 101,957.67). Iri tegeko kandi, mu ngingo yaryo ya 2, rishyiraho agace gatandukanya Parike ya Nyungwe n'ubundi butaka gafite ubuso bungana na hegitari ibihumbi icumi na mirongo inani na gatanu n'ibice makumyabiri n'biri (10.085. 22 ha).

C. PARIKI Y’IGIHUGU Y’IBIRUNGA (VNP)

Parike y’ibirunga yashizweho n’itegekoteka ryo ku ya 26 Ugushyingo 1934. Imbibi za parike n’agace kadakorwaho gatandukanya pariki n’ubundi butaka byagiye bivugururwa mu bihe bitandukanye. Kuri ubu parike ifite ubuso bwa kilometero kare 160.

AMATEGEKO Y’UTURERE KU IGENAMIGAMBI RY’IMIKORESHEREZE Y’UBUTAKA

Gushyiraho gahunda y’imikoreshereze y’ubutaka ku rwego rw’akarere bishyirwaho kandi bikagengwa n’amategeko y’igihugu n’ibindi byifashishwa nk’amabwiriza.

A. ITEGEKO N°24/2012 RYO KUWA 15/06/2012 RYEREKEYE IMIKORESHEREZE NO GUTEZA IMBERE UBUTAKA MU RWANDA

Itegeko mu ngingo yaryo ya 8 riteganya ko “Hatirengagijwe ibiteganijwe muri gahunda rusange ku rwego rw’igihugu, buri karere gategura igishushanyo mbonera cyako gishingiye kuri gahunda y’iterambere ry’akarere. Buri karere kandi gategura gahunda yo guteza imbere imijyi na gahunda bwite, hashingiwe ku nama njyanama y'akarere ”.

Mu gika cyo hejuru, birumvikana neza ko akarere gafite ububasha gahabwa n’itegeko bwo gutegura igishushanyo mbonera.

B. IGISHUSHANYO MBONERA N’IMIKORESHEREZE Y’UBUTAKA BW’IGIHUGU (2020-2050)

Igishushanyo mbonera cy’imikoreshereze y’ubutaka n’iterambere bigamije gushakira igisubizo ibibazo by’abakoresha ubutaka kimwe no kwerekana icyerekezo n'ingamba zo gushyira mu bikorwa icyerekezo 2050. Gitanga inyandiko inoze yo gukoresha ubutaka bw’igihugu. Irimo abakoresha y’ubutaka b’ibanze, harimo gusa ntibugarukira mu buhinzi, inganda, gutura, amashyamba n’imihanda. Gahunda igomba koherezwa kandi igashyirwaho mu gihe uturere dutegura gahunda zayo.

C. AMABWIRIZA Y’IMIKORESHEREZE Y’UBUTAKA BWA LETA

Aya mabwiriza yatangajwe muri 2017 na Minisiteri y’ibidukikije mu Rwanda. Intego y'inyandiko ni iyo gufasha gusobanukirwa imikoreshereze n'imicungire by'ubutaka no guha umurongo gahunda yo gutegura imikoreshereze y’ubutaka no kubuteza imbere mu Rwanda haba ku rwego rw'igihugu, umujyi wa Kigali nsetse n'akarere.

3.3. Urwego rwa politiki y’imibereho myiza

Gahunda yo kurengera imibereho y’abaturage (SP-SSP) 2018/19 – 2023/24

Ingamba z'ibanze z'igihugu zo guhindura imibereho y'abaturage (2018-2024) zashimangiye uruhare rwo kurengera imibereho y'abaturage mu ngamba z'u Rwanda zo kurandura burundu ubukene bukabije mbere yo muri 2024 no gutanga imibereho myiza mbere mu 2050. Politiki y'igihugu yo kurengera imibereho myiza y'abaturage yavuguruwe muri (2018) nayo yemeje ubushake bw'u Rwanda mu iterambere rya gahunda ihamye yo kurengera imibereho ishingiye ku mico myiza y'iterambere ridaheza , kwigira, uruhare rw'abaturage, gutanga serivise inoze, no n'ubumwe bw'igihugu. Politiki itanga icyerekezo cyiza cyo kurengera imibereho y'abaturage ikubiyemo umutekano w'abaturage, gufasha abaturage mu bikorwa by'igihe gito, serivisi zita ku mibereho, hamwe n'imibereho myiza n'akazi. Guverinoma y'u Rwanda yashyizeho uburyo bwo gushyira mu byiciro abanyarwanda bose bashingiye ku mibereho n'ubukungu byitwa **Ubudehe**. Ifite uruhare runini mu kugena umutungo wa leta ugamije kurengera imibereho.

Muri iyi politiki hari ibyiciro bitanu bishya aho abanyarwanda bashyirwa mu byiciro bitewe n'imibereho n'ubukungu byabo. Ibyiciro by'ubudehe bitondekanya kuva ku bakene cyane kugeza ku bantu bakize. **Icyiciro E** (icyiciro cyihariye) n'icyiciro cy'imiryango iteganijwe inkunga yose na Leta - harimo abantu badafite imbaraga z'akazi bitewe n'imyaka, ubumuga bukomeye cyangwa indwara zidakira kandi nta mutungo bafite, nta n'ubwo bafite ahandi bakura amikoro. Hashobora no kubamo ingo zifite umutware w'urugo urengeje imyaka 65 adafite icyo yinjiza cyangwa se umukuru w'urugo ari munsi y'imyaka 18 kandi adafite aho akura amikoro. Iki cyiciro gishobora kandi kubamo ingo ziyobowe n'umuntu ukiri ku ishuli.

Ibyiciro C & D birimo ingo zihagije zibonera amikoro mu bikorwa byo kurengera imibereho n'ibokorwa mu nzego nyinshi kandi bagomba gusinya (Imihigo) kugirango bazimuke bajye mu kindi cyiciro mugihe cy'imyaka 2. **Icyiciro D** gifite ingo zinjiza amafaranga atarenga 45.000 buri kwezi (abakozi basanzwe) naho mu cyaro batunze munsi ya hegitari. **Icyiciro C** kigizwe n'ingo zinjiza hagati y'amafaranga 45.000 na 65.000 buri kwezi naho mu cyaro zifite hagati ya hegitari 5 na 1. Ibyiciro **A & B** birimo ingo zifite amahitamo atandukanye y'ubuzima kandi zishoboye bituma imiryango yigira kandi inivana mu bukene. Bimwe mu bipimo by'akarere biri hejuru by'imiryango iri mu byiciro **C, D, & E** by'ubudehe biherereye mu gace k'isunzu rya Kongo Nilii (CND). urugero, akarere ka Nyamasheke gafite ubukene ku gipimo cya 69% (muribo 45% ni ubukene bukabije) naho uturere twa Karongi, Rutsiro, na Ngororero dufite igipimo kirenga 45%. Uturere twa Rusizi na Rubavu turi munsi y'ikigereranyo cy'igihugu aho 33% na 35% by'abaturage bakennye[18].

Relevant ministries: Ministry of Local Government and Ministry of Finances and Economic Planning.

Akamaro ku mushinga: Umushinga uteganya uburyo dudaheza bureba icyiciro C,D,E.

Itegeko ry'umurimo N° 66/2018 ryo kuwa 30/08/2018 n'andi mabwiriza ya Minisiteri ku buzima n'umutekano mu kazi. Aya Mategeko hamwe n'amabwiriza ajyanye nayo akemura ibibazo by'ubuzima n'umutekano mu Rwanda harimo no kwerekana ko abakoresha batanga ibikoresho by'ubutabazi bw'ibanze mu kazi, ugusobanukirwa n'ingamba zo guhungisha ubuzima mu gihe habaye ikibazo cyihutirwa, abayobozi ku kigo nderabuzima cyegereye. Aya mabwiriza kandi areba ko hari ibikoresho bihagije byo kurinda, guhugura abakozi kubijyanye no gukoresha neza ibikoresho byose

18 National Institute of Statistics of Rwanda (2018). Fifth Integrated Household Living Conditions Survey (EICVM) 2016/2017, December 2018

n'izindi ngamba zisa nazo zo kongera ubumenyi bw'abakozi kugirango bakore akazi kabo neza. Amategeko ateganya kandi uburyo bwo kugenzura umurimo aho abagenzuzi bashobora kwinjira ku kazi igihe icyo ari cyo cyose kugira ngo babone ubwiteganyirize n'umutekano ku kazi harimo no kugenzura imirimo ikoreshwa abana no kureba byo gukemura amakimbirane hagati y'abakozi n'abakoresha.

Minisiteri ibifite mu nshingano: Minisiteri y'abakozi n'umurimo na Minisiteri yo gucunga ibiza n'impunzi, Minisiteri y'ibikorwaremezo, Minisiteri y'umutungo kamere n'iyibidukikije na Minisiteri y'ubuzima.

Akamaro ku mushinga: Umushinga uzubahiriza ibipimo mpuzamahanga by'imibereho ku murimo n'umutekano nk'uko biteganijwe muri iyi nyandiko..

Politiki y'igihugu yo kurandura imirimo ikoreshwa abana. Iyi politiki igamije gukuraho no gukumira imirimo mibi ikoreshwa abana mu bihe byateza impanuka mu kazi, gusubiza mu buzima busanzwe abana bakuwe mu mirimo y'agahato, kongerera ubumenyi abantu ibijyanye no gukoresha imirimo no kubumvisha uruhare rwabo mu mirimo ikoreshwa abana..

Minisiteri ibifite mu nshinagano: Minisiteri y'abakozi ba leta n'umurimo

Akamaro ku mushinga: Umushinga uzubahiriza ibipimo mbonezamubano by'imibereho ku murimo n'umutekano nk'uko biteganijwe muri iyi nyandiko.

3.4. Urwego rwa politiki y'iterambere ry'ubukungu

Gahunda y'igihugu yo kwihutisha iterambere (NST1) (ni ukuvuga, Gahunda ya goverinoma y'imyaka irindwi [7YGP]) ikora nk'inzira yo kuva mu cyerekezo 2020 tugana mu cyerekezo 2050[19].

NST 1 ni ugukomeza kwa gahunda y'imbaturabukungu no kurandura ubukene ya 2 (EDPRS 2), kandi intego yayo ni iyo kwihutisha impinduka n'iterambere ry'ubukungu hamwe n'inzego 'abikorera. NST1 itanga umusingi kandi yibanda ku nkindi 3:

- Kwihutisha ubukungu
- Guhindura imibereho myiza
- Impinduka mu miyoborere

Izi ngamba kandi zizashyira imbere ibintu bibangamiye iterambere bikirikira: Kubaka ubushobozi, virusi itera SIDA n'indwara zitandura, ubumuga no kudaheza, ibidukikije n'imihindagurikire y'ikirere, kwishyira hamwe kw'akarere hamwe no kugira umwanya mu ruhando mpuzamahanga, uburinganire n'iterambere ry'umuryango, gucunga ibiza.

Minisiteri ibifite mu nshingano: Minisiteri y'imari n'igenamigambi

Akamaro ku mushinga: Umushinga uteganya uburyo butabera bw'akazi buzatuma u Rwanda rugana mu bukungu bushingiye ku bidukikije.

Gahunda kuvugurura ubuhinzi mu Rwanda igice cya III (PSTA III) - Muri iyi gahunda yo kuvugurura ubuhinzi mu gihugu ikora mu gihe kimwe nka EDPRS, kubungabunga n'ubuhinzi

19 http://ipar-rwanda.org/what-we-do/research-policy-analysis/ongoing-research-projects/article/vision-2020-assessment-and-mid-term-evaluation-of-national-strategy-for

n’ubutaka bworororerwaho bishimangirwa n’inzego zinyuranye zo kurengera ubutaka nka (i) gupima amaterasi y’ahantu hahanamye kugeza kuri 91% muri 2017 no (ii) imikoreshereze y’amashyamba avangwa n’imyaka kuri 90% by'abahinzi muri 2017. PSTA III ishimangira kandi ko hakenewe kuhira no gucunga amazi nk'uburyo bwo guhinga duhangana n'imihindagurikire y’ikirere kugira ngo haboneke umusaruro mwinshi, ibyo bikaba bikubiyemo amakuru y’imigezi n’ibishanga ku micungire y’amazi kugira ngo hashyirweho uburyo bwo kuburira no kunoza imiyoboro y’amazi mu rwego rwo guteganya neza imihindagurikire y’ikirere harimo imyuzure, amapfa n’ubuke.

Minisiteri ibifite mu nshingano: Minisiteri y’ubuhinzi n’ubworozi

Akamaro ku mushinga: Umushinga uteganya ibikorwa byo guteza imbere ubuhinzi (urugero: amaterasi y'indinganire, ubuhinzi bw’amashyamba avanze n’imyaka)

Ibipimo mpuzamahanga ngenderwaho mu kubungabunga ibidukikije mu buryo burambye (FONERWA ESMF&RPF), aya mahame mpuzamahanga arakurikizwa:

- Ibigo bya Banki y’isi (WBG) ikigo mpuzamahanga cy’imari (IFC) n’ibipimo ngenderwaho by’ibidukikije n’imibereho.
- Amabwiriza y’ikigo cya banki y’isi cy’ibidukikije, ubuzima n’umutekano (EHS).
- Amabwiriza ya FAO ku miyoborere y’imikoreshereze y’ubutaka, uburobyi n’amashyamba mu rwego rwo kwihaza mu biribwa kw’igihugu (VGGT).
- Amahame remezo n’umuryango w’abibumbye ku bijyanye n’iterambere rishingiye ku kwimura no kwimurwa, Ibipimo ngenderwaho by’umurimo by’ikigo mpuzamahanga gishinzwe umurimo (ILO).
- Igenzura ku bidukikije n’iminbereho myiza no gusesengura iby’ikirere.
- Kurinda ihohoterwa rishingiye ku gitsina no gutotezwa (SEAH) binyuze mu mahame ngengamyitwarire byerekana mu buryo bweruye kutihanganirana ihohoterwa rishingiye ku gitsina ryagaragara mu bakozi bose n'amahugurwa ku bakozi bose ku mahame ngengamyitwarire.

3.5. Isuzuma ku cyuho kiboneka

Iki gice kigereranya politiki yo kubungabunga ibidukikije n’imibereho n’ibipimo ngenderwaho bya GCF/amahame mpuzamahanga y’imikorere myiza hamwe na politiki n’amategeko ya guverinoma y’u Rwanda (GoR) n’amategeko ndetse n’inama zerekana uburyo bwo kubishimangira.

Imbonerahamwe 2: Imbonerahamwe igereranya ya politiki ya leta ijyanye no kubungabunga ibidukikije n'imibereho myiza, icyuho n'ibyifuzo

GCF	Ibikorwa mpuzamahanga n'ibipimo by'bidukikije n'imibereho	Guverinoma y'u Rwanda	Ibyuho& Ibyifuzo
Ibyiciro by'umushinga A/ B/ C	Muri rusange, gahunda yarasuzumwe ko ifite ibibangamiye imibereho bijyanye n'icyiciro B cya GCF.	Ikigo gishinzwe imicungire y'ibidukikije mu Rwanda (REMA) ni ikigo cya Leta gifite ubuzimagatozi n'ububasha bwo gushyira mu bikorwa ingingo z'iri tegeko. Mu ngingo ya 67 y'itegeko ngenga 04/05, buri mushinga ugomba gukorerwa isuzuma ry'ibintu bibangamira ibidukikije (ESIA), mbere yo kubona uburenganzira rwo kubishyira mu bikorwa. Ibi bireba gahunda na politiki bishobora kubangamira kubidukikije. Iteka rya minisitiri N ° 004/2008 ryo kuwa 15/08/2008 rishyiraho urutonde rw'ibikorwa cyangwa gahunda bigomba gusuzumwa ibibangamira ibidukikije mbere yo gutangira. Ibice bitatu biri muri uyu mushinga uteganijwe bihuye n'ibisobanuro by'imishinga isaba EIA ivugwa kumugereka wa 2 w'iri teka rya minisitiri, bisobanuye gushyiraho iyo nyigo ya ESIA.	Amategeko y'igihugu n'amabwiriza ya ESIA byibanda cyane cyane ku mishinga aho ibyayibangamira cyane biteganyijwe. Kugirango hizerwe ko ibintu bito nabyo byabangamira ubuzima n'ibidukikije n'ibidukikije byagaragajwe ibi bijyanishwa n'ibipimo mpuzamahanga na politiki ya GCF.
Gusuzuma no kubungabunga ibibangamira ibidukikije n'imibereho n'umusaruro wabyo	Isobanura ko utaziguye ku bidukikije n'imibereho bigomba kwitabwaho mu suzuma umusaruro.		
Umurimo n'uburyo bw'imikorere	Umuryango mpuzamahanga wo kurengera umurimo (ILO) ushyiraho amahame yo mu rwego rwo hejuru akoranye ubushishozi ku miterere y'akazi n'umirimo, icyane cyane harebwa ibyatera 'imirimo ikoreshwa ku gahato, imirimo mibi ikoreshwa abana n'ingaruka ziterwa n'ihohoterwa rishingiye ku gitsina,no gutotezwa;	U Rwanda rwashyize mu bikorwa Politiki n'amabwiriza y'igihugu ku bijyanye nubuzima n'umutekano mu kazi kimwe n'umurimo n'imiterere y'umurimo bijyanye n'ibipimo bya ILO by'umurimo. Ibi bikubiyemo ingingo zo gukumira imirimo mibi ikoreshwa abana, itajyanye n'ubushobozi bwabo, byakwangiza ubuzima bwangiza (urugero, gukora ijoro, akazi kavunanye, umwanda, cyangwa ibintu byateza akaga) cyangwa bikamubuza kwiga ndetse n'imyitwarire. Amabwiriza ya OHS areba neza ko hagenzurwa ibibazo by'umutekano, gusuzuma umutekano w'akazi mu gihe cyo gutegura umushinga, guwutunganya, no kugenzura ubwubatsi. Ibibazo bya OSH bikunze gushyirwa mubikorwa byo gukurikirana ibidukikije mu gihe cyo gushyira mu bikorwa gahunda z'ubuhinzi	Mu rwego rwo kwirinda, imishinga moto yose hamwe ijyanye n'uburyo bwo gutanga akazi bizasuzumwa ku ngaruka zijyanye n'umurimo n'uburyo bw'imikorere

GCF	Ibikorwa mpuzamahanga n'ibipimo by'bidukikije n'imibereho	Guverinoma y'u Rwanda	Ibyuho& Ibyifuzo
Gukoresha neza umutungo no Gukumira kwanduza ikirere	Amategeko mpuzamahanga ashyiraho ibipimo ngenderwaho byo gukoresha neza umutungo, gukumira umwanda no kubungabunga ishyirwamubikorwa ry'umushinga.	Ingingo ya 6 y'itegeko N ° 18/2016 ryo ku wa 18/05/2016 rigenga kubungabunga ubwiza bw'ikirere no gukumira ihumana ry'ikirere mu Rwanda ribuza kohereza imiti, ibikoresho, ibyuka cyangwa ibintu byangiza cyangwa imvange zirimo ibintu by'ibyuka n'ubumara. Itegeko N ° 064/2021 ryo kuwa 14/10/2021 rigenga ibinyabuzima bitandukanye mu Rwanda. Igice cya 4 cyose cy'iri tegeko cyahariwe kurengera no kubungabunga ibinyabuzima bitandukanye. Rirabuza kwinjiza amoko yangiza ibidukikije mu gihugu kandi ritegeka umuntu uwo ari we wese kubirwanya. Ibyazanwa byose bigomba gukurikiza amabwiriza y'ikigo cy'ipereza ku bidukikije (EIA). Ibinyabuzima byangiza ibidukikije byashyizwe ku rutonde kandi byashyizweho kugira ngo byubahirizwe mugiye ibikora bizamo bene ubwo bwoko.	Mu rwego rwo kwirinda, imishinga yose izasuzumwa ku bijyanye n'imikoreshereze y'umutungo no gukumira umwanda.
Ubuzima bwa'baturage, n'umutekano	Ibikorwa mpuzamahanga byerekana ko ari ngombwa kugabanya ihinduka ry'imiturire rishobora kwiyongera bitunguranye ingaruka z'imihindagurikire y'ikirere, bikongera ikwirakwizwa ry'indwara, cyangwa bikongera amakimbirane y'abantu n'ibinyabuzima.	Amabwiriza y'igihugu agenga gahunda ry'imikoreshereze y'ubutaka ashishikariza ibikorwa bishyiraho ingamba zo guhangana n'ibiza mu kugabanya inkongi z'amashyamba, inkangu, ibyondo,imyuzure, indwara n'udukoko. U Rwanda rwashyizeho ikarita y'igihugu iagaragaza ahantu hari mu kaga ishingiye ku gusuzuma mu buryo bwimbitse mu gihugu hose hagamijwe kwerekana amakuru y'ibiza. Minisiteri y'ubuzima ifite gahunda y'ingamba z'indwara zo mu turere dushyuha 2019-2024 ijyanye n'intego zirambye z'iterambere, Icyerekezo 2020 na 2050 hamwe n'ingamba z'igihugu zo kwihutisha iterambere. Ibikorwa bizagabanya ingaruka zigera ku bagenerwabikorwa n'abakozi ku ndwara ziterwa n'umwanda zandurira mu macandwe cyangwa ku ruhu (STHs).	Mu rwego rwo kwirinda, imishinga mito yose izasuzumwa ku byabangamira ubuzima bw'abaturage n'umutekano
Kubona ubutaka no kwimuka bitunguranye	Ibipimo ngenderwaho ku kwimuka bitunguranye no kubuzwa gukoresha bireba imishinga isaba (1) kwimura abaturage cyangwa (2) kubuza	Itegeko N ° 32/2015 ryo ku wa 11/06/2015 ryerekeye kwimurwa hagamijwe inyungu rusange rigenga kubona ubutaka no kwimutrwa bitunguranye gushaka ariko ntiteganya kubuza abaturage kugera no gukoresha ubutaka ndetse n'umutungo kamere.	Umushinga urashobora guteza igihombo cyo kubura amasambu kubera ibyiciro bishya by'ubutaka cyangwa gushyira mu bikorwa cyane imikoreshereze y'ubutaka n'amategeko agenga parike, kwimura abantu m batuye ku butaka butemewe kugirango

GCF	Ibikorwa mpuzamahanga n'ibipimo by'bidukikije n'imibereho	Guverinoma y'u Rwanda	Ibyuho& Ibyifuzo
	abaturage kugera mu turere cyangwa gukoresha umutungo kamere kandi uko kubakumira byagira ingaruka mbi ku mibereho y'abaturage. Bisaba gahunda y'ibikorwa byo kwimura (RAP), Urwego rwa Politiki yo Gutuza (FPR),Gahunda y'abaturage bakennye (IPP), Urwego rwa IPP (niba bishoboka)		haterwe amashyamba, no gutakaza ubutaka butanga umusaruro w'ibiribwa.
Kubungabunga urusobe rw'ibinyabuzima no gucunga umutungo kamere mu buryo burambye.	Ingingo z'ingezi z'umushinga: • ESIA/Gusuzuma intego ziteganyijwe n'igabanya rikenewe ku bibazo bikurikira: -Iiterambere ry'ibikorwa remezo (ndetse bito) cyangwa ibikorwa bishobora kugira ibintu bidasanzwe bihungabanya ku binyabuzima /uduce dufite ibinyabuzima bifite agacirogakomeye. - Kuzana cyangwa kongera kuzana amoko y'ibidukikije ahagaragaye ko amoko y'ibidukikije ahari yonona ibindi bidukikije. - Mu gihe bigiraingaruka ku mikorere isanzweho	Gahunda y'igihugu yo kurengera ibidukikije ishimangira kurengera, kubungabunga no gusana ahantu nyaburanga hakoreshejwe amategeko, Kwirinda utwo duce tw'ibanze ni byo biza mu bintu bya mbere by'ikigo cy'ipierereza ku bidukikije (EIA), kandi aho byanze bikunze, isuzuma ridasanzwe ni itegeko kandi hagomba kubaho ingamba zo kugabanya cyangwa gukuraho muri gahunda yo kubungabunga ibidukikije. Itegeko rigenga ibinyabuzima bitandukanye mu Rwanda (Itegeko N ° 064/2021 ryo ku wa 14/10/2021) rigena uburyo bwo gucunga no kubungabunga ibinyabuzima bitandukanye mu Rwanda hagamijwe gukurikirana uko imiterere y'ibinyabuzima by'u Rwanda ihagaze no guteza imbere ubushakashatsi ku binyabuzima. Ribuza ibikorwa birimo gukoresha amoko abangamira ibidukikije kandi rishyiraho inshingano yo kugenzura ubwo bwoko kugirango hagabanuke ibyakwangiza ibinyabuzima. Itegeko n ° 005/2016 ryo kuwa 05/04/2016 rigenga imbuto n'uubwoko bw'ibimera mu Rwanda, Itegeko n ° 16/2016 ryo ku wa 10/05/2016 ryerekeye kurengera ubuzima bw'ibimera mu Rwanda; n' Iteka rya Minisitiri No 007 / 11.30 ryo ku wa 11/04/2017 rigena ibisabwa	Ibikorwa byatewe inkunga n'uyu mushinga byitezweho gutanga umusaruro mwiza ku binyabuzima. Ibibazo by'amoko y'ibidukikije yabangamira ibidi bigengwa n'amategeko y'igihugu.

GCF	Ibikorwa mpuzamahanga n'ibipimo by'bidukikije n'imibereho	Guverinoma y'u Rwanda	Ibyuho& Ibyifuzo
	• Imishinga yo kongera gutera amashyamba igomba gushyira imbaraga mu mikorere y'urusobe rwibinyabuzima n'ibidukikije. •Imishinga yo guhinga igomba kwerekana ko ibungagunga ibidukikije, ikareba ko ifasha imibereho myiza n'ubukungu. • Iyo biyoside yica udukoko idashobora kubura, hakenewe gahunda inoze yo kurwanya udukoko, harimo gusuzuma ibyangiza ibidukikije no gutangaza gahunda yo kurwanya udukoko, aho bibaye ngombwa.	kugira ngo umuntu ahabwe uruhushya rwo gutumiza no kohereza mu mahanga imbuto.	
Abasangwabutaka	Ibipimo mpuzamahanga byemera amagambo menshi ashobora gukoreshwa aranga amatsinda atandukanye afite imvugo itandukanye cyangwa imico itandukanye, amasano yihariye n'ubutaka, n'abasigajwe inyuma n'amateka cyangwa kubura ubushobozi	Itegeko nshinga rya 2023 nyuma ya jenoside ribuza ivangura iryo ari ryo ryose rishingiye ku moko, mu gihe ryemeza ko abantu bose bafite uburenganzira bungana nyamara u Rwanda rwemera abantu bahejejwe inyuma n'amateka bashobora kwisangamuri bimwe muri ibyo biranga.	Witondere cyane ibyifuzo by'abatishoboye / abahejejwe inyuma n'amateka (ni ukuvuga, abagore, urubyiruko, abari munsi y'umurongo w'ubukene, abatagira ubutaka) hamwe no gusuzuma neza abantu nkabo mugihe cyo gusobanura ibikorwa bitobito by'umushinga.
Umurage ndangamuco	Ntabwo birebwa n'umushinga cyane ariko hari inzira zitanga amahirwe.	Ntabwo bikurikizwa ku mushinga kuko umushinga ntugaragaramo ibikorwa remezo byose bishobora kugira ingaruka kumutungo utazwi, ntanubwo bikubiyemo kugabana inyungu zijyanye n'umutungo ndangamuco cyangwa kubuza kugera kuri iyo mitungo.	Andi mahirwe arahari

4. IBINTU BIGIRA BIBANAGMIRA AMASHYAMBA N'UBUTAKA BWO MU ISUNZU RYA KONGO NILI N'INGARUKA ZIKOMEYE KU MUSHINGA

4.1. Amavu n'amavuko

Amashyamba ya kimeza ya CND niyo mashyamba yo mu misozi miremire yonyine asigaye mu Rwanda kandi akaba atuwe n'ibinyabuzima bihakomoka harimo nk'ibitera, inkende z'ubururu, igihunyira bisa n'ibihunyira, n'ingagi zo mu misozi. Aya mashyamba kandi ni ingenzi kuri serivisi z'urusobe rw'ibinyabuzima n'ibicuruzwa (urugero, kurwanya isuri no gukumira umwuzure) bigaha abaturage batishoboye bo mu gace ndetse n'ubukungu bw'igihugu. Byamenyekanye nk'uburyo bwo kwifashisha mu kurwanya imihindagurikire y'ikirere (EbA) mu kwaguka kw'ibidukikije mu Rwanda no guhangana n'ihindagurika ry'ikirere (GGCRS 2011). Icy'ingenzi cyane, bikurikirana iby'ikirere cy'u Rwanda bafata kandi bakagwisha imvura[20], ikaba ari ingenzi cyane mu buhinzi bukenera imvura mu Rwanda. Aya mashyamba yibasiwe n'ibintu byinshi biyahindura ndetse n'uburyo bwo gukemura ibibazo bishobora gutera izindi ngaruka zabaho.

4.2. Ibitera kugabanuka kw'amashyamba

Ubutaka buke

N'ubwo yagize akamaro ku bukungu bw'amashyamba y'u Rwanda, kuva rwabona ubwigenge, amashyamba y'u Rwanda yagiye agirwa ho n'ingaruka kubera ibintu byinshi bishingiye ku mibereho n'ibintu byinshi birimo ukwiyongera cyane kw'abaturage, imiyoborere mibi, hamwe n'ibiribwa n'ingufu byose bikenerwa mu gihugu.

Ubutaka bukoreshwa cyane mu gace k'isunzu rya Kongo Nili (CND) burimo amashyamba ya kimeza, amashyamba yatewe, guhinga icyayi, urwuri, ubuhinzi butanga ibyo kurya, hamwe n'imidugudu. 27% by'agace k'umushinga kabungabunzwenzwe nka Parike y'ibirunga (Kilometero kare163), Parike y'igihugu ya Gishwati-Mukura (32 km²), na Parike y'igihugu ya Nyungwe (Kilometero kare 1,025). Ibihingwa by'amashyamba byiganjemo amoko ya Pinusi, inturusu, Alnus, n'umunyinya. Icyayi gifite agaciro kanini cyohereza ibicuruzwa hanze bikaba ingirakamaro ku nganda n'imodoka mu kuzamura ibidukikije mu karere k'Uburengerazuba bw'u Rwanda. Ikirere gikonje cy'imisozi miremire y'uburengerazuba bw'agace ka CND gitanga ibihe by'iterambere ry'icyayi cyiza, kizwi ku isi yose kubera imbaraga n'ubwiza byacyo. Guverinoma y'u Rwanda yashyizeho intego yo kongera umusaruro w'icyayi uva kuri ha 24.000 ukagera kuri hegitari 35.000. Ubworozi bucirirtse nibwo bukoresha ubutaka bwinshi muri iki gice cy'umushinga. Ingo nyinshi zo mu cyaro zihinga ibishyimbo, ibigori, ibirayi, n'ibijumba ku butumburuke bwo hejuru n'amasaka, igitoki, imyumbati, n'ibishyimbo ku butumburuke bwo hasi;

Aborozi bato benshi bakora ubworozi, cyane cyane kubera ifumbire, n'ubwo amatungo akoreshwa no mu nyama n'ibikomoka ku mata, cyane cyane mu nkengero za Parike ya Gishwati-Mukura. Ubuhizi bubera ku misozi ihanamye cyane, n'uduce twinshi twa CND twibasiwe no kwangirika k'ubutaka bigatuma ubutaka bubura. Ibibi byinshi by'isuri mu Rwanda biri muri CND ugereranije n'ahandi mu gihugu.[21] Ibisobanuro birambuye kuriyi nyigo mushobora kubisanga ku mugereka wa 2 wa Raporo y'ibikorwa.

Ihindagurika ry'ikirere

Ubu imihindagurikire y'ikirere irimo kwangiza amashyamba y'u Rwanda yacitsemo ibice hahinduka ubwoko bw'ibiyagize, imiterere, imikorere yayo, n'ubuyobozi bw'akajagari, kubera iyo mpamvu, bigabanya serivisi

20 Seimon, A. (2012). Climatology and Potential Climate Change Impacts in the Nyungwe Forest National Park, Rwanda. Technical Report, New York, NY: WCS.

21 CROM 2018

z’urusobe rw’iniyabuzima aya mashyamba atanga (FAO 2017) ku baturage batishoboye. Amashyamba ahangana n’ibiyabangamira, ni ukuvuga, ubushobozi bwayo yo guhangana n’imihindagurikire y’’ikirere n’ibibangamira ibidukije, biterwa cyane n’ubunini bwayo. Imihindagurikire y’ibihe rero ibangamiye urusobe rw’ibinyabuzima n’ahantu nyaburanga bigira uruhare runini mu guhangana n’imihindagurikire y’ikirere ku baturage bangana na miliyoni 2.3 bo mu gace ka CND. Benshi mu bantu batuye mu isunzu rya kongo nili (CND) ni abahinzi-borozi bato batuye ahantu hahanamye badashobora kuhira. Ubushobozi bwabo bwo kurwanya imihindagurikire y'ikirere ni buke kubera ko umusaruro wabo ndetse n'imibereho yabo bishobora kwibasirwa n’imiterere y’imvura kandi kubera ko ubwinshi bw’abaturage bugabanya cyane uburyo bwo kwimuka mu gihe habaye Ibiza. Ibi ni ukuri cyane cyane kugera ku bushakashtsi bwa vuba, aho abagore bafite uburenganzira buke ku butaka kurusha abagabo. Ubwiyongere bw'imvura ikabije bitewe n’imihindagurikire y’ikirere - hamwe no gutakaza ubutaka mu mashyamba no kwangirika - byongera gutakaza ubuzima bw’abantu n’umutungo biturutse ku nkangu.[22,23] CND ni igice cy’u Rwanda cyibasiwe cyane n’umwuzure n’inkangu[24], kandi ubu ingaruka ziriyongera kubera imihindagurikire y’ikirere. Urugero, ubwiyongere bukabije bw’imvura n’inkangu byabaye kuva 2000-2018 byibasiye abantu barenga 30.000 mu isunzu rya Kongo Nili (CND), bihitana byibuze 502 ndetse binasenya inzu z’abantu zirenga 29.750 muri ubwo butaka bwangije imigezi, bituma habaho gutakaza ubutaka burumbutse no kwanduza imigezi hamwe n’ubuhinzi bufitemo ifumbire. CND itakaza ikigereranyo cya toni miliyoni 1.5 z'ubutaka bwera ku mwaka kubera imvura nyinshi bitewe n'imihindagurikire y'ikirere, inkangu, n'isuri.[25]

Umugereka wa 2.1 usobanura ibintu bizwi kandi biteganijwe biterwa n’imihindagurikire y’ikirere muri CND hamwe na zimwe muri izo zavuzwe hano:

- Hakomeje kubaho kwiyongera k'ubushyuhe kandi birashoboka ko bitazarekeraho mu karere ka CND mu myaka mirongo iri imbere. N’ubwo bimeze bityo ariko, ibyo bibangamiye ibidukikije byaho birashobora gukosorwa cyane, hagamijwe inyungu z’ibinyabuzima na serivisi z’urusobe rw’ibinyabuzima, mu kugarura amashyamba no kongera ubushuhe bw’imiterere, ibyo bikaba byombi bigamije guteza imbere igicu cyiyongera kandi bikabyara ubukonje bwaho.
- Ubushyuhe butera kumanuka hejuru ku misozi y’ibinyabuzima byinshi hamwe n’ibidukikije - ndetse birashoboka ku binyabuzima byose by’imisozi miremire - hamwe n’igipimo kizamuka kijyanye n’ubushyuhe bwinshi. Hejuru ya 2,6 ° C z’ubushyuhe mu kinyejana cya 20 ibintu by’ibanze bikunze kubaho hagati mu kinyejana, ibi bivuze ko kwiyongera gukomeza kuri ku gipimo cya metero 473 uvuye ku miterere y’ubushyuhe bwabayeho mu bihe byashize mbere y’ubushyuhe bw’isi buterwa n’ibikorwa by’abaturage.
- Ibihe by'imvura bishobora guhinduka, bikongera imiterere y’ikirere ya buri mwaka ubushobozi bwo kwangiza urusobe rw’ibinyabuzima, gahunda z’ibidukikije ndetse n’ubuhinzi mu buryo busanzweho. Ibi bishobora guterwa n’uko imvura yagwa iturutse ku nkengero za CND itewe umushinga wa EAGLE mu gushaka ibisubizo, byerekana ibura mu gihe cyo hagati mu mwaka mu gihe 2055-64, bikanakomeza nyuma. Ibi birasaba ko hakorwa igenzura hagasuzumwa ibimaze kugerwaho, ariko birashoboka ko ibyo bishobora kebera umuzigo cyane abashinzwe ibidukikije.

22 Bizimana, H., & Sönmez, O. (2015). Landslide Occurrences in the Hilly Areas of Rwanda, Their Causes and Protection Measures. Disaster Science and Engineering, 1, 1-7.

23 Nsengiyumva, J. B., Luo, G., Nahayo, L., Huang, X., & Cai, P. (2018). Landslide Susceptibility Assessment Using Spatial Multi-Criteria Evaluation Model in Rwanda. International Journal of Environmental Research and Public Health, 15, 243. https://doi.org/10.3390/ijerph15020243

24 Assessment of climate change vulnerability in Rwanda - 2018”, Rwanda Environment Management Authority, Kigali, 2019

25 Nsengiyumva et al. 2018

- Imihindagurikire y’imvura, aho ikirere gishyuha kizagira ingaruka zo kongera umuvuduko w’imvura mu gihe gito hamwe n’umuyaga mwinshi, cyane cyane ku bice byo hejuru bishobora gutera umwuzure no guteza inkangu. Ibi, birashoboka kuko bimaze kugaragara, kandi birashoboka ko byiyongera cyane uko ubushyuhe bugenda buba bwinshi.

- Ubutumburuke bw’ibicu, bugira uruhare runini mu bidukikije by’amashyamba n’ibinyabuzima, birashoboka ko bimaze kuzamuka hejuru y’ibihe byatambutse kubera kuvugurura amashyamba mu butaka bw’ubuhinzi, kandi bimwe bizazamuka cyane ugereranije n’ubushyuhe mu myaka mirongo iri imbere. Urusobe rw'ibinyabuzima hamwe n’ibidukikije bikusanyirijwe mu gice cyo hepfo cy’amashyamba abungabunzwe birashobora kuba bitagereranywa n’ibi bintu bihinduka by’ibidukikije, kandi ubwo busumbane buziyongera uko igihe kigenda gihita, byongera ihinduka ry’ibinyabuzima , byongera ubushobozi bw’ibyonnyi, kandi bikora nk’ibintu byafasha kwagura intera.

- Guhagarika ibicu n’ibimera byongera imvura yo mu mashyamba y’imisozi miremire ku kigereranyo cya 10%, bityo ibicu bizamuka bizagira uruhare mu gukuraho aya mazi y’ingirakamaro. Gutakaza amashyamba yo mu misozi rero byerekana igihombo cy’abaturage muri serivisi y’ibidukikije no gutanga amazi y’imvura (hafi ya10%) ashobora kugarurwa igice binyuze mu gutera mashyamba.

- Ntibizwi neza niba inkongi y'umuriro y’amashyamba yiyongera cyangwa itiyongera ku buryo bugaragara, ariko ishobora gucungwa binyuze mu kuba maso mu gihe cy'amapfa. Ntibizwi neza niba inkongi y'umuriro y’amashyamba yiyongera cyangwa itiyongera ku buryo bugaragara, ariko ishobora gucungwa binyuze mu kuba maso mu gihe cy'amapfa.

Hatabayeho ingamba zifatika zo guhangana n’ibyangiza imisozi biterwa n’imihindagurikire y’ikirere binaganisha ku mikorere itarambye y’imikoreshereze y’ubutaka, CND nta gushidikanya ko izahinduka cyane mu myaka mirongo iri imbere hamwe no gutakaza cyane urusobe rw’ibinyabuzima na serivisi z’ibidukikije, kugabanya ubushobozi bw’ubuhinzi, ingaruka zikomeye ku bantu no gutakaza imibereho. Kwiyongera k'ubushyuhe no gutakaza kwinjira mu bicu bizatera iyangirika ry’imisozi yo hepfo y’amashyamba abungabunzwe atuma habaho impfu, kuza k’udukoko, ndetse n’ibinyabuzima bitera uburwayi, ndetse no kongera inkongi. Ibikorwa byo guhinga muri iki gihe byaba ibihingwa ngandurabukundu ndetse n’ibihingwa ngengabukungu bifite agaciro nk'icyayi n'ikawa bizazamurwa, byongerere ubushake bwo guhindura amashyamba abungabuzwe ahinduke mo imirima y’ubuhinzi n’ubworozi.

Mu gihe imihindagurikire y’ikirere ibangamira imisozi miremire, kwangirika k’ubutaka ndetse n’uburyo bwo gukoresha ubutaka bizongera ingaruka mbi kuri bwo. Imisozi ihanamye dusanga mu gice kinini cy’u Rwanda izahura n’isuri n’ingaruka z’isenyuka, mu gihe ibikorwa remezo byubatswe nk’imihanda n’ibiraro bizarengerwa kubera ko byashizweho kugira ngo bihangane n’imvura biteganijwe mu bihe by’ikirere byashize byanze bikunze bizarenga, kandi hamwe no kwiyongera , uko igihe kigenda gitera hamwe n’ubushyuhe bugenda bwiyongera. Imvura iziyongera mu gihe gito hamwe n’umuyaga, cyane cyane ku gice cyo hejuru bishobora gutera umwuzure no guteza inkangu. Ibi byanze bikunze bibaho, birashoboka ko bimaze kugaragara, kandi birashoboka ko byiyongera cyane uko ubushyuhe bugenda bwiyongera. Ibi biba neza bisanga isenyuka ry’umwihariko, bisanzwe itera impfu nyinshi n’isenyuka rikomeye buri mwaka, kandi CND yagaragaje imbaranga nke bitewe n’ubutabazi bw’imiterere y’imisozi y’amashyamba bituma iki kibazo giteye impungenge gikemurwa.

Ukwiyongera k'ubushyuhe bizakomeza kwiyongera mu myaka mirongo iri imbere, kandi bizagira ingaruka zikomeye yaba kuri sisitemu y'ibidukikije n'abantu kuri CND, kandi bimwe bimaze kugaragara. Muri Afurika, mu bihugu bikikije koma y'isi, igipimo cy'ihindagarika ry'ibidukikije cyagaragaje ko ubushyuhe bugabanukaho hafi degere 5.5 C kuri kilometero y'ubutumburuke[26], bityo izamuka ry'ubushyuhe rya degere 2 C ku isi hose riteganijwe hagati muri iki kinyejana bisobanura kuzamuka ku butumburuke bwa metero 473, ibyo bigatuma hazabaho kwimuka cyane kw'ibinyabuzima, kwimuka kw'ibidukikije, ibimera n'ibikorwa by'abantu bizamuka bigana kuri ubwo butumburuke. Mu gihe ubushyuhe buri mu karere ka CND butitezwe ko buzazamuka ku rwego rukabije rwatuma habaho kwiyongera k'umubare w'impfu[27] cyangwa umusaruro w'abakozi ukababuna, ingaruka z'ukwiyongera k'ubushyuhe zizatera ubwiyongere bw'indwara ni nyinshi.[28]

Uburengerazuba bw'u Rwanda ni akarere gatanga umusaruro mwinshi mu gihugu mu guhinga icyayi n'ikawa, aho usanga ibintu biterwa n'ubutaka buhanamye bwa CND. Byombi ni ibihingwa ngengabukungu bifite agaciro gakomeye koherezwa mu mahanga, kandi ni byo bigamije kwaguka binyuze muri gahunda za Leta ndetse n'abikorera ku giti cyabo. Gushimangira ibibazo by'ibidukikije biterwa n'imihindagurikire y'ikirere cyane cyane bitewe n'ubwiyongere bw'ubushyuhe hamwe n'udukoko twangiza tuvuye mu turere two mu bibaya, bitera imbogamizi haba ku gutera ubu ndetse no mu rwego rwo kwagura ahantu hashya; ibyo bibazo n'ubundi bireba n'ibindi bihingwa.

Ubutumburuke bw'ibicu, bugira uruhare rinini mashyamba n'ibinyabuzima, birashoboka ko bimaze kuzamuka hejuru urebye n'ibihe byashize kubera guhindura amashyamba mo ubutaka bw'ubuhinzi, kandi bimwe bizamuka cyane kubera ubushyuhe mu myaka mirongo iri imbere. Urusobe rw'ibinyabuzima hamwe n'ibinyabuzima bikusanyirijwe mu gice cyo hasi cy'amashyamba abungabunzwe birashobora kuba bitagereranywa n'ibi bintu bihinduka by'ibidukikije, kandi ubwo busumbane buziyongera uko igihe kigenda gihita, biteza imbere ihinduka ry'ibinyabuzima byihuse, byongera ubushobozi bw'ibibibbangamira, kandi bikora nk'ibyangiza bikomeye mu kwagura. Kuzamuka kw'ibicu bifatanije n'ubushyuhe nabyo byongera kwumisha ibimera, bikongera ingaruka z'umuriro mu gihe kitarimo imvura. Guhagarika ibicu n'ibimera byongera imvura yo mu mashyamba y'imisozi miremire ku kigereranyo cya 10%, bityo ibicu bizamuka bizagira uruhare mu gukuraho aya mazi y'ingirakamaro. Gutakaza amashyamba yo mu misozi rero byerekana igihombo cyaho muri serivisi y'ibidukikije yo gutanga amazi y'imvura ashobora kugarurwa binyuze mu kongera gutera amashyamba.

Ibi bibazo bigaragaza uburyo amashyamba yo mu misozi miremire ari ingenzi cyane ku guhangana n'ihindagurika ry'ikirere ku miryango ituye mu isunzu ry a Kongo Nili (CND), kuri serivisi y'ibidukikije n'ibicuruzwa batanga ku baturage batishoboye bo mu karere ndetse n'ubukungu bw'igihugu. Bongeye kandi kwishyuza amasoko y'amazi; kugenzura uko amazi agendai; guhangana n'umwuzure; kugumana ubutaka; gutanga ingufu z'ibicanwa; kongerera imbaraga ubukerarugendo bw'igihugu, butanga umusanzu ukomeye mu kwinjiza amadevize[29] mu Rwanda; no no kugira uruhari mu kurwanya ihumana ry'ikirere bikomeza ubukungu bw'igihugu n'imibereho myiza y'abaturage bacyo[30].

26 Camberlin, P., 2018. Climate of Eastern Africa. In Oxford Research Encyclopedia of Climate Science. Link

27 Asefi-Najafabady, S., K. Vandecar, A. Seimon, P. Lawrence and D. Lawrence, 2018: Climate change, population and poverty: vulnerability and exposure to heat stress in East Africa. Climatic Change, 148, 561-573.

28 World Bank, 2022: Rwanda Country Climate and Development Report. World Bank, Washington DC. Link

29 Rwanda Development Board 2017 Annual Report Link

30 Andrew, G. and Masozera, M., 2010. Payment for ecosystem services and poverty reduction in Rwanda. Journal of sustainable development in Africa, 12(3),

Guhindura amashyamba mo imirima yo mu misozi ya CND kugeza ubu biherutse kuba umuyoboro wo kurekura umuvuduko w'abaturage bo mu butaka bitewe n'igabanuka ry'ibihumanya ikirere mu gihugu, kugabanya guhangana n'imihindagurikire y'ikirere, kongera ubushobozi bw'ibisubizo, kugabanya serivisi z'ibidukikije no guhungabanya urusobe rw'ibinyabuzima. Gutakaza serivisi z'ibidukikije n'imikorere no gukaza umurego mu bidukikije biterwa n'imihindagurikire y'ikirere ubu bisaba kwerekeza ku kongara gutera amashyamba n'ibindi bikorwa kugira ngo ejo hazaza harambye. Kurinda amashyamba yo mu misozi miremire asigaye ya Congo-Nili, no gushyiraho intego zirambye zo kongera amashyamba ahuza ibikorwa bimwe, bifitiye inyungu z'igihe kirekire igihugu cy'u Rwanda mu kugabanya ubukana bw'ingaruka z'imihindagurikire y'ikirere ndetse no gukomeza guteza imbere serivisi zishingiye ku rusobe rw'ibidukikije, haba mu karere ndetse no mu majyepfo, kandi bigire uruhare mu kugabanya ibyuka byo mu kirere bihumanya bigatuma ubushyuhe bwiyongera ku isi.

Hanyuma, uretse ibikorwa byo gukemura ibibazo byavuzwe haruguru, imiterere ya CND yakungukira mu kwaguka ku igenzura ry'iteganyagihe no gukusanya amakuru y'ikirere. Ubu imikoranire ihari yo gukurikirana amasite yo mu burengerazuba bw'u Rwanda yibanze ku nkombe z'ikiyaga cya Kivu na koridoro y'inzuzi z'iburasirazuba bwa CND. Ibi birerekana ko ari amahirwe yo kwagura igenzura hamwe na raporo nyayo mu turere twibasiwe cyane nk'ahantu ho gufasha hakunze kwibasirwa n'inkangu, ndetse no hafi y'imisozi aho imvura igwa cyane.

Ubucucike bw'abaturage

Ibice by'ibanze by'imibare byasobanuwe muri Raporo yo muri 2012 ku ngano y'abaturage, imiterere n'ishyirwa mu byiciro (NISR 2012b) yatanze amakuru ku miterere y'uyu mushinga kandi imigendekere yagaragaye yakomeje guhagarara, byihutisha gufata ingamba zo guhangana no kubona umusaruro wo mu cyaro. Mu mwaka wa 2012, abaturage bose bo mu Rwanda basanze ari miliyoni 10.52, muri bo 52% ni abagore naho 48% ni abagabo. Muri icyo gihe, igihugu cyari gifite umuvuduko w'ubwiyongere bw'abaturage buri mwaka wa 2,6%, kuva mu 2002. Kugeza mu 2012, ibyo byatumye abaturage bangana na 415 / km², bava kuri 321, mu 2002.[31] Kugeza 2016, hashingiwe kuri ibi umuvuduko w'ubwiyongere, abaturage b'u Rwanda bavuga ko bariyongereye bakagera kuri miliyoni 12,72 hamwe n'ubucucike buri hagati y'abaturage 495 / km², ubucucike bukabije muri Afurika (Imasiku na Ntagwirumugara 2020; ugereranije n'abaturage bo muri Afurika y'iburasirazuba ni 59.2 kuri km²).[32]

Ntabwo bitangaje mu rwego rwo kwiyongera kw'abaturage, abatuye u Rwanda ni abakiri bato. Mu mwaka wa 2012, kimwe cya kabiri cy'abaturage bari bafite imyaka 19 cyangwa irenga, kandi ibyo byakomeje kubaho muri 2019. Ku rundi ruhande, abatageze kuri bitatu ku ijana by'abaturage bari 65 cyangwa bakuuze kurutaho muri 2012, kandi ibyo byakomeje kuba muri 2019.[33,34] Reba Ishusho ya 7, hepfo. Ibi bifite ingaruka

pp.122-139.

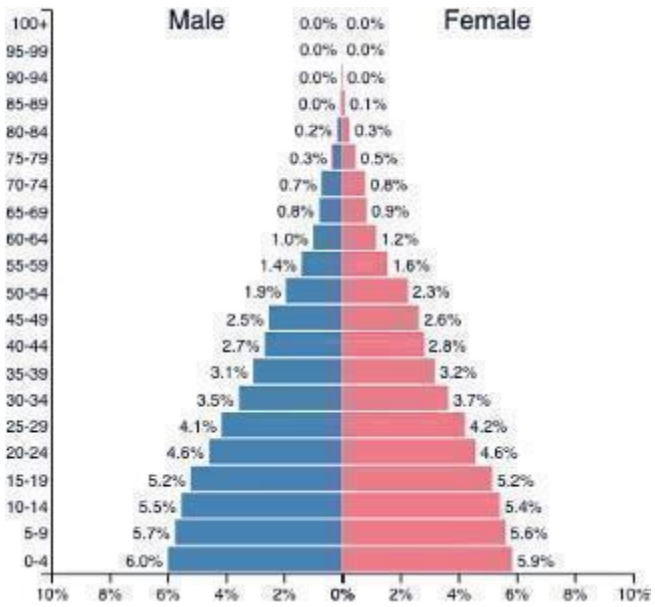
31 National Institute of Statistics of Rwanda (NISR). 2012a. Thematic Report: Agriculture. Third Household Living Conditions Survey (EICV3). Ministry of Finance and Economic Planning (MINECOFIN).

32 United Nation. World Population Prospects: The 2015 Revision. Population Division. 2015. Available online: http://esa.un.org/unpd/wpp/

33 National Institute of Statistics of Rwanda (NISR). 2012b. Thematic Report: Population Size, Structure and Distribution. Rwanda Fourth Population and Housing Census. Ministry of Finance and Economic Planning (MINECOFIN).

34 Imasiku, K. and E. Ntagwirumugara. 2020. An Impact Analysis of Population Growth on Energy-Water-Food-Land Nexus for Ecological Sustainable Development in Rwanda. Food and Energy Security 9(1): e185. https://doi.org/10.1002/fes3.185

cyane, zishobora kugaragara mu gihe umuntu yareba igipimo cy'abafashwa n'igihugu - umubare w'abantu batinjiza bakeneye gushyigikirwa n'abafite imyaka yo gukora. Ku rwego rw'igihugu, mu bitekerezo, abantu 100 binjiza bakeneye gutera inkunga abantu 93 batinjiza. Ugabanijwe n'imijyi n'abaturage bo mu cyaro, abantu 100 bakora mu mijyi bagomba gushyigikira abantu 67 badakora , mu gihe abantu 100 binjiza mu cyaro bagomba gushyigikira abandi bantu 100 batinjiza.[35] Ibi byumvikana nk'ibihimbano mu buryo ko abantu bashyirwa mu bikorwa nko kuba abantu bashyirwa mu cyiciro cy'abatinjiza cyangwa bashyirwa mu kiciro cy'abinjiza bihishura byinshi ku byerekeranye n'inshingano bitanga mu by'ukuri.



Imbonerahamwe ya 7. Abaturage b'u Rwanda, hakurikijwe imyaka, 2019[36]

Icyakora, mu rwego rwo kwiyongera kw'abaturage u Rwanda rwariboneye, kandi rukomeje kubigiramo uburambe, ndetse n'umubare munini w'urubyiruko rugize abaturage, ibi bitanga ubushishozi ku kamaro ko kwagura amahirwe mu bukungu, cyane cyane ku rubyiruko rwo mu cyaro. Mu buryo nk'ubwo, mu rwego rw'abaturage b'u Rwanda ari abagore 53%, hamwe na Politiki y'igihugu y'uburinganire hagamijwe gukemura uburenganzira bw'umugore, kwagura amahirwe y'ubukungu ku bagore b'ingeri zose ndetse n'imibereho myiza y'ubukungu ni ingenzi cyane cyane kugira ngo imishinga mishya y'igihe kirekire igerweho.

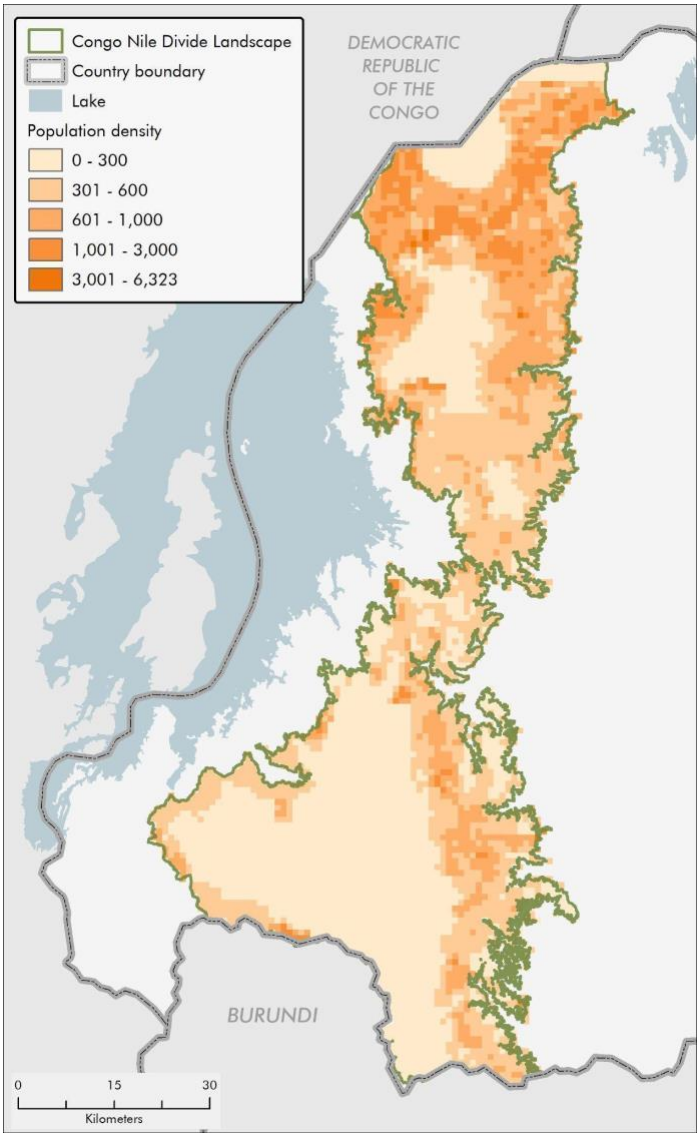
Ubucucike bw'abatuye isunzu rya Kongo Nili (CND)

Isunzu rya Kongo Nili (CND) rihuza intara 3 (Uburengerazuba, Amajyepfo, Amajyaruguru) n'uturere 10 (Karongi, Musanze, Ngororero, Nyabihu, Nyamagabe, Nyamasheke, Nyuguru, Rubavu, Rusizi, Rutsiro)[37]. Abatuye muri CND biganje ahanini mu majyaruguru mu midugudu minini itatanye hirya no hino ikikijwe ahanini n'ubuhinzi n'ubworozi bwo mu cyaro hamwe n'ubushumba.

35 NISR 2021b.

36 Source: Population Pyramids of the World, Population Pyramid.net.35

37 PPF Interim Report 2021



Ishusho ya 8. Ubucucike bw'abaturage kuri kilometero kare. Byavuye muri (WorldPop, 2020).

Imbonerahamwe ya 3 itanga incamake y'uko abaturage batuye muri CND n'akarere. Ubucucike bw'abaturage buva ku bantu 281 kuri kilometero muri Rutsiro kugeza ku bantu 1039 kuri kilometero muri Rubavu.

Imbonerahamwe ya 3. Uko abaturage atuye isunzu rya Kongo Nili (CND) ugendeye ku karere. Ikigo cy'igihugu gishinzwe ibarurishamibare ,Ibarura rusange ry'igihugu, 2012).

Ahantu	Abaturage (2012)	Ubucucike bw'abaturage (2012)	Gabo (2012)	Gore (2012)	% y'igiteranyo cy'abaturage (2012)
Igihugu cyose	10,537,222	416	5,074,942	5,462,280	100
CND (Total)	3,477,128	474 people/km^2 (mean)	1,643,392	1,832,402	32.4
Musanze	368.267	694	174.399	193.868	3.4
Rusizi	400,858	418	192,528	208,330	3.8
Rutsiro	324,654	281	154,044	170,610	3.0
Nyamagabe	341,491	313	161,219	180,272	3.2
Nyabihu	294,740	555	137,799	156,941	2.7
Karongi	331,571	334	155,887	175,684	3.1
Ngororero	334,413	493	154,827	179,586	3.1
Rubavu	403,662	1039	194,989	208,673	3.8

Source: NISR, 2012

Imwe mu ngaruka z'ubwiyongere bw'abaturage b'u Rwanda ni igitutu cy'ubwiyongere bw'abaturage ku butaka n'umutungo kamere bigabanya amahitamo yo guhindura uburyo bw'imikoreshereze y'ubutaka, kugira ngo gahunda z'umusaruro w'icyaro mu bijyanye n'urusobe rw'ibinyabuzima zirusheho gukomera no kubyara amahirwe mashya y'ubukungu. U Rwanda rufite hegitari miliyoni 1,4 z'ubutaka buhingwa, bingana na 52 ku ijana by'ubuso bw'igihugu. Icyakora, ubuso nyabwo buhinzwe burenga hegitari miliyoni 1,6 bitewe n'ahantu hadahingwa hakoreshwa nk'urwuri, kwagura ubuhinzi bw'abaturage mu turere tudakwiye guhingwa no kwagura imirima ku bishanga bihingwa rimwe na rimwe. Ikivamo ni uko hafi 70 ku ijana y'ubutaka bw'u Rwanda bukoreshwa mu buryo bumwe na bumwe bw'ubuhinzi. Ibi bitera igitutu ku ihuriro ry'imicungire y'ingufu, ibiribwa, amazi, n'ihuriro ry'ubutaka kugira ngo igikorwa icyo ari cyo cyose gikorerwa mu gace kamwe gishobora kugira ingaruka zikomeye kirengerwe no kinacyemurwe mu bindi bice.[38]

Ubucye bw'ubutaka bwo guhinga mu cyaro cy'u Rwanda bugaragarira mu isaranganya ry'ubutaka bw'igihugu. Mu cyaro cy'u Rwanda, ingo 83 ku ijana zifite amazu afite ubutaka buri munsi ya hegitari 0,9. Uku gucikamo ibice kugaragara cyane mu karere k'umushinga, aho 88 ku ijana by'ingo zo mu Ntara y'Amajyepfo n'Iburengerazuba zifite amasambu ari munsi ya hegitari 0,9 (NISR 2012a). Reba Imbonerahamwe 3 ikurikira.

Imbonerahamwe 3: Ikwirakwizwa ry'Ubutaka Buhingwa hagendewe ku Ngano y'Ubutaka, abaturage bo mu mujyi/icyaro, intara na kimwe cya gatanu. Inkomoko: NISR 2012a, p. 3, Imbonerahamwe 2.2)

EICV3	Impuzandengo y'ubutaka bwahinzwe (ha)	Ikigereranyo cyo hagati cy'ubutaka bwahinzwe (ha)	Ingano yubutaka buhingwa				Igiteranyo	Nomero ya HHs ihingwa ubutaka bwo guhinga umusaruro (000s)
			<0,3 ha	0,3-0,9 ha	0,9-3 ha	>=3 ha		
U Rwanda rwose	0,59	0,33	45,8	37,6	14,7	1,9	100,0	2,095
Umujyi	0,46	0,15	67,3	21,1	9,0	2,6	100,0	219
Icyaro	0,60	0,35	43,3	39,5	15,4	1,8	100,0	1,875
Umujyi wa Kigali	0,58	0,10	70,3	19,4	7,7	2,6	100,0	124

38 Imasiku, K. and E. Ntagwirumugara. 2020.

EICV3	Impuzandengo y'ubutaka bwahinzwe (ha)	Ikigereranyo cyo hagati cy'ubutaka bwahinzwe (ha)	Ingano yubutaka buhingwa				Igiteranyo	Nomero ya HHs ihingwa ubutaka bwo guhinga umusaruro (000s)
			<0,3 ha	0,3-0,9 ha	0,9-3 ha	>=3 ha		
Intara y'Amajyepfo	0,55	0,29	51,2	36,4	10,5	2,0	100,0	533
Intara y'Iburengerazuba	0,48	0,28	52,1	35,9	10,5	1,5	100,0	508
Intara y'Amajyaruguru	0,52	0,33	46,0	39,7	13,5	0,8	100,0	404
Intara y'Iburasirazuba	0,78	0,51	28,3	43,1	25,8	2,8	100,0	525
Q1	0,37	0,23	61,6	31,1	6,6	0,6	100,0	376
Q2	0,49	0,33	45,5	41,6	12,4	0,5	100,0	405
Q3	0,54	0,36	42,1	41,6	15,2	1,0	100,0	438
Q4	0,67	0,41	38,6	40,5	18,3	2,6	100,0	467
Q5	0,83	0,38	43,5	32,0	20,0	4,5	100,0	409

Guhindura ubutaka bw'amashyamba mu Burengerazuba bw'u Rwanda byabaye ikibazo gikomeye cy'igitutu cy'abaturage mu by'ingufu, ibiribwa, amazi, n'ubutaka. Hagati ya 1986 na 2006, aka karere katakaje hafi 19 ku ijana by'amashyamba yako kahoranye. Umuvuduko wo guhindura amashyamba wazamutse cyane hagati ya 2010 na 2014. Impamvu nyamukuru zabaye kwagura urwuri no kwagura ibikorwa remezo rusange, cyane cyane kwagura amashanyarazi mu bice by'icyaro, ibyo bikaba byaratumye hakenerwa

amapoto menshi. Nyamara, ubuso buriho amashyamba bwiyongereyeho hafi 17 ku ijana hagati ya 1986 na 2019, biturutse ku bwoko bw'ibiti bikura vuba byo gucana n'ingeri ndetse no kwinjiza igihingwa cy'ibiti mu byahoze ari gahunda yo guhinga ibihingwa buri mwaka. Ubwiyongere bw'igihingwa cy'icyayi bwanagize uruhare mu kwiyongera k'ubutaka buriho amashyamba. Bityo, ubwiyongere bw'amashyamba ni uburyo bwo kwerekana ibikorwa byagize uruhare mu buhinzi bwagutse burenze igicumbi cy'ubutaka buhingwa bw'u Rwanda kandi bugatwikira gutakaza imbaraga mu gihe abantu bahura n'ingaruka z'imihindagurikire y'ikirere..

Amatsinda y'abasigajwe inyuma n'amateka, abimukira, impunzi n'abashumba

Mu Isunzu rya Congo Nili, Icyanya cy'Ishyamba rya Gishwati cyafashije abaturage b'abasangwabutaka kugeza mu myaka ya za 1980: Abashumba b' Abagogwe n' Abatwa b'abahigi. Umushinga wa Banki y'isi w'Ubuhinzi n'Ubworozi byo mu Ishyamba muri Gishwati-Kigali-Butare mu ntangiriro ya za 80 watangije gutema amashyamba manini no kuyahindukira inzuri n'imirima y'ibiti, hirukanywe ayo matsinda ajya mu bice bito cyane bisigaye. Iyi gahunda yihutishijwe n'abahoze ari abayobozi ba guverinoma nyuma y'uko Banki y'Isi ihagaritse uyu mushinga bitewe no kuwunenga cyane[39]. Abagogwe bari mu bantu ba mbere bahitanywe na Jenoside yakorewe Abatutsi mu Rwanda kandi ubu ntibahari mu Rwanda[40]. Amatsinda yasigajwe inyuma n'amateka (bahoze bitwa Abatwa) asigaye ubu aba mu midugudu mito hanze y'ishyamba hamwe n'andi matsinda. Mu Rwanda uyu munsi Abatwa babarirwa hagati ya 25000-30000 cyangwa 1% by'abaturage kandi bibumbira mu mashyirahamwe adakomeye bakagira n'umuntu umwe ubahagarariye muri guverinoma[41]. Urebye amateka y'iryo tsinda ndetse n'u Rwanda nk'igihugu, aba baturage bari mu bakennye cyane kuko mbere bakoreshaga umutungo w'amashyamba no kubumba, kandi bagiye buhoro buhoro bajya kure y'uwo mutungo uko imiterere yo kubungabunga amashyamba kamere asigaye mu Isunzu rya Congo Nili yahindutse kuva mu cyanya cy'amashyamba kugera muri parike y'igihugu. Abasigajwe inyuma n'amateka bakunze kuba abakene cyane muri sosiyeti rusange no mu bukungu bw'amafaranga, kandi bafite amahirwe make cyangwa umwanya wo gutanga ikirego ku butaka bari bafite cyera hatabayeho kumenyekana neza nk'itsinda ryihariye. Hari imbaraga za leta ishyira muri aka karere zo gushyira abasigajwe inyuma n'amateka mu baturage baho kubera ko nta shyamba cyangwa ubutaka bisigaye bwo kubaho ubuzima bwa gakondo kandi imbaraga nyinshi za leta ni ugufasha abatishoboye n'abasigajwe inyuma n'amateka kubaka imibereho irambye nubwo bafite amateka atoroshye. Muri sisitemu iriho, ayo matsinda afatwa nk'ari mu byiciro c, d, na e.

Abagore bahura n'ibibazo muri Sosiyeti Nyarwanda

Kuva mu 1994, u Rwanda rwateye intambwe igaragara mu kongerera ubushobozi abagore no kurwanya ubusumbane n'ivangura byinshi abagore bahuraga nabyo mu gihe cyo hambere. Uyu munsi u Rwanda rufite imwe muri politiki z'uburinganire ziri gutera imbere mu bihugu byose byo muri Afurika, ndetse rwashyizeho runatera inkunga Minisiteri y'Uburinganire n'Iterambere ry'Umuryango hamwe n'Urwego rushinzwe Kugenzura iyubahirizwa ry'Uburinganire n'Ubwuzuzanye bw'abagore n'abagabo mu iterambere ry'Igihugu kugira ngo hakurikiranwe ishyirwa mu bikorwa ry'izo politiki ziri gutera imbere.

Nta gisobanuro kimwe cyangwa uburyo bwo kumva uburinganire no kongerera ubushobozi abagore, ndetse n'igisobanuro n'ukuri by'aya magambo biratandukanye birebewe miryango, imico n'igihe. Nubwo bimeze bityo, leta y'u Rwanda ifite icyizere gihagije mu ihame ry'uburinganire bw'abantu bose. Muri sosiyete

39 Bankrolling Disasters. 1986. Sierra Club; Weber & Vedder. 2001. In the Kingdom of Gorillas.

40 Des Forges, A. 1999. Leave none to Tell the Story

41 International Work Group on Indigenous Affairs. Accessed at https://www.iwgia.org/en/rwanda/3592-iw-2020-rwanda.html (last visited 29 October 2022)

iboneye, abagabo n'abagore mu byiciro by'imyaka yose, bagomba kugira uburenganzira bumwe bwo kwishyira ukizana, bagomba guhagararirwa kimwe mu nzego zose z'ubuyobozi bwa politiki, kandi ntibagomba gukorerwa ivangura cyangwa ihohoterwa rishingiye ku gitsina.

Uretse izo ntego, ikigaragara hirya no hino ni itandukaniro rinini hagati y'abagore bajya mu mashuri, urwego rw'ubukene, ubushobozi bwo kugenzura imitungo, no guhura n'ihohoterwa rishingiye ku gitsina (reba UMUGEREKA wa 8 kugira ngo ubone ibisobanuro). Nubwo bimeze bityo, abagore bo mu cyaro bakomeje kugira uruhare runini mu kubungabunga imibereho myiza n'umutekano w'imiryango yabo. Ariko kwita ku muryango biragenda bigorana ku bagore mu gihe ubutaka bwo guhinga bugenda bugabanuka, kuko isuri no kugabanuka ko kurumbuka k'ubutaka bigabanya umusaruro w'ibihingwa, kandi nk'ibiti bicanwa, kubona no kugeza ibiribwa n'amazi meza bifata igihe kinini. Imihindagurikire y'igihe n'ingano by'imvura, biterwa n'imihindagurikire y'ibihe, bizarushaho kungera ibibazo abagore bahura na byo kugira ngo babone ibyo imiryango yabo ikenere. Ibi ni ukuri cyane cyane ukurikije ibibazo by'uburinganire bikigaragara mu bice by'icyaro mu Rwanda.

Ubushobozi bw'abagore bwo gufata ibyemezo mu rugo rwabo ndetse no muri sosiyete muri rusange mu Rwanda bibangamiwe n'Ihohoterwa Rishingiye ku Gitsina. Ingaruka zo gushyira abagabo imbere mu gufata ibyemezo bw'abakurambere by'igihe kirekire mu gihugu zateje kandi zikomeza kumvi ko abagkanisha igitekerezo cy'uko abagabo bagomba gufata ibyemezo naho abagore bagaca bugufi. Abagore barenze ku mahame y'uburinganire bashimangira uburenganzira bwabo bwo kugira uruhare mu gufata ibyemezo, kandi ibi birashobora kugaragara nko gusuzugura ubushobozi bw'abagabo babo, bityo bikaba byavamo kwihimura gukabije. Mu mwaka wa 2010, abagore bo mu Rwanda bagera kuri 57% bavuze ko bahuye n'ihohoterwa rishingiye ku gitsina bakorewe n'abagabo babo, naho abagore binijza amafaranga menshi usanga ari bo bakorerwa ihohoterwa rishingiye ku gitsina cyane (RWAMREC, 2010). Ibi birerekana ko kongera amahirwe y'umugore mu gufata ibyemezo no kwinjiza inyungu zabo bizagira umusaruro muto cyane mu kongerera ubushobozi umugore kugeza ikibazo cy'Ihohoterwa rishingiye ku Gitsina gikemuwe. Kwishora mu bagabo no mu bahungu mu guharanira uburinganire n'ibikorwa byerekana ko ihohoterwa rishingiye ku gitsina atari ikibazo cy'umugore gusa, kandi bikekwa ko ryatsinze kugabanya ubwandu bw'ihohoterwa rishingiye ku gitsina (UNDP, 2018).

4.3. Serivisi zo mu rusobe rw'ibinyabuzima zihuza ibinyabuzima n'Ibidukikije

Serivisi zishingiye ku rusobe rw'ibinyabuzima zishyirwa muri ayo mashyamba, kandi zishingiye ku baturage baho, zirimo kandi ntizigarukira kuri; serivisi, ibicuruzwa karemano n'ibyatunganyijwe ndetse n'imikoreshereze y'umuntu ku giti cye cyangwa sosiyeti y'aho hantu. Servisi z'urusobe rw'ibinyabuzima zigabanyijemo ibice 4 muri rusange:

- Ibicuruzwa by'umwimerere (guteganya serivisi) zikomoka ku rusobe rw'ibinyabuzima, nka;
    - Ibiryo (Ibihingwa n'amatungo, amafi yo mu gasozi, ibiryo byo mu gasozi).
    - Ibikoresho fatizo by'ibinyabuzima (ibiti, ibikomoka ku biti, fayiba).
    - Imiti.
    - Amazi meza.
    - Inzuri.
    - Ibicanwa bikomoka ku binyabuzima.
- Imikorere karemano (kugenzura serivisi) igenzura uburyo karemano, harimo;

Ikirere.

    - Ububiko bwa karubone.

- Kurwanya indwara n’isuri.
- Kubungabunga urusobe rw'ibinyabuzima.
- Kugabanya umwuzure.
- Amabwiriza agenga amazi.
- Gufata ubutaka.
- Gufata no kurekura amazi yo mu butaka.
- Kubungabunga ibimera.
- Imyanda (nitrate na fosifate), uburozi, hamwe na imyuka iva mu bimera.
- Kwanduza

- Inyungu za rubanda (serivisi z'umuco) n’inyungu z’ibidafatika ziboneka mu rusobe rw’ibinyabuzima, nka;
  - Imyidagaduro.
  - Indangagaciro zo mu mwuka.
  - Kwishimira ubwiza.
- Byongeye kandi, serivisi z’ubufasha zirimo nk’ibikorwa karemano bikomeza izindi serivisi z’urusobe rw’ibinyabuzima, harimo;
  - Isimburana ry’intungamubiri no kubungabunga uburyo bw’ibinyabutabire bikomoka ku binyabuzimana no kwimuraibinyabutabire binyuze muri rusobe rw’ibinyabuzima.
  - Umusaruro w’ibanze (ni ukuvuga, fotosenteze).

Ku bijyanye n’amashyamba ibyo bikora nka karubone karemano yinjira kandi ishobora kugirira umumaro abaturage bahaturiye niba leta y'u Rwanda itarakoresha ibi mu rwego rw’amabwiriza y’igihugu, mu kuzamura izo gahunda nka ;

- Imishinga ya REDD+ igira uruhare runini mu gushyira mu bikorwa ibikorwa byo kuri site biha urubuga mu buryo buziguye abaturage mu guhagarika neza gutema na kwangiza amashyamba. Mu gihe ingamba na gahunda bya leta bitanga amategeko na politiki byo gukemura ikibazo cyo gutema no kwangiza amashyamba, imishinga ishobora gukorana cyane ahantu hihariye n’abaturage kugira ngo bakemure ibitera gutema no kwangiza amashyamba byihariye, hanashorwe imari muri utwo duce twugarijwe cyane n'abaturage babeshejweho nayo.
- Ingano yo kugabanya no gukuraho ibyuka bihumanya ikirere (GHG) mu bikorwa by’umushinga bibuza guhindura amashyamba agasi.

Hamwe n’ibisobanuro byatanzwe mu isuzuma ry’ibibazo by’imihindagurikire y’ikirere kandi byavuzwe mu ncamacye haruguru mu gice cya 4.2, amahirwe yo gutakaza serivisi z’urusobe rw’ibinyabuzima ndetse n’ingaruka z’imihindagurikire y’ikirere zigenda zikirikiana niba bidacyamuwe n’ibikorwa byihuse byo kongera amashyamba.

4.4. Uko Imibereho n'ubukungu byifashe mu Rwanda

U Rwanda rwanyuze mu byiciro byinshi by'iterambere guhera nyuma ya Jenoside yakorewe Abatutsi mu 1994 yibanze ku kuzahura ubukungu; mu ntangiriro yo myaka ya 2000, igihe Icyerekezo 2020 cyategurwaga kandi kigatanga igishushanyo mbonera cy’u Rwanda rushya rushyize imbere ibyifuzo by’iterambere ry’ubukungu, kandi, nyuma ya 2010, igihe cyongeye ingufu mu gushyiraho urufatiro rw’iterambere rirambye hashorwa imari mu bantu, hatezwa imbere ibikorwa remezo by’ibanze , ndetse hanagurwa uburyo bwo kubona serivisi zitandukanye.

Kuva mu 2000, u Rwanda rwagize impinduka zihuse mu mibereho n'ubukungu ndetse n’ubwiyongere bw’abaturage. Umusaruro mbumbe nyawo w’igihugu (GDP) mu gihe cya 2007-2017 wavuye kuri tiriyari

3,26 z'amafaranga y'u Rwanda ugera kuri tiriyari 6,69 cyangwa ku mpuzandengo ya 7.45% ku mwaka[42]. Ubukene bwaragabanutse buva kuri 77% mu 2001 bugera kuri 55% muri 2017, mu gihe icyizere cyo kubaho igihe cyo kuvuka cyazamutse kiva kuri 29 hagati mu myaka ya 1990 igera kuri 69 muri 2019. Umubare w'abana bapfa babyara wagabanutse uva ku 1,270 ku 100.000 bavutse ari bazima mu myaka ya za 90 ugera kuri 290 muri 2019. Igipimo cy'ubusumbane ku cyemewe, igipimo cya Gini, cyaragabanutse kiva kuri 0,52 muri 2006 kigera kuri 0,43 muri 2017[43]. Nanone, muri 2015, Ikigo cy'Igihugu cy'Ibarurishamibare mu Rwanda (NISR) cyatangaje ko abaturage bakora (imyaka 16 no hejuru yayo) mu Rwanda ari miliyoni 6,4 barimo abagore bangana na 54% n'abagabo bangana na 46%.

Ubuhinzi n'urwego rukomeye rw'ubukungu bw'u Rwanda kandi bwatanze umusanzu wa 26% ku Musaruro mbumbe w'igihugu (GDP) mu mwaka wa 2020[44] aho ingo zigera kuri 90% zikora ubuhinzi bw'ibihingwa ngandurarugo, cyane cyane mu masambu mato atacyera kubera kuyahinga buri gihe. Uru rwego rukoresha hejuru ya 64% by'abaturage bakora kandi rurangwa n'umusaruro muke n'agaciro gake mu bukungu[45]. Imiryango myinshi yo mu Rwanda ubuzima bwayo bushingiye ku buhinzi mu bijyanye n'ibiribwa no kwinjiza amafaranga.

Serivisi n'ubukerarugendo ni ingenzi mu kuzamura ubukungu mu Rwanda, zatanze 15.1% ku Musaruro Mbumbe w'Igihugu (GDP) muri 2019. Ibice by'ingenzi bya serivisi bikura birimo amabanki, serivisi z'ubwishingizi, n'izo gutwara abantu. Serivisi zohereza ibintu mu mahanga ziyongereyeho 10% ku mwaka hagati ya 2009 na 2014. Urwego rw'ingendo (harimo n'ubukerarugendo) rwongeye imigabane yarwo ya serivisi zose zo kohereza ibintu mu mahanga mu myaka ishize ya vuba aha. Muri 2019, ubukerarugendo bwinjije miliyoni 498 z'amadolari ya Amerika (bwiyongeyeho 17% guhera muri 2018) bingana na 50,1% by'ibyoherezwa mu mahanga byose.

Nubwo hari iterambere rikomeye kuva mu 2000, ubukene bukomeje kwiyongera no gukwirakwira. Muri rusange, 38,2% by'abaturage babaho mu bukene naho 16% baba mu bukene bukabije[46]. Ishusho y'ubukene mu Rwanda igaragaza ko abagore bibasiwe n'ubukene kurusha abagabo, aho 47% by'ingo ziyobowe n'abagore bakennye ugereranije na 44.9% by'ingo zose. Kimwe no mu bihugu byinshi, ubukene bufite ibipimo bishingiye ku hantu by'ingenzi. Ingo zo mu cyaro zikubye inshuro zirenga ebyiri kuba mu bukene n'ubukene bukabije kuruta ingo zo mu mijyi. Imbonerahamwe 4 irerekana ijanisha ry'abaturage babayeho mu bukene n'ubukene bukabije muri 2016/2017.

Imbonerahamwe 4. Ubukene n'ubukene bukabije mu Rwanda[47]

Aho bahererereye	Abakene [%]	Abakene bakabije [%]
Igihugu		
Igihugu cyose	38,2	16

42 NISR, 2018

43 https://www.worldbank.org/en/country/rwanda/overview

44 NISR, 2021

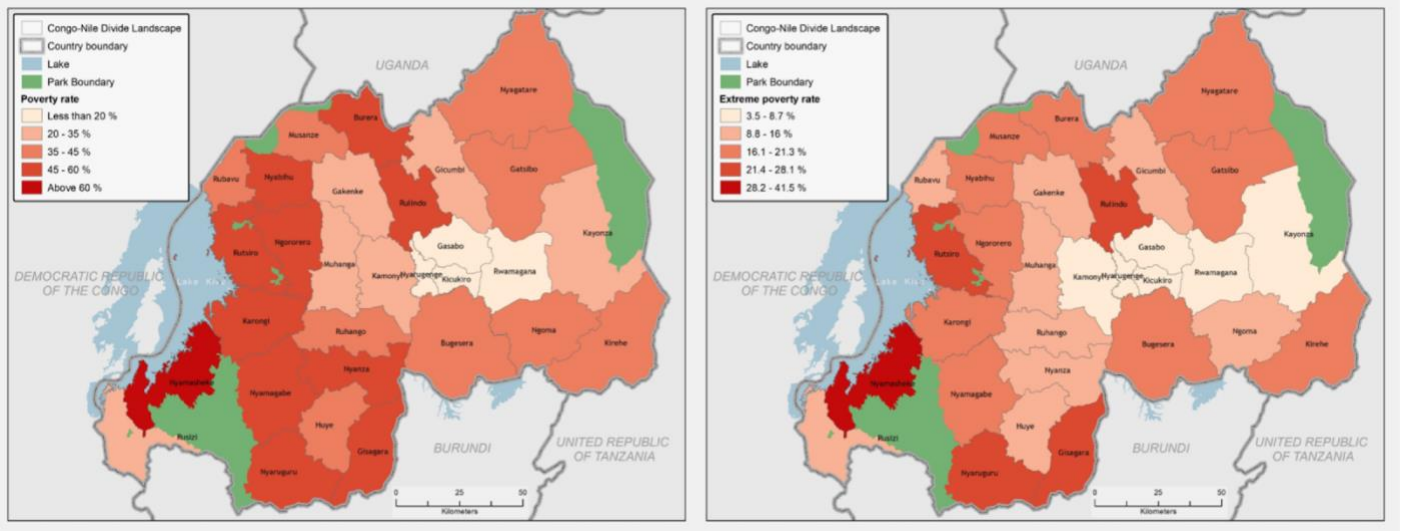
45 Idem

46 National Institute of Statistics (NISR), 2017. The Fifth Integrated Household Living Conditions Survey (EICV5), 2016/2017.

Aho bahereereye	Abakene [%]	Abakene bakabije [%]
Agace utuyemo		
Umujyi	15,8	5,9
Icyaro	43,1	18,1
Intara		
Umujyi wa Kigali	13,9	4,2
Intara y'Amajyaruguru	42,3	17,4
Intara y'Amajyepfo	41,4	16,9
Intara y'Uburasirazuba	37,4	15,3
Intara y'Uburengerazuba	47,1	21,6

4.5. Uko Imibereho n'ubukungu byifashe mu Isunzu rya Congo Nili

Uturere two mu Ntara y'Iburengerazuba n'iy'Amajyepfo mu karere k'Isunzu rya Congo Nili dufite umubare munini w'ubukene n'ubukene bukabije mu gihugu (Igishushanyo 9). Tumwe muri utwo turere kandi dufite ibipimo byo hejuru by'igwingira rigaragara.[48]



Ikarita 9. Ibipimo by'Ubukene n'ubukene hagendewe ku karere 2017[49]

48 Rwanda Nutrition Situation Analysis and Policy Implications

49 National Institute of Statistics of Rwanda (NISR), EICV5_Environment and Natural Resources Thematic Report, December 2018

Ibikorwa by'ingenzi by'ubukungu mu karere k'Isunzu rya Congo Nili birimo ubukerarugendo, ubuhinzi n'ubucukuzi bw'amabuye y'agaciro. Ibihingwa nyamukuru birimo ikawa n'icyayi, igitoki, ibigori, ibishyimbo, imyumbati n'ibijumba. Ingo nyinshi zo mu cyaro ni abahinzi-borozi bato bato bahinga ibishyimbo, ibigori, ibirayi n'ibijumba ahantu h'ubutumburuke buri hejuru n'amasaka, igitoki, imyumbati, n'ibishyimbo ku butumburuke buri hasi. Ibihingwa by'ibanze ngendabukungu birimo icyayi n'ikawa; guhinga ibihingwa byoherezwa mu mahanga biriyongera kandi imirima y'icyayi iri kwaguka. Ibigo bimwe by'ubucuruzi, nk'inganda z'icyayi, bihuza abahinzi baho binyuze muri gahunda yo guhinga no gusagurira amasoko. Abahinzi kandi bakora amakoperative yo gukusanya, koza no kugurisha ikawa, harimo n'umwihariko w'ikawa ya Arabica Bourbon. Icyerekezo cy'ikigereranyo ngenderwaho cy'ikirere cyerekana ahantu heza ho guhinga ikawa ya Arabica mu Rwanda hashobora kugabanuka kugera kuri 50%.

Amatungo nk'ahandi hashobora kwinjiriza amafaranga imiryango hakanatanga ibiryo afitwe n'abarenga 80% mu karere k'Isunzu rya Congo Nili. Amatungo agizwe ahanini n'inka, ihene, ingurube, intama, inkoko, n'inkwavu.

4.6. Imitungire n'imikoreshereze by'ubutaka

Itegeko Nshinga rya Repubulika y'u Rwanda ryemera umutungo wa Leta n'abikorera kandi riha buri muturage uburenganzira ku mutungo bwite, waba ufitwe ku giti cye cyangwa ufatanije n'abandi. Leta ifite ububashabwo gutanga uburenganzira ku butaka, harimo uburenganzira ku mutungo bwite w'ubutaka, no gushyiraho amategeko agenga guhabwa ubutaka, kubuhererekanya, no kubukoresha. Ubutaka bwa Leta bushyirwa mu rwego rwa Leta cyangwa abigenga; ubutaka bwa leta ntibushobora guhererekanywa. Ubutaka gakondo (hamwe n'ubutaka busanzwe) ntibukiboneka mu Rwanda, bituma ibyo biba umwihariko mu bihugu by'Afrika yo munsi y'ubutayu bwa Sahara. Ahubwo, isambu ifitwe n'abantu n'imiryango (Itegeko nshinga ry'u Rwanda rya 2003, ryavuguruwe muri 2015).

Mu 1999, leta y'u Rwanda yemeje itegeko ry'izungura, ryashyizeho uburenganzira bungana ku bagore n'abagabo[50]. Nyuma yo kwemeza Politiki y'igihugu y'ubutaka mu 2004, yashyizeho urufatiro rwo kuvugurura imikoreshereze y'ubutaka, Itegeko ry'ubutaka mu 2005 (OLL) ryagaragaje uburyo bwo gutunga ubutaka no gutanga uburenganzira, kwandikisha ubutaka no gutanga ibyemezo by'ubutaka, n'ubuyobozi bwo gukoresha ubutaka n'iterambere[51].

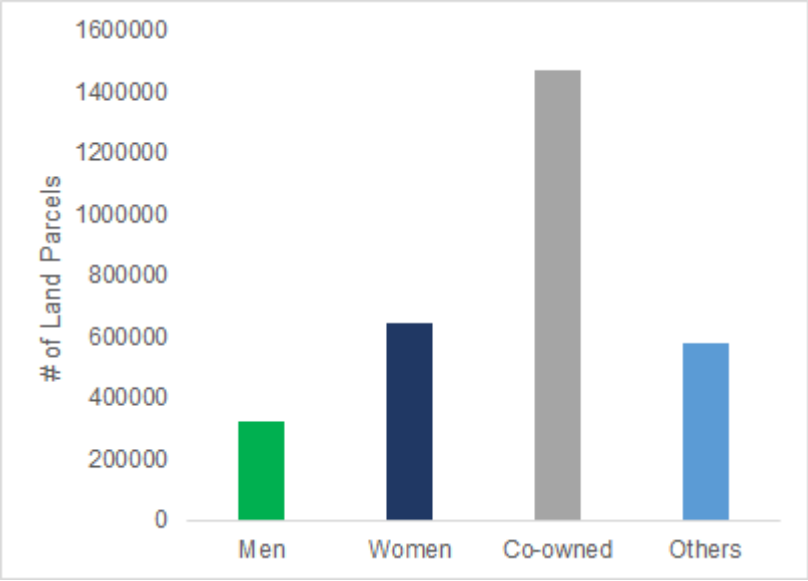
Rwanda Land Dashboard (https://rwandalanddashboard.rlma.rw/o45@d) ni urubuga rwa interineti rukoreshwa mu buryo bworoshye mu kubona amakuru y'ubutaka kandi rutanga amakuru yerekewe gutunga ubutaka. Mu Rwanda rukoreshwa cyane cyane mu buhinzi no/cyangwa mu guteza imbere ubworozi. Hashingiwe ku Gishushanyo Mbonera cy'Imikoreshereze y'Ubutaka n'Iterambere ry'Igihugu 2020-2050, 41,6% by'ubutaka bw'igihugu bukoreshwa mu buhinzi, nubwo 31.9% ari bwo bujyanye n'ubuhinzi. 27.5% by'ubutaka ni amashyamba, nyamara 19% gusa ni ishyamba kimeza; ahasigaye ni ubuso bw'amashyamba. Ubwiyongere bw'abaturage bufatanyije no gushingira imibereho cyane ku buhinzi bituma ubutaka buba bumwe mu butunzi budapfa kuboneka mu Rwanda. Imiryango myinshi yo mu Rwanda ihinga byibuze isambu imwe, kandi imyinshi muri yo ishingiye mu buryo buziguye ku buhinzi nk'isoko yayo nyamukuru cyangwa isoko yonyine yinjiza amafaranga, cyane cyane mu bice by'icyaro

50 Daley, Dore-Weeks, & Umuhoza. (2010). Ahead of the Game: Land tenure reform in Rwanda and the process of securing women's land rights. Journal of East African Studies, 4 (1): 131-152. http://dx.doi.org/10.1080/17531050903556691

51 Gillingham, P.; Buckle, F. Rwanda land tenure regularisation case study. Evidence on Demand, UK (2014) 40 pp. [DOI: http://dx.doi.org/10.12774/eod_hd.march2014.gillingham]

(94%) in 2016/17[11].

Mu gihe Rwanda Land Dashboard n'andi mabarura yo gutunda ubutaka bitemera gukuramo amakuru kugira ngo hagaragare neza imbibi z'Isunzu rya Congo Nili, amakuru araboneka ku rwego rw'intara. Ubuke bw'ubutaka ni ikibazo gikomeye mu Ntara y'Iburengerazuba (buhuzwa cyane n'Isunzu rya Congo Nili), impuzandengo y'ubutaka kuri buri rugo ni ha 0,4 gusa, ndetse abahinzi barenga 60% bahinga ubuso buri munsi ya ha 0,3[52]. Hatabayeho ibikorwa bifasha kuzamura umusaruro w'ubuhinzi (urugero: gukora amaterasi, ibikorwa byo gutera ibiti bivangwa n'imyaka), gutanga umusaruro uhagije w'ibiribwa n'ibiti bicanwa kuri ubwo butaka buto biragoye cyane, biganisha ku gitutu gikaze ku mashyamba kimeza n'ayatewe. Mu buryo nk'ubwo, abafite ubutaka buto bashobora kwibasirwa cyane n'ibiza by'imihindagurikire y'ibihe, nkuko ikintu kimwe gishobora gutuma habaho guhomba ibihingwa ku muryango.



Igishushanyo 10. Imibare yo gutunga pariseri z'ubutaka mu Ntara y'Iburengerazuba. Inkomoko: Rwanda Land Dashboard (https://rwandalanddashboard.rlma.rw/o45@d)

Mu Ntara y'Iburengerazuba, igice kinini cy'ubutaka gifitwe n'abagabo n'abagore (Igishushanyo 10). Muri pariseri zifitwe n'umuntu umwe, abagore batunze hafi inshuro ebyiri ugereranyije n'umubare wa pariseri z'ubutaka zifitwe n'abagabo (Igishushanyo 5). Hafi 80% by'abahinzi-borozi bafite uburenganzira ku butaka bwabo kandi bashobora kubukoresha nk'ingwate y'inguzanyo. Intara y'Amajyaruguru ifite ijanisha riri hejuru rya 89% by'ingo zifite uburenganzira ku butaka kandi zishoboka kubukoresha nk'ingwate. Izindi ntara uko ari eshatu zifite urwego rumwe rw'uburenganzira ku butaka: Intara y'Amajyepfo: 77%; Intara y'Iburasirazuba: 78%; Intara y'Iburengerazuba: 81%.

Itegeko ry'Ubutaka N° 27/2021 ryo kuwa 10/06/2021 rifata ubutaka nk'ubw'umuntu cyangwa ubwa leta. Ubutaka bw'umuntu ku giti cye (ni ukuvuga abikorera) bushobora kuboneka hashingiwe ku mahame y'amategeko y'umuco cyangwa amategeko asanzwe. Ubutaka bwa Leta burimo: (1) ubutaka bwa leta mu rwego rusange (urugero: inkombe z'ikiyaga, pariki z'igihugu, imihanda, ahantu nyaburanga), muri rusange ntibushobora guhererekanywa; (2) ubutaka bwa leta mu rwego rwigenga rwa leta.

52 EICV 5 report 2016/17

Politiki y'Igihugu y'Ubutaka yo muri 2004 ivuga ko: (1) Abanyarwanda bose bafite uburenganzira bumwe bwo kubona ubutaka; (2) ubutaka bwose bugomba kwandikwa kandi ubutaka bushobora guhererekanywa; (3) gushikariza abantu guhuza ibibanza by'ingo; n' (4) imicungire y'ubutaka igomba gushingira ku cyangombwa gitangwa binyuze muri sisiteme yo kwandikisha (Poliki y'Ubutaka ya leta y'u Rwanda 2004).

Imikoreshereze y'ubutaka ahanini igenwa n'impamvu nyinshi, iz'ingenzi ni ikirere, imibereho myiza n'ubukungu by'abaturage (umuco, n'ubwiyongere bw'abaturage, amakimbirane no gutuza), na politiki za leta. Hafi ya 47.2% by'ubutaka bw'igihugu bukoreshwa mu buhinzi, hamwe na km² 12,433 zihingwa (NLUDMP 2020-2050). Igihugu gifite km² 2,068 z'ibishanga, muri byo hahingwa hafi 62%[53]. Ikigaragara mu myaka ishize ya vuba aha ni ukwaguka kw'ahantu ho gutura n'ah'ibikorwa remezo byatumye hatakara urwuri rw'ubuhinzi, amashyamba, n'ibiti byo gucanwa[54].

Imikoreshereze y'ubutaka no kwangirika kwabwo mu karere k'Isunzu rya Congo Nili – Aho umushinga ukorera

Ubutaka bukoreshwa cyane mu karere k'Isunzu rya Congo Nili (CND) burimo amashyamba karemano, amashyamba yatewe, guhinga icyayi, urwuri, ubuhinzi butunzwe, imihanda nibikorwa rusange hamwe nimidugudu nicyaro. 27% by'akarere k'umushinga karinzwe nka Parike y'Ibirunga (VNP) (163 km²), Parike y'igihugu ya Gishwati-Mukura (GMNP) (35.58 km²), na Parike y'igihugu ya Nyungwe (NNP) (1,019 km²). Guhinga amashyamba byiganjemo amoko ya Pinusi, Eucalyptus, Alnus na Acacia. Icyayi nigicuruzwa kinini cyohereza ibicuruzwa hanze ninganda ningamba ningamba zo kuzamura icyatsi mukarere ka burengerazuba bwu Rwanda. Ikirere gikonje cyimisozi miremire yuburengerazuba bwakarere ka CND gitanga ibihe byiterambere byicyayi cyiza, kizwi kwisi yose kubera imbaraga nubwiza. Guverinoma y'u Rwanda yashyizeho intego yo kongera umusaruro w'icyayi uva kuri ha 24,000 ukagera kuri ha 45,000 binyuze mu kwagura gahunda z'abahinzi-borozi bahujwe n'inganda zitunganya icyayi ku giti cyabo[55]. Ahantu hateganywa kwagurirwa icyayi mu karere k'Isunzu rya Congo-Nili ni muri Nyaruguru, Uturere twa Karongi, na Nyamasheke aho ikirere, ubutaka, ubutumburuke, imvura n'ibindi bikenewe mu guhinga icyayi[56]. Biteganyijwe ko hagomba guterwa ha 6.300 z'amashyamba kugira ngo haboneke ingufu zikenewe ku mirama y'icyayi iri kuri ha 21.000[57]. Ubwiyongere buteganywa ku musaruro w'icyayi, ubwiyongere bw'abaturage, ubucye bw'ubutaka no guhatana kw'inganda zitandukanye mu kubona ubutaka bisa nibishyira igitutu ku rusobe rw'ibinyabuzima byo mu mashyamba no kuri serivisi rutanga mu Isunzu rya Congo-Nili.

Nanone kandi, urebye ko ahantu hagenewe kwagurirwa ubuhinzi bw'icyayi hagongana n'ahantu hateganyijwe kwagurira icyanya kandi hagira akamaro cyane ku rusobe rw''ibinyabuzima, biragaragara ko hatabayeho guhuza imirenge no gutegura neza imikoreshereze y'ubutaka ishyize mu gaciro, izo ntego z'ingenzi zishobora kubangamirwa kandi bikagabanya cyane amahirwe y'uko zazagira akamaro zitezweho. Mu rwego rw'ahantu 'higanje abantu' by'umwihariko, nk'u Rwanda, ni ngombwa kumenya amahirwe ahari y'ahantu hanini n'iyambukiranya imirenge (ubuhinzi, amashyamba, ubukerarugendo,

53 National Land Use and Development Master Plan (2020-2050)

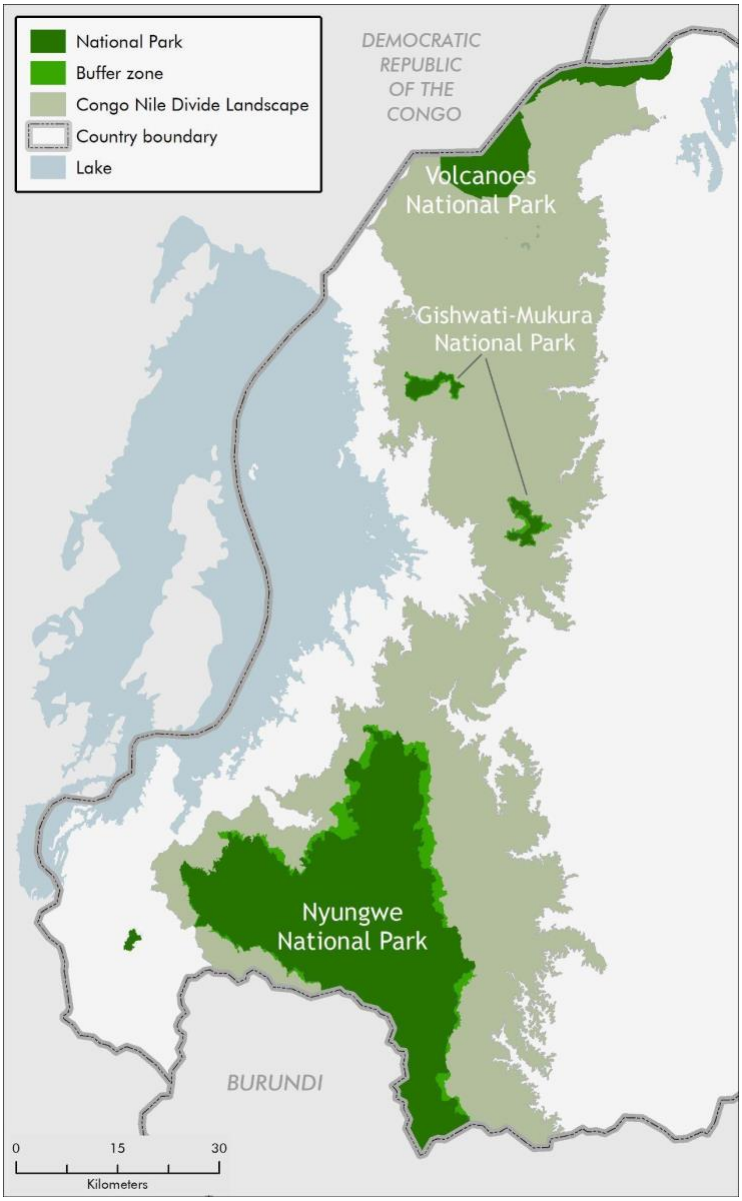
54 Rwanda Environment Management Authority (REMA), 2009. Rwanda: State of Environment and Outlook Report 2009. Kigali: Rwanda Environment Management Authority-Republic of Rwanda

55 Strategic plan for Agriculture Transformation 2018-2024

56 https://naeb.gov.rw/index.php?id=47&type=rss

57 Personal communication from the Director of Nyabihu Tea Factory

n'imihindagurikire y'ibihe) mu kubungabunga urusobe rw'ibinyabuzima kamere kubera inyungu z'uburyo bibana n'umusaruro bitanga..



Igishushanyo 11. Ikarita ya parike z'igihugu hamwe n'uturere tw'ubuhumekero twazo mu Isunzu rya Congo Nili.

Ubushakashatsi ngarukagihembwe bw'ubuhinzi buvuguruye (USAS) mu 2020 bwagagaraje ko ubuso bw'ubutaka buhingwa mu turere 10 tw'Isunzu rya Congo Nili ari hegitari 385.000 (52% by'ubutaka bwose). Mu mwaka w'ubuhinzi wa 2019/2020, ubuso bw'ahantu hahingwa hari ibikorwa by'ubuhinzi bwari hegitari 328.000. Ubuso buhingwa buhoraho bwavuye kuri ha 123.000 mu gihembwe A bugera kuri ha 133.000 mu gihembwe B. Iyi mibare ikubiyemo ubuso bwose bw'uturere twose tw'Isunzu rya Congo Nili, aho kuba imbibi nyazo z'Isunzu rya Congo Nili, kubera ko amakuru yakusanyijwe ku rwego rw'akarere. Nyamara,

ibihagize bisa nkaho bisa cyane mu mbago z'Isunzu rya Congo Nili.

Ubuhinzi bucirirtse ni uburyo bwiganje mu mikoreshereze y'ubutaka mu gice cy'uyu mushinga. Ingo nyinshi zo mu cyaro zihinga ibishyimbo, ibigori, ibirayi n'ibijumba ahantu ubutumburuke buri hejuru ndetse n'amasaka, urutoki, imyumbati, n'ibishyimbo ku butumburuke buto. Aborozi bato benshi borora amatungo cyane cyane kugira ngo babone ifumbire, nubwo amatungo yifashishwa no mu kubona inyama n'ibikomoka ku mata, cyane cyane hafi ya Parike ya Gishwati-Mukura. Agace k'umushinga gafite imiterere itandukanye yo gutandukana k'ubutaka. Mu turere 10 two mu karere k'Isunzu rya Congo Nili mu Ntara y'Iburengerazuba, Amajyaruguru, n'Amajyepfo, 40-50% by'abahinzi bafite imirima ifite ubuso butarenze ha 0,2. Imirima mito cyane iri cyane mu Ntara y'Iburengerazuba (31% by'igihugu cyose). Mu karere ka Rubavu, Intara y'iburengerazuba, hafi 70% by'abahinzi bafite ibibanza bito kuri ha 0,2[58].

Hari imirimo y'ubuhinzi ikorerwa mu misozi ihanamye cyane kandi uturere dutundukanye tw'Isunzu rya Congo Nili twibasiwe n'ibikorwa byangiza ubutaka bigatuma butwarwa. Igishushanyo mbonera cy'imikoreshereze y'ubutaka n'iterambere ry'igihugu 2020-2050 gishyira imbere kubungabunga amashyamba, kuruta ubuhinzi, ahantu hahanamye >55%, kandi utwo turere tugomba kuvugura amashyamba cyangwa guterwa amashyamba kugira ngo hongerwe serivisi z'urusobe rw'ibinyabuzima.

Ibyago byinshi by'isuri mu Rwanda biri mu gace k'Isunzu rya Congo Nili[59]. Igishushanyo 10 hepfo kirerekana ko Isunzu rya Congo Nili rifite ingaruka nyinshi ziterwa n'isuri zifite ibyiciro bitatu bikunze kugaragara. (i) Ibyago byinshi by'isuri bifite 25-50 t/ha/umwaka, (ii) Ibyago byinshi by'isuri bikaje bifite 50-100 t/ha/umwaka, na (iii) Ibyago byinshi by'isuri bikabije cyane bifite hejuru ya 100 t/ha/umwaka. Icyiciro cy'ibyago byinshi by'isuri bikabije cyane gifata ha 33.154, ibyago byinshi bikabije bifata ha 65.922, naho ibyo hejuru bifata ha 61.472. Imbonerahamwe 5 ikurikira irerekana ibyiciro by'ibyago hamwe n'akarere bibarizwamo mu Isunzu rya Congo Nili.

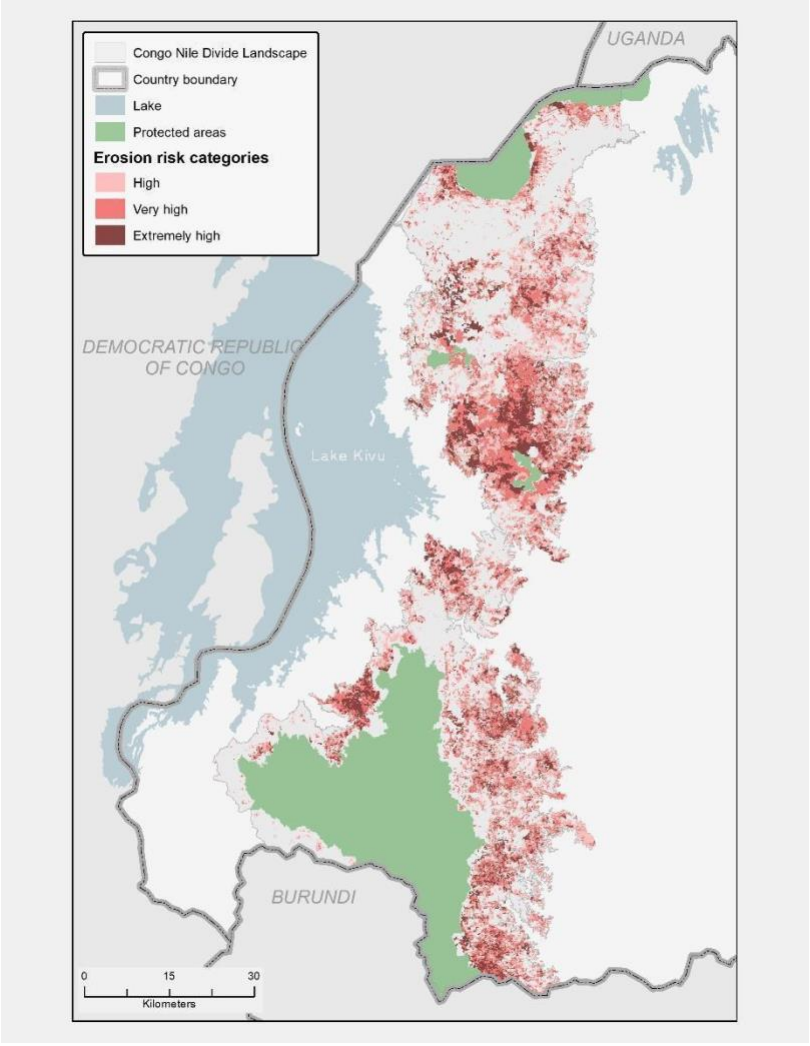
Imbonerahamwe 5. Ibyiciro by'ibyago by'isuri hagenewe ku karere muri Isunzu rya Congo Nili[16]

Ibyago by'isuri	Hejuru cyane (ha)	**Hejuru (ha)**	**Hejuru cyane (ha)**	**Igiteranyo (ha)**
KARONGI	2.900	7.946	5.761	16.607
MUSANZE	1.033	2.728	2.548	6.309
NGORORERO	5.665	10.102	10.829	26.596
NYABIHU	2.271	8.989	6.733	17.993
NYAMAGABE	4.447	10.686	12.729	27.863
NYAMASHEKE	2.831	3.152	3.448	9.432

58 NISR, EICV4 2013/2014

59 MOE (2020). Rwanda Erosion Control Mapping

Ibyago by'isuri	Hejuru cyane (ha)	Hejuru (ha)	Hejuru cyane (ha)	Igiteranyo (ha)
NYARUGURU	4.996	8.121	8.444	21.560
RUBAVU	1.598	2.206	2.243	6.047
RUSIZI	7	379	55	441
RUTSIRO	7.406	7.163	13.132	27.701
Igiteranyo cya byose	33.154	61.472	65.922	160.548



Igishushanyo 12. Ibyiciro bitatu bya mbere by'ibyago by'isuru mu gace k'Isunzu rya Congo Nili (Hejuru: 25-50 t/ha/umwaka; Hejuru cyane: 50-100 t/ha/umwaka; Hejuru cyane> 100 t/ha/mwaka). Inkomoko: Raporo ya Gahunda yo Kurwanya 2020.

4.7. Imiterere y'amashyamba mu Isunzu rya Congo-Nili

Amashyamba kimeza y'Isunzu rya Congo Nili mu Rwanda ni ingenzi ku serivisi z'urusobe rw'ibinyabuzima n'ibicuruzwa atanga ku baturage batishoboye bo mu karere ndetse n'ubukungu bw'igihugu. Yagaragajwe nk'igikoresho cy'ingenzi mu guhuza n'ahantu bigendeye ku rusobe rw'ibinyabuzima mu Ngamba zo Gutera amashyamba no kubungabunga ikirere mu Rwanda[60]. kandi ni ingenzi cyane ku buhinzi bucyenera imvura bwo mu Rwanda. Yongera kandi amazi yo mu butaka; akarinda imyuzure; agakumira isuri; agatanga inkwi zo gucana n'ibiti byo kubaka; atuma habaho ubukerarugendo bw'igihugu, butanga umusanzu munini mu kwinjiza amadovize mu Rwanda[61]; kandi atanga inyungu nyinshi zo kurwanya ihumana ry'ikirere bigateza imbere ubukungu bw'igihugu n'imibereho myiza y'abaturage[62].

Ariko, mu myaka 45 ishize, amashyamba karemano ya CND yarangiritse kandi arangirika, cyane cyane binyuze mu guhindura ubutaka mu buhinzi no gusarura inkwi. Kuva mu 1962, VNP yatakaje hafi kimwe cya kabiri cy'amashyamba kimeza; NNP yatakaje hejuru ya 13%, cyane cyane kubera ibiza by'inkongi y'umuriro; GMNP yatakaje 95%[63]. Muri 2019, amashyamba y'ubwoko bwose yari hafi 27% ya CND (ha169.197), yiyongera kuva kuri 23% (ha 144.792) mu 1986. Mu gihe muri rusange amashyamba yiyongereye kuva mu myaka yo hagati mu 1980 (Arakwiye et 2021), hafi inyungu zose zigizwe no guhinga ubwo bumwe bw'Inturusu na Alunusi, zifite agaciro k'ibiti byo kubaka n'ibiti bicanwa ariko bifite ubushobozi buke bwo gutanga izindi serivisi z'urusobe rw'ibinyabuzima ugereranyije n'ubwoko bw'ibiti gakondo. Iki kibazo cyerekana ko hakenewe uburyo buhuriweho bwo gutera amashyamba no kuvugurura amashyamba kugira ngo habeho itangwa rirambye rya serivisi zinyuranye z'urusobe rw'ibinyabuzima[64].

Muri CND, amashyamba kavukire hafi ya yose ari hamwe na parike yigihugu hamwe n'amashyamba mato arinzwe, hamwe n'ibiti hafi ya byose bitwikiriye hanze y'utwo turere turinzwe bigizwe n'imirima y'ibiti kavukire. Nubwo ifite ubuso bunini, kimwe cya kabiri cy'aya mashyamba ari munsi ya ha 0,25, naho hejuru ya 70% ni ari munsi ya ha 0.5. Umubare munini w'ibihingwa mu Isunzu rya Congo Nili ugizwe na Pinusi n'Inturusu, bingana na 45% na 38% byombi.[65]. Hafi ya 60% y'aya mashyamba ni iy'abikorera ku giti cyabo bato, kandi amenshi muri yo yangiritse cyane, hamwe n'ikigereranyo cyo gukurura ibyuka bibi byo mu kirere kingana na m3 37/ha (ugereranyije na m3 200/ha ku mashyamba acungwa neza)[66]. Amashyamba acungwa n'Uturere nayo yangiritse cyane, mugihe amashyamba ya leta nay'ibigo byigenga muri rusange acungwa neza kandi atanga umusaruro (Imbonerahamwe 4). Imwe mu mpamvu zikomeye zitera kwangirika gukabije kw'amashyamba mu Isunzu rya Congo Nili ni uko amashyamba menshi ari ay'abafite b'imishinga mito, badafite ubushobozi bwo gushora imari cyangwa kubona ubufasha bw'ibigo by'imari kugira ngo bavugurure amashyamba yangiritse. Ibi, bihujwe no gukenerwa cyane kw'ibiti bicanwa, bivuze ko ibihingwa bihari bikoreshwa cyane kandi bigasarurwa hakiri kare cyane, bigatuma hakomeza kwangirika. Nubwo amashyamba acungwa n'ibigo byigenga muri rusange atanga umusaruro mwinshi, impuzandengo y'ubuso bw'amashyamba afitwe n'abikorera bato ni mato cyane ku buryo adashobora

60 Republic of Rwanda. 2011. Green Growth and Climate Resilience National Strategy for Climate Change and Low Carbon Development.

61 RDB 2017

62 Stainback A. and M. Masozera. 2010. Payment for ecosystem services and poverty reduction in Rwanda. Journal of Sustainable Development in Africa. 12(3).

63 Weber, Masozera, & Masozera, 2005.Biodiversity Conservation in Rwanda. Collected works of the Protected Areas Biodiversity Conservation Project.

64 Arakwiye, Bernadette, John Rogan, and J. Ronald Eastman. "Thirty Years of Forest-Cover Change in Western Rwanda during Periods of Wars and Environmental Policy Shifts." Regional Environmental Change 21, no. 2 (March 8, 2021): 27. https://doi.org/10.1007/s10113-020-01744-0.

65 Rwanda National Forest Inventory 2015

66 Rwanda National Forest Inventory 2015

kwinjiza amafaranga yo kugurisha/kwemerera ibigo by'amashyamba (Icyitonderwa- isesengura rirambuye ry'amashyamba mu Isunzu rya Congo Nili riri mu gice cya 6 cy'iyi nyandiko).

Imbonerahamwe ya 6. Ibiranga ibyiciro byo gutunga amashyamba mu Isunzu rya Congo Nili.

Icyiciro cya Nyir'ubwite	Ahari Ishyamba %	Ibiranga
Ishyamba rya Leta	26,9	Amashyamba ya leta ni manini (ubunini bwa ha 31), kandi muri rusange acungwa neza mu Isunzu rya Congo Nili, ikigereranyo cyo gukurura ibyuka byo mu kirere kingana na m^3 193/ha. Uyu ni umusaruro munini ku mashyamba yo hirya no hino mu Rwanda.
Ishyamba ry'Akarere	2,2	Impuzandengo y'amashyamba y'akarere ni ha 2,2 mu Isunzu rya Congo Nili. Yarangiritse muri rusange kandi akurura ibyuka byo mu kirera gahoro cyane (hafi m^3 5.84/ha, ugereranije n'igipimo cyiza cya m^3 60-80/ha). Imbibi z'amashyamba y'uturere ntizisobanutse neza kandi akenshi akunze gutemwamo ibiti no gusarurwa hakiri kare kubera ko hakenerwa cyane inkwi mu baturage bayaturiye.
Abahinzi bato-Bikorera	67,6	Amashyamba y'abahinzi bato bikorera afite ikigereranyo cy'ubunini bwa ha 0,25 - 2. Afite ubushobozi bwo gukurura ibyuka buke (hafi m^3 35/ha49) mu gihe ikigereranyo cyemewe cy'amashyamba mato y'abigenga akunze gutemerwa hasi agomba kuba hafi m^3 70 /ha. Abahinzi bato ku giti cyabo ntabwo bafite ubushobozi bwo gushobora imari kandi ntibashobora kubona ubufasha mu bigo by'imari bicirirtse, basobanura impamvu amashyamba yabo itavugururwa kandi uko igihe kigenda umusaruro ukarushaho kuba muke.
Abikorera - Ibigo	3,3	Amashyamba y'ibigo byigenga icungwa neza mu Isunzu rya Congo Nili, ikigereranyo cyo guhgukurura ibyuka bihumanya ni na m^3 193/ha.

Uretse guhinga amashyamba, abahinzi benshi mu Isunzu rya Congo Nili banashyira ibiti bivangwa n'imyaka mu mirima yabo. Amashyamba mato usanga aribwo buryo bwonyine bushoboka ku bahinzi bafite ubutaka buhanamye kandi bwangiritse cyane, kandi urebye ukuntu Isunzu rya Congo-Nili rirangwa ahanini n'ubutaka nk'ubwo, ibyinshi mu biti byo mu murima biboneka mu ishyamba mato. Ku butaka bworoshye cyane, gutera ibiti ku nkingo bituma abahinzi barwanya isuri, kuko ibiti biteye ku murongo uzengurutse. Nyamara, ibiti bivangwa mu myaka bikunze guhura n'ibibazo nk'akarere ndetse n'amashyamba y'abigenga, biterwa ahanini no gusarura ibi byo gucana. Hafi ya 86% y'ingufu z'ibanze mu Rwanda zikomoka ku binyabuzima, kandi urugero fatizo rwakozwe mu nk'igice cy'Ingamba zo Gukoresha Ingufu zikomoka ku bimera mu Rwanda rwerekana ko inkwi zikenewe ari toni miliyoni 6.5 hejuru y'umusaruro urambye wabonetse muri 2018[67]. Mu buryo nk'ubwo, Amasezerano y'Umuryango w'Abibumbye

67 Rwanda Biomass Energy Strategy 2019

y'Imihindagurikire y'Ibihe (UNFCCC) avuga ko igice kidashobora kuvugururwa cy'ibitanga ingufu bikomoka ku bimera ari 98% mu Rwanda, cyerekana ko umusaruro mwinshi udashoboka w'ibitanga ingufu zituruka ku bimera[68]. Uru rwego rw'ibicanwa bikenewe rutuma habaho gusarura cyane amashyamba karemano n'ibiti byatewe, biganisha ku gutema amashyamba no kwangirika kw'amashyamba ndetse no gukoresha cyane ibiti n'ibihuru biri ku butaka buhingwa.

4.8. Kwangirika kw'amashyamba n'ikirere mu Isunzu rya Congo-Nili

Ibice by'ishyamba hanze ya pariki y'igihugu mu Isunzu rya Congo-Nili ni bito cyane kandi ntibihagije kugira ngo bigenzure, bitange, binafashe serivisi zikenewe ku baturage batishoboye mu Isunzu rya Congo-Nili. Imihindagurikire y'ibihe ubu ikomeje kwangiza uduce tw'amashyamba y'u Rwanda ihindura amoko y'ibinyabuzima, imiterere, uruhererekane rw'imikorere, no guhungabanya imicungire, kandi, kubera iyo mpamvu, bigabanya serivisi z'ibidukikije aya mashyamba atanga[69] ku baturage batishoboye. Kwihangana kwamashyamba, ni ukuvuga, ubushobozi bwabo bwo guhangana n'imihindagurikire y'ibidukikije n'ikirere, bifitanye isano itaziguye n'ubunini bwayo.

Imihindagurikire y'ibihe rero ibangamiye urusobe rw'ibinyabuzima n'ubusitani bigira uruhare runini mu gubaka ubudahangarwa n'imihindagurukire y'ibihe ku bantu miliyoni 2,3 bo mu karere k'Isunzu rya Congo Nili. Benshi mu bantu bo mu Isunzu rya Congo-Nili ni abahinzi-borozi bato batuye ahantu hahanamye badashobora kuhira. Ubushobozi bwabo bwo guhangana n'imihindagurikire y'ibihe buri hasi kubera ko umusaruro wabo ndetse n'imibereho yabo byibasirwa n'ingano y'imvura ihindagurika kubera ko ubwinshi bw'abaturage bugabanya cyane uburyo bwo kwimuka mu gihe habaye ibiza. Ibi ni ukuri cyane cyane ku bagore, kugeza vuba aha, bari bafite uburenganzira buke ku butaka igereranyije n'abagabo. Ubwiyongere bw'imvura ikabije bitewe n'imihindagurikire y'ibihe – hamwe no gutakaza no kwangirika kw'amashyamba - byongera kubura ubuzima bw'abantu n'umutungo biturutse ku nkangu.[70]. Isunzu rya Congo-Nili ni igice cy'u Rwanda cyibasirwa cyane n'imyuzure n'inkangusenyuka [71], kandi ubu ibyago biriyongera kubera imihindagurikire y'ibihe. Urugero, ubwiyongere bukabije bw'imvura nyinshi n'inkangu byabaye kuva 2000-2018 byibasiye abantu barenga 30.000 mu Isunzu rya Congo-Nili, bihitana byibuze 502 ndetse binasenya amazu y'abantu barenga 29.750. Makumyabiri n'icyenda muri izo nkangu zafunze imigezi, bituma habaho gutakaza ubutaka burumbuka no kwanduza imigezi kubera ibinyabutabire bikoreshwa mu buhinzi. Isunzu rya Congo-Nili ritakaza ikigereranyo cya toni miliyoni 1,5 z'ubutaka burumbuka ku mwaka kubera imvura nyinshi bitewe n'imihindagurikire y'ibihe, inkangu ndetse n'isuri[72]. Biteganijwe ko ibyago by'ibyangiritse byiyongera bitewe n'imihindagurikire y'ibihe uretse igihe hafattwa ingamba zo kugabanya kwibasirwa kw'amashyamba n'abaturage bo mu karere k'Isunzu rya Congo-Nili.

Imihindagurikire y'ibihe - ni ukuvuga, impinduka mu gihe cy'imvura igwa, kwiyongera kw'imvura ikabije n'amapfa - ishinzwe urukurikirane rw'ingaruka zikomeye zigira ingaruka mbi ku miterere n'imikorere y'amashyamba, bikagabanya cyane serivisi zikomeye z'ibidukikije kandi amaherezo bikagabanya

68 Word Bank Documents and Reports, Rwanda Improved Cook stoves Project, The World bank Project, 2016 Project ID P158411

69 FAO 2017

70 Bizimana and Somnez. 2015. Landslide Occurrences in The Hilly Areas of Rwanda, Their Causes and Protection Measures. DISASTER SCIENCE AND ENGINEERING p. 1-7, 1(1), 2015

71 MIDIMAR 2012. Republic of Rwanda: Disaster high risk zones on floods and landslides. Available online: http://www.preventionweb.net/files/28208_highriskzonesreportfinalpublication.pdf

72 Nsengiyumva et al. 2018. Landslide Susceptibility Assessment Using Spatial Multi-Criteria Evaluation Model in Rwanda. https://www.researchgate.net/journal/International-Journal-of-Environmental-Research-and-Public-Health-1660-4601

kwihangana kwa abaturage batishoboye. Amapfa menshi y'igihe kirekire yongera cyane kwibasirwa kw'amashyamba bitewe n'inkongi z'umuriro, bikarushaho kwangiza ubwiza n'umumaro by'amashyamba asigaye. Urugero, mu gihe cy'amapfa y'igihe kirekire, guhakura ubuki bwo mu ishyamba, igikorwa gakondo cy'ingirakamaro, byateje inkongi z'umuriro zibasiye amashyamba, bikomeza kwangiza ubwiza n'umumaro by'amashyamba asigaye muri Pariki y'Igihugu ya Nyungwe. Amashyamba kimeza ashya ashobora kwibasira n'ibihingwa bitari gakondo (urugero nk'igishurushuru) bikabuza cyane inzira yo kuzahuka kw'amashyamba karemano. Niba uduce twatwitswe tutongeye kuzahuka ngo tube ishyamba, bituma ishyamba rikomeza kuma, bigatanga ingaruka mbi zitera ibyago by'inkongi nyinshi, kwangiza udukoko ndetse n'isuri. Ubushyuhe bwinshi nabwo buri gukuraho isano iri hagati y'udukoko n'ibangurira ry'ibimera bigira indabyo.

Ibangurira ni serivisi y'urusobe rw'ibinyabuzima itangwa n'amashyamba kimeza ikagirira umumaro ubuhinzi byegeranye na yo. Mu gihe amashyamba hamwe na serivisi ibangurira bijyanye bigabanutse, umusaruro w'ubuhinzi bucirirtse, hamwe n'ubuzima bujyanye nabwo, mu bice bihegereye bizagira ingaruka mbi. Byongeye kandi, kubera ko amashyamba asanzwe agabanuka kubera izo ngaruka ziterwa n'amapfa, mu gihe cy'imvura ikabije, abaturage bakomeza kugirwaho ingaruka n'umwuzure, inkangu ndetse n'isuri. Gutakaza uburumbuke bw'ubutaka kubera amapfa n'umwuzure ahantu hahanamye, bihatira abahinzi guhindura amashyamba menshi imurima yo guhinga kugira ngo babone umusaruro. Kugira ngo uhagarike ubwiyongere bw'ingaruka z'imihindagurikire y'ibihe ku baturage bugarijwe, hagomba gutegurwa ingamba zo gucunga amashyamba ahari mu guhangana n'imihindagurikire y'ibihe ndetse no kugarura no kurinda (gutera) amashyamba kimeza.

Bitewe no gutakaza amashyamba, ubwiyongere bw'igihombo buteganyijwe kubera imihindagurikire y'ibihe, ndetse n'uburyo abaturage bakeneye cyane inyungu muri serivisi z'urusobe rw'ibinyabuzima zavuzwe haruguru, uyu mushinga urashaka ko hajyaho ingamba z'Isunzu rya Congo-Nili zifite ubushobozi bwo kuzana inyungu zihambaye. Ahantu hateganijwe hamwe n'ibikorwa bikwiye bishingiye ku rutonde rw'ibyiciro by'ubutaka mu karere ndetse bijyanye n'imibereho myiza n'ubukungu hamwe n'ubushake bwo kubigiramo ku ruhande mu baturage.

4.9. Urutonde rw'Imiterere y'Ubutaka: imbibi za pariki, amashyamba cyimeza, ubutaka bw'abikorera

Hashingiwe kuri Gahunda Yihuse yo Kubungabunga Ibidukikije (Umugereka 2.2), Isunzu rya Congo-Nili rifite ibyiciro bine by'ubutaka by'ingenzi byitaweho muri uyu mushinga, buri kimwe gikeneye ibikorwa byihariye. Buri cyiciro cyo guteganya umwanya cyagabanijwemo ibice byiswe "Imirenge y'Ishyirwa mu bikorwa ry'Ubutaka" (Ishusho 13). Ibyiciro by'ubutaka n'ahantu h'ishyirwa mu bikorwa (imirenge) bisobanuwe hepfo. Icyitonderwa, isesengura ry'ikarita ryerekana urwego runaka rwanogejwe binyuze mu kurinda amashyamba n'imigezi iyanyuramo, hamwe n'ubwoko rusange bw'ibinyabuzima ndetse n'ibiti bihaboneka (mu buryo bw'ubuhinzi bw'ibiti bivangwa mu myaka). Ibi nitbirimo umuhora ukomeza w'ishyamba kimeza; nkuko ubu buryo butakibaho, kandi kuburema ntibyari gushoboka kuko ubu butaka bukoreshwa cyane nta musaruro utemewe mu buzima bw'abahaturiye.

Ibyiciro bine by'ingenzi by'ubutaka ni:

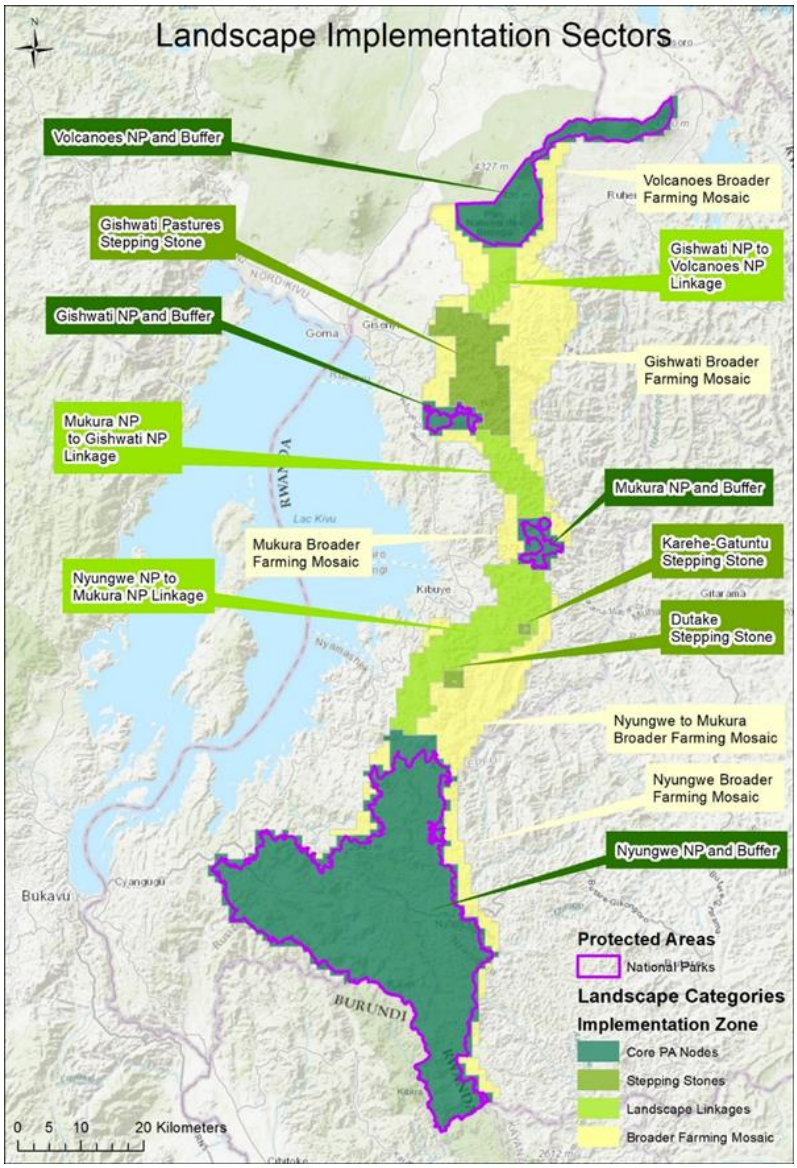
<u>Ihuriro n'inkengero by'igice gikomye</u>: Pariki z'Igihugu zigizwe n'"Ihuriro ry'Ahantu Harinzwe" zigomba

kurindwa no gucungwa neza, zirimo Pariki z'Igihugu z'Ibirunga, Gishwati-Mukura na Nyungwe. Ibikorwa byihutirwa birimo gushimangira imicungire no kubungabunga Ahantu Harinzwe, kuvugurura amashyamba kimeza, n'ubundi butaka bw'ibikorwa byo kubungabunga urusobe rw'ibinyabuzima bigabanya igitutut ku Hantu Harinzwe na n'amashyamba kimeza (urugero: kubaka rondereza bikagabanya igitutu ku mashyamba kimeza) no gushyigikira ibikorwa bijyanye n'ibinyabuzima bitandukanye (urugero: ubuvumvu buvuguruye). Ayo mahuriro na yo arimo inkengero hafi na Pariki Z'Igihugu.

Inzira z'Amabuye: Aya ni yo mahuriro yihutirwa hanze Pariki z'Igihugu zifite akamaro kanini mu gukomeza imikoranire ihuza ubutaka, igizwe n'ibiti bito byitaruye by'amashyamba, ku mashyamba arinzwe ya Dutake na Karehe-Gatuntu hamwe n'inzuri nini za Gishwati. Utu turere twakwibanda kuri bimwe (ibice) byo kuvugurura no kurinda ishyamba no kurinda, ubuvumvu n'amashyiga arondereza ibicanwa. Inzuri za Gishwati ni zo zibandwaho mu buhinzi rwibanda ku buhinzi bw'amashyamba ku butaka bwororerwaho kugira ngo hongerwe ahari ibiti kimeza mu kurinda neza imikoranirire ihuza ubutaka bifasha ibinyabuzima byo mu mashyamba.

Imiterere y'ubutaka: Iyi ni imiterere y'ubutaka n'amahuriro y'ingenzi mu buhinzi bwo muri ubwo butaka busaba gutera amashyamba ahantu hahanamye hamwe n'inkombe z'imigezi mu guhuza Isunzu rya Congo-Nili n'imiterere y'ubutaka. Ibikorwa bijyanye n'imikoreshereze y'ubutaka birimo ubuhinzi bw'amashyamba, kongera ikoreshwa ry'ibinyabuzima gakondo, gutera amashyamba ahantu hahanamye, ubuvumvu n'amashyiga arondereza ibicanwa.

Ubuhinzi bwagutse bw'ihingwa bimara igihe gito n'ibimara igihe kirekire: Aha ni ahantu hanini hihutirwa mu rugero aho ibikorwa byo kubungabunga ibidukikije bishobora gushyigikira itandwa rya serivisi z'ubutaka bunini n'urusobe rw'ibinyabuzima ariko akaba ashobora kuba ari hejuru y'ibikorwa byinshi by'umushinga usibye ibijyanye na gahunda yo gukoresha ubutaka.



Igishushanyo 13. Ibyiciro bine by'ingenzi by'ubutaka (Ihuriro ry'Ahantu Harinzwe, Inzira z'Amabuye, Guhuza Ubutaka no Guhinga Ibihingwa bimara igihe gito n'Ibimara igihe kirekire) byagabanyijwemo ibice byihariye kugira ngo bifashe mu kwihutisha no gusobanura ubufasha.

Uburyo ibi byiciro nyamukuru by'ubutaka bihuza n'iuko imibereho n'ubukungu by'abaturage bihagaze n'imiterere yiganje yo gutunga ubutaka aho batuye bizaba ari ingenzi mu gusobanukirwa ishyirwa mu bikorwa ry'umushinga harimo no kongera inyungu z'umushinga no kugabanya ingaruka mbi ku baturage.

4.10. Gutunga ubutaka n'ibibazo by'ubutaka bitera amakimbirane

Hagendewe ku mateka y'amakimbirane akaze, Itegeko Nshinga ry'u Rwanda ryo mu 2003, Politiki y'igihugu y'Ubutaka yo mu 2004 hamwe Itegeko Ngenga rigena imikoreshereze n'imicungire y'ubutaka ryo muri 2005 byashyizwemo kandi hubahirijwe amategeko. Mbere y'amavugurura y'ubutaka yo mu 2004, ubutaka bwinshi mu Rwanda bwari bwaraguzwe mu gihe gito binyuze mu bikorwa bitandukanye nko kuzungura,

gukodesha, gutira, gutanga impano, umurimo isanzwe, no gutanga ubutaka bwa leta. Politiki y'ubutaka yiyemeje u Rwanda muri gahunda yuzuye yo kwandikisha ubutaka, hagamijwe guha abakoresha ubutaka muri rusange ubundi burenganzira bityo bigatuma ishoramari ry'umurimo n'igishoro mu kongera umusaruro, no iterambere rirambye no gucunga neza umutungo w'ubutaka.

Iteka rya Minisitiri No.002/2008 risobanura uburyo bwo kwandikisha ubutaka harimo gushyiraho Rejisitiri y'Inyandikompamo z'Ubutaka, uburyo bwo gukora inyandikompamo z'ubutaka n'izindi nyungu mu butaka, guhererekanya inyandikompamo z'ubutaka n'ubundi bucuruzi bujyanye n'ubutaka, n'ibijyanye nabwo. Itanga ubwoko bubiri bw'ibyemezo cy'uburenganzira bw'ubutaka - Icyemezo cy'Iyandikisha ry'Impapurompamo Ngenankomyi cyangwa Icyemezo cy'Iyandikisha ry'Ubukode bw'Igihe Kirekire Iteka rya Minisitiri No.001/2008 rigena ibisabwa n'uburyo bwo gukodesha ubutaka. 2 Andi mategeko menshi hamwe n'amabwiriza y'ishyirwamubikorwa ajyanye n'ubucuruzi bw'ubutaka no kwiyandikisha arahari ku bikorwa by'ubutaka bwihariye (urugero: Amategeko ajyanye no gutanga ingurane y'ubutaka mu nyungu rusange cyangwa Itegeko rishyiraho kandi rigena imiterere y'isangiramutungorishyiraho kandi ritegura amacumbi no gushyiraho uburyo bwo kwandikisha).

Mbere ibyinshi mu bireho by'imikoreshereze y'ubutaka ikurura amakimbirane yari ifitanye isano no gutunga ubutaka hagati y'abagabo n'abagore. Abagabo bari bafite uburenganzira 100% ku butaka nubwo abashakanye bashakanye byemewe n'amategeko. Ivugurura ry'ubutaka mu Rwanda ryari rigizwe n'ibikorwa by'uruhererekane bigamije gukemura amakimbirane agaragara mu gutunga butaka. Mu mwaka wa 200, leta yatangiye gahunda yo kwemeza uburenganzira abantu bafite ku butaka kugira ngo buri gace k'ubutaka kagire icyangombwa kandi hashyirweho gushyiraho rejisitiri y'igihugu cyose mu guhangana n'ibibazo bivuguruzanya. Byari bigamije gushyira mu bikorwa amategeko mashya no "gutanga uburenganzira bungana ku bagore ndetse n'umugabo ndetse no ku bana bose, binyuze mu buryo bwo kwandikisha ubutaka…, bisobanura uburyo bwo kugena neza nyir'ubutaka buhari kuri ba nyir'ubutaka bahari". Mu itegko ry'ubu, abashakanye byemewe n'amategeko bafite inyungu 50-50 zo gutunga ubutaka. Imiterere iriho nayo ivugurura ibishoboka ku bakobwa bakiri bato, kuko ubu bafite uburenganzira bwo kuzungura umutungo w'ababyeyi babo. Ibibazo biracyahari bijyanye n'igikorwa nkuko bigaragara mu matsinda yibanzweho mu gihe cyo gutegura umushinga. Ibi bibazo bizasuzumwa neza kugira ngo ibikorwa byo gutera n'imibereho bitangire mu ishyirwa mu bikorwa ry'umushinga. Cyane cyane ko amakimbirane y'ahazaza ashobora kwibanda ku bibazo bijyanye n'umugabo cyangwa umugore afite uburenganzira bwo gusarura ibiti cyangwa atabufite cyangwa uhitamo gutera ubwoko bw'ibiti runaka. Abagabo n'abagore babona agaciro k'ibiti mu buryo butandukanye bityo ibyo byemezo bishobora kugira ingaruka ku mibereho ndetse n'imibereho myiza y'abagore bashobora gukorerwa ihohoterwa rishingiye ku gitsina (reba ibisobanuro birambuye ku mugereka 8).

4.11. Ingaruka zikomeye z'Urwego rw'Umushinga

Umushinga uteganijwe uhabwa ibibazo by'ubwiyongere bw'abaturage butera igitutu ku mashyamba, umutungo w'ubutaka no gucunga ubutaka; imibereho n'ubukungu bw'ibidukikije mu baturage bo mu cyaro bashobora kugwa mu mutego w'ubukene nyamara muri rusange iterambere ry'ubukungu muri iki gihugu ritanga amahirwe y'ingamba zo guhanga udushya mu karere kose nk'Isunzu rya Congo-Nili; n'imiterere y'ibidukikije n'ikirere bigaragaza ko ko gukorera ubu ku rwego rw'akarere bizagira umusaruro ku mutungo kamere no gucunga no kugenzura neza ubutaka bw'u Rwanda. Nubwo nimeze bityo, umushinga munini uwo ari wo wose uzaba ufite ingaruka zikomeye n'umusaruro ku bidukikije n'imibereho. Inyandiko yerekana

gushoboka kw’ibikorwa by’umushinga iboneka muri Raporo y’Umushinga (Umugereka wa 2) na Raporo y’Isesengurabikorwa (Umugereka 2.3). Ingaruka nyamukuru zitezwe z’ibikorwa n’udukorwa biteganyijwe zirimo ariko ntizigarukira ku ngaruka zasobanuwe hepfo.

Kwinjira kw'amafaranga n'ibikorwa bifatanyije n'ibikorwa by’ingufu zo kugera kuri izo nyungu bizatuma habaho ***kugabana amahirwe birimo ubusumbane*** ku matsinda amwe n’amwe atari ayandi arimo abagore, urubyiruko, abasigajwe inyuma n'amateka, n'ibyiciro by'ubukene mu Rwanda. Bifitanye isano n’ibi byago ni amahirwe yo kwiyongera kw’ihohoterwa rishingiye ku gitsina n’/cyangwa ivangura urebye intego z’inyungu zizaba abagore, urubyiruko ndetse n’imiryango yasigajwe inyuma n’amateka harimo gusambanywa, ihohoterwa no guhozwa ku nkeke (SEAH). Izi ngaruka zasobanuwe mu isesengura ry'uburinganire n’igenabikorwa (UMUGEREKA 8) zerekana ko ihohoterwa rishingiye ku gitsina ryiganje mu gihugu ndetse n'ahantu hateganyijwe gukorerwa uyu mushinga nubwo hari amategeko akomeye arirwanya; uruhererekane rw’ubukene rukomeje kurema ahantu hateza imbere Ihohoterwa Rishingiye ku Gitsina kandi n’umushinga ushobora kubigiramo uruhare niba nta ngamba zihamye zo gurikumira. Nkuko byagaragajwe mu nyigo (UMUGEREKA 2) amaterasi arashobora kugabanya isuri kandi ni ngombwa mu gikorwa cyo kuvugurura/gutera amashyamba. Nubwo ari ngombwa ko ahantu hahanamye hahuye n’itemwa ry’amashyamba rikomeye mu Isunzu rya Congo-Nili hagomba gutunganywa binyuze mu gutera no kuvugurua amashyamba kugira ngo harengerwe inyungu z’urusobe rw’inyabuzima, gahunda yo gutera amashyamba ifite ingaruka zimwe na zimwe. Guhindura amaterasi bishobora gutera ***isuri, gutakaza ubutaka hamwe n’isenyuka ry’amaterasi*** bitewe n’imiterere mibi no gufata neza igihe kirekire byatumye ubutaka bwangirika. Ufatanyije n’ikirere gikabije ibikorwa nk’ibi mu gihe cy’umushinga birashobora guteza ingaruka ku baturage.

Nkuko bigaragara muri gahunda yo kubungabunga ibidukikije byihuse (Umugereka wa 2.2) hamwe n’Isuzuma ry’Ibyago bikomoka mihindagurikire y’Ibihe mu Isunzu rya Congo-Nili mu Rwanda (Umugereka wa 2.1), gutera/kuvugurura amashyamba muri kano karere ni ngombwa mu kugarura ubushobozi bwo guhangana n’imihindagurikire y’ibihe. Hamwe n’ibikorwa byo gutera/kuvugurura amashyamba biteganijwe mu gihe cyo gushyira mu bikorwa uyu mushinga hamwe no gushyira mu bikorwa ingamba mu ikoreshwa ry’ubutaka, hari ibyago byo ***kwimura abituje mu butaka*** bwa leka muri iki gihe bakaba bari kubwangiza (amashyamba arinzwe n’ubutaka bwo ku nkombe y’amazi). Ubutaka buto (av. 0,30 ha) buhingwa bushobora kugabanywa kubera igitekerezo cyo gutera ibiti/gutera ishyamba bituma haba ***gutakaza umusaruro w’ibiribwa*** muri utu turere cyane cyane ko gutera ibiti by’imbuto n’ibindi bikorwa byo guteza imbere ubuhinzi bw’amashyamba bizatwara igihe (ni ukuvuga, ibiti bikenera igihe cyo gukura) kugira ngo havugurwe iboneka ry’ibiribwa.

Gutema ibiti no gusarura amashyamba ku butaka bw’abikorera (ni ukuvuga ubutaka buto) biremewe. Ba nyir'ubutaka bakeneye uruhushya rw’abayobozi b'akarere kugira ngo barebe ko ibiti bitarakura bidatemwa. Birashoboka muri uyu mushinga, ***gukaza ingamba zikomeye zo gutanga uruhushya*** kuko abafatanyabikorwa bose bamenyeshejwe cyane kwirinda kwibasirwa n’imihindagurikire y’ikirere n’ibibi byo kuba abaturage basarura ibiti bito hagasigara ahantu hahanamye hashobora kwibasirwa n’isuri ndetse n’inkangu.

Guhiga, gutema ibiti ntibyemewe muri pariki z’igihugu. Ikigo cy'Igihugu gishinzwe Iterambere (RDB) ni cyo kigo cya leta gishinzwe gucunga Ahantu Harinzwe. Ikigo cy'Igihugu gishinzwe Iterambere gifite ishami rishinzwe kubahiriza itegeko no kubungabunga ibidukikije mu baturage hagamijwe gukumira ibikorwa bitemewe. Gutema ibiti bitemewe birakurikiranwa kandi bigira ingaruka. Urugero amashyamba yihariye arinzwe yitwezweho mu bikorwa by’umushinga biboneka muri iki gihe bizasuzumwa hifashishijwe inama

n’abafatanyabikorwa ndetse n’abaturage mu gihe cyo gushyira mu bikorwa umushinga bibuka ko abakozi b’Ikigo cy'Igihugu gishinzwe Iterambere barushaho kumenya akamaro ko kurinda amashyamba muri serivisi z’urusobe rw’ibinyabuzima bizagirira akamaro abaturage hashobora kubaho ***ingamba zikomeye zo kubahiriza amategeko n'amabwiriza*** ashobora gutera ingorane zo kubona ibikoresho bikenewe kuko inyungu ziva mu mishinga y’imibereho igerwaho buhoro buhoro.

Gutema ibiti mu mashyamba ntibyemewe ahantu hakomye ariko ibikorwa nk’ubuvumvu biremewe mu gace z’inkengero z’ahantu hakomye. Mu buryo nk'ubwo, imyidagaduro izemerwa ku butaka buri ku nkombe z’imigezi. Gutema ibitiby’ubwoko budasanzwe bigaragara mu gace k’inkengero za Pariki ya Nyungwe. Leta yashyizeho gahunda yo kugabana amafaranga aho 10% y’amafaranga yinjizwa n’ubukerarugendo ashorwa mu mishinga iteza imbere abaturage. Amafaranga yinjiye azagabanywa kandi binyuze muri gahunda yo kugabana amafaranga yinjiye. Uyu mushinga uzateza imbere iterambere ry’ubukerarugendo bushingiye ku baturage nk’umushinga w’imibereho. Kugira ngo ukore neza, uburyo bwo gusaranganya amafaranga yinjiye ashobora kuba ***ikurikizwa cyane ry’amategeko*** ajyanye n’umusaruro uturutse mu mashyamba, icyakora hashobora kubaho ibibazo by’inyongera bijyanye no ***kugabana ku buryo bungana amafaranga yinjizwa n’ubukerarugendo*** mu mishinga iteza imbere abaturage ifasha abagore, urubyiruko ndetse n’abasigajwe inyuma n’amateka.

Nkuko umushinga uzibanda ku kunoza imikoreshereze y’ubutaka harimo gukorana na za Minisiteri zibishinzwe ku byiciro by’ubutaka, birashoboka ko hazabaho: 1) guhindura amategeko yo kubona cyangwa guhindura ibyiciro by’ubutaka (biturutse ku kwemeza gahunda nshya zo gukoresha ubutaka, cyangwa gahunda zo gucunga pariki), na/cyangwa 2) gushyira mu bikorwa cyane imikoreshereze y’ubutaka n’amategeko ya pariki. Ibyo byombi bishobora koroshya ***igihombo gikomeye cyo kubona ubutaka*** (ubutaka bufunguye, inzuri, n’amashyamba) by’ababikoresha mu buryo bwa gakondo. Byongeye kandi, nkuko ibikorwa by’ubuhinzi n’amashyamba byatangijwe hashobora kubaho igihe cyo gutegereza mu gihe ibiti by’imbuto bikura buhoro buhoro cyangwa amoko y’ibiti gakondo akura kandi akabyara ibiryo, ubwatsi, n’inkwi zo gucana.

Mu gushyira imbaraga mu kuvugurura amashyamba, gutera ibiti bivangwa mu myaka, hakenewe kongerwa umusaruro w'ingemwe. Gutegura ingemwe bishobora gutuma habaho ***gukoresha amazi menshi*** ashobora kuyobya uyu mutungo ntukoreshwe n'abaturage mu bundi buryo. Gutegura ingemwe bishobora kandi gusaba ikoreshwa ***ry'inyongeramusaruro n'imiti yica udukoko.*** Byongeye kandi, urebye ko ingemwe zizakura ku bwinshi cyane mu turere two hagati hanyuma zikimurwa kandi zigaterwa mu butaka bufite ibyago byo ***kuzana udukoko bidakozwe ku bushake, indwara cyangwa ibimera byangiza ibindi*** binyuze mu ngemwe nto.

Ibikorwa bitwara itaka nko gukora amaterasi, gutera ibiti no gukuraho ibihuru bishobora kongera ibyago byo ***kwandura indwara zikwirakwizwa n'umubu cyangwa amasazi*** kubera impinduka z'ibidukikije kuva guhindura/gutunganya aho gutura. Ibikorwa nk'ibi bishobora kandi guhungabanya inyamanswa.

Ibikorwa byinshi by'imibereho hagamijwe kwagura ibikorwa no kubibungabunga binyuze mu ruhererekane nyongeragaciro murongo bizatuma habaho ibyago bijyanye ***n'uruhererekane nyongeragaciro.*** Muri ibyo harimo aho gukura ibikoresho by'ibanze mu buryo burambye, imyanda ikomoka ku byakozwe, ariko ntibigarukira gusa ku byuka bya CO2 biva ku gutwara ibikoresho cyangwa ibicuruzwa bijya mu Isunzu rya Congo Nili, hamwe n'ibikoresho biva mu gukora amashyiga no kuvugurura ibikorwa by'ubuvumvu.

AE/EE izaha akazi abakozi barenga 6500, abajyanama, n'abakozi bafite amasezerano yo gukora ibikorwa bijyanye n'umushinga. Akazi gasaba ubuhanga buke, imirimo y'amaboko bityo hashobora kubaho ibyago byo gukoresha abana (bibuzwa n'amategeko y'igihugu), guhura n'akaga ahakorerwa akazi harimo ahantu hahanamye, ikirere kibi, kurumwa n'inzoka, kurumwa n'udukoko, kwandura indwara zikwirakwizwa n'umubu cyangwa amasazi, bikomere biterwa no kugwa cyangwa gukomeretswa n'ibikoresho, guhura n'amazi yatunganijwe nabi na/cyangwa imyanda yatawe ahakorerwa akazi, n'ihohoterwa rishingiye ku gitsina no guhozwa ku nkeke. Ibisobanuro birambuye hamwe n'ingamba z'umutekano bizerekanwa mu gushyira mu bikorwa umushinga hakurikije ibipimo bivugwa mu gice cya 10.2 cy'iyi nyandiko. Amategeko y'igihugu arahari kugira ngo arinde abakozi izo ngaruka z'akazi kandi kandi AE/EE izatnaga amahugurwa akenewe inashyireho gahunda y'ubutabazi byihutirwa. Abakozi b'inyongera bazahabwa akazi binyuze muri ba rwiyemezamirimo kandi ibisabwa byose ku murimo n'umutekano mu kazi bizagaragazwa neza mu masezerano kandi bizashimangirwa mu gihe cyo gushyira mu bikorwa umushinga. PMU izagenzura ibijyanye n'ibyabo bishobora kubaho.

5. INAMA N'ABAFATANYABIKORWA: IBIBAZO, IBIKENEWE, INGARUKA NO KWIBASIRWA

5.1. Uburyo n'Ingamba

WCS yakusanyije ibitekerezo by'ingirakamaro by'abafatanyabikorwa kugira ngo bategure icyifuzo cy'umushinga kandi batangire gutegura umurongo ngenderwaho w'umushinga ubwawo. Uburyo n'inzira bitandukanye byakoreshejwe mu gusuzuma ibibazo, ibikenewe n'ibishobora kwibasira abantu, harimo gusuzuma inyandiko za raporo, politiki, gahunda, n'ingamba (ni ukuvuga Icyerekezo cy'u Rwanda 2050[73], Gahunda yo Kubungabunga Ikirere n'Ibidukikije[74], Gahunda y'Impinduramatwara[75], raporo z'umwaka za

73 Republic of Rwanda. 2020. Rwanda Vision 2020. Ministry of Finance and Economic Planning

74 Republic of Rwanda. 2011. Green Growth and Climate Resilience: National strategy for Climate Change and Low Carbon Development. Ministry of the Environment.

75 Republic of Rwanda. 2017. 7 Years Government Programme: National Strategy for Transformation (NST1), 2017 - 2024

LAFREC[76], amakuru y'ingenzi yaturutse mu Kigo cy'Igihugu gishinzwe Ibarurishamibare, Ubudehe, Gahunda y'Igihugu yo gutera imbere Ibiti bivangwa mu myaka[77], n'ibindi.). Amakuru y'ibarura hamwe n'andi makuru rusange yakoreshejwe kugira ngo hamenyekane abaturage bagezweho n'umushinga wateganyijwe. Ibi bikubiyemo gusobanukirwa abaturage umurenge ku murenge, umubare w'ingo ziyobowe n'abagore, n'imibare ijyanye n'umurimo n'amafaranga binjiza. Igikorwa Nyunguranabitekerezo cy'Abafatanyabikorwa gikubiyemo ikiganiro cy'ibibazo biteguye n'ibidateguye n'ikiganiro cy'umuntu umwe ku wundi aho abasubiza ari abafatanyabikorwa ku rwego rw'igihugu, urw'akarere, Imiryango Itegamiye kuri Leta, n'abashakashatsi. Harimo kandi Amatsinda y'Ibanze afite abafatanyabikorwa bo ku rwego rw'abaturage harimo abahinzi, ba nyir'ubutaka, abagore, urubyiruko, abadafite ubutaka/abakene bahagarariye ibyiciro C, D, na E, hamwe n'abasigajwe inyuma n'amateka. Amatsinda y'ibanze yagize uruhare mu gusobanukirwa n'urwego rwo kujya mu bikorwa by'umushinga uteganyijwe n'uburyo ibyo bikorwa bishobora kugira ingaruka ku matsinda yerekanwe.

Urutonde rw'ibisobanuro birambuye ku bafatanyabikorwa bagishijwe inama muri uyu mushinga murarusanga ku mugereka wa 7.

Ibiganiro byo mu matsinda mu baturage: Ibiganiro byo mu matsinda yakozwe hagati yitariki ya 4 Kanama na 21 Kanama 2021, mu rurimi rwaho rwa Kinyarwanda n'abakozi ba WCS kandi bagenzurwaga n'abayobozi bayobora. Abakozi bose ba WCS bayobora ibiganiro byo mu matsinda bahawe amahugurwa nk'uko byagaragajwe n'Ikigo cya WCS Gishinzwe Isuzuma (IRB) kimwe n'amahugurwa mu bijyanye n'imibereho myiza no gufasha ibiganiro byo mu matsinda. Aho bishoboka, inama zafashwe amajwi kugira ngo azakoreshwe mu bindi bikorwa by'imbere mu kigo gusa. Usibye abahugura itsinda ry'ibanze, buri tsinda ry'ibanze ryagize byibuze abakozi babiri b'inyongera ba WCS kugira ngo bandike kandi batange ubufasha aho bucyenewe. Abakozi bose ba WCS bitabiriye amatsinda y'ibanze bari barakingiwe Covid-19.

Abitabiriye amatsinda y'ibanze batoranijwe n'imiryango y'abafatanyabikorwa, hamwe n'abakozi ba WCS bafite igihe kirekire mu Isunzu rya Congo-Nili, harimo Ishyamba ry'Icyizere, IGCP, WCS-Nyungwe, na Lafrec. Aya mashyirahamwe afite umubano ukomeye wakazi nabaturage kandi afite urwego rwizerana hagati yabaturage n'abafatanyabikorwa, bityo bigatanga ibiganiro byeruye hamwe nitsinda ryacu. Mu gihe nta bikorwa by'abafatanyabikorwa, WCS yakoranye n'ubuyobozi bw'imirenge mu kubona amatsinda y'abitabira igikorwa, nk'inama y'abagore ku rwego rw'umurenge. Buri tsinda muri matsinda y'ibanze 24 ryari rifite abitabiriye 5-10 batoranyijwe kugira ngo hagerwe ku baturage benshi batandukanye kandi haboneka amatsinda akenewe mu mushinga (ni ukuvuga abahinzi, ba nyir'ubutaka, abagore, urubyiruko rufite imyaka 18-24, abakene, ndetse n'abasigajwe inyuma n'amateka) (Imbonerahamwe 4). Amatsinda y'ibanze yose yari afite byibuze 50% by'abagore baritabiriye uretse batatu bari bafite ibipimo bya 3:4, 2:4, na 2:3 by'abitabiye b'abagore n'abagabo. Byamaze amasaha abiri. Ahantu hazwi h'amatsinda y'ibanze hagenwe n'umuryango w'abafatanyabikorwa kandi byakorewe hanze hakurikijwe amabwiriza ya Leta y'u Rwanda yo kwirinda Covid.

Amatsinda y'ibanze anyuranye arimo abagize amatsinda yose - abahinzi, ba nyir'ubutaka, abagore, urubyiruko, ingo zikennye, n'abasigajwe inyuma n'amateka. Twashyizeho amatsinda avanze arimo abagabo n'abagore tubigiriwemo inama n'Imiryango Itegamiye kuri Leta, kugira ngo tworoshye ibiganiro

76 Republic of Rwanda. 2014. Landscape approach to forest restoration and conservation project (LAFREC). Environmental and Social management framework and social assessment.

77 MINILAF, 2018. National Agroforestry Strategy and Action Plan 2018-2027. Ministry of Lands and Forestry (MINILAF)

ku buringanire, no kureba itandukaniro rishobora kubaho ahari abagabo no mu matsinda y'abagore gusa.

Amatsinda y'ibanze y'inyongera yashyizweho ashaka urubyiruko, abasigajwe inyuma n'amateka, cyangwa abagore muri utu duce.

Muri Gishwati, hakozwe amatsinda atatu y'ibanze ku bagore, itsinda rivanze ry'abagore, abagabo, urubyiruko, ndetse n'abasigajwe inyuma n'amateka batuye hafi y'ishyamba mu murenge wa Ruhango, hamwe n'amatsinda atanu y'ibanze ku bantu batuye kure y'ishyamba mu mirenge ya Ruhango na Sovu. Harimo amatsinda atatu avanze y'abagabo n'abagore n'itsinda ry'urubyiruko. Muri Mukura, itsinda rimwe rivanze ry'abagabo n'abagore n'urubyiruko mu baturage bo mu murenge wa Mukura hafi y'ishyamba bashyizwe mu mushinga n'amatsinda atatu y'ibanze mu tugari twa kure y'ishyamba mu mirenge ya Mukura na Gitesi. Ayo matsinda yarimo rimwe rifite abantu basigajwe inyuma n'amateka, rimwe rigizwe n'abagore, irindi rivanze. Muri Nyungwe, hakozwe amatsinda atatu y'ibanze, rimwe ry'abagore n'andi babiri avanze mu mirenge ya Ruheru na Cyato y'abaturage bo mu tugari turi hafi ya parike n'andi matsinda ane y'ibanze mu baturage bo mu mirenge ya Ruheru na Musebeya kure y'ishyamba, hamwe n'abagore, urubyiruko, abasigajwe inyuma n'amateka, n'imwe ivanze y'abagore, abagabo, n'urubyiruko. Mu Birunga, hakozwe amatsinda atanu y'ibanze mu mirenge ya Gataraga na Shingiro hafi y'ishyamba hamwe n'amatsinda abiri avanze y'abagore, abagabo, urubyiruko, itsinda ry'abasigajwe inyuma n'amateka, itsinda ry'abagore, n'itsinda ry'urubyiruko.

Imbonerahamwe 7 Amatsinda y'ibanze y'abaturage bo hafi na kure y'amashyamba arinzwe

	Atsinda ry'Ibanze ry'Abitabiriye batuye hafi n'aba kure							
Agace Karinzwe	**Hafi***				**Kure****			
Nyungwe	bavanze - 2x	abagore			bavanze	abagore	aia***	urubyiruko
Gishwati	Bavanze	Abagore	aia		bavanze - 3x	urubyiruko - 2x		
Mukura	Bavanze				bavanze	abagore	Aia	

	Atsinda ry'Ibanze ry'Abitabiriye batuye hafi n'aba kure							
Ibirunga	Bavanze -2x	abagore	aia	urubyiruko				

* Utugari twa hafi two mu mirenge ya Cyato, Gataraga, Shingiro, Ruhango, Mukura, na Ruheru.
** Utugari twa kure two mu mirenge ya Ruheru, Musebeya, Gitesi, Ruhango, Sovu.
*** hm = abasigajwe inyuma n'amateka.

Ibiganiro n'abafatanyabikorwa ku rwego rw'igihugu: Umuhuzabikorwa w'umushinga n'umwunganira, abakozi ba WCS bahawe amahugurwa ya CITI, bahuye n'abahagarariye buri minisiteri n'ikigo cya leta bagize uruhare mu micungire y'umutungo kamere mu Rwanda ndetse n'Imiryango Itegamiye kuri Leta, ibigo by'ubutwererane bishyigikira imishinga yo gusana amashyamba n'imisozi n'ibibaya cyangwa gahunda zo mu Rwanda. Minisiteri y'Ibidukikije yanditse ibaruwa y'inkunga isaba abafatanyabikorwa b'ingenzi guhura n'abakozi ba WCS bagize uruhare mu gutegura uyu mushinga no gusangira amakuru yose ajyanye n'umushinga wa GCF w'Isunzu rya Congo Nili. Abakozi ba WCS bakurikiranye ibikorwa kuri telefoni na imeri kugira ngo basabe gahunda yo guhura n'abayobozi bo mu bigo bya Leta n'abahagarariye Imiryango Itegamiye kuri Leta. Kubera ingamba zo kwirinda COVID izo nama zose zakozwe hakoreshejwe ikoranabuhanga. Hari n'igihe, abakozi ba WCS bahuraga n'itsinda ry'abakozi ba bo mu kigo kimwe/minisiteri kugira ngo baganire kuri uyu mushinga no kwigira ku mishinga isa n'uyu iri guhsyirwa mu bikorwa. Muri izo nama twasabye amakuru/adaresi z'abandi bafatanyabikorwa bakomeye tugomba guhura. Muri rusange twabajije abafatanyabikorwa 21 ku rwego rw'igihugu harimo abagore batatu.

Ibiganiro n'abafatanyabikorwa bo mu Miryango Itegamiye kuri Leta/Abashakashatsi: Twakoresheje uburyo busa hose hamwe n'ibaruwa isaba ubufasha. Twashakishije abantu dusanzwe tuzi bo mu miryango itegamiye kuri leta hamwe n'abo mu mashuri makuru na za kaminuza bakora ubushakashatsi bujyanye n'ibice bigize uyu mushinga. Twifashishije uburyo bwo gukora itsinda ry'icyitegererezo bwa sinowubo (snowball) kugira ngo dusabe amazina y'abandi bantu bafite ubumenyi ku bintu biri gukorwaho mu mushinga wacu. Ibaruwa/imeri yohererejwe buri kigo isaba guhura n'uhagarariye ikigo kugira ngo baganire kuri uyu mushinga no kureba aho twahurira/twakuzuzanya n'amasomo yavuye mu ishyirwa mu bikorwa ry'imishinga isa n'uyu. Ku Miryango Itegamiye kuri Leta twanaje guhura n'Ihuriro ryita ku Bidukikije mu Rwanda (RENGOF) rikaba umuryango uhagarariye indi Miryango Itegamiye kuri Leta yose ikora ibiri mu rwego rw'ibidukikije. Muri izo nama twamenyanye n'abahagarariye iyi Miryango Itegamiye kuri Leta tunashyiraho indangaminsi y'inama zikurikira na buri Muryango Utegamiye kuri Leta. Bose hamwe twaganiye n'abafatanyabikorwa 23 bo mashuri makuru na kaminuza ndetse n'abafatanyabikorwa bo mu Miryango Itegamiye kuri Leta harimo abagore umunani.

Amahugurwa ku rwego rw'akarere: Amahugurwa ane y'uturere yakorewe mu Isunzu rya Congo-Nili mu misozi n'ibibaya bya Nyamasheke, Rutsiro, Nyabihu, na Musanze. Abitabiriye amahugurwa barimo komite nyobozi z'uturere n'Abafatanyabikorwa mu Iterambere ry'Akarere (JADF). JADF ni urubuga rw'abafatanyabikorwa rugizwe n'abahagarariye inzego za Leta, abikorera, na sosiyete sivile ku rwego rw'akarere. Yashyizweho kugira ngo byorohereze kandi biteze imbere uruhare rw'abaturage mu miyoborere yegerejwe abaturage kandi bagire uruhare mu miyoborere no mu kunoza imitangire ya serivisi. Mu gushaka abitabira, byari ibisanzwe kubera bari abakozi basanzwe bitabira inama za JADF. Amahugurwa yakozwe

n'abakozi ba WCS muri Kinyarwanda, kandi umukozi w'umushinga yafashaga mu kwandika ibyaganiriweho mu mahugurwa. Intego nyamukuru kwari ukugaragaza intego z'umushinga, ibikorwa, n'ibizagerwaho no kubona ibitekerezo ku nyungu n'ibyitezwe n'abaturage bo muri uyu mushinga. Mbere yo kwerekana intego z'umushinga, buri karere kagaragaje ingamba z'iterambere ry'akarere (DDS) kugira ngo zifashe mu gusobanukirwa n'ibikorwa by'ingenzi by'akarere no kumenya imikoranire n'umushinga GCF urimo gukorwa.

Isesengura: Inyandiko zose zivuye mu matsinda y'ibanze, ibiganiro, n'amahugurwa byaranditswe kandi bihabwa itsinda ry'umushinga mu kwandika icyifuzo cy'umushinga GCF. Kuri iki cyiciro, itsinda ryasuzumye neza inyandiko zerekana insanganyamatsiko rusange n'ibibazo byihariye bizayobora ibikorwa by'umushinga n'ibikorwa bito kugira ngo birusheho kuba ibyo buri wese yisangamo, birashoboka cyane ko bizashyirwa mu bikorwa mu gihe kirekire, kandi bigakorwa neza nk'igice rusange cy'uyu mushinga . Ibice4.2-4.6 bikubiyemo incamake zishingiye ku nsanganyamatsiko zijyanye n'ikirere kugira ngo hagaragazwe ingaruka zishobora kugera ku bidukikije n'imibereho no gutekereza ku ntego z'umushinga ndetse no kwerekana inzira zishoboka zo gukumira izo ngaruka zishingiye ku bikorwa by'abafatanyabikorwa kugeza ubu.

5.2. Ubunararibonye bw'Abaturage mu mihindagurikire y'ibidukikije n'imihindagurikire y'ibihe

Mu biganiro n'abaturage, benshi bagaragaje ko bahuye n'imihindagurikire y'ibidukikije n'imihindagurikire y'ibihe. Mu bihe bimwe na bimwe, imvura yabaye nyinshi, idasanzwe, kandi irasenya. Iyi mvura ubu ibaho mu gihe ititizwe, urugero muri Gicurasi mu gihe ubusanzwe ari bwo igihe cy'izuba gitangira cyangwa muri Kanama mu gihe byateganijwe ko ari igihe cy'izuba. Uyu mwaka, abaturage bamwe bavuze ko imvura yaguye kuva muri Kamena kugeza hagati muri Kanama kandi ko nta gihe cy'izuba cyabayeho. Ingaruka z'iyi mvura zateje ibiza mu buryo bw'inkangu n'imyuzure byateje urupfu, yaba urwatewe n'inkangu cyangwa inkuba, ndetse n'urubura rwangije imyaka yose. Byongeye kandi, imvura ituma haba isuri irenze isanzwe, gutakaza ibigize ubutaka by'ingirakamaro mu gihe ubutaka burumbuka butwawe n'imivu n'umusaruro w'ubuhinzi ugenda ugabanuka buhoro buhoro. Ubusanzwe, abahinzi biteze ko imvura igwaguhera muri Nzeri. Ibi kandi ntibikiriho. Mu myaka yashize, igihe cy'izuba kiragenda kikagera muri Nzeri rimwe na rimwe kikagera mu Kwakira bigatuma igihe cy'izuba kiba kirekire.

5.3. Kumenya ingaruka z'ihindagurika ry'ibihe ku mibereho n'ubukungu

Abaturage bagaragaje impinduka nyinshi mu mibereho n'ubukungu bituruka ku ihindagurika ry'ibihe. Ikigaragara ni uko igihe cy'izuba kirekire n'igihe cy'imvura idateganyijwe byagabanyije umusaruro w'ubuhinzi ku buryo bugaragara. Amasoko y'amazi amwe n'amwe n'imigezi byarakamye mu gihe andi masoko y'amazi yagabanutse cyane mu gihe cy'izuba. Rimwe na rimwe, abahinzi bacyarerwa mu bikorwa byo guhinga iyo igihe cy'izuba ari kirekire kuruta uko byari byitezwe. Ifumbire y'imborera ni nke kubera ibura cy'ubwatsi bwo mu ishyamba no kugabanuka k'ubworozi (kubera ubukene no kubura ibyo kugaburira amatungo). Ibi, wongeyeho guhinga igihingwa kimwe no guhinga ubutaka budafite amazi, byatumye intungagihingwa zigabanyuka mu butaka ndetse n'umusaruro w'ibihingwa ugabanuka. Urugero, umusaruro w'ibirayi bya n'ibigori waragabanutse cyane. Uduce aho umuhinzi yasaruraga kg 100 ubu mu buryo bugoranye asaruramo kg 20. Mu buryo nk'ubwo, ishoramari ry'amafaranga 10.000 mu buhinzi ritanga umusaruro w'amafaranga 2.000. Hamwe n'inyungu nke, abantu ntibashobora gusaba inguzanyo yo gushora mu buhinzi.

Izi mpinduka ziganisha ku mirire mibi ikabije n'ubukene bukabije, kandi abahinzi ntibashobora guhaza imiryango yabo. Ahantu hafi y'ibirunga imicungire y'amazi ava muri Pariki ni ikibazo kitoroshye cyo

gukemurwa kigira ingaruka ku baturage mu buryo butandukanye, aho bamwe bafite amazi abandi ntibayagire. Ingaruka ziterwa no kubura amazi by'umwihariko zigera cyane ku bagore n'abana kuko bituma bajya kuvoma kure amazi meza.

5.4. Imyitwarire ya muntu nk'impamvu yo kwangiza urusobe rw'ibinyabuzima

Ibibazo byinshi byagaragaye ko bigira uruhare mu kwangiza urusobe rw'ibinyabuzima. Muri byo harimo gutema amashyamba, inyungu z'ubukungu z'igihe gito, kutagira igenamigambi rihuriweho n'inzego nyinshi, no kutagira uruhare kw'abagenerwabikorwa mu mishinga ibagenewe.

Gutema amashyamba ni yo mpamvu nyamukuru yo kwangiza urusobze rw'ibinyabuzima. Ni imyitwarire ya muntu igera kure cyane kubera ubukene, inzara, n'ingaruka zikomeye z'imihindagurikire y'ibihe. Ingaruka ku rusobe rw'ibanyabuzima ziterwa no gutema amashyamba ziyongera iyo imvura nyinshi itwaye ubutaka budafashwe n'ibiti. Ingaruka zituruka ku bantu zitera ubucyene rw'uruherekane aho umuryanyo ushobora kuba ufite ibyo guteka ariko nta nkwi zihari; abana bamara umwanya munini batashya inkwi, bakagera ku ishuri bacyerewe, bagasiba cyangwa bakarivamo kubera ko badashobora kwiga bashonje. Amahitamo y'imiryango arashira n'ibindi bibazo by'imibereho bikavuka. Gutema amashyamba byatumye inzego z'ibanze zirushaho gushyira imbara mu kubahiriza amategeko mu rwego rwo kubuza abantu kwiba uwo umutungo. Bamwe bajya mumashyambay'abaturanyi bigakurura amakimbirane mu baturage. Iyo abana cyangwa abagore bafashwe batema cyangwa bakurura amashami y'ibiti mu buryo butemewe n'umuryango bashobora gucibwa amande y'amafaranga menshi kandi rimwe na rimwe bagafungwa niba ari ishyamba rya leta cyangwa niba nyir'ubwite abaregeye inzego zibishinzwe. Bitewe n'ibikorwa by'abantu amoko menshi y'ibinyabuzima yarazimye harimo inyamaswa (urugero, impongo) n'ibimera (urugero, miriyantusi ., simfoniya globulifera, podokarupisi) bimwe muri ibi ntibishobora kubaho muri iki gihe cy'imihindagurikire y'ibihe. Ibicuruzwa byiza by'imbaho byiza biragoye kubibona, harimo ibikoresho byo mu nzu, ibiti byo kubaka inzu, amapoto, ibiti byo gushingirira ibishyimbo kimwe n'inkwi. Guhiga ibyo binyabuzima bigira uruhare runini mu kwangiza urusobe rw'ibinyabuzima kuko imiryango ihatirwa gutema ibiti aho gukoresha amashami yaguye hasi.

Impamvu yo gutema amashyamba ituruka ku myitwarire ya muntu ni icyifuzo cy'inyungu z'igihe gito. Ibi byashimangiwe cyane cyane mu rubyiruko (bari mu kigera cy'imyaka 18-24) n'abasigajwe inyuma n'amateka. Urugero, ibiti bikunze gusarurwa bikiri bito kugira ngo haboneke amakara cyangwa ibindi bikenerwa mu rugo mbere yuko ibiti bikura. Kubura ibiti muri rusange n'inkwi bituma abantu batashya amashami, imyanda, n'ibyatsi byo guteka bityo bikavanaho igice cy'ifumbire cyafasha ibiti gukura. Iyo ayo mikoro abuze, imiryango imwe ikennye cyane ikusanya ikintu cyose cyo gucanaharimo imifuka, plastiki ishaje/idakoreshwa, inkweto, n'ibindi byose bishobora kuboneka biganisha ku bibazo by'ubuzima no kwanduza umwuka duhumeka bitutse ku myotsi n'ibinyabutabire bibi cyane (urugero: diyogusine na furansi) bibikanudza ibidukikije mu buryo buhoraho. Ikigaragara ni uko twabonye ibimenyetso by'abantu bakomeje gukoresha umutungo w'amashyamba arinzwe mu buryo butemewe n'amategeko kubera kubura ubundi buryo.

Imishinga myinshi yakozwe mu Isunzu rya Congo-Nili na Minisiteri zitadukanye n'Imiryango Itegamiye kuri Leta; nyamara, bigaragara ko hakomeje kwangirika. Binyuze mu mahugurwa, ibiganiro, hamwe n'amatsinda y'ibanze twagiye twumva kenshi ko hakenewe guhuza neza ibikorwa by'imishinga. Mu bihe bimwe na bimwe, hashobora kubaho iterambere ku ruhande rumwe (guteza imbere ibidukikije) ariko iryo terambere noneho ntirishyigikirwe n'undi mushinga wubaka umuhanda unyura mu gace gafite ibidukikije bimaze kumera neza. Ubu bwoko budahuye bw'ahantu no gushyira mu bikorwa umushinga budindiza

iterambere. Igishushanyo mbonera cyo gukoresha ubutaka ku rwego rw'umurenge kizafasha mu ihuzabikorwa.

Ikindi kintu kigira uruhare mu kwangiza ibidukikije biturutse ku myitwarire ya muntu ni ikibazo cyo gutegura imishinga nta ruhare abagenerwabikorwa babigizemo. Ibi biganisha ku kwangirika kw'ibidukikije kuko, nk'urugero, umushinga ushobora gushyira mu bikorwa igikorwa cy'amashyiga; gukora no gukwirakwiza amashyiga, ariko amashyiga ntiyujuje ibyifuzo by'abaturage bazayakoresha. Umushinga umwe w'amashyiga utarakoze amashyiga ajyaho isafuriya nini cyangwa adashobora kwakirira isafuriya ebyiri icyarimwe. Kubera iyo mpamvu, imiryango yaba ntikoresha amashyiga yo mu mushinga; bityo gibatera umwanda cyangwa hagakoresha ayo mashyiga akaza yiyongera kuri mashyiga 3 ya gakondo; ibyo bigasaba inkwi nyinshi[78,79]. Hamwe n'igitekerezo bitangwa n'abagenerwabikorwa, ubu bwoko bw'amakosa bushobora kwirindwa mu gihe abantu bakeneye gukoresha ikoranabuhanga bavuga ibyo bakeneye mu byukuri. Urundi rugero ni ugutera ibiti bitajyanye n'akarere. Imishinga ishobora kubikora bitumvikanyweho, ariko umusaruro ni uko abaturage batamenya neza inyungu zigambiriwe maze bagakomeza gukoresha uburyo gakondo bwo gutekesha inkwi, bikarushaho kwangiza amashyamba.

5.5. Ingamba zo kurwanya imihindagurikire y'ibihe hamwe n'ingamba z'ahazaza zateganyijwe

Itsinda ry'umushinga ryakiriye ibyifuzo byinshi mu mahugurwa ane y'akarere kugira ngo harebwe ingamba zashyizwe mu bikorwa hamwe n'uburyo bwiza bwo guhuza n'imiterere mu Isunzu rya Congo-Nili. Abitabiriye amahugurwa bagaragaje imishinga myinshi yatangijwe mu karere muri rusange kandi bumva bafite icyizere ko ibyifuzonama byabo byafasha mu kunoza ishyirwa mu bikorwa ry'igihe kirekire. Incamake y'ibi byifuzonama ikubiyemo:

- Kugenzura niba igenamigambi rihuriweho ku gukoresha umutungo w'ubutaka rigera ku rwego rwo hasi.
- Guha ubushobozi abaturage bwo kumenya abatishoboye, ibikenewe, n'ibyo bakunda.
- Kwemerera abaturage kugira uruhare mu bikorwa by'igenamigambi.
- Gushyiraho uburyo abaturage bamenya abagenerwabikorwa batishoboye kurusha abandi kugira ngo inyungu zigabanywe mu buryo bungana.
- Kugaragaza uruhare n'inshingano by'abaturage no kubamenyekanisha urwo ruhare n'inshingano zabo.
- Kugisha inama abenegihugu, barimo abagore n'urubyiruko, ku byerekeye amoko y'ibiti agomba guterwa hitawe cyane cyane ku nyungu n'ibikenerwa cyane ku biti by'imbuto.
- Kubaha imiterere y'ahantu mu gushyira mu bikorwa umushinga kugira ngo ibikorwa bihuze n'ikirere cyaho hamwe n'uburyo bwo gukura bujyane n'ingengabihe y'ubuhinzi mu gutanga no gukwirakwiza ibiti, ingeri z'ubwoko bw'ibihingwa buzatera imbere kandi hakibukwa ko inzuki zimwe zitanga ubuki buke mu mbeho.
- Kumenya ingaruka zo gukoresha imiti yica udukoko ku bworozi bw'inzuki; urugero, abahinzi

78 Gunther, M. These cheap, clear stoves were supposed to save millions of lives. What happened? (October 29, 2015) The Washington Post.

79 Hanna, R. E. Duflo, and M. Greenstone. 2016. Up in Smoke; The influence of household behavior on the long-run impact of improved cooking stoves. American Economic Journal: Economic Policy 8(1):80-114

b'ibirayi bakoresha imiti yica udukoko yica inzuki, kandi uko ubutaka butakaza intungagihingwa mu isuri abahinzi benshi bakoresha imiti bashaka kongera umusaruro.

- Gutanga ubufasha bwa tekiniki byibuze imyaka itatu nyuma yo gutera ibiti kugira ngo habeho gucunga neza ibiti no guteza imbere ubuzima bw'ibiti.

Ingamba ziteganijwe z'ejo hazaza zigomba kandi kwita cyane ku bikenewe mu miryango y'abazigajwe inyuma n'amateka. Aba baturage ni abakene cyane kuko mbere bakoreshaga umutungo w'amashyamba kandi bagenda buhoro buhoro jya kuri y'iyo mitungo kubera iyubahirizwa ry'amategeko byiyongereye ndetse n'imishinga ifasha yatanze ubutabazi bw'agateganyo; hari imbaraga zihamye zo kuvana aba baturage mu bukene twese tugatsinda. Hariho inyungu mu bantu basigajwe inyuma n'amateka mu bice byinshi birimo ubuvumvu, ububumbyi, ubukerarugendo, n'ubuhinzi. Ku bijyanye n'ubuvumvu, bamwe bakoresha uburyo gakondo; icyakora, babuze ubutaka bwo kororeramo inzuki no kubura amafaranga yo kugura ibikoresho bigezweho. Mu mateka, anasigajwe inyuma n'amateka bazwiho ubuhanga mu buhanzi bwaho no kubumba inkono, icyakora iki gikorwa gisaba kubona ibumba n'inkwi. Izi mpano zishobora kwerekezwa mu bikorwa amashyiga, kandi ibyo byahabwa agaciro. Mu mateka abantu basigajwe inyuma n'amateka bazi cyane ibijyanye no kogoga ishyamba, kuzamuka imisozi, gushakisha imitego, no gukurikirana ba rushimusi. Impano nk'izo zishobora guhabwa umurongo zikanatezwa imbere mu kurinda ishyamba no kuba abayobora ba mucyerarugendo. Nubwo atari abahinzi gakondo, abantu bamwe basigajwe inyuma n'amateka bashishikajwe n'ibikorwa by'ubuhinzi; nyamara, na none, btibafite umutungo w'ubutaka cyangwa amafaranga yo kugura ubutaka. Ni muri urwo rwego, ibintu bigize uyu mushinga bizatuma abaturage basigajwe inyuma n'amateka babyungukiramo. Icyitonderwa, abana b'abasigajwe inyuma n'amateka bafite amahitamo make y'ishuri ukurikije ubukene bw'imiryango no gukenera ibiribwa mu buryo buhoraho. Ariko, ingero ni nko mu gihe iyo biga mu ishuri ntibashobora kwiga inzira z'ishyamba nkuko abandi bagize imiryango yabo babikora bityo bagatakaza amwe mu mahitamo y'ubukungu bw'ahazaza nk'abarinda ishyamba cyangwa abakurikirana ingagi mu bukerarugendo. Ibi bitekerezo byakuwe mu matsinda y'ibanze y'abasigajwe inyuma n'amateka bikwiye guhabwa agaciro mu cyiciro cy'iterambere cyo kwiga umushinga kandi bigashyirwamo, byashoboka, bikajya mu bikorwa rusange by'imishinga.

Abagabo bo mu Isunzu rya Congo-Nili bari mu mwanya mwiza wo kugira uruhare muri gahunda bikabinjiriza inyungu z'amafaranga nko gukuraho ibihuru, akazi ka bubyizi, n'imishinga yo gutera inshyamba. Nubwo mu mategeko y'u Rwanda, abahungu n'abakobwa bahabwa uburenganzira bungana (Itegeko / nº 22/99 ryo ku wa 12/11/1999) amatsinda y'ibanze ya PPF yagaragaje ko kubera umuco gakondo, ababyeyi bakunda guha abahungu umurage w'ubutaka, bagasiga abakobwa mu mwanya bato mu mwanya aho gushingira byose mu gushaka umugabo kugira ngo bagire uburenganzira ku ubutaka; iyo batasezeranye aho bahinga; mu gihe nta gushyingirwa byemewe, abagore nta burenganzira bafite ku butaka. Muri rusange, aya mahame y'uburinganire n'imibereho myiza asigira abagore benshi imbaraga nke zo gufata ibyemezo kandi nta buryo bwo kugenzura neza umutungo. Ikibazo cy'Ihohoterwa Rishingiye ku Gitsina N'Uburinganire (SGBV) ku rwego rw'urugo aho abagore bagerageza guharanira ubwigenge kandi ibyo bagezeho ni byinshi. Kuri uyu mushinga, ingaruka ni uko ibiti byatewe n'abagore bihinduka umutungo w'abagabo; amafaranga yungutswe mu kazi (gutera ibiti, gufata neza pepiniyeri) cyangwa binyuze mu mirima y'ubuhinzi (ibiti by'imbuto, ubuki, n'ibindi) bigenzurwa n'abagabo; n'abagore ntibagomba kwitabira ibikorwa batabiherewe uburenganzira n'abagabo Nubwo ibi bisa nkaho ari bibi, ibi bintu ntabwo ari rusange. Amatsinda 24 y'ibanze mu Isunzu rya Congo-Nili yabereye muri PPF yagaragaje ko ingo nyinshi zifatira hamwe umwanzuro w'ikoreshwa ry'amafaranga;

gutunga ubutaka bikunze gufatwa nk'ibihuriweho; kandi abagabo babona ko ingaruka zo kubura inkwi ku bagore no ku bakobwa. Ihame ry'uburinganire ntiriragera hose ku isi kandi umuco wo mu cyaro ufite inzira ndende yo kubigeraho. Umugereka wa 8 utanga andi makuru y'inyongera agaruka ku bibazo byihariye bishingiye ku gitsina byagenzuwe mu gukora uyu mushinga kugeza ubu.

WCS ivuga ko mu ishyirwa mu bikorwa ry'umushinga, umushinga watumira abaturage kugira ngo bafashe gusobanura izo nshingano n'inshingano ku buryo nyir'ibikorwa by'umushinga bizaba ku rwego rw'ibanze aho kuba hejuru-hasi. Uyu mushinga uzareba uruhare rw'abagore, urubyiruko, n'amatsinda y'abasigajwe inyuma n'amateka muri iki gikorwa nkuko byakozwe ku matsinda y'ibanze hamwe n'amahugurwa kugeza ubu hagamijwe guteza imbere uburinganire no kudaheza mu biganiro byose.

5.6. Gufata ibyemezo n'uburyo bw'itumanaho buboneye bushingiye ku MUCO

Amahugurwa, ibibazo, hamwe n'amatsinda y'ibanze yagaragaje ibitekerezo bimwe na bimwe byo kunoza uburyo bwo gufata imyanzuro n'uburyo buboneye bw'itumanaho bushingiye ku muco mu mushinga uteganijwe. Ku rwego rwo hejuru ibyo bigizwe n'uruhare runini rw'abaturage kuri buri kintu cyose uhereye ku igenamigambi ry'imikoreshereze y'ubutaka kugeza ku guhitamo amoko y'ibiti bifitiye akamaro abahinzi n'abaturage; uburyo bunoze bwo kumenyakanisha uburyo bwo kubaka bujyanye n'amatsinda atandukanye akeneye gukora pepiniyeri, ubuvumvu, kwita ku biti no kubibungabunga by'igihe kirekire kandi cyane cyane kumenya ko ibiti bitanga umusaruro urenze umutungo ugaragara ahubwo ko ari ingenzi muri serivisi z'urusobe rw'ibinyabuzima kandi abasigajwe inyuma n'amateka bazakenera gushyirwa mu mushinga hitawe cyane ku buryo bwo kubibakangurira no kuvugana na bo ibyerekeye umushinga n'uruhare rwabo.

Icyitonderwa, amatsinda y'ibanze arimo abasigajwe inyuma n'amateka yagaragaje ko abasigajwe inyuma n'amateka bakuwe mu mishinga mu gihe cyashize. Bumvaga ko abayobozi b'inzego z'ibanze bafata umwanzuro w'ukwiye kwitabira umushinga, ndetse bumva ko bakuwe mu mishinga nkana. Ntabwo bakira amakuru ayo ari yo yose ku mishinga ngo bumve ko hakenewe ubuvugizi no guhagararira abayobozi b'inzego z'ibanze. Rimwe na rimwe, kunanirwa gushyiramo abasigajwe inyuma n'amateka bigira ingaruka zitagereranywa ku bagore, urugero umuryango umwe ugizwe n'abagore gusa bafite abagabo babiri gusa. Dushingiye ku bikorwa byacu byo mu murima abasigajwe inyuma n'amateka inyuma yerekana umutego w'ubukene bw'uruhererekane. Nta butaka bafite kandi nta mutungo bafite. Ntibafite ibiryo kandi bagomba kohereza abana babo gushaka ibiryo, bityo, ntibashobora kujya ku ishuri. Biragaragara ko abasigajwe inyuma n'amateka badakora, ariko ntibabishobora kuko bagerageza kubaho gusa. Ntibashobora kubona amatsinda yo kuzigama no kuguriza kubera amakuru macye bafite kuri sisitemu. Ibyavuye mu bushakashatsi byerekana ko hakenewe uburyo bw'itumanaho burimo abasigajwe inyuma n'amateka kandi bishimangira akamaro ko gukorana n'uyu muryango kuko ugizwe ahanini n'abagore n'urubyiruko.

Inshuro nyinshi mu matsinda y'ibanze n'ibiganiro, abitabiriye amahugurwa bagaragaje akamaro ko kurangiza gahunda yo gukoresha ubutaka mu cyaro hanyuma bakamenyesha iyo gahunda kimwe n'ubusobanuro bwihariye bw'izo gahunda ku baturage Bumwe mu buryo bushimishije kandi bushya bwo gutumanaho no mu baturage bo mu Isunzu rya Congo-Nili harimo ibi bikurikira:

- Gutangiza ikiganiro kuri radiyo gitanga amakuru ku baturage ku bijyanye n'imihindagurikire y'ikirere.
- Guhemba/gushima kandi mu ruhame abahinzi b'indashyikirwa bafashe gahunda yo gutera ibiti mu mirima yabo.
- Kugena abahugura abahinzi (bayobora abahinzi) bashobora gufasha ikujyanye n'ubwitabire

no gutanga ibitekerezo biturutse ku bahinzi n’abaturage.

- Guteza imbere uburyo abahinzi bigira ku bandi binyuze mu ngendoshuri ahantu hafite umushinga bisa neza ukaba ugenda neza.
- Gukora uturima tw’ikitegererezo dufasha mu bikorwa byo kungurana ubumenyi.
- Gushyiraho pepiniyeri ziyobowe n’amasosiyete/amakoperative yo mu karere kugira ngo byorohe kuhagera kandi biteze imbere itumanaho hagati y’abahinzi.
- Kubaka ihuriro ry’abatanga ubumenyi bwa tekiniki kugira ngo habeho imikoranire y’abahinzi/abayobozi b’ibiti byatewe mu gihe kirekire kugira ngo ibiti bibeho.

6. ISUZUMA RY'IBANZE RY'IBIDUKIKIJE N'IMIBEREHO/IBYAGO BY’UMUSHINGA

6.1. Ishingiro ry’ingaruka ku bidukikije n’Imibereho

WCS yakusanyije ibitekerezo by’ingirakamaro by’abafatanyabikorwa (reba Umugereka wa 7) kugira ngo bategure icyifuzo kandi batangire gutegura umurongo ngenderwaho w’umushinga ubwawo. Twakoresheje uburyo n’inzira bitandukanye mu gusuzuma ibibazo, ibikenewe n’intege nke, harimo kwifashisha inyandiko za raporo, politiki, igenamigambi, n’ingamba

Iyi ESIA ibanza ishingiye kuri gahunda zisanzweho, IUCN ESIA y’Umushinga w’Ubukungu bushingiye ku Gutera amashyamba no Guteza imbere ibikorwa byo Gungana n’Imihindagurikire y’Ibihe n’inyandiko zo mu Rwanda ndetse n’ibitekerezo byatanzwe mu butumwa bwa mbere bw’ibikorwa byakozwe muri Kamena 2021 n’inama z’abafatanyabikorwa hamwe n’itsinda ry’ibanze ryakozwe muri Nyakanga na Kanama 2021. ESIA ishingiye kandi ku gusuzuma mu buryo mbwimbitse ibikorwa by’umushinga byateganijwe ndetse no gusuzuma imibereho n’ubukungu mu bikorwa by’imishinga n’ibibazo byavuzwe mu nama z’abafatanyabikorwa.

Ingaruka z’ibi bikorwa zasuzumwe hifashishijwe uburyo bwo gusuzuma ingaruka z’ibidukikije/imibereho (ESIA). Intego zihariye ni izi zikurikira:

(i) Gusuzuma ingaruka zishobora guterwa n’ibidukikije n’imibereho mu turere twihariye tw’imishinga,

(ii) Kureba niba ari byiza/atari byiza,

(iii) Gutanga ingamba zo kwirinda no guhnagana n’ingaruka ndetse

(iv) no kumenyesha gahunda yo gutegura umushinga ingaruka ku bidukikije n’imibereho z’uburyo butandukanye, hamwe n’ingamba zo gukumira (harimo ibisabwa mu ishyirwa mu bikorwa) mu kubahiriza imiterere ya E&S mu cyifuzo cy’umushinga.

Kugira ngo usobanukirwe intego ya gahunda neza ugomba gusobanukirwa ingingo ebyiri n’imiterere byatanzwe mu bice bibiri bikurikira

Iki gice gisobanura uburyo bwakoreshejwe mu gusuzuma ibipimo byerekana ingaruka zishobora guterwa n’ibikorwa bya buri muntu, ibikorwa bihuriweho ndetse n’ibikorwa bito by’umushinga uteganijwe. Ishingiye ku makuru y’ibanze y’ibidukikije n’imibereho yasuzumwe mu bitabo biriho, inyandiko z'umushinga ziva mu mishinga isa n'u Rwanda n'ahandi ndetse no kugirana inama n'abafatanyabikorwa binyuze mu biganiro no mu matsinda y’ibanze. Isuzuma ryateguwe hagendewe ku bice bitatu by'ingenzi bigize umushinga:

1. Kwerekana imihindagurikire y’ibihe mu igenamigambi ry’imikoreshereze y’ubutaka
2. Kubunagbunga no kuvuguruza imisozi n’ibibaya by’amashamba
3. Ishoramari mu ruhererekane rw’inyongeragaciro no kugabanya gutema amashyamba no guha ubushobozi abagore binyuze mu gukoresha amashyiga arondereza ibicanwa

Ibi kandi biha agaciro ibikorwa bitaganyijwe n’umusaruro witezwe. Ingaruka z’ibikorwa bito zibumbirwa hamwe zigatanga inota kuri buri gikorwa. Ubu buryo bwarebye ingaruka mbi

n’inziza kuri buri gikorwa. Ingamba zo kugabanya cyangwa gukumira ingaruka mbi zisobanuwe muri gahunda yo kubungabunga ibidukikije n’imibereho (Igice cya 9+).

6.2. Isesengura ry’Imiterere n’Ingaruka

Twafashe inzira ikoresha ibipimo n’uburyo bwihariye bwo gusuzuma.[80] Isuzuma ryuzuye ryarimo ikimenyetso cy’ibintu byiza n'ibibi bigize ibikorwa n'ibikorwa bito, impamvu y’ingaruka, ingaruka zishobora kubaho, ikigereranyo cy’uko ingaruka ishobora kubaho, igihe ingaruka izabaho bwa nyuma, n’impamvu nyamukuru. Twasubiyemo isuzuma dukurikije ingamba zo gukumira ziteganyijwe zizakoreshwa mu gihe cyo gushyira mu bikorwa umushinga. Imbonerahamwe 5 incamake y’ingaruka ku rwego rw’ibice by’ingaruka zakumiwe n’itarakumiwe kugira ngo bigaragaze ingaruka ziteganyijwe zo gukumira.

Hano hepfo turasobanura mu buryo burambuye uburyo bwo gusuzuma hamwe n’inama z’uko amasuzuma yose yakozwe, yaba yarasobanuwe mu nyandiko cyangwa mu mibare ni amasuzuma yujuje ubuziranenge ashingiye ku makuru yakusanyijwe mu gihe cyo gutegura isuzuma. Ibisubizo bisAh hobora guhinduka bishingiye ku ihindagurika ry’umushinga n’ibikorwa byihariye nkuko bigenda bishyirwa mu bikorwa.

Isuzuma ry'inyandiko

Ingaruka nziza/Ingaruka mbi: zasobanuwe mu bisobanuro biri mu mbonerahamwe.

Ubwoko bw'ingaruka - bwerekana urugero ingaruka zizaba 'ziziguye', 'zitaziguye', cyangwa 'zihurijwe hamwe'.

Ibishoboka: byerekana ko ingaruka zishobora kugaragara mu gihe cyo gushyira mu bikorwa umushinga kandi bisobanurwa ngo 'rwose oya' na 'birashoboka ariko gacye', = HASI, 'birashoboka' na 'birashoboka cyane', = Mu rugero na 'byanze bikunze' = Hejuru

Icyizere cy'isuzuma: cyerekana uburyo umusesenguzi agereranya ubushobozi bwabo bwo kumenya neza ingaruka zishingiye ku bwiza bw'amakuru agira uruhare mu gusuzuma ingaruka, yerekanwe nka " hasi, " mu rugero, 'cyangwa' hejuru. '

Isuzuma ry’imibare

Ingaruka: 0 = Ntayo, 1 = Hano, 2 = Akarere, 3 = Igihugu, 4 = Amahanga.

Ubunini cyangwa ingano y'ingaruka: 0 = Nta n’umwe, 1 = ibikorwa byahinduye byimazeyo na/cyangwa ibikorwa by’imibereho, 2 = byinshi byahinduwe n’ibikorwa bisanzwe na/cyangwa ibikorwa by’imibereho, 3 byahinduwe cyane n’ibikorwa bisanzwe na/cyangwa imibereho).

Igihe zimara: 0 = Ntacyo, 1 = kugeza ku myaka 2, 2 = 2 kugeza 15, 3 = Kurenza imyaka 15.

Ingaruka: Igisubizo cy’incamake gishingiye ku ntera y’ingaruka, ubukana bw’ubunini bw’ingaruka, n’igihe bimara.

0-1) ntabwo ari ngombwa, nta ngaruka ku byemezo (2-3) ingaruka nkeya, ntoya nta ngaruka zifatika zifata ibyemezo (4-5) mu rugero, kigomba guhindura ibyemezo (6-7) hejuru, bizagira ingaruka ku byemezo (8-9) hejuru cyane, bizagira ingaruka ku myanzuro kandi bigomba

80 Conservation International (2020) Ecosystem-Based Adaptation and Mitigation in Botswana’s Communal Rangelands, Annex 6: Environmental and Social Impact Assessment and Environmental and Social Management Plan. Green Climate Fund.

kugenzurwa byuzuye mbere yo kubishyira mu bikorwa.

Ingaruka zahise zihuzwa ku buryo bukurikira kugira ngo dushyire mu byiciro bya GCF by’ibyago, bityoIngaruka n’ibyago birangana:

(0-3): HASI (C) (4-7): MU RUGERO (B) (8-9): HEJURU (A)

Twese tuzi ko iri suzuma ahanini rifite intego kandi rishobora guhinduka mu gihe haboneka amakuru mashya yerekeye umushinga, aho umushinga uherereye, abagenerwabikorwa b'umushinga, hamwe no gushyira mu bikorwa umushinga muri rusange.

mbonerahamwe 8 Isuzuma ry'ingaruka ku bidukikije n'imibereho myiza n'ingamba zo kuzkumira

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
PO # 1 - Igenamigambi ry'imisozi n'ibibaya, politiki n'imicungire ikora neza kandi igahuzwa mu mirenge n'ibipimo byo guhangana n'ibyago by'imihindagurikire y'ibihe n'inyungu zo kubirwanya.				
1.1. Igishushanyo mbonera cy'imikoreshereze y'ubutaka bw'imisozi n'ibibaya cyateguwe mu guhangana n'imihindagurikire y'ibihe ndetse n'urusobe rw'inyambuzima mu mashyamba, no gushyira ingamba ku rwego rw'akarere.	Iki gice gikubiyemo inkunga yo gushyigikira igenamigambi hagati ya za minisitiri no guhuza n'inama zirimo abagore n'imiryango y'abatishoboye. Inama zidahagize zishobora gutuma bahabo kugabana inyungu mu buryo butangana. Ubushobozi buke bushobora gutuma habaho kutagira umushinga ndetse bikanabura guhuza ibibazo by'abasigajwe inyuma n'amateka, abagore n'urubyiruko ku mpinduka z'imikoreshereze y'ubutaka bityo bigatuma habaho uburyo bwo kubuzwa umutungo.	Uko bihagaze: Hasi Ingaruka: MU rugero Ibyago: Biciritse	Uko bihagze: Hasi Ingaruka: Hasi Ibyago: Hasi	Gahunda yo Gukorana n'Abafatanyabikorwa Uburyo bwo Gukemura Ibibazo Gukomeza kuvugurura urutonde rw'abafatanyabikorwa no kongeraho abantu babura/amatsinda/imiryango Inama y'abafatanyabikorwa izahuza abaturage kandi, muri cyo cyiciro, abagore n'abaturage batishoboye bazamenyeshwa na bo. Gukoresha abakozi benshi bagera ku baturage akazi kabo kazaba ari ukureba niba ibikorwa by'umushinga bidaheza kandi no gushyikirana n'abaturage cyane cyane abagore, urubyiruko, abasigajwe inyuma n'amateka n'ibyiciro C, D, E bijyanye n'urwego rukwiye rwo kuvugura imyumvire. Umushinga wose nta muntu uheza mu bafatanyabikorwa bose kandi uzirikana ibikenewe ku bagore, urubyiruko, abasigajwe inyuma n'amateka, hamwe n'abaturage bo mu byiciro c, d, e. Aya matsinda azashyirwa imbere mu gukora igenamigambi n'ibyifuzo byabo bizasuzumwa mu byiciro by'ishyirwa mu bikorwa, cyane cyane mu bijyanye no kubona inyungu ziva mu bikorwa by'umushinga. Zimwe muri izo nyungu zigomba gukurikiranwa (urugero nko gukoresha ubushakashatsi bw'ibanze bukenewe) kugira ngo

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	**Byakumiwe**	
				wumve uburyo imibereho izagirwaho ingaruka mu gihe umushinga uzamara. Uburyo bw'Amategeko buzakoreshwa mu gihe cyo kubuza abantu kwinjira kubera impinduka z'ikoreshwa mu ry'ubutaka.
1.2 Ubushobozi bw'inzego z'ibanze n'igihugu bwashimangiwe kwinjiza urusobe rw'ibinyabuzima n'imihindagurikire y'ikirere muri gahunda yo gukoresha no gucunga ubutaka	Iki gikorwa gikubiyemo ahanini gutanga serivisi z'ubujyanama no kongerera ubushobozi abagenerwabikorwa kugira ngo hakorwe neza igenamigambi, guhuza amakuru no gusesengura. Ubushobozi buke bwo kutagira ubumenyi cyangwa kubura gufata bishobora gutera kubura ibikorwa byo kurinda ahahanamye isuri kandi bikangiza ibidukikije. Niba gahunda yo gukora igenamigambi habuzemo abaturage batishoboye kugabana inyungu ziva ku nyungu z'ahantu hatunganyijwe bishobora gukorwa mu buryo butangana hagatonehswa amatsinda amwe kurusha ayandi.	Uko bihagaze: Hasi Ingaruka Mu rugero Ibyago: Mu rugero	Uko bihagaze: Hasi Ingaruka: Hasi Ingaruka: Hasi	Guhugura abakozi bose bakora ku buryo budaheza muri gahunda yo kubungabunga ikirere kugira ngo basobanukirwe kandi berekane ingaruka z'imihindagurikire y'ikirere zihariye zagaragaye ku baturage basigajwe inyuma n'amateka n'Ibyiciro by'abaturage c, d, na e.

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
PO # 2 - Amashyamba karemano ararinzwe, arahujwe, arwanya ingaruka n'ibyago by'imihindagurikire y'ibihe.				

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	**Byakumiwe**	
2.1 Imicungire y'Ahantu Harinzwe yateje imbere uburyo bwo guhangana n'ingaruka z'imihindagurikire y'ibihe	Abakozi ba pariki ntibazi ingaruka zikomeye byagira ku baturage mu guhangana n'impinduka Abakozi ba pariki batahuguwe ku ihohoterwa rishingiye ku gitsina no guhoza undi ku nkeke Inyungu zituruka ku mbaraga zishyirwamo ntizingana mu baturage Abakozi ba pariki ntibazi ibikorwa bidaheza by'uburinganire mu gushyira abaturage mu bikorwa cyane cyane mu kuzimya inkongi y'umuriro Kutagira ubumenyi ku bibazo abanttu baterwa n'inyamaswa Abayobozi ba pariki ntibafite ubumenyi ku bijyanye no kuzimya inkongi y'umuriro bitera izindi ngaruka mu baturage	Uko bihagaze: Mu rugero Ingaruka: Mu rugero Ibyago: Mu rugero	Uko bihagaze: Hasi Ingaruka: Mu rugero Ibyago: Mu rugero	Guhugura amashami mashya muri buri Pariki y'Igihugu ku bijyanye no kurinda abaturage harimo GRM, uruhushya n'Ingamba Zikukimira abantu Kuhagera no guha amahirwe angana abaturage mu gushyiraho gahunda y'imikoreshereze y'ubutaka bw'Isunzu rya Congo-Nili no kurwanya ihohoterwa rishingiye ku gitsina no guhoza undi ku nkeke. Gutoranya abaturage ni ugufata abahagarariye abandi no kwirinda kugongana n'indi mishinga ihari ubu Gushyiraho gahunda bwo guhangana n'inkongi y'umuriro no gukora ubukangurambabga mu baturage. Gushyiramo ibice by'umutekano w'abaturage, umurimo n'ubutabazi bwihuse hamwe na gahunda zo kwitegura muri buri Pariki y'Igihugu kugira ngo habe ahantu heza ho gukorera ndetse hanatanga ubutabazi mu gihe cy'impanuka zijyanye no guhangana n'inkongi y'umuriro

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
2.2 Kuvugurura ishyamba kimeza, gushyiraho imikoranire y'ibinyabuzima bitandukanye	Kwiyongera kw'ibibazo abantu baterwa n'inyamaswa Ibyago biterwa n'isuri n'imyanda itwarwa n'amazi y'imvura mu gihe cy'itera ry'amashyamba. Kwiyongera kw'indwara zikwirakwizwa n'imibi n'amazi mu gihe bakorere kuri ubwo butaka. Uduce twavuguruwe tw'amashyamba dushobora kwangizwa hashakwa ibiti byo kubaka n'inkwi. Abantu bashobora kuvanwa mu bice byakoreshejwe mbere mu gihe cy'ibikorwa byo kuvugurura. kwiyongera k'ubusumbane bushingiye ku gitsina mu kwinjiza niba abagore badahagarariwe neza mu bakozi bahabwa akazi ko guhinga. Ubwoko bw'udukoko twangiza ibindi binyabuzima dushobora kuza mu ngemwe Abakozi bashobora kugwa mu gihe bakora ahantu hahanamye cyangwa bakitema mu gihe batunganya ibikoresho bityaye. Hakenewe ihagararirwa ry'abaturage	Uko bihagaze: Mu rugero Ingaruka: Mu rugero Ibyago Mu rugero	Uko bihagaze: Hasi Ingaruka: Mu urgero Ibyago: Mu rugero	Kuhugura abakozi ku buryo bukubiyemo gukoresha mudasobwa harebwa ahantu hatoranyijwe ho gukorera - abaturage bashobora kwitabira ibikorwa bikomeza by'umushinga. Gukwirakwiza ahantu ibikorwa bizabera bishobora kugabanya ubwitabire bw'amatsinda amwe n'amwe nk'abagore, urubyiruko, abasigajwe inyuma n'amateka c, d, e. Bizitabwaho kugira ngo aho ibikorwa bya nyuma by'umushinga bizabera bitazaba ibyo kubungabunga ibidukikije gusa ahubwo bizabe ibifasha abantu bahagarariye abandi mu matsinda y'abazitabira gukuraho ibishurushuru. Uburyo bwo Gukumira abantu Kuhagera bwashyizweho kandi buboneka uho bikenewe. Isuzuma ry'imikoreshereze y'ahantu hateganijwe mu ivugururwa ry'amashyamba rizaba ngombwa. Guhugura abantu ku mahame y'umurimo n'ay'umutekano hamwe no ku kwitegura ubutabazi bwihutirwa na ibijyanye n'umutekano kuri gahunda zose z'igihugu, izi zizajya zihuza ahabera ibikorwa. Abakozi bose bazabahwa GRM. Amashyamba arinda ntazashyirwaho ku butaka buhingwamo ibyo kurya. Gutera amashyamba ntibizaba bikubiyemo kubona amasambu, uburenganzira ku butaka cyangwa uburenganzira bwo gukoresha ubutaka binyuze mu kwimura abantu cyangwa ubundi buryo buteganijwe kandi bizubahiriza amategeko mu Rwanda. Abaturage bazagira uruhare mu bikorwa by'igenamigambi no gutera amashyamba kandi aho bibaye ngombwa, hazakorwa amasezerano yerekeye uburenganzira n'inshingano ku butaka.

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
	rirakenewe mu guhitamo ahantu hagomba guterwa amashyamba.			

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	**Byakumiwe**	
				Uyu mushinga uzakorana n'inzego za leta n'abafatanyabikorwa baho kugira ngo habeho uruhare rw'abafatanyabikorwa no guha inyungu z'umushinga mu buryo bungana amatsinda menshi. GRM izaboneka ku bantu bumva ko bakuwe mu bagenerwabikorwa Gahunda yo Kubungabunga Ibidukikije izakurikirwa no guhitamo ubwoko bw'ibihingwa kandi uburyo bwo kubibungabunga bushobora gusimbura ibimera byangiza/ibimera bibangamira ibimera gakondo. Gahunda yo Kubungabunga Ibidukikije izatuma hatabaho imicungire myiza no kurwanya ibimera bibangamira ibindi ahubwo ibikorwa byo kwita ku ngemwe bizakorwa hagamijwe guca ibimera bibangamira ibindi mu bica by'icyaro. Kugenzura mu buryo buhoraho pepiniyeri bizatuma ibyo bihingwa byangiza ibindi bicika.
PO #3: Imibereho yo mu cyaro ahakunze kwibasirwa ijyanye n'uburyo bwo guhangana n'imihindagurikire y'ikirere, iri amoko atandukanye, kandi ijyanye n'iterambere rirambye ndetse isigasira ibidukikije.				
3.1 Uburyo bwo guhinga buteza imbere umusaruro, bugabanya ibyago biterwa n'isuri n'umwuzure, bigira uruhare muri serivisi z'urusobe rw'ibinyabuzima, kandi bishyigikira imikoranire y'ibinyabuzima	Inyungu zo guteza imbere ubuhinzi zishobora kugabanywa mu buryo butangana mu baturage; ndetse ntihashyirwemo amatsinda y'abasigajwe inyuma n'amateka Kwita ku ngemwe bishobora kuyobya amazi ntagere ku bandi bayakoresha. Kwita ku ngemwe bishobora gutuma hakoreshwa imiti yica udukoko ndetse	Uko bihagaze: Hejuru Ingaruka: Hejuru Ibyago: Hejuru	Uko bihagaze: Mu rugero Ingaruka: Mu rugero Ibyago: Mu rugero	Gahunda yo Gukorana n'Abatanyabikorwa Kugisha inama inzobere mu micungire y'ibidukikije kugira ngo hahugurwe abashinzwe pepeniyeri ku ikoreshwa ry'amazi, kugaragaza ibimera byangiza ibindi, no kugabanya ikoreshwa ry'imiti yica udukoko n'ifumbire. Uyu mushinga uzakorana n'ibigo bya leta n'abafatanyabikorwa baho igikorwa kibera kugira ngo hagenwe mu buryo nungana

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
	n'ifumbire. Kwita ku ngemwe no kuzikwirakwiza bishobora gutuma ibimera byangiza bikwira mu bice by'icyaro cy'Isunzu rya Congo-Nili bikanduza ibindi biti. Kwiyongera kw'ibyago byo kwandura indwara ziterwa n'umubu n'amasazi mu gihe cyo gutera no kwimura ubutaka/amazi. Kubura uruhushya rwemewe rwo guca amaterasi no kubona ifumbire ndetse n'igitutu cy'umuryango cyo kubona inyungu z'amafaranga bihabwa abantu bahawe amasezerano y'akazi. Gukora amaterasi y'indinganire bishobora kugira ingaruka ku bidukikije harimo kuvanaho ubutaka bwo hejuru mu gukora amaterasi, gutakaza ubutaka kubera isuri mu gihe cyo kuyakora, guhungabanya ubuhaname, kugenda kw'ifumbire cyangwa ubutaka bukungahaye ku ntungagihingwa n'ibitanga CO2 mu gukora amaterasi.			abagenerwabikorwa b'amavugurura mu buhinzi. Abakozi bose bagize uruhare mu gutera ibiti bazahugurwa ku bijyanye n'umutekano w'abakozi ndetse n'uburyo bwo kwirinda kwandura indwara. Abagenerwabikorwa bose bazabona GRM. Umushinga PMU uzareba neza ko ikigo gifite injennyeri wahuguwe uzagenzura ikorwa ry'amaterasi kugira ngo harebwe uburyo bwiza bwakurikizwa kugira habanywe isuri no kugenda by'ubutaka.

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
3.2 Imibereho yo mu cyaro ibyara inyungu zindi & kugabanya igitutu ku mashyamba	Amahugurwa no kongerera ubushobozi bw'imibereho n'umusaruro wongerewe agaciro bizazamura imibereho myiza muri rusange kandi bigabanye gushingira ku butaka. Inyungu zishobora kugabanywa mu buryo butanga mu matsinda, cyane cyane iyo kubogama kwabayeho ku masoko, amabanki no mu zindi nzego zigomba kwisho kugira ururahe mu gushyira mu bikorwa iki gice kigerweho Guteza imbere imibereho y' abagore no kwinjiza amafaranga bishobora gutera imyitwarire yo kwihorera mu banyamuryango b'abagabo. Ubwiyongere bw'ibyago byo kurumwa n'inzuki Tekinoloji y'ingufu zo gutekesha zitanduza kandi zimeze neza zitezwa imbere binyuze mu gushyigikira amashuri y'imyuga n'abaturage kuva/kugabanya icanwa ry'ibikomoka ku bihingwa. Kwemeza amashyiga meza ya arondereza inkwi atanduza umwika duhumeka mu ngo, cyane cyane ku bagore n'abana, ndetse no kugabanya igihe gikoreshwa mu gutashya inkwi.	Uko bihagaze: Hejuru Ingaruka: Hejuru Ibyago Hejuru	Uko bihagaze: Hasi Ingaruka: Mu rugero Ibyago: Mu rugero	Uyu mushinga uzakorana n'abafatanyabikorwa ba guverinoma n'imiryango itegamiye kuri leta bibanda ku ihohoterwa rikorerwa mu ngo, impamvu nyamukuru, n'ingamba zo gukumira; ubukangurambaga bwo kwamamaza mu baturage bureba abagabo ku byerekeye inyungu za ba rwiyemezamirimo b'abagore. Ubukangurambaga bwo kwamamaza bushobora kuzageza ubutumwa ku bayobozi b'inzego z'ibanze, abayobozi b'amadini, amatsinda y'abagore mu rwego rwo kuzamur imyumvire ku nyungu z'abagore aho baba harimo kugaragaza ihohoterwa rishingiye ku gitsina no kohereza ubutumwa ku ihohoterwa rishingiye ku gitsina no gukumira ihohoterwa rikorerwa mu rugo. Gukora ubukangurambaga bwo kwamamaze bukomeye bwo kuzamura ibikorwa byo mu baturage Kumenya abagenerwabikorwa no gutanga amashyiga ku bantu mu ngo Kubaka ubushobozi bwa koperative nshya n'izisanzwe guhindura amashyiga bagakoreha Tier 2 Kumenya no gushyira imbere ubwoko bw'ibikorwa bifatika (urunigi rw'agaciro) gushyigikirwa Gutanga amahugura y'Ubumenyi ngiro (guteza imbere uruhererekane rw'ubucuruzi bw'ibihakorerwa, ubukerarugendo, ubuvumvu bugezweho, gukwirakwiza amashyiga, gusana/kukanika, n'ibindi) Gushyira mu bikorwa iterambere ry'ikigo Igenamigambi ryitondewe hamwe n'inama

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
	Ibikoresho by'amashyiga mu ziko bishobora guturuka ku bintu bitaramba. Imyanda ya CO_2 ikomoka ku bicuruzwa mu gukora no gutanga amashyiga. Kubura amahugurwa ahagije/ibikoresho na/cyangwa kubahiriza bigabanya uburyo bwo kubaho bushya, Abavumvu benshi cyane bashobora kwuzuza isoko kandi intego z'ibyinjira ntizigerweho. Amahugurwa no kongerera ubushobozi abakozi ntibishobora kuvamo ibikorwa bishya by'igihe kirekire. Gukora amashyiga bishobora kubyara imyanda n'ibindi bibazo bijyanye na yo Kugeza ubu hari ikibazo cy'ubwiyongere bw'abaturage ku bijyanye n'abagabo n'abantu barengeje imyaka 35 mu bikorwa by'ubuvumvu mu bice 3 byose. Ibyago by'ibibazo by'igihe bibuza uruhare rw'abagore n'urubyiruko (urugero: umwanya muto uboneka mu ngengo y'imari y'igihe mu rugo,			ngishanama n'abafatanyabikorwa bizakorwa mbere yo gutoranya ibikorwa by'imibereho kugira ngo hagabanywe icyaba inkomyi kandi harebwe ko ingo zifite amahugurwa akwiye ku bijyanye n'imibereho. Kugisha inama inzobere mu kubungabunga ibidukikije kugira ngo harebwe uburyo bwo gutanga ibicuruzwa burambye kandi umusaruro ugabanye ibicuruzwa bidakenewe cyangwa ingaruka ku bidukikije. Uyu mushinga uzakorana n'inzego za leta n'abafatanyabikorwa kugira ngo hatanagwe mu buryo bungana amashyiga hanakorwe ibikorwa by'imibereho myiza biteganyijwe. GRM izaboneka ku bantu bumva ko bakuwe mu bagenerwabikorwa

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	Byakumiwe	
	mu ishuri).			

Umusaruro w'umushinga	Ingaruka zishobora kubaho	Umumaro		Kwirinda/Ingamba zo Gukumira
		Bitakumiwe	**Byakumiwe**	
3.3 Serivisi y'imari & ishoramari ry'abikorera byariyongeye	Inyungu zishobora kugabanywa mu buryo butangana mu matsinda, cyane cyane iyo hariho kubogama ku masoko, amabanki n'izindi nzego zishaka gushyirwa muri iki gikorwa kugira ngo kigerweho	Uko bihagaze: Hejuru Ingaruka: Hejuru Ibyago: Hejuru	Uko bihagaze: Hasi Ingaruka: Mu rugero Ibyago: Mu rugero	Gushyiraho amatsinda yo kuzigama no kuguriza Guhugura amatsinda yo kuzigama no kugurizanya ku bijyanye n'amahame y'uburinganire n'ubwuzuzanye, gukoresha imibonano mpuzabitsina ku gahato no guhoza undi ku nkeke mu rwego rwo gukumira ibibazo bijyanye n'imikoranire mu gutanga inyungu. Uyu mushinga uzakorana n'Umuryango Utegamiye kuri Leta w'abagabo, ndetse abaturage n'abayobozi b'amadini mu gutangiza gahunda igenewe abagabo nk'abafatanyabikorwa mu kuzamura ubukungu bw'umugore no kugabanya gusambanywa ku gahato/ihohoterwa rishingiye ku gitsina. Kugera ku ngamba n'ibikoresho by'itumanaho mu myitwarire mbonezamubano bizatezwa imbere kugira ngo bikemure inzitizi kandi byongere imbaraga ku bagore, urubyiruko ndetse n'abasigajwe inyuma n'amateka mu kwitabira ibikorwa by'iyi gahunda. Ubukangurambaga butanga amakuru ku buringanire (uburenganzira ku butaka, kubona umutungo, no gufata ibyemezo) n'amahirwe y'iyi gahunda mu kwerekana inyungu za buri wese (abagore, abasore/inkumi, abasigajwe inyuma n'amateka) bitabira iyi gahunda hagamijwe kuzamura imibereho yabo.

7. GAHUNDA YO KWITA KU BIDUKIKIJE N'IMIBEREHO MYIZA MU MISHINGA ISHAMIKIYE KU BIKORWA BIGARI

7.1. Isesengura rusange

Gahunda yo kwita ku bidukikije n'imibereho myiza y'umushinga wa GCF isobanura akamaro n'inshingano ndetse n'inzira zo guhangana n'ibibazo ndetse n'ingaruka ku bidukikije n'imibereho myiza, ibyo bikaba birimo, aho bikwiye ibibibazo n'ingaruka byambukiranya imipaka, harimo gusuzuma, imyiteguro, gushyira mu bikorwa ndetse no gukurikirana imishinga ishamikiye ku yindi (Politiki y'ibidukikije n'imibereho myiza yo muri Werurwe 2018). Nubwo isesengura ry'ibanze ku bibazo umushinga ushobora guhura nabyo muri rusange, nkuko bisobanurwa mu isuzuma ku bibazo bashobora kuvuka byagaragajwe mu mbonerahamwe ya 5 kandi bikaba biri mu mujyo umwe n'ibibazo byoroheje mu Cyiciro cya B, iyo ibyo umushinga uzakora byasobanuwe neza mu gihe cy'ishyirwa mu bikorwa, buri mushinga ushamikiyeho ugomba gusesengurwa hashingiwe ku bipimo by'isuzuma byagenwe muri iyi gahunda hanyuma hagashyirwaho ingamba zijyanye nabyo.

Imbonerahamwe ya 9 igaragaza politiki z'ubwirinzi za Banki y'Isi mu kiswe (World Bank ESS Safeguard Policies mu Cyongereza) zigamije gukorwa muri uyu mushinga wa GCF. Hari ubushakashatsi twakoze ku bintu byose bikubiye mu bikorwa nyirizina n'ibindi bikorwa bibishamikiyeho kandi twanifashishije ibyagezweho n'abafatanyabikorwa mu biganiro by'ubujyanama, ibiganiro mu matsinda yihariye, ndetse n'imyiherero yakozwe, nka gihamya y'ingaruka ziterwa n'ibibazo byerekeye ibidukikije n'imibereho myiza. Mu rwego rwo kureba niba umusaruro wari witezwe muri uyu mushinga waragezweho cyangwa niba hari impinduka zabayeho bitewe n'uyu mushinga, hakozwe ubushakashatsi buba kabiri mu mwaka ku bidukikije n'imibereho myiza. Hashingiwe ku isesengura, politiki zose z'ubwirinzi ziri mu bigamijwe mu bikorwa bigari n'ibibishamikiyeho birimo politiki ijyanye n'uburinganire nkuko bisabwa na GCF uretse ku bijyanye na ESS 7 na ESS 8. Ibi bivuze, ingaruka mbi zikomeye zitezwe mu bikorwa bigari n'ibibishamikiyeho zirimo ibibazo birimo nko kudasaranganya inyungu ku buryo bukwiye, aho amatsinda amwe ashobora kubona byinshi ariko andi nk'agizwe n'abagore, urubyiruko, abasigajwe inyuma n'amateka, ndetse n'amatsinda ari mu byiciro bya c,d,e, agahabwa duke, imbaraga zihari zo guhangana n'ubu busumbane hagamijwe gushyiraho uburyo butuma mu kazi himakazwa umwuka mwiza, ibibazo by'ingutu birimo umutekano w'abakozi batera ibiti, abavumvu, abakora Imbabura; ibibazo biterwa n'ibikorwa bijyanye no gutera amashyamba aho bashobora kuba nyirabayazana w'ibyorezo cyangwa indwara zishobora kugira ingaruka mbi ku musaruro ndetse no ku buzima bw'amashyamba, ndetse n'ibibazo bijyanye n'uruhererekane rwo kugurisha ndetse no kugura Imbabura. Kimwe muri ibi gishobora gutuma habaho gukumira kwinjira aho hantu bitewe n'uko wenda abahaturiye hari aho binjira mu buryo butemewe n'amategeko, kandi aho hantu htwikiriwe n' imishurushuru hakaba harangijwe mu rwego rwo gukuraho iyo imishurushuru n'urubobi, mu kubikuraho abantu ntibashobora kugera ku mutungo uba uherereye aho hantu hangijwe. Ibi bibazo byose by'ingutu bishobora gutera ingaruka harimo wenda n'izoroheje kandi hateganyijwe uburyo bunoze bwo kuzigabanya kandi hari n'ingamba ziteganijwe ndetse n'izisanzweho zisobanuye ku buryo burambuye zo kwirinda bene ibyo bibazo ziteganyijwe muri iyi Gahunda y'imicungire y'ibidukikije n'imibereho myiza y'abaturage ikubiyemo gushyiraho uburyo bunonosoye kandi burambuye bwo gusuzuma ingaruka ibi bikorwa bigari n'ibibishamikiyeho bizagira mu gihe cy'imyaka itanu.

Imbonerahamwe ya 9. Ibiteganyijwe mu kurengera ibidukikije n'imibereho myiza

Gahunda z'ubwirinzi ziteganyijwe muri uyu mushinga	Yeg0	Oya	TBD
Gusuzuma no gukemura ibibazo n'ingaruka byerekye ibidukikije n'imibereho myiza Uyu mushinga ukubiyemo ibikorwa bigamije guha imiryango ubushobozi bwo guhangana n'ibibazo by'imihindagurkire y'ikirere yahuye nabyo, binyuze mu bikorwa bijyanye no kubungabunga ubutaka nko gutera ibiti bivangwa n'imyaka ndetse no gushyira imbaraga mu bikorwa bijyanye no gutera ibiti hamwe n'ibikorwa by'ubworozi, mu rwego rwo gushyigikira ku buryo buziguye gahunda yo kurengera ubutaka bwangiritse binyuze mu bikorwa by'ubuvumvu (ubworozi bw'inzuki) no gukora imbabura za rondereza. Ibizakorwa muri uyu mushinga bizatuma hashyirwaho uburyo bwo gusuzuma no kugenzura ibibazo bijyanye n'ibidukikije n'imibereho myiza kugeza umushinga urangiye. Muri ibi harimo bimwe mu bikurikira: a) Ikibazo kijyanye n'uko abantu barebwa n'ibi bikorwa bazanga guhindura imyumvire, kwemera kwakira impinduka cyangwa se kwanga guhuza imyitwarire yabo na gahunda z'umushinga. Urugero, abasuye ahateganyijwe gukorerwa ibikorwa basanzwe hari ikibazo cyo kwanga gukoresha ibikoresha gakondo basanzwe Bihari ndetse banona ko abantu bashaka cyane gukoresha inturusu z'ubwoko bushya. Ugendeye kuri ibi rero, bizaba ngombwa ko muri uyu mushinga hatekerezwa uburyo bwo kwiga ku mahitamo y'ubwoko bw'ibiti ndetse n'ingaruka ayo mahitamo ashobora kugira ku bidukikije n'imibereho myiza. b) ku bijyanye no gutera amashyamba/gusubiza ubuzima amashyamba ndetse n'ibikorwa bijyanye n'ubuhinzi bw'amashyamba, abantu basanzwe batunganya ingemwe z'ibiti ndetse n'abifuza kubikora nibo bazatanga ibiti n'imihurura bizaterwa ahagenwe n'umushinga, hakazishyirwa imbaraga mu guhangana n'indwara cyangwa ibyonnyi mu rwego rwo kwirinda ko byakwanduza ahandi hantu muri ako gace bikaba byatuma habaho ingaruka zikomeye ku mashyamba n'urusobe rw'ibinyabuzima. Abatunganya ingemwe z'ibiti bashobora kandi kongera uburyo bakoreshamo amazi, ibi bikaba byabangamira inyungu z'abandi mu duce baturanye, ibi bibazo nabyo bizitabwaho kandi bishakirwe igisubizo. c) ibikorwa byo gutera ibiti bivangwa n'imyaka bisaba kubanza gutunganya imirima no kubaka amatarasi y'indinganire nabyo bashobora gutera ibibazo, ariko ibyo bibazo byakemurwa. Gukuraho itaka ryo hejuru mu rwego rwo kuringaniza amatarasi bigomba gukoranwa ubwitonzi kuko ifumbire iba iri muri ubwo butaka bwo hejuru ari ingenzi mu buhinzi kandi mu gihe cyo gutunganya amatarasi y'indinganire ubwo butaka bwo hejuru bashobora gutwarwa n'isuri igihe bwaba bushyizwe ku ruhande. Mu gihe rero cyo gutunganya ayo matarasi y'indinganire, gukuraho ubutaka bwo hejuru,	[x]	[ ]	[ ]

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yeg0	Oya	TBD
bishobora gutera isuri no gutenguka kw’imisozi. Ibikorwa byo gutunganya amatarasi bigomba gutegurwa kandi bigakorwa hakurikijwe amabwiriza y’abahanga muri byo (ba injeniyeri babyigiye), naho ubundi byarangira ya matarasi asenyutse. Iyo icyo gikorwa kirangiye, rya taka ryakuwewo risubizwaho kandi rikanongerwa. Uku kongera itaka binajyana no kongera ifumbire mborera cyangwa se ibndi bishobora gukoreshwa mu gufumbira itaka bishobora kuva hanze y’ayo matarasi. Uko gukura ibikoresho byifashishwa mu gufumbira itaka byakuwe hanze gushobora guteza izindi ngaruka/ibibazo mu bantu mu gihe abahinzi baba bagemuye iryo taka ryiza/ifumbire batahawe ingurane ikwiye. Ibindi bibzao bishobora kuvuka niibijyanye no guhitamo ba nyirubutaka bukurwamo ya fumbire ikoreshwa mu gutera ibiti bivangwa n’imyaka/biterwa ku matarasi mu gihe inyungu zitageze ku bantu bose kandi ku buryo bungana. d) Hariho kandi ibibazo ku mibereho myiza biterwa n’imihindagurikire y’ikirere, ariko hari amakuru make ku bijyanye n’uko abaturage bagizweho ingaruka bashobora guhuza imyitwarire yabo n’ibikomoka ku mashyamba ndetse n’ingaruka zikomoka ku mpinduka z’ikirere. Mu rwego rwo gufasha agace kagizweho ingaruka gugangana nazo, uyu mushinga ugomba gusobanukirwa neza n’imyumvire abantu bafite ku ngaruka ziterwa n’imihindagurikire y’ikirere hanyuma bifashishe amakuru baboney mu gukora ubukangurambaga bugamije kugabanya ingaruka bigira ku buzima bw’abantu. Gusobanukirwa neza ibi bintu ndetse n’amakuru azaboneka nibyo bizafasha uyu mushinga kugabanya ibibazo bibangamiye ibidukikije n’imibereho myiza. e) impinduka mu bijyanye n’amashyamba ndetse n’ikirere zishobora kugira ingaruka zitangana ku bantu bazagerwaho n’uyu mushinga. Izi ngaruka zishobora kuba nziza cyangwa mbi. Izi ngaruka mbi nizibanda ku bagore, urubyiruko, abasigajwe inyuma n’amateka, n’abari mu cyiciro cya c,d,e, hazaba hakenewe ko ikibazo cyumviakana neza kandi kigashakirwa umuti. Uko uyu mushinga uzagenda ushyirwa mu bikorwa, hazabaho kwemeza niba inyungu zivuyemo zigomba guhabwa abazikeneye kurusha abandi. Abasuye ahazakorerwa uyu mushinga bagaragaje ko, nubwo uyu mushinga wifuza ko abagore ari bo batera ibiti kandi bikaba ari n’ibyabo, byagaragaye ko abagabo ari bo bazahindukira bakagena ikoreshwa ry’inyungu zizava muri buri giti cyatewe cyangwa basabe abagore kugura ibikoresho byo gutekaho. Ibi byose rero bigomba kwitabwaho no gushakirwa umuti uko uyu mushinga ugenda ushyirwa mu bikorwa. f) Hashingiwe ku mpinduka zijyanye n’ubwoko bw’ubutaka zivugwa mu gace ka 1, ni ngombwa ko hashyirwaho amabwiriza ajyanye no kugena uko abantu bagera muri ubwo butaka. g) uko ibikorwa byo kwimura itaka/kuoyobora amazi mu bikorwa by’umushinga bigenda bikorwa, ni nako hashobora kuvuka indwara/ ibyorezo			

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yeg0	Oya	TBD
bitandukanye. Ibi bikorwa rero bishobora kubangamira ubuzima bwo mu ishyamba. h) kwiyongera kw’ibintu bitwikira amashyamba ndetse no kuba hari ibiti byera imbuto ku butaka bishobora kubangamira imikoranire hagati y’ishyamba n’ibikorwa bya muntu, ibi bikaba byatuma habaho kubura umusaruro ukomoka ku bihingwa cyangwa ibindi bihombo. i) hashingiwe ku byiyongera mu ruhererekane nyongeragaciro ndetse n’ibibazo bijyanye n’ ibikorwa by’imibereho y’abaturage, ibibazo by’ibidukikije byerekeye no guhererekanya ibikomoka ku bikorwa bya buri munsi bibyarira inyungu abaturage bikwiye nabyo gusuzumwa.			
Umurimo n’uburyo akazi gakorwamo Iyi ESS izahabwa imbaraga kuko ku ikubitiro AE/EE izahita iha akazi abantu barenga 6500 bahoraho, abakorera ku masezerano ndetse n’abashinzwe gutanga inama, aba bakozi bakazaba bashinzwe gutanga ubufasha mu gikorwa cyo gutera ibiti no kurandura imishurushuru ndetse n’ibindi bikorwa byo gutera amashyamba ndetse no kongera kurema amashyamba aho yahoze. Abandi ba rwiyemezamirimo bazashaka banakurikirane abakozi bagize amatsinda ibijyanye n’umusaruro, yaba mu karere cyangwa mu gihugu imbere, mu rwego rwo guteza imbere ibikorwa by’imibereho y’abaturage. Ibyinshi muri ibi bikorwa bizakurikiranwa n’abakozi b’umushinga bazaba bahawe akazi binyujijwe kuri rwiyemezamirimo wahawe akazi n’uwatsindiye isoko. Mu bibazo byitezwe twavugamo ibijyanye n’ihohoterwa rishingiye ku gitsina, kubonera inyungu mu mibonano mpuzabitsina, no guhozwa ku nkeke (SEAH) mu gihe cyo gushaka abakozi cyangwa bikaba byakorerwa mu kazi, mu gukoresha abantu ku gahato, gukoresha abana, gukoresha abantu akazi kabashyira mu kaga. Ibi bibazo birimo umutekano w’abakozi barandura imishurushuru ndetse n’abatera ibiti ahantu hahanamye, abakorera ahantu hashobora kwanduza indwara igihe bahagaze mu mazi, mu gitaka cyangwa igihe bari mu bikorwa byo gukora amashyiga, impanuka zishobora guturuka ku mashini zikoreshwa mu gukora amashyiga, kuba barumwa n’inzuki mu bikorwa by’ubuvumvu ndetse n’ibindi byago. Mu rwego rwo kubungabunga umutekano w’abakozi no kuzana umwuka mwiza w’abakozi ndetse no kubungabunga umutekano ku bakozi bose, ba rwiyemezamirimo bahawe akazi n’abatsindiye amasoko bazahabwa amahugurwa ku bijyanye n’amabwiriza ya ESS. Amategeko ndengamyitwarire ndetse n’andi mabwiriza agenga umutekano n’ubwirinzi bw’abakozi bizagarukwaho mu masezerano na ba rwiyemezamirimo. Ibibazo bashobora kuvuka mu gihe abantu bagiye mu kazi hanze nabyo bizashakirwa umuti kandi hazanashyirwaho uburyo bw’ubutabazi bwihuse ku bakozi bagiye mu kazi hanze bizasobanurwa neza ku bakozi bose bakorera mu mashyamba, ahantu hahanamye, cyane cyane igihe abantu barimo gukorera ahantu hitaruye hasa nk’ahari ukwaho. Kubahiriza amabwiriza agenga umurimo bizanakurikizwa ku bakozi bashinzwe gukora amashyiga, abashinzwe gutegura ingemwe	[x]	[ ]	[ ]

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yego	Oya	TBD
zizakoreshwa mu gutera amashyamba no gusubiza ubuzima amashyamba, ndetse nibiba na ngombwa aya mabwiriza azanubahirizwa mu bikorwa by’ubuvumvu ndetse n’ibindi bikorwa bya buri munsi bibyarira inyungu abaturage.			
Gukoresha neza umutungo no kwirinda imyanda ihumanya Imiti yica udukoko n’inyongeramusaruro ishobora gukoreshwa mu gutegura ingemwe. Hazakirwaho uburyo bunoze bwo kugenzura ibikorwa byo gutegura no gutwara amashyiga mu rwego rwo gukoresha neza umutungo no kwirinda ibihumanya. Bitewe n’ubwoko bw’amshyiga ndetse n’akenewe, umushinga ushobora gushyiraho uburyo bwo kugenzura ibintu bihumanya aho batunganyiriza amashyiga. Iyo inyubako zitunganyirizwamo amashyiga ziri mu Isunzu rya Kongo Nili imbere, bizaba ngombwa ko umushinga utekereza ku bijyanye no kugeza aho hantu ibikoresho by’ibanze ndetse no ku buryo bwo kubungabunga imyanda ikomoka kuri ibyo bikorwa. Iyo imirimo ikorerwa hanze, umushinga uziga ku ngaruka zo kuvana ibyakozwe babigeza aho bikenewe ndetse n’ubushobozi busabwa kugira ngo umushinga ugere ku ntego yawo. Ibyibanze muri ibi harimo no gusobanukirwa imyanda irimo gazi karuboniki (CO_2) ituruka mu gutunganya amashyiga no kuyageza aho akenewe. Uburyo bwo kugeza ibyo bicuruzwa ku babikeneye buzanakoreshwa no ku bindi bikorwa bya buri munsi bibyarira inyungu abaturage bikorwa ku bufatanye n’abagenerwabikorwa b’umushinga. Aya makuru yose agomba kuzasobanurwa mu gutegura uyu mushinga cyangwa se mu mwaka wa mbere w’uyu mushinga. Ibijyanye n’isuri ishobora gutwara ubutaka burimo n’ubwo hejuru bwakuweho mu bikorwa byo gutunganya amatarasi no gutunganya ahagomba gukorerwa ibikorwa nabyo bizitabwaho mu rwego rwo gukoresha neza umutungo.	[x]	[ ]	[ ]
Ubuzima, ubwirizi n’umutekano by’abaturage Muri uyu mushinga harimo ibikorwa byinshi bizagirwamo uruhare n’abaturage kandi bashobora no gutera ibibazo. Ibikorwa byo kurima itaka nko mu gihe cyo gutunganya amatarasi no gutera ibiti bashobora kongera ibyago byo kwandura indwara zitandukanye zandura. Gutera amashyamba/gusubiza amashyamba aho yahoze bashobora gutuma hari inyamashwa ziza ahantu hari hasanzwe hatuwe n’abaturage, bityo bikaba byatera ibibazo mu mibanire y’abantu n’ibinyabuzima byo mu ishyamba. Gutera amashyamba/gusubiza amashyamba aho yahoze bashobora gukorerwa ahantu hahanamye, rimwe na rimwe ahantu habaye inkangu ndetse n’ahantu hanyerera kimwe no kubaka ndetse no gutegura ibikoresho byifashishwa mu gukora amashyiga, ibi byose bizasaba ko abantu bahabwa ubumenyi bwihariye bujyanye n’ubwirinzi. Abakora amashyiga bazakenera ibikoresho by’ubwirinzi (ESS 2), ndetse n’ingo zikoresha ayo mashyiga mashya bazakenera guhugurwa ku buryo butekanye bwo kuyakoresha. Uyu mushinga kandi uziga ku bibazo bijyanye no kureba niba ingo zifite ubushobozi bwo gukoresha ikoranabuhanga rishya zishobora guhura n’ibibazo byo kwibwa. Byongeye, ubuvumvu (ubworozi bw’inzuki)	[x]	[ ]	[ ]

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yeg0	Oya	TBD
ni umushinga uteganyijwe, kandi hariho ibibazo by’ubwirinzi bijyanye n’ibyo bikorwa, bityo abantu bose bafite aho bahuriye n’ibyo bikorwa bazahabwa amahugurwa yimbitse ku bijyanye n’ubwirinzi muri ako kazi. Ibikorwa byose biteganyijwe bisaba gukora ingendo no kujya gukorera akazi hanze, ibi bikaba bikorwa n’abakozi b’umushinga, abakozi ba Leta, ba rwiyemezamirimo, ndetse n’abakozi b’Imiryango itari iyaLeta ndetse n’abandi bafatanyabikorwa bakorera hafi aho. Ibi bikorwa byose bisaba amavugurura ahoraho ku mabwiriza y’ubutabazi bwihuse ya ngombwa mu rwego rwa gahunda zo kugabanya ibibazo.			
Kubona ubutaka, ibibujijwe mu ikoreshwa ry’ubutaka, kwimurwa ku gahato Uburyo bwo gushyira ubutaka mu byiciro bashobora gutuma habaho impinduka zishobora kugira ingaruka ku buryo bwo kugera ku mutungo bitewe n’uburyo busanzwe bukoreshwamo, uburyo abantu babutungamo, n’uko babubungabunga mu Isunzu rya Kongo Nili cyane cyane mu bahinzi, abimukira, ndetse n’uburyo bwa gakondo bwo gukoresha ubutaka n’amashyamba. Ibi bashobora guterwa no 1) impinduka mu mabwiriza ajyanye no kubona ubutaka cyangwa se impinduka mu byiciro by’ubutaka (bitewe no gushyiraho amategeko mashya agenga ikoreshwa ry’ubutaka cyagwa gucunga za pariki), ndetse/cyangwa 2) ishyirwa mu bikorwa ritajenjetse ry’amategeko agenga ikoreshwa ry’ubutaka. Ibi byombi tumaze kuvuga bashobora gutuma umuntu atakaza ubutaka (kubona ubutaka ushobora gukoreraho icyo ushaka, inzuri n’amashyamba) ku bantu bari basanzwe babukoresha kuva kera na kare. Ikindi kandi, uyu mushinga ufite gahunda yo gutera ibiti yaba ku butaka bwa Leta cyangwa ubw’abantu ku giti cyabo. Ibi biti bizagerwaho n’abantu batera ibiti cyangwa abandi bantu bitewe n’ibyo abantu bazaba bumvikanyeho. Nihabaho kuganya gutera ibiti by’imbuto cyangwa ibindi bihingwa bitari iby’ingenzi ugereranyije n’inturusu, uyu mushinga uzatekereza ku buryo bwo gufasha imiryango kubona ibyo ikeneye mu gihe ibyo biti bitarakura. Hazashyirwaho uburyo bwo gukumira abantu batemerewe mu gihe uyu mushiga uzaba urimo gushyirwa mu bikorwa mu gihe ibibazo nk’ibyo byavuka.	[]	[ ]	[x]

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yego	Oya	TBD
Kubungabunga urusobe rw'ibinyabuzima no gucunga neza umutungo kamere Iyi ESS ikemura ibibazo umushinga ushobora kugira ku kubungabunga urusobe rw’ibinyabuzima no gucunga neza umutungo kamere. Intego y’uyu mushinga ni ugufasha abaturage guhangana n’imihindagurikire y’ikirere binyuze mu bikorwa birimo nko gutera amashyamba, gusubiza ubuzima amashyamba, no kuzamura imibereho hamwe n’ibikorwa bizagabanya umuvuduko w’umutungo w’amashyamba umaze kugabanuka. Nta mpinduka ziteganyijwe ku hantu hanini hasanzwe hatuye abantu usibye guteza imbere amashyamba karemano. Ibikorwa bigari nibikorwa bito bibishamikiyeho bijyanye no gutera amashyamba/gusubiza ubuzima amashyamba hamwe no gutera ibiti bivangwa n’imyaka bishobora gutuma habaho ibimera bishya (aha twatanga urugero rw’ibiti byimbuto, inturusu) bishobora guterwa kugira ngo bifashe abaturage kubona ibyo bakeneye. Byongeye kandi, umusaruro wavuye muri pepiniyeri ushobora kugira ingaruka ku rusobe rw’ibinyabuzima no gucunga neza umutungo kamere, aho hashobora kuvuka ibibazo by’udukoko twangiza cyangwa / cyangwa udukoko dutera indwara. Ingaruka zo gutera ibiti no guhitamo ibimera bigomba guhingwa kimwe ndetse no kugenzura ko nta dukoko twangiza cyngwa indwara byinjira muri za pepiniyeri biri mu bikorwa bigamije kurengera ibidukikije byateganijwe muri uyu mushinga.	[ ]	[ ]	[X]
Abasigajwe inyuma n’amateka/ Imiryanyo yasigajwe inyuma n’amateka yo muri Afurika yo munsi y’Ubutayu bwa Sahara U Rwanda nk’igihugu gifiteabaturage bahuriye ku muco umwe, ubwoko bumwe, bavuga ururimi rumwe kandi gifite Itegeko Nshinga ryemera ko Abanyarwanda bose bavukana kandi bagakomeza kugira burenganzira n’ubwisanzure bingana (ingingo ya 16 y’Itegeko Nshinga ry’u Rwanda, 2015), usanga abasangwabutaka bo atari uku bafatwa. Ibyo bivuze ko hari ibyiciro by’abantu byasigajwe inyuma n'amateka kimwe n'ibyiciro c, d, e, ibi byiciro rero akaba aribyo bizibandwaho muri uyu mushinga wa GCF aho ufasha abantu ugendeye ku kuba bari mu byiciro bifite imibereho itandukanye n’iyo abandi baba muri sosiyete imwe babayeho, abo bantu bakaba bafite umuco n'ururimi ndetse n'ibindi bibaranga byihariye. Kugeza ubu ibyo bibaranga byihariye ntibiragaragara, ariko uko hazagenda hatoranywa aho ibikorwa bizakorerwa, hazakorwa igenzura kugira ngo hasuzumwe niba abasigajwe inyuma n’amateka n’abantu bari n’ibyiciro c, d, e, bafite ibibaranga byihariye. Hazakorwa irindi genamigambi mu rwego rwo gushakisha abantu bari mu byiciro byihariye n’aho baherereye aho uyu mushinga ukorera. Hamwe n’izo ngambo zose zafashwe, uyu umushinga urateganya gukoresha uburyo bunoze busanzwe bukoreshwa n’abafatanyabikorwa kandi uzashyira imbere inzira z’ubwumvikane n’abaturage ndetse no gutanga uburyo bwo gukemura ibibazo mu gihe hari ibibazo bivutse mu mushinga.	[ ]	[ ]	[x]
Umurage ndangamuco Igikorwa giteganyijwe cyo gutera amashyamba muri uyu mushinga kizakorewa	[ ]	[ ]	[x]

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yego	Oya	TBD
ahantu hahanamye mu misozi. Ahenshi muri utwo duce ntihatuye abantu. Nta gahunda ihari yo gukora ibikorwa bibangamira ahantu hari ibikorwa bizingatiye umuco. Buri gihe biba bishoboka ko wahura n’ahantu hari ibikorwa bizingatiye umuco mu gihe cyo gushyira mubikorwa umushinga, tuzasobanura mu buryo bwimbitse uburyo bwo kubungabunga bene ibyo bikorwa ndangamuco igihe bigaragaye.			
Abahuza mu by'imari Mu kwakira amafaranga aturuka muri GCF, AE na EE bazakora nk'umuhuza w’imari w’umushinga dore ko ibikorwa bimwe na bimwe by’uyu mushinga bizakorwa mu buryo butaziguye na AE na EE, kandi hazabaho amasezereano na ba rwiyemezamirimo n’indi miryango itegamiye kuri Leta ku ikorwa bimwe na bimwe by’umishinga. Ibikorwa nk’ibi bizashyirwa mu bikorwa n’abamaze kuvugwa ruguru, hazakenerwa isuzumwa ry’ibibazo bashobora kubangamira ibidukikije n’imibereho myiza. Mu gihe ibyinshi muri ibyo bikorwa bigari n’ibikorwa bibishamikiyeho muri uyu mushinga byasobanuwe, rwiyemezamirimo ku gikorwa runaka azakorerwa isuzuma kugira ngo harebwe niba yubahiriza amabwiriza ya Leta, aya GCF cyangwa andi mabwiriza mpuzamahanga yo kurengera ibidukikije ndetse n’imibereho myiza.	[X]	[ ]	[ ]
Uruhare rw’abafatanyabikorwa Imiterere y’uyu mushinga uteganyijwe isaba uruhare rukomeye rw’abafatanyabikorwa kugira ngo uyu mushinga ushobore gushyirwa mu bikorwa. Hakwiye gushyirwaho gahunda inoze yo kugena uruhare rw’abafatanyabikorwa kimwe n’uburyo busobanutse bwo gukemura ibibazo bashobora kuvuka mu mishinga yose iteganyijwe. Reba igice cya 10.9 muri uyu mugereka ku byerekeye uburyo bwo gukemura ibibazo hamwe n’igice cya 12 ku birebana n’uruhare rw’abafatanyabikorwa hamwe n’ibisobanuro birambuye biri ku mugereka wa 7 ku byerekeye ibiteganyijwe. Uburyo bwo kwegera abafatanyabikorwa n’uruhare rwabo muri uyu mushinga burenze uburyo bukoreshwa mu rwego mpuzamahanga kuko hano hakoreshwa uburyo bwo kuganira n’abaturage kugeza bemeye ko ibikorwa bikorwa, kandi bigakorwa ku baturage bose hatitatwe ku byiciro byabo.	[X]	[ ]	[ ]
Politiki y'Uburinganire muri GCF Umugereka wa 8 ukubiyemo ibisobanuro birambuye ku isesengura ry’uburinganire ndetse n’uruhare rw’urubyiruko muri uyu mushinga ndetse n’ibibazo bishamikiyeho biterwa n’ihohoterwa rishingiye ku gitsina. Hashingiwe ku makuru yatanzwe n’abasuye ahazakorerwa ibikorwa, byagaragaye ko hari ivangura rishingiye ku gitsina ku bijyanye no kugenzura umusaruro n’inyungu bikomoka ku biti byatewe. Nubwo bigaragara ko ari politiki ya Leta, amakuru aturuka mu baturage agaragaraza ku bikorwa by’ubutaka ko umugore atera igiti, ariko icyo giti kikaba ari icy’umugabo kandi akaba ari we ugena uburyo bwo kugicunga, kandi akaba ari nawe ubona inyungu ziva mu gusarura cya giti cyatewe n’umugore. Ibi kandi ni nako bimeze ku matungo n'ibihingwa ngengabukungu. Abagore bashobora gusa kubona amafaranga mu gihe gahunda ikorwa mu rwego rwa koperative cyangwa hakaba hariho kugabana ku buryo bugaragara umusaruro ukomoka ku butaka (ni ukuvuga, guhezwa ku musaruro ukomoka ku buhinzi cyangwa se agahezwa gusa	[X]	[ ]	[ ]

Gahunda z’ubwirinzi ziteganyijwe muri uyu mushinga	Yego	Oya	TBD
ku bijyanye n’ubworozi). Mu gihe rero umugore yaba adatejwe imbere muri izi gahunda, cyangwa ngo ahabwe amahirwe yo kuzibonamo byazatuma habaho ubusumbane igihe haba hari ikibazo cy’ihohoterwa rishingiye ku gitsina (SEAH). Abagore kandi nta mahirwe bahabwa mu bikorwa by’ubuvumvu bitewe n’umuco gakondo. Icya mbere, abagore bagomba kubanza kwemerewa n’abagabo babo kujya muri bene ibyo bikorwa. Icya kabiri, kwambara ipantaro ntibyemewe bityo bigatuma abagore bakunda kurwara. Byongeye kandi, niba amakoperative ari bwo buryo butoranyijwemo, umushinga uzakenera gusuzuma uko abagore nabo babona amafaranga yo gushora imari muri rusange muri koperative. Imiterere ya koperative iyo ari yo yose izakenera gutekereza ku bagore n’abagore bahejejwe inyuma. Amakuru aturuka aho ibikorwa bizakorerwa agaragaza ko abagore ari bo bakunda kwitabira imirimo yo gukora no gutunganya amashyiga kurenza abagabo, gusa nyine usanga abagabo bagenda biguru ntege mu kwishyura ayo mashyiga, bikaba rero bisaba ko abagore baba bafite udufaranga two ku ruhande. Ikigaragara kandi gikwiye kongera gusuzumwa mu turere twihariye, umubare munini w’abagore bakoreshwa mu bikorwa by’ubuhinzi n’amashyamba ugereranije n’abagabo, ibi bishobora kwerekana ko ingaruka mbi ziterwa n’imihindagurikire y’ikirere zishobora kugira ingaruka ku bagore kurusha abagabo. Mu bice byose bigize umushinga, ni ngombwa ko ibibazo by’uburinganire byakemurwa hakurikijwe ibyavuye mu isesengura n’isuzuma ku bijyanye n’uburinganire (Umugereka wa 8). Ihame ry'uburinganire ni ikintu cy’ingenzi kigomba kwibandwaho kugira ngo uyu mushinga ubashe kugera ku musaruro wiyemeje, bityo rero, ibikorwa byose by’umishinga byateganijwe bigomba kubahiriza politiki y’uburinganire yashyizweho na GCF.			

8. IGISOBANURO CY'IGIKORWA GISHAMIKIYE KU KINDI/IGIKORWA

8.1 Igisobanuro cy'umushinga ushamikiye ku wundi/ Kimwe mu bigize umushinga

Umushinga ushamikiye ku wundi ukubiyemo ikintu icyo ari cyo cyose kigize igikorwa cyangwa ihuriro ry'ibikorwa byose bigize umushinga mugari bishyirwa mu bikorwa hagamijwe kugera ku ntego zavuzwe haruguru. Imishinga ishamikiye ku yindi ishobora gusobanurwa neza kandi ibiyigize byihariye byasobanurwa neza mu gihe cyo gushyira umushinga mu bikorwa. Hashingiwe ku bikorwa byateganyijwe ubu, turatekereza ko hazabaho ESIA/ESMP yihariye kuri buri mishinga ikurikira/ ibikorwa bibumbiye hamwe bikurikira. Ibi bishobora guhindurwa mu gihe umushinga urimo gushyirwa mu bikorwa.

1. Guteza imbere gahunda y'ikoreshwa ry'ubutaka: 1.1.2. Gushyiraho gahunda y'ikoreshwa ry'ubutaka ijyanye no guhangana n'imihindagurikire y'ikirere na 2.2.1. kubungabunga ahantu kemere hatari muri gahunda y'ibikorwa by'umushinga (PAs)
2. Gutera amashyamba/gusubiza ubuzima amashyamba: 2.2.2. Gusubiza ubuzima amashyamba ya kimeza atari muri gahunda y'ibikorwa by'umushinga harimo no kuyobora imigezi 2.2.3. Gushishikariza abantu gutera ibiti bivangwa n'imyaka, bakoresha ibiti bya kimeza byo mu rwuri rwa Giswati uhereye ahari amabuye menshi, 3.3.1. kongera gutera ibiti ahantu hahanamye mu rwego rwo kurema amashyamba y'ubwirinzi.
3. Gutera ibiti bivangwa n'imyaka: 3.1.2. Guteza imbere igikorwa cyo gutera ibiti bivangwa n'imyaka bikungahaye ku bitera imbaraga ndetsebn'ibiti bya kimeza, 3.2.1. Guteza imbere iterwa ry'ibiti bivangwa n'imyaka hagamijwe kugeza umusaruro ku masoko, 3.2.2. Korohereza, kongerera ubushobozi, kongerera agaciro no kumenyekanisha ibihingwa bishobora guhangana n'imihindagurikire y'ikirere byatoranyijwe no, 3.2.3. Korohereza abahinzi batishoboye kugura ibyo bakeneye no kugurisha ku masoko ibyo bejeje.
4. Amashyiga: 3.2.4. Kongera ibikorwa byo kwamamaza, kongera umusaruro, kongera ibijyanwa ku masoko, no gukoresha amashyiga adasaba amavuta (lisansi) menshi.
5. Uburyo bwo gutera inkunga: 3.3.2. Gushyiraho no gufasha amatsinda yo kubitsa no kugurizanya, kongera umutungo no 3.3.3. kongerera ubushobozi ibigo by'imari mu rwego rwo gufasha imiryango irebwa n'umushinga

GCF isaba ko icyiciro cy'umushinga bigaraga ko aricyo gifite ibyago byinshi gizafatwa nk'aho ari cyo cyiciro cy'ibyago mu mu mushinga wose. GCF izakenera abahuza, ubu akaba ari PMU izabikora, bazayifasha gukurikirana ingaruka z'ibidukikije n'imibereho ijyanye n'ibikorwa birimo gukorwa. Muri uru rwego, abahuza bazasuzuma imishinga yose n'ibikorwa biyigize, bagaragaze aho babona ibigo na GCF bishobora guhura n'imbogamizi nyinshi, hanyuma batange inama ku cyakorwa, harimo gushyiraho no gushyira mu bikorwa gahunda ihari yo kubungabunga ibidukikije n'imibereho myiza mu rwego rwo gutahura no guhangana n'izo mbogamizi. Mu gihe imbogamizi zagagragajwe binyuze mu bajyanama, ibindi byiciro by'umushinga nabyo bishobora kuvugururwa mu rwego rwo kubahiriza ibisubizo byatanzwe.

8.2 Ibisabwa na ESIA no gutanga amakuru

Gutanga amakuru ajyanye n'mushinga bifasha umushinga wagizweho ingaruka ndetse n'abandi bafatanyabikorwa kumva ibyago bihari, ingaruka n'amahirwe umushinga ufite. AE / EE izafasha abantu bagizweho ingaruka n'umushinga hamwe n'abandi bafatanyabikorwa kubona amakuru ajyanye na: (i) intego, imiterere, nubunini bw'umushinga na buri mushinga uwushamikiyeho; (ii) igihe umushinga uzamara n'ibikorwa bito biteganyijwe; (iii) ibibazo byose abo baturage bashobora guhura nabyo n'ingamba zo guhangana nabyo (iv) Uburyo abafatanyabikorwa bazabigiramo uruhare ndetse (v)

n’uburyo bwo kumenyekanisha ibyo umuntu atishimiye. Bitewe n’ingano y’umushinga/imishinga mito iwushamikiyeho n’ubukana bw’ibibazo n’ingaruka bighari, hari inyandiko zizashyirwa hanze zivuga uburyo uruhare rw’abafatanyabikorwa rushobora no kugera kuri gahunda zose zijyanye no gusuzuma ibijyanye n’ibidukikije n’imibereho myiza ndetse na za gahunda z’ibikorwa (i.e. Gahunda ijyanye n’uruhare rw’abafatanyabikorwa, gahunda zijyanye no kwimura abantu ku bushake, gahunda zijyanye n’ubutabazi, gahunda zijyanye n’ubuzima n’umutekano by’abaturage, inzira ibintu binyuramo, gahunda zijyanye n’abasigajwe inyuma n’amateka, n’ibindi), izi nyandiko zikaba zizaba zikubiyemo amakuru muri make yoroshye kumva ibijyanye n’ibintu by’iingenzi n’ibyo abantu biyemeje. Izi nyandiko zishobora kandi kuba zirimo politiki ya AEs y’ibidukikije n’imibereho myiza hamwe n’izindi ngamba zose n’ibikorwa zisobanutse kandi zinoze. Gutanga amakuru kandi bikubiyemo gutanga raporo ku bantu bagizweho ingaruka n’umushinga n’abandi bafatanyabikorwa bireba.

Urutonde ntakuka

Muri uyu mushinga hagomba kwirindwa ibikorwa:

1. Binyuranyije n’amasezerano mpuzamahanga n’ayo mu karere ku bibazo by’ibidukikije;
2. Bigamije gushyiraho cyangwa gutuma habaho iyangirika rikomeye no / cyangwa kugira impinduka ku hantu hari ibintu by’ubwoko butandukanye (amashyamba, ibishanga, ibyatsi, ibinyabuzima byo ku nkombe z’amazi/inyanja, nibindi) harimo n’ibikomye hakurikijwe amategeko, ibyasabiwe kurindwa mu buryo bwemewe n’amategeko, ibyo abayobozi bemeje ko bigomba gusigasirwa ku buryo bwihariye, ibizwi ko byihariwe n’abasigajwe inyuma n’amateka cyangwa abandi bantu batuye aho hantu, cyangwa ibintu bifite ingaruka mbi ku bukungu, imibereho myiza n’umuco bidashobora utabona uko uhunga agaciro kabyo, bidashobora koroshywa, kugabanywa, no / cyangwa gukuraho;
3. Bishobora guhungabanya ahantu hari abantu n’ibintu bitandukanye hari mu kaga, harimo amashyamba arimo ibintu Kamere by’ingenzi, harimo ibiijyanye no kubona ibintu bikomoka ku mutungo Kamere, uretse ibishobora kugira ingaruka mbi ku kigero runaka gito biturutse ku bikorwa byo kubungabunga ibintu bigamije ku guha agaciro urusobe rw’ibinyabuzima bifitanye isano n’ahantu hatuwe kandi h’ingenzi.
4. Bigamije kubona umusaruro mu buryo bubi umutungo kamere -inyamaswa, ibimera, ibiti na / cyangwa ibikomoka ku mashyamba bitari ibiti (NTFP) - cyangwa gutera amashyamba ahantu hatuwe hafite ibibazo;
5. Bigamije kuzana ibindi bintu bishobora kwangiza no konona ibidukikije, keretse habaye hari uburyo bwo kubuza ko ibyo byabaho;
6. Bigamije kwimura abaturage ku gahato, kubanyaga ubutaka ku ngufu, no/cyangwa kubamura icumbi, umutungo kamere se cyangwa kubambura undi mutungo uwo ariwo wose, ukoresheje igitugu cyangwa ubundi bubasha;
7. Binyuranyije n’amasezerano mpuzamahanga cyangwa yo mu karere ku burenganzira bwa muntu, harimo uburenganzira bwihariye ku bantu basigajwe inyuma n’amateka cyangwa ibindi byiciro byihariye by’abantu;
8. Biifasha abantu baturutse hanze kubyaza umusaruro no kubona ubutaka basanzwe bukoreshwa n’abasigaajwe inyuma n’amateka hagamijwe kubaheza ku bushake no kubabuza itumanaho ry’ibanze;
9. Bituma habaho gukoresha no/cyangwa kugura ibikoresho bitemewe n’amategeko y’igihugu cyangwa amabwiriza cyangwa se Amasezerano mpuzamahanga cyangwa se ibikoresho byaciwe mu bihugu bitandukanye cyangwa byahagaritswe, birimo: a. ibyangiza akayunguruzo k’ubushyuhe kazwi nka Ozone mu ndimi z’amahanga, ibintu bihumanya (PCBs) n’ibindi bikoresho runaka, imiti yangiza, imiti yica udukoko/ihumanya ibimera cyangwa indi miti; b. ibikomoka ku Nyamaswa bigengwa n’amasezerano ku bucuruzi mpuzamahanga ku

binyabuzima biri mu kaga cyangwa inyamaswa n'ibimera byo mu mashyamba (CITES);

10. Bituma habaho ikoreshwa cyangwa igurwa ry'imiti yica udukoko n'ibikoresho byangiza bitemewe n'amategeko y'igihugu cyangwa mpuzamahanga, ibikorwa bitera imyanda n'ibibyara ibyuka bihumanya ikirere;
11. Bituma ibintu bidasimburwa kandi by'ingenzi bibumbatiye umurage w'umuco bikurwaho, bihindurwa cyangwa bibangamirwa, cyangwa gukoresha ibintu bidafatika bigize umuco nta ruhushya, utabanje kubiganiraho n'abaturage bireba ngo bakwemerere kubikoresha;
12. Ibikorwa birimo gukoresha abantu ku gahato, gucuruza abantu, no gukoresha abana imirimo ivunanye. Gukoresha abana imirimo ivunanye bikubiyemo (i) gukoresha abana batarageza imyaka no (ii) kubakoresha imirimo ishobora gushyira ubuzima bwabo mu kaga, ituma batajya ku ishuri cyangwa ishobora kwangiza ubuzima bwabo, umubiri wabo, uko batekereza, imyemerere yabo, ibyumviro byabo cyangwa gukura kwabo mu mibanire n'abandi;
13. Ibikorwa birimo gutegura no kubaka ibyobo bifata amazi bishya cyangwa kuvugurura ibyobo bifata amazi bisanzweho cyangwa gutera inkunga ibikorwa by'ubuhinzi n'ibikorwa byo gutunganya amazi byifashisha ku kigero cyo hejuru ibyobo bifata amazi bikaba byagira ingaruka kuri ibyo bikorwa.

9. ZIMWE MU NGARUKA KU BIDUKIKIJE N'IMIBEREHO MYIZA NDETSE N'INGAMBA ZISHOBOKA ZO GUHANGANA NAZO

Iki gice gikubiyemo ubusesenguzi kuri zimwe mu ngaruka ku bidukikije n'imibereho myiza mu *gufasha imiryango itishoboye guhangana n'imihindagurikre y'ikirere mu Rwanda mu karere gaherereye mu Isunzu rya Kongo Nili binyuze mu bikorwa byo kongera gutera amashyamba no gusubiza ubuzima ayari asanzweho*, Umushinga ugamije gufasha imiryango itishoboye iherereye mu Isunzu rya Congo Nili guhangana n'imihindagurikire y'ikirere binyuze mu kongerera ubutaka ubushobozi no kububungabunga haterwa amashyamba kandi n'ahangiritse hakongera hagatunganywa ndetse no kugabanya ikoreshwa ry'inkwi mu guteka.

Umushinga watekerejwe uzakorwa mu gihe runaka hashingiwe ku muvuduko w'ubwiyongere bw'abaturage ugira ingaruka ku mashyamba, umutungo ukomoka ku butaka n'imicungire y'ubutaka, aho usanga umutungo n'imibereho by'imiryango itishoboye yazahajwe n'ubukene nyamara mu gihugu uko igihugu gitera imbere mu bukungu bitanga amahirwe yo gushyiraho ingamba zo guhanga udushya ku bantu baherereye mu Isunzu rya Congo Nili, kandi amakuru ajyanye n'ibidukikje n'ikirere agaragaza ko hagize igikorwa ubu byatanga umusaruro mu gihe kirambye ku mutungo Kamere n'uburyo bwo gucunga no kubungabunga ubutaka mu Rwanda. Ibi bishatse kuvuga ko, umushinga munini uwo ari wo wose ushobora kugira ibibazo utera hamwe n'ingaruka ku bidukikije n'imibereho myiza, btyo rero iyi nyandiko ikaba ikubiyemo amakuru ajyanye na gahunda zo guhangana n'ibyo bibazo bishobora kuvuka ku bidukikje n'imibereho myiza.

Zimwe mu ngaruka mbi zishobora guturuka ku bikorwa by'uyu mushinga ndetse n'ibindi bikorwa biwushamikiyeho twavugamo ibi bikurikira:

- Gusaranganya ku buryo busumbana inyungu zavuyemo
- Ikibazo cy'ihohoterwa rishingiye ku gitsina;
- Ibibazo bijyanye n'umurimo, uburyo bw'imikorere, ubuzima n'umutekano by'abaturage;
- Kwaduka k'udukoko n'ibindi bintu byangiza ingemwe zatewe;
- Amazi yakoreshejwe muri za pepiniyeri yaturutse ahantu hakorerwa ibindi bintu;

- Gukoresha imiti yica udukoko n'inyongeramusaruro mu gukora ingemwe;
- Iyangirika ry'ubutaka n'ibibazo by'isuri mu gihe cyo gutunganya no kubaka amaterasi;
- Gushyira ubutaka mu byiciro bikagira ingaruka ku bashaka kugera ku mutungo ndetse hagashyirwaho n'amabwiriza akumira;
- Ibibazo by'indwara zitandukanye;
- Ibibazo bikomeye bituma umubano w'abantu n'ibinyabuzimabyo mu ishyamba utamera neza;
- Ibibazo bijyanye n'ibidukikije bifitanye isano n'inzira zo kugeza umusaruro ku bawukeneye

Ikindi kandi, hashobora kubaho ibibazo ko gutera ibiti bizagabanya cyane ubutaka basanzwe bukoreshwa n'abahinzi n'aborozi bacirirtse kandi ibi bikarushaho guteza ibibazo hagati y'abaturage bo mu cyaro batishoboye n'amashyamba akomye n'adakomye. Izindi ngaruka zishobora kumenyekana mu gihe cyo gukora isuzuma ku bijyanye n'ibidukikije n'imibereho myiza mu gihe cyo gushyira mu bikorwa uyu umushinga.

Mu bintu byiza uyu mushinga uzazana harimo gufasha abaturage kugabanya gukoresha ibintu bituma habaho ibyuka bya karuboni bagabanya ibintu bizana ibyuka bihumanya ikirere bigatera ubushyuhe (ni ukuvuga, gusigasira ibiti Kamere, kongerera ubutaka karuboni ya Kamere, gukora ubuhinzi bw'ibihingwa bishibuka); kubungabunga ubutaka n'umutungo Kamere urimo ibinyabuzima byo mu ishyamba bifite uruhare runini mu gukurura ba mukerarugendo, gukoresha za rondereza mu rwego rwo kugabanya ikoreshwa ry'inkwi no gutema amashyamba; guteza imbere gahunda zo kubungabunga urusobe rw'ibinyabuzima brimo nko kumenya ko amashyamba afata amazi n'urume mu gihe kirekire bigatuma ahantu hahanamye hatekana.

Ingaruka mbi zimaze kugaragara kugeza ubu bigaragara ko atari nyinshi kandi hafashwe ingamba z'ubwirinzi zisobanurwa muri iyi gahunda yo kubungabunga ibidukikije n'imibereho myiza. Ingamba zafashwe zijyanye n'amategeko y'u Rwanda, politiki n'ibikorwa bya GCF na EE. Mu ngamba zafashwe twavugamo: uruhare rw'abafatanyabikorwa, kubaha ijambo, gutanga amahugurwa ku ihoterwa rishingiye ku gitsina, gushyiraho uburyo bwo kumenyekanisha ibyo umuntu atishimiye, kubahiriza amategeko yerekeye umurimo n'umutekano yashyizweho n'ibiga bitatu byose byubahiriza amabwiriza mpuzamahanga anoze, gutanga amahugurwa ku guhangana n'udukoko n'ibindi bintu byangiza, gukurikirana ibikorwa by'ihererekanywa ry'umusaruro, ndetse no kwimenyereza kugabanya imiti no kubanya ibintu bitera imyanda irimo na karuboni (imyuka ihumanya).

Niba amakuru ahari cyangwa hari ibyakozwe hadshingiwe ku byo u rwanda rwiyemeje (NDC) mu Muryango w'Abibumbye, muri uyu mushinga hashobora gukurikizwa ingamba zo guhangana n'ibibazo zikurikira: gucuruza ibice/ bimwe mu bigize karuboni hanyuma amafaranga avuyemo akagarukira abaturage bo mu cyaro bene ubutaka n'umutungo; gushyiraho ubundi buryo bwo korora habaho gushumbushwa, guhinga ibihingwa bishibuka (ubuhinzi bwisubiramo) aha ni ukuvuga kongera imirima isanzwe ubutaka bwayo, ndetse no gushaka andi mahirwe arimo kubungabunga urusobe rw'ibinyabuzima hakoreshwa za rondereza, gukora ubushakashatsi ku binyabuzima muri gahunda kubungabunga ubutaka haterwa mashyamba no gutunganya ubutaka ndetse no kugabanya ikoreshwa ry'inkwi.

Amakuru arambuye ku ngaruka z'uyu mushinga ku bidukikije n'imibereho myiza ndetse n'ingamba zafashwe muri uyu mushinga asobanurwa neza mu mbonerahamwe ya 7. Uko izo ngamba zashyirwa mu bikorwa biri kumwe n' uruhare mu ishyirwa mu bikorwa ry'umushinga, igihe uzamara n'ingengo y'imari ikenewe. Harateganywa gukoreshwa amadolari ya Amerika $778,652 mu guhangana n'ibibazo bibangamiye ibidukikije n'imibereho myiza.

Imbonerahamwe ya 10. Ibibazo by'ingutu ku bidukikije n'imibereho myiza, ingamba zo guhangana nazo n'ishyirwa mu bikorwa byazo.

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
1.1Igishushanyo mbonera cy'imikoreshereze y'ubutaka cyarateguwe kandi bikorwa hagamijwe guhangana n'ingaruka z'imihindagurikire y'ikirere ku mibereho y' abaturage & amashyamba urusobe rw'ibinyabuzima, kandi hagendewe ku murongo w'ingamba zafashwe n'Akarere	Kutagisha inama abafatanyabikorwa bishobora kugira ingaruka mbi ku mibereho myiza cyane cyane ku bantu bari mu byiciro bizibandwaho birimo abagore, urubyiruko, abasigajwe inyuma n'amateka, hamwe n'abaturage bari mu byiciro bya c, d, e. Iyo amahugurwa hari abo aheza cyangwa se agatangwa mu buryo abantu bakuze bafite amateka atandukanye batisangamo, umushinga ushobora guhura n'ikibazo cyo kudahuza ibitekerezo by'abaturage bose, ibitekerezo byafasha umushinga. Hashobora kuvuka ingaruka mbi mu gihe ibibazo bijyanye n'imihindagurikre y'ikirere ku byiciro by'abantu batishoboye	Gahunda y'uruhare rw'abafatanyabikorwa Uburyo bwo kugaragaza ibyo umuntu atishimiye Dufite urutonde rwuzuye rw'abafatanyabikorwa kandi tuzakomeza kongeramo n'abandi bantu ku giti cyabo /amatsinda/imiryango tutarashyiramo Kugisha inama abafatanyabikorwa bituma bituma abaturage bagira uruhare mu bibakorerwa, ni muri urwo rwego ibitekerezo by'abagore n'imiryango itishoboye nabyo bizakenerwa. Dufite gahunda yo gushaka abakozi bashinzwe gukurikirana uruhare rw'abaturage aho inshingano yabo azaba ari kugenzura ko nta bantu bahejwe mu bikorwa by'uyu mushinga no kuvugana n'abaturage cyane cyane abagore, urubyiruko, abasigajwe inyuma n'amateka n'abandi bari mu byiciro bya c, d, e hagamijwe kureba niba koko basobanuriwe neza ku rwego rwabo.	Abakozi bazashakisha mu buryo bunoze amatsinda y'abantu batagira kivugira bafashwa n'abafatanyabikorwa bo mu gace batuyemo, abo rero nabo tuzabinjiza mu mushinga dukoresheje ururimi bavuga n'amagambo bumva neza. Ibi biragaragara ko bishoboka cyane urebye uruhare abafatanyabikorwa babifitemo cyane cyane uruhare rwa Leta muri uyu mushinga. Igikorwa nk'iki rero kizafasha umushinga kugera ku ntego yawo ku buryo burambye.	Inshingano y'abakozi ba AE na EE ni ugukomeza gushaka abafatanyabikorwa bifuza kugira uruhare mu biganiro no gutanga ibitekerezo bishobora kugezwa ku bandi. Muri uru rwego, barasabwa kwita ku bikenerwa n' abagore, urubyiruko, abasigajwe inyuma n'amateka, hamwe n'abaturage bari mu byiciro bya c, d, e. Umukozi ku mwanya mushya w'inzobere gutuma abaturage bagira uruhare mu bibakorerwa (CES) kuri bur gace karimo ishyamba, abakozi bashobora kuziyongera bakagera kuri 2 kuri buri shyamba, bizafasha kumenya	Ku byerekeye igihe umushinga uzamara, umwaka wa mbere hazagaragaza uburyo umushinga ufite akamaro, ukenewe kandi ko ibyiciro byose bishobora kwinjizwa mu mushinga nta guheza igihe cyose umushinga uzamara. Inzira zose za GRM, FPIC zizashirwaho kandi zitangarizwe abakozi n'abafatanya bikorwa bose mu mezi atandatu ya	$271,152

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	bititaweho. Guheza bimwe muri gahunda zijyanye n'ibyo abantu bakenera mu buzima bwabo. Guhindura icyo ubutaka bwagenewe kukorerwaho bishobora gutuma abaturage batabasha kubona umutungo Ibikorwa bya buri munsi bibyarira inyungu abafite ubutaka si ikintu cy'ibanze ku byiciro birimo abagore, urubyiruko, abasigajwe inyuma n'amateka, n'abandi bari mu byicoro bya c, d, e. Inyungu zabonetse mu bikorwa by'imibereho y'abaturage zishobora kwiharirwa n'abantu bamwe.	Umushinga wose muri rusange ugamije guhriza hamwe abafatanyabikorwa nta n'umwe uhejwe		amatsinda y'abantu batagira kivugira.	mbere y'umushinga. Buri mwaka hazajya hategurwa amahugurwa yo kwiyibutsa ibijyanye n'izingingo igihe bizaba ari ngombwa.	
1.2	Kunanirwa gutanga	Guhugura abakozi bose	Abakozi bakwiye	AE izirengera ibintu	Umwaka wa	$43,526

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
Ubushobozi bw'inzego z'ibanze n'izo ku rwego rw'igihugu bwarongerewe bijyanye no gufasha urusobe rw'ibinyabuzima guhangana n'imihindagurikire y'ikirere muri gahunda yo gukoresha neza no gucunga ubutaka.	amahugurwa hakoreshejwe tekiniki zidaheza mu gushyiramo igenamigambi ry'ahantu runaka bishobora gutuma habaho ibibazo byo kudasaranganya umutungo ku buryo bungana ku bantu bose.	bashinzwe gutunganya ahantu hagamije kubafasha gusobanukirwa no kubereka ingaruka zihari z'imihindagurikire y'ikirere ku bantu basigajwe inyuma n'amateka ndetse n'abari mu byiciro bya c, d, e.	amahugurwa ku bijyanye n'ibibazo byihariye ku baturage batishoboye.	byose bijyanye n'aya mahugurwa.	1	
2.1 PA icunzwe ku buryo bunoze igabanya ibyago biterwa n'imihindagurikire y'ikirere & no guhangana nabyo	Gusaranganya nabi inyungu zabonetse bituma hari imiryango igira amahirwe menshi kurusha iyindi. Iyo ibintu bicunzwe neza, bituma imibanire hagati y'abantu n'ibinyabuzima byo mu ishyamba irushaho kumera	Guhugura ibindi byiciro bishya kuri buri Pariki y'igihugu mu rwego rwo kubungabunga imibereho myiza harimo GRM, guha abaturage ijambo, amabwiriza ajyanye no gukumira ndetse no kutagira abantu bahezwa muri gahunda y'ikoreshwa ry'ubutaka ya CND n'ihohoterwa rishingiye ku gitsina (SEAH).	Urebye imikoranire ihari ya hafi na Leta bizoroha gusobanura imishinga irimo gukorera mu karere ndetse n'uburyo inyungu zavuye mu mishinga yabanje yasranganyijwe. Ibi kubishyira mu	Abakozi ba AE na EE bazakemura ibibazo bijyanye n'ibyo abagore bakeneye, bashyireho uburyo bwo kugera ku masoko, banakore ubukangurambaga bugenewe abagabo. Abakozi ku	Umwaka wa 1 Igihe umushinga uzamara	$87,430

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	neza. Uburyo bunoze bwo gushyira mu bikorwa amabwiriza ajyanye no kubungabunga ibyanya bikomye hagamijwe kwirinda kubangamira abahaturiye n'abahakorera ibikorwa by'ubuhinzi.		bikorwa birashoboka cyane mu gihe hari ubushake bwa Leta n' Imiryango itari iya Leta bwo gukora mu buryo bw'iya kure, ahantu hatari abantu benshi, uduce tw'igihugu, ubukanguramba ga bukorewe mu miryango buzafasha mu guhindura imyumvire ku buryo burambye , hibandwa ku gusesengura amasoko n'ubukungu bizongera amahirwe yo kubona amasoko atuma habaho kubyaza inyungu ibikomoka ku buki.	mwanya mushya w'inzobere gutuma abaturage bagira uruhare mu bibakorerwa (CES), kuva ku mukozi 1 kugera kuri 2 kuri buri shyamba bizoroshya guhura n'abantu ndetse no kubagezaho ubutumwa bw'ingenzi. Umuhuzabikorwa w'umurimo n'ubwirinzi azakurikirana ubryo akazi gakorwamo igihe abakozi bagiye hanze.		
2.2. Gusana amashyamba ya kimeza no	Inyungu zavuye mu mushinga ntisaranganywa neza mu bantu	Guhugura abakozi ku bijyanye n'uburyo budaheza bwo gukoresha mudasobwa mu gushaka	Uyu mushinga uzibanda ku ikorehswa ry'ibiti gakondo kandi	Abakozi b'umushinga ndetse aho bishoboka	Umwaka wa 2-4 (imyaka 3) Umwaka	$138,600

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
gusubizamo urusobe rw'ibinyabuzima bibamo	bose bitewe n'aho ishyamba/ibijyanye n'ishyamba biherereye. Hashobora kugira ibibuzwa mu duce twasubijwe ubuzima bitewe n'icyo ubutaka bwagenewe. Abakozi baba bafite ibyago byinshi byo guhura n'impanuka zitewe n'inkangu, kurumwa n'inzoka, ubushyuhe/ubukonje bukabije, gukomeretswa n'ibikoresho, n'ibindi, mu gihe bari mu kazi. Pepiniyeri zitunganyirizwamo ingemwe z'ibiti gakondo zishobora guhura n'ibibazo by'udukoko cyangwa izindi ndwara, bikaba rero byatuma izo ndwara zikwirakwira ahantu hose. Gutunganya ingemwe bishobora guteza ikibazo ku	ahantu hatoranyijwe hagamijwe kwibanda ku miryango ishobora kugira uruhare mu bikorwa by'umushinga. Gushyira ibikorwa ahantu hatandukanye bishobora kugabanya ubwitabire bw'ibyiciro bimwe na bimwe brimo abagore, urubyiruko, abasigajwe inyuma n'amateka ndetse n'ibyiciro bya c, d, e. Ibi bizitabwaho kugira ngo hirindwe ko ahantu hemejwe ko hazakorera umushinga hadakorerwa gusa ibikorwa bigamije gusubizaho imiterere gakondo ahubwo abantu batoranyijwe mu kugira uruhare mu bikorwa bijyanye no gukuraho imishurushuru bahagararire ibyiciro by'abantu barebwa n'uyu mushinga. Hazashyirwaho amabwiriza ajyanye no gukumira abantu kuvogera ahakorerwa ibikorwa kandi ayo mabwiriza azaba aboneka ku muntu wese uyakeneye. Hazakorwa isesengura ku buryo bw'ikoreshwa	bibyarira abaturage babituriye inyungu nyinshi. Hashingiwe ku kibazo cy'iburra ry'ingemwe z'imbuto gakondo, icyaba cyiza ni ugushyiraho za pepiniyeri zabyo.	abafatanyabikorwa bo muri ako gace bazaba bashinzwe gukurikirana abakozi. Abakozi b'umushinga ndetse aho bishoboka abafatanyabikorwa bo muri ako gace bazaba bashinzwe gukurikirana abakozi. Abakozi ku mwanya mushya w'inzobere gutuma abaturage bagira uruhare mu bibakorerwa (CES), kuva ku mukozi 1 kugera kuri 2 kuri buri shyamba bazoroshya igikorwa gushyiraho amabwiriza akenewe yerekeye gukumira ivogerwa ry'ibikorwa	wa 2-4 (imyaka 3)	

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	mazi yakoreshwaga ibindi Gutunganya ingemwe bishobora gukenera ikoreshwa ry'imiti yica udukoko n'indi irinda indwara Kongera amashyamba bimuma imibanire hagati y'abantu n'ibinyabuzima byo mu ishyamba irushaho kumera neza.	ry'ubutaka buri ahantu umushinga urimo gukorera, kuko ni ngombwa cyane. Hazatangwa amahugurwa yerekeye amabwiriza ajyanye n'umurimo ndetse n'ubwirinzi ndetse n'ibijyanye n'ubutabazi bwihuse na gahunda y'ubwirinzi mu gihugu hose, ibi bikazakorewa kuri buri hantu hari ibikorwa by'umushinga. Abakozi bose bazahabwa GRM. Hazakorwa ubukangurambaga ku bijyanye no kutabangamirana hagati y'abantu n'ibinyabuzima byo mu ishyamba.		by'umushinga. Gushaka umukozi w'inzobere mu bijyanye n'udukoko twangiza Umujyanama ushinzwe guhugura abashinzwe za pepeniyeri ku bijyanye no gutahura ndetse no guhangana n'udukoko twangiza.		
3.1 Uburyo bwo guhinga butuma umusaruro wiyongera, burwanya isuri & imivu y'amazi, butabangamira serivisi zijyanye n'urusobe rw'ibinyabuzima kandi	Inyungu zabonetse zishobora kwiharirwa n'abantu bamwe iyo abagishijwe inama batarebye ku byiciro byose birimo abagore, urubyiruko, abasigajwe inyuma n'amateka ndetse n'ibyiciro bya c, d, e. Ingemwe zaturrutse	Uruhare rw'abafatanyabikorwa Kugenzura ibijyanye n'umurimo n'uburyo akazi gakorwamo Gahunda yo kubungabunga ibidukikije GRM Abakozi b'umushinga bazakorana n'inzego za	Abantu bose siko bazishimira uko isarangaywa ry'inyungu ryakozwe, hazashyirwaho rero uburyo kugaragaza ibyo umuntu atishimiye, abaturage bazagira uruhare mu isaranganywa	Abakozi b'umushinga bazafatanya n' abafatanyabikorwa ku kugenzura ko inyungu yabonetse yageze kuri bose kandi mu buryo budasumbanya Abakozi b'umushinga, Minisiteri z'amashyamba	Umwaka wa 1-2 ugenewe guhitamo ubwoko bw'imbuto no kugenzura ko inyungu zasaranganyijwe neza ku bantu	$120,310

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
bunogeye buri kinyabuzima.	muri za pepiniyeri zishobora gukwirakwiza indwara bityo bikagira ingaruka ku buhinzi bwo mu cyaro Ibikorwa byo gutubura imbuto bishobora gukoresha amazi menshi cyane Ubwoko bukenewe bushobora kuba bwanduza cyangwa bufite udukoko, Bizasaba igihe kinini hagati yo gutera no gukoresha ibihuru n'ibiti byatewe. Gukomeretswa n'ibikoresho byifashishwa mu gutunganya imirima no gutera imbuto Kudasaranganya ku buryo bukwiye inyungu yabonetse cyane cyane ntigere ku byiciro birimo abasigajwe inyuma n'amateka, abo mu byiciro c, d, e n'abagore kuko akenshi ari bo baba bafite ubutaka buto.	Leta n'abandi bafatanyabikorwa bo muri ako gace mu kugira ngo abantu bitabire ibyo bikorwa ndetse no gusaranganya ku buryo bunoze inyungu zabonetse ku byiciro bitandukanye Hazakurikizwa gahunda yo kubungabunga ibidukikije mu guhitamo no kwita ku bwoko bw'imbuto zishobora guhumanya/gukwirakwiza udukoko zikenew cyane n'abaturage kandi babona ku giciro cyiza. Mu kubungabunga ibidukikije hazagenzurwa ko umushinga utibanda gusa ku bwoko bw'ibiti butera indwara/ bwangiza ahubwo ko n'ibindi bikorwa byo kugemeka byakozwe mu buryo hirindwa ko izo ndwara zagera mu baturage bari kure. Umukozi w'inzobere mu kubungabunga ibidukikije azakurikirana ibikorwa byo gutunganaya amatarasi hagamijwe kureba ko bikorwa uko bikwiye.	rinoze ry'inyungu zizaba zabonetse. Imbaraga zizashyirwa mu bikorwa byo gutera ibiti bivangwa n'imyaka no gutera amashyamba birebana no gukoresha ubwoko bw'imbuto zishobora kwanduza ibindi zishobora kugira ingaruka ku bantu ariko ku kigero gitandukanye. Amabwiriza ajyanye no gucunga amashyamba ashobora gufasha mu kugabanya izo ngaruka. Hazakenerwa uruhare rw'abafatanyabikorwa na GRM ahantu hose	n'iy'ubuhinzi n'ubworozi, Imiryango itari iya Leta imenyereye ibijyanye n'ubwoko bw'ibiti bazagenzura ko ibibazo bijyanye n'ibidukikije byaterwa n'ibiti n'ibindi bihingwa byatoranyijwe birwanyijwe. Abakozi ba AE na EE ndetse aho bishoboka abafatanyabikorwa bo muri ako gace bashobora kuba bakurikirana abakozi bazagenzura ibijyanye n'ubwirizi. Umujyanama w'inzobere mu bijyanye n'udukoko twangiza azahugura abakozi b'umushinga kugira ngo nabo bazatange amahugurwa kuri bene utwo	bose. Igihe umushinga uzamara mu gihe cy'itera ry'ibiti hagamijwe kubungabunga umutekano w'abatera ibiti. Umwaka wa 3-4 igenewe gutunganya amatarasi.	

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	Mu gikorwa cyo gutunganya no kubaka amatarasi, ubutaka bwo hejuru bushobora gutakara, hakaba habaho isuri, bikabangamira abakozi bakorera ahantu hahanamye. Mu gushaka ifumbire mborera uyijyana ahandi hantu bishobora gutera isuri ahakuwe iyo fumbire. Ba nyirubutaka bwakuweho ifumbire mborera bagomba kugenerwa indishyi	Abakozi bose bazahabwa GRM. Kugenzura ko mu gutoranya abagenerwabikorwa ibyiciro byose birebwa n'umushinga bihagarariwe kandi hakirindwa kugongana n'indi mishinga isanzwe ikorera muri ako gace. Abakozi b'umushinga bazakorana n'inzego za Leta n'abandi bafatanyabikorwa bo muri ako gace mu kugira ngo abantu bitabire ibyo bikorwa ndetse no gusaranganya ku buryo bunoze inyungu zabonetse ku byiciro bitandukanye GRM izaba ihari kugira ngo ikurikirane ibibazo by'abumva ko bahejwe mu bikorwa by'umushinga	hakorerwa ibikorwa by'umushinga. Ikizere cyo hejuru mu kugira ubushobozi bwo gukoresha abantu bari mu byiciro bitandukanye hagamijwe guhitamo ahantu haterwa ibiti bivangwa n'imyaka Birashoboka kugenzura no gukurikirana za pepiniyeri zirimo ubwo bw'imbuto zishobora kwangiza Harimo gutunganywa amatarasi aho bishoboka mu gihugu. Umukozi w'inzobere mu kubungabunga ibidukikije azakurikirana ibikorwa byo guhangana n'isuri, kubungabunga	dukoko. Minisiteri y'Ibidukikije n'izindi nzego zifite ubumenyi mu bijyanye n'amaterasi bazagishwa inama mu bikorwa byo gutunganya amatarasi.		

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
			ubutaka bwo heujuru bwakuweho no gusaranganya ku buryo bunoze inyungu ku bantu bagize ibyo batanga mu mushinga.			
3.2 Ibikorwa by'imibereho bitanga indi nyungu & bigatuma rero amashyamba agira agahenge	Kudasaranganya neza inyungu yabonetse cyane cyane ko abasigajwe inyuma n'amateka n'abari mu byiciro c, d, e bashobora kutamenya amakuru ajyanye n'ubukangurambaga bujyanye nabyo. Hakwiye kugenzura ibikorwa byo gutanga ibikenerwa mu bikorwa by'umushinga mu rwego rwo kwirinda ihumanya no gusohora ibyotsi bya gazi karuboniki ituruka mu bwikorezi bw'ibikoresho	Abakozi b'umushinga bazakorana n'inzego za Leta n'abandi bafatanyabikorwa bo muri ako gace mu gusaranganya ku buryo bunoze ibikorwa by'imibereho bibyara inyungu ku baturage. GRM izaba ihari kugira ngo ikurikirane ibibazo by'abumva ko bahejwe mu bikorwa by'umushinga Abakozi bose bazahabwa GRM. Umurimo n'uburyo bw'imikorere bizanozwa kandi n'amahugurwa ku ihohotera rishingiye ku gitsina (SEAH) azaba mu bisabwa ku bakozi bose. Umushinga uzakorana na Leta n' Imiryango itari iya	Abantu bose siko bazishimira uko isarangaywa ry'inyungu ryakozwe, hazashyirwaho rero uburyo kugaragaza ibyo umuntu atishimiye, no kugenzura ko inyungu zabonetse zasaranganyijwe neza. Byose birashoboka kandi birakwiye kuko ari uburyo bwizewe.	Abakozi b'umushinga, Leta, Imiryango itari iya Leta bazafatanya mu bikorwa byo kugenzura ko inyungu yabonetse mu mushinga yageze kuri bose kandi mu buryo budasumbanya Abakozi b'umushinga ndetse aho bishoboka abafatanyabikorwa bakorera muri ako gace bashobora kuba bakurikirana ibikorwa byo gukora	Umwaka wa 2-5	$78,522

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	by'ibanze ndetse n'ibigomba kujya ku isoko bikorera muri CND no hafi yayo. Abakozi bashobora gukomereka igihe bari mu kazi mu gihe haba hadashyizweho ingamba z'ubugenzuzi n'ubwirinzi. Guteza imbere ibikorwa by'imibereho by'abagore kimwe n'ibindi bikorwa bibabyarira inyungu bishobora gutuma abanyamuryango b'igitsinagabo bivumbura, kudatanga amahugurwa akwiye/kutagira ibikoresho bikwiye cyangwa se kutita ku bigize umuco bituma hataboneka amahirwe ajyanye n'ibindi bikorwa bijya by'imibereho, ndetse b'iyo abavumvu babaye benshi bitera ikibazo ku masoko	Leta ikora ibikorwa byibanda ku kurwanya ihohoterwa ryo mu ngo, ikiritera n'uburyo bwo kurirwanya; ubukangurambaga bugenewe abagabo ku bijyanye n'inyungu ziboneka iyo abagore binjiye mu bikorwa by aba rwiyemezamirimo. Ubu bukangurambaga burimo no gukorana n'abayobozi b'inzego z'ibanze, amatsinda y'abagore hagamijwe kuzamura imyumvire ijyanye n'uruhare rw'abagore mu bikorwa by'imibereho, harimo gutanga ubutumwa bujyanye n'ihohoterwa rishingiye ku gitsina (GBV) ndetse no gukumira imibonano mpuzabitsina ikozwe ku gahato hagati y'abashakanye (IPV). Uyu mushinga uzakora ibikorwa byinshi by'ingenzi bigamije kugenzura ko ibikorwa by'imibereho y'abaturage byatoranyijwe byagezweho kandi ko byatanze umusaruro wari witezwe.		amashyiga. Igihe abakozi na Leta barimo kugena aho ibikorwa bizajya no kugena gahunda yo gukwirakwiza amashyiga/imbabura hashingiwe ku mutungo ukomoka ku ishyamba ririmo gukorwaho n'umushinga. Ushinzwe umurimo n'ubwirinzi muri uyu mushinga, kongeraho abashinzwe gukurikirana umurimo n'ubwirinzi aho ibikorwa bikorera, no mu gihe cyo guhugura abakozi bose. Umukozi ushinzwe kubungabunga ibidukikije azafasha mu gusobanurira abantu no koroshya ibikorwa bijyanye no gukora		

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	maze inyungu yari yitezwe ntigerweho.	Kwinjiza muri iyi gahunda ibijyanye n'umutekano w'abaturage, uburyo bw'ubutabazi n'umurimo na gahunda zo guhora abantu biteguye muri buri NP hagamijwe kubungabunga umutekano wo ku kazi ndetse no guhangana n'impanuka zikomoka mu bikorwa byo gucunga umuriro cyangwa impanuka zikomoka ku bikorwa by'ubuvumvu.		amashyiga. Inzobere mu guhindura imyumvire azashyiraho uburyo bwo gukora ubukangurambaga bugamije kwinjiza abagore mu mushinga no gufasha mu gikorwa cyo gusaranga inyungu yabonetse ku buryo bunoze.		
3.3 Serivisi z'ishoramari & ishoramari ry'abantu ku giti cyabo byatejwe imbere	Abagabo bivumbura ku bagore ndetse n'abayobozi b'urubyiruko mu ngo z'abantu ku giti cyabo bafite indi mitungo bitiza umurindi ihohoterwa ryo mu ngo. Abagore, urubyiruko n'abasigajwe inyuma bafite ubumenyi n'ubushobozi ariko ntibashobora kubona ubushobozi bitewe n'imbogamizi	Umushinga uzakorana n'Imiryango Itegamiye kuri Leta ndetse n'abayobozi b'abaturage ndetse n'abakuru b'amadini mu kumvisha abagabo uruhare rwabo mu gushyiraho gahunda zigamije kongerera abagore ubushobozi bwo gukora ibikorwa bibyara inyungu no guhangana n'ihohoterwa rishingiye ku gitsina. Gushyira imbaraga mu gushyiraho ingamba	Ibi bikorwa biri mu murongo umwe na Politiki ya Leta y'u Rwanda ijyanye n'uburinganire. Amakuru arambuye ku bikorwa bigamije kurwanya ihezwa ry'abantu murabisanga ku MUGEREKA WA 8	Abakozi b'umushinga, Ushinzwe uburinganire, abakozi ba Leta y'u Rwanda, abafatanyabikorwa bo mu Miryango Itegamiye kuri Leta bafite inshingano yo kugenzura ibijyanye n'uburinganire no kudaheza mu bikorwa byose	Igihe umushinga uzamara	$39,112

Ibyagezweho	Ingaruka ku bidukikije n'imibereho myiza	Ingamba zo guhangana n'ibibazo ziteganyijwe mu mushinga	Uburyo bikorwamo, icyo bizafasha n'icyizere zitanga	Inshingano yo gushyira mu bikorwa	ingengabihe	Ingengo y'imari*
	zijyanye n'imiterere yabo n'imyumvire mu muco ku bijyanye n'uburinganire no kudaheza.	n'ibikoresho bikenewe mu bikorwa by'ubukangurambaga bwo guhindura imyumvire hagamijwe gukuraho imbogamizi abagore, urubyiruko, abasigajwe inyuma n'amateka bahura nazo ndetse kubashishikariza kwitabira ibikorwa by'umushinga. Ubukangurambaga ku buringanire (uburenganzira ku butaka, kugira umutungo, no gufata imbemezo) ndetse na gahunda zigamije guha amahirwe angana kuri buri wese (abagore, urubyiruko rurimo abakobwa n'abahungu, abasigajwe inyuma n'amateka) buri wese agahabwa amahirwe yo kugira uruhare mu bikorwa bibateza imbere.		by'umushinga ku bijyanye no kubona umutungo ndetse no guteza imbere ibikorwa byo kongera agaciro.		

*Amafaranga angana na 203,072 azakoreshwa muri gahunda za ESMP mu bikorwa byose bishamikiye ku mushinga.

10. ISUZUMA KU ISESENGURA KU BIJYANYE N'IBIDUKIKIJE N'IMIBEREHO MYIZA

10.1. ESS 1. Gusuzuma no kwita ku bibazo n'ingaruka ku beyrekeye ibidukikije n'imibereho myiza

Gahunda ijyanye n'ingaruka ku bidukikije n'imibereho myiza ifasha Ishami rishinzwe gukurikirana ibikorwa by'umushinga (PMU) gukora isuzuma ryuzuye ku bibazo bikomeye bijyanye n'ibidukikije n'imibereho myiza bishobora kuvuka mu gihe cyo gushyira mu bikorwa umushinga. Uyu mushinga ukubiyemo indi mishinga mito itandukanye iwushamikiyeho ndetse n'ibikorwa byayo byihariye ndetse n'aho izakorera hihariye hazasobanurwa kandi hakanakorerwa isuzuma. Muri iyo mishinga twavugamo:

- Ibyiciro by'ubutaka hashingiwe ku byo bwagenewe gukoreshwa
- Ubutabazi bujyanye no kurwanya inkongi
- Guteza imbere za pepeniyeri z'ibiti
- Kuvugurura amashyamba muri Pariki ya Nyungwe, (hegitari 4500), Giswati (hegitari 500) ndetse no duce tw'imigezi (hegitari 1500)
- Gukwirakwiza ibiti bikoreshwa mu kugaburira amatungo
- Kugena uburyo bwo gucunga no kubungabunga ibidukikije biherere ahantu hahanamye
- Kuvugurura ubutaka bwa Leta n'ubw'abantu ku giti cyabo buri kuri hegitari 2500
- Kuvugurura inzuri ziri kuri hegitari 1000
- Ibikorwa byo gutera ibiti bivangwa n'imyaka harimo no kwita ku buryo biherekanywamo
- Gutunganya amatarasi
- Guteza imbere ibikorwa by'imibereho y'abaturage birimo
    - Forestry and Agroforestry work on Macademia Nuts, Avocado, French Beans Gutera amashyamba no gutera ibiti bivangwa n'imyaka birimo Makadamiya, avoka, imiteja, n'insenda za pilipili
    - Ubuvumvu bugezweho
    - Ubukerarugendo bugamije gusura urusobe rw'ibinyabuzima muri Giswati & Mukura
    - Guteza imbere ubucuruzi bw'ibikomoka ku buhinzi
    - Amashyiga ya rondereza/atabangamira ikirere

Ibikorwa by'umushinga, nibimara gusobanurwa neza binyuze mu gushyira ubutaka mu byiciro hashingiwe ku cyo bwagenewe gukoreshwa na nyuma yo kumva ibitekerezo by'abaturage, bizagenzurwa hagamijwe kumenya ibibazo bihari hanakorwe isesengura rinoze kuri ibyo bibazo, kandi hanafatwe ingamba zo guhangana nabyo. Igenzura ry'ibanze kuri buri gikorwa rizakorwa hashingiwe ku byagaragajwe mu mbonerahamwe ya 10.1.1. kandi hanifashishijwe isesengura ryasobanuwe mu gace ka 6.2. iryo genzura rizashingira ku kazi kanoze kazakorwa hanyuma hakorwe n'andi masesengura ku bijyanye n'amabwiriza yerekeye ibidukikije n'imibereho myiza (ESS 2-8).

Aho igenzura ku bikorwa by'umushinga rizagaragaza ko hari ibibazo bikomeye ku bidukikije n'imibereho myiza kandi bikaba bigaragara ko ibyo bibazo biri mu rwego rw'ibibazo by'ingutu, ibyo bikorwa bizongera byigweho kandi binozwe mu rwego rwo kwirinda no/cyangwa kugabanya ibyo bibazo. Ibikorwa bizagaragara ko bigiteje ibibazo by'ingutu nyuma yo gusubirwamo bizakurwa mu mushinga. Naho ibizagaragara ko biteje ibibazo byoroheje, hazashyirwa ingamba zo guhangana n'ibyo bibazo kuri buri hantu hakorerwa bene ibyo bikorwa muri uyu mushinga. Muri izo ngamba twavugamo:

- Gahunda y’uruhare rw’abafatanyabikorwa
- Gahunda ijyanye n’ibikorwa by’imibereho y’abaturage
- Gahunda yerekeye abasigajwe inyuma n’amateka
- Gahunda yo kubungabunga urusobe rw’ibinyabuzima
- Gahunda yo kubungabunga umurage w’amateka

Nyuma yo gusobanura neza ibikorwa by’umushinga n’ibibishamikiyeho, hazakorwa isesengura rinoze ku bijyanye n’ingaruka ku bidukikije n’imibereho (ESIA) myiza ryihariye kuri buri hantu hazaba hari igikorwa cy’umushinga. Aya masesengura azakorwa hagendewe ku mabwiriza ya Leta na GCF kandi akorwe hagamijwe guteza imbere ingamba na gahunda byo guhangana n’ibibazo ndetse n’ingaruka bihari. Amasesengura asabwa ku bibazo bijyanye n’ibidukikije n’imibereho myiza ndetse n’ingamba zo guhangana nabyo bizakorwa, bimenyeshwe abantu, kandi binaganirweho n’abafatanyabikorwa mbere y’uko hagira igikorwa icyo aricyo cyose gishyirwa mu ngiro kandi bigaragara ko gishobora gutera ingaruka mbi ku mibereho myiza n’ibidukikije.

Ishami rishinzwe gukurikirana ibikorwa by’umushinga (PMU) rizakora isuzuma ku bibazo n’ingaruka ku bidukikije n’imibereho myiza bishobora guterwa n’ibikorwa ndetse n’ibibishamikiyeho muri uyu mushinga. Ubu buryo buzafasha PMU kugaragaza ibipimo bya ngombwa ku bidukikije n’imibereho myiza (ESS), hashyirwaho uburyo bwo gushyira mu byiciro ibibazo ku bidukikije n’imibereho myiza bishobora guterwa n’ibikorwa by’umushinga ndetse n’ibibishamikiyeho ndeste hanagaragazwe ingamba nyazo zo guhangana na bene ibyo bibazo.

Gusuzuma no gusesengura ibijyanye n’Ibidukikije n’Imibereho myiza

Buri mushinga muri itanu ishamikiye ku mushinga nyirizina n’ibikorwa biyigize uzasuzumwa hagamijwe kumenya ibibazo ushobora gutera ku bidukikije n’imibereho myiza hakurikijwe uburyo bukurikira:

Intambwe ya 1, hakoreshejwe inyandiko zagaragajwe mu 10.2 – 10.8, aho buri mushinga uzasesengurwa ndetse n’ibibazo bishobora kuba birimo bigaragazwe.

(1) Uburinganire (10.1.2.)
(2) Abatishoboye (10.1.3.)
(3) Uburenganzira bwa muntu (10.1.4)
(4) Umurimo (10.2.)
(5) Kongera inyungu iva mu musaruro no guhangana n’ibihumanya ikirere (10.3.)
(6) Ubuzima, ubwirinzi n’umutekano by’abaturage (10.4.)
(7) Kubona ubutaka, amabwiriza ajyanye n’uko bukoreshwa, ndetse no kwimura abantu ku gahato (10.5.)
(8) Kubungabunga urusobe rw’ibinyabuzima no gukoresha neza umutungo Kamere (10.6.)
(9) Abasigajwe inyuma n’amateka n’ibibazo bahura nabyo (10.7.)
(10) Umurage w’umuco (10.8.)

Intambwe ya 2, Kugenzura ko ibikorwa byose by’umushinga byasesenguwe hakurikijwe ibikubiye mu gace ka 9.

Intambwe ya 3, Gushyira buri gikorwa mu mbonerahamwe ya 10.1. ndetse, nyuma yo kugisha inama ubuyobozi bw’inzego z’ibanze n’abafatanyabikorwa, kugaragaza urwego rwa buri kibazo hashingiwe ku buryo bukurikira. **(Reba amabwiriza yerekeye intambwe ya 3)

Intambwe ya 4, ku bijyanye n’ibibazo byoroheje n’ibikomeye, hashingirwa bikubiye ku gace kavuga ku ngamba z’inyongera zafashwe zo guhangana n’ibyo bibazo cyangwa inyandiko zikubiyemo amakuru yerekeye ingamba zo guhangana n’ibyo bibazo.

Intambwe ya 5, gutegura izo nyandiko ku bufatanye n’ubuyobozi bw’inzego z’ibanze ndetse n’abafatanyabikorwa b’ingenzi.

Intambwe ya 6, Guhuriza hamwe gahunda yo kubungabunga ibidukikije n’imibereho myiza yagenwe kuri buri mushinga muto/igikorwa gishamikiye ku kindi n’ingamba zinoze zo guhangana n’ibibazo bibangamiye ibidukikije n’imibereho myiza mu rwego rwo kubishyira mu bikorwa no kubikurikirana.

Intambwe ya 7, Guhindura mu ndimi zikenewe izo nyandiko no kuzigeza kubo zireba hashingiwe ku mategeko n’amabwiriza ya GCF.

**Amabwiriza yo mu intambwe ya 3 ajyanye no gushyira ibibazo bihari mu byiciro

Isuzuma hakoreshejwe inyandiko

Ingaruka nziza/mbi: byasobanuwe mu magambo mu mbonerahamwe.

Ubwoko bw'ingaruka: bigaragaza ikigero ingaruka izageraho mu buryo 'buziguye', 'butaziguye', cyangwa 'bikomatanyije'.

Amahirwe y'uko ibyo bintu byabaho: byerekana igipimo cy'uko izo ngaruka zishobora kubaho mu gihe cyo gushyira mu bikorwa umushinga aho aha bisobanurwa nka 'nta bizabaho rwose', 'hari igihe bitabaho', = BIRI HASI, 'birashoboka', na 'birashoboka cyane', = BIRASHOBOKA KU BURYO BURINGANIYE na 'nta kuntu bitashoboka/bitabaho' = IGIPIMO KIRI HEJURU

Ikizere cy'isesengura: byerekana uburyo abasesengura bapima ubushobozi bwabo bwo kumenya neza ingaruka bashingiye ku miterere y'amakuru agira uruhare mu gusuzuma ingaruka/ibibazo bihari, bigaragazwa nka 'hasi', 'biringaniye', cyangwa 'hejuru'.

Isuzuma hakoreshejwe imibare

Ikigero ingaruka iriho: 0=nta ngaruka, 1= hari ingaruka muri ako gace, 2=hari ingaruka mu karere, 3=hari ingaruka ku rwego rw'igihugu, 4=hari ingaruka ku rwego mpuzamahanga.

Ubukana cyangwa uburemere bw'ingaruka: 0=ntabwo, 1=nta kintu kinini byangije ku bintu kamere/uko abantu bari basanzwe babaho, 2=hari ikintu byangije ku bintu kamere/uko abantu bari basanzwe babaho, 3= hari kintu kinini cyane byangije ku bintu kamere/uko abantu bari basanzwe babaho.

Igihe bizamara: 0=ntacyo, 1=kugeza ku myaka 2, 2=imyaka 2 kugeza kuri 15, 3=ighe kirenze imyaka 15.

Ingaruka bizagira: Incamake y'ibyagezweho hashingiwe ku kigero cy'ingaruka, ubukana n'ubunini bw'ingaruka byateje, ndetse n'igihe byamaze.

(0-1) ntacyo bimaze, ntacyo byahinduye ku byemeze byafashwe, (2-3) biri hasi, ingaruka ntoya zidafite icyo zahinduye ku byemezo byafashwe, (4-5) biraringaniye, bishobora kugira ingaruka ku byemezo, (6-7) hejuru, bizagira icyo bihindura ku byemezo, (8-9) hejuru cyane, bizagira icyo bihindura ku byemezo kandi bigomba kubanza kwigwaho neza mbere yo kubishyira mu bikorwa.

Amanota ku ngaruka zijyanye n'ibyiciro bya GCF ku bijyanye n'ibibazo bishobora kuvuka atangwa mu buryo bukurikira:

(0-3): HASI (C), (4-7): BYOROHEJE (B), (8-9): HEJURU (A)

Aya masuzuma ahanini aba ashingiye kuko umuntu wayakoze abyumva kandi ashobora guhinduka mu gihe haba habonetse amakuru mashya yerekeye umushinga, aho umushinga uherereye, abagenerwabikorwa b'umushinga, cyangwa mu gihe cyo gushyira mu bikorwa umushinga muri rusange..

Imboneramwe ya 10.1.1. ESS 1: Gusuzuma no gusesengura ingaruka ziterwa n'imishinga ndetse n'ibikorwa byayo							
Inyito y'umushinga/igikorwa:							
Aho umushinga/igikorwa uherereye:							
Amazina y'uwasuzumye umushinga:							
Itariki y'isuzuma:							
Erekana buri kigero cy'ingaruka zagaragajwe ukoresheje ibipimo bikurikira:							
Ingaruka mbi zihari	**Ubwoko bw'ingaruka** (buziguye, butaziguye, bikomatanyije)	**Ikigero cy'ingaruka** (0=nta ngaruka, 1= hari ingaruka muri ako gace, 2=hari ingaruka mu karere, 3=hari ingaruka ku rwego rw'igihugu, 4=hari ingaruka ku rwego mpuzamahanga.)	**Ubukana cyangwa uburemere bw'ingaruka** (0=ntabwo, 1=nta kintu kinini byangije ku bintu kamere/uko abantu bari basanzwe babaho, 2=hari ikintu byangije ku bintu kamere/uko abantu bari basanzwe babaho, 3= hari kintu kinini cyane byangije ku bintu kamere/uko abantu bari basanzwe babaho)	**Igihe bizamara** (0=ntacyo, 1=kugeza ku myaka 2, 2=imyaka 2 kugeza kuri 15, 3=ighe kirenze imyaka 15)	**Ingaruka bizagira -** (0-1) ntacyo bimaze, ntacyo byahinduye ku byemeze byafashwe, (2-3) biri hasi, ingaruka ntoya zidafite icyo zahinduye ku byemezo byafashwe, (4-5) biraringaniye, bishobora kugira ingaruka ku byemezo, (6-7) hejuru, bizagira icyo bihindura ku byemezo, (8-9) hejuru cyane, bizagira icyo bihindura ku byemezo kandi bigomba kubanza kwigwaho neza mbere yo kubishyira mu bikorwa	**Amahirwe ahari y'uko ibyo bintu bizabaho** (nta bizabaho rwose, hari igihe bitabaho' birashoboka birashoboka cyane' nta kuntu bitashoboka/bitabaho')	**Ikizere** (Hasi, biringaniye, Hejuru)
Ese hari ibibazo uyu mushinga uzateza ku bijyanye n'uburinganire brimo ihohoterwa rishingiye ku gitsina?						**Yego ☐ Oya ☐**	

Erekana urutonde rw' ibibazo uyu mushinga uzateza ku bijyanye n'uburinganire brimo ihohoterwa rishingiye ku gitsina, *(shyira buri kibazo kigaragaye mu kazu kihariye)*:							
[andika hano ikibazo kijyanye n'uburinganire harimo ihohoterwa rishingiye ku gitsina, werekane n'ikigero icyo kibazo kiriho]							
Ese uyu mushinga hari ibibazo uzateza abantu bari mu byiciro by'abatishoboye?						**Yego ☐ Oya ☐**	
Erekana urutonde unasuzume ibibazo abatishoboye bashobora guhura nabyo, *(shyira buri kibazo kigaragaye mu kazu kihariye)*:							
[andika hano ikibazo abatishoboye bahura nabyo, werekane n'ikigero icyo kibazo kiriho]							
Ese uyu mushinga nta ngaruka uzagira ku bantu bari mu byiciro byihariye by'imibereho cyangwa umuco harimo n'abiyumva ubwabo ko bihariye, bafite icyo bahuriyeho ku bijyanye n'agace runaka – harimo gukoresha aho hantu mu gihe runaka cyangwa bahakorera ibintu runaka; bafite umuco n'imigenzo bitandukanye n'iby'abandi muri rusange, cyangwa bavuga ururimi rwihariye?						**Yego ☐ Oya ☐**	
Erekana urutonde rw'ibibazo aba bafite imibereho/umuco yihariye bahura nabyo unabisuzume, *(shyira buri kibazo kigaragaye mu kazu kihariye)*:							
[andika hano inagruka zihari ku bantu bari mu byiciro byihariye by'imibereho/umuco, unerekane ikigero izo ngaruka ziriho]							
Ese uyu mushinga nta ngaruka uzagira ku burenganzira bwa muntu?						**Yego ☐ Oya ☐**	
Garagaza urutonde rw'ibibazo byose bishobora kubangamira uburenganzira bwa muntu unabisuzume, *(shyira buri kibazo kigaragaye mu kazu kihariye)*:							
[Andika hano							

ingaruka bizagira ku burenganzira bwa mmuntu unagaragaze ikigero ziriho]							
Ese uyu mushinga uzatuma hari abantu basabwa kwimuka cyangwa kwimura ibikorwa byabo by'ubukungu?						**Yego ☐ Oya ☐**	
Garagaza kandi unasuzume urutonde rw'ibibazo bishobora kuzatuma abantu bimurwa cyangwa bimura ibikorwa byabo by'ubukungu, *(shyira buri kibazo kigaragaye mu kazu kihariye)*:							
[andika hano ibibazo bizatuma abantu bimuka cyangwa bimura ibikorwa byabo by'ubukungu, unagaraze ubukana bwabyo]							
Ese haba hari inagruka uyu mushinga uzagira ku buzima, ubwirinzi n'umutekano by'abaturage?						**Yego ☐ Oya ☐**	
Garagaza kandi unasuzume ingaruka uyu mushinga uzagira ku buzima, ubwirinzi n'umutekano by'abaturage, *(shyira buri ngaruka igaragaye mu kazu kihariye)*:							
[andika hano ingaruka bizagira ku buzima, ubwirinzi n'umutekano by'abaturage unagaragaze ikigero izo ngaruka ziriho]							
Ese uyu mushinga nta ngaruka uzagira ku murimo n'uburyo akazi gakorwamo?						**Yego ☐ Oya ☐**	
Garagaza kandi unasuzume ingaruka uyu mushinga uzagira ku murimo n'uburyo akazi gakorwamo, *(shyira buri nagruka mu kazu kayo kihariye)*:							
[andika hano inagruka bizagira ku murimo							

n'uburyoakazi gakorwamo kandi unagaragaze ikigero cy'izo nagruka]							
Ese uyu mushinga nta bibazo uzateza bijyanye no gukoresha nabi umutungo, guhumanya ikirere, guteza imyanda, gutuma habaho ibinyabutabire bihumanya cyangwa ibyuka byangiza ikirere?						**Yego ☐ Oya ☐**	
Garagaza unasuzume ibibazo bijyanye no gukoresha nabi umutungo, guhumanya ikirere, guteza imyanda, gutuma habaho ibinyabutabire bihumanya cyangwa ibyuka byangiza ikirere bishobora guterwa n'uyu mushinga, *(shyira buri kibazo mu kazu kihariye)*:							
[andika ibibazo bijyanye no gukoresha nabi umutungo, guhumanya ikirere, guteza imyanda, gutuma habaho ibinyabutabire bihumanya cyangwa ibyuka byangiza ikirere unagaragaze ikigero cy'ubukana bwabyo]							
Ese uyu mushinga nta ngaruka mbi uzagira ku murage w'umuco?						**Yego ☐ Oya ☐**	
Erekana kandi unasuzume urutonde rw'ingaruka mbi uyu mushinga uzagira ku murage w'umuco, *(shyira buri ngaruka mu kazu kihariye)*:							
[andika ingaruka mbi uyu mushinga uzagira ku murage w'umuco unagaragaze ikigero cy'ubukana izo ngaruka ziriho]							

Ese uyu mushinga nta zindi ngaruka mbi uzagira ku bidukikije n'imibereho myiza?						**Yego ☐ Oya ☐**	
Erekana kandi unasuzume ibindi bibazo ubona uyu mushinga uzatera ku bidukikije n'imibereho myiza, *(shyira buri kibazo mu kazu kihariye)*:							
[andika ibindi bibazo ubona uyu mushinga uzatera ku bidukikije n'imibereho myiza unagaragaze ikigero cy'ubukana bwabyo]							

Ibibazo uyu mushinga ufite [hashingiwe ku kibazo gikomeye kurusha ibindi]	**Hasi ☐ Biroroheje ☐ Biri hejuru/birakomeye ☐**
Garagaza ingamba zihariye zo guhangana na buri kibazo .	☐ Gahunda y'uruhare rw'abafatanyabikorwa ☐ Gahunda ijyanye no kwimuka ☐ Uburyo bwo gushyiraho ingamba zo gukumira ☐ Gahunda yerekeye abasigajwe inyuma n'amateka ☐ Gahunda ijyanye no kubungabunga umurage w'amateka ☐ Gahunda ijyanye no kurengera urusobe rw'ibinyabuzima
Incamake y'amakuru yavuye mu isuzuma: **[garagaza ibibazo by'ingutu, amasuzuma yakozwe, ingamba zo gukemura ibyo bibazo, ingambao zo guhangana nabyo na gahunda y'igihe bizashyirirwa mu bikorwa]**	

10.1.2. Ingaruka ku buringanire zirimo ihohoterwa rishingiye ku gitsina.

Uyu mushinga uzibanda ku bagore n'urubyiruko nk'abagenerwabikorwa, bityo uko barushaho kugira amahirwe, umutungo, n'ubufasha bishobora gutuma habaho ubusumbane mu bubasha bikaba byatuma havuka ibibazo bijyanye n'uburinganire, birimo n'ihohoterwa rishingiye ku gitsina (GBV). Ihohoterwa rishingiye ku gitsina ni ukubangamira umuntu cyangwa itsinda ry'abantu mu bryo ubwo ari bwo bwose hashingiwe ku gitsina. Ihohoterwa rishingiye ku gitsina rikorwa mu buryo bwinshi, harimo irikorerwa ku mubiri, igitsina, imitekerereze n'ubukungu, ibyo bikaba bishobora gutizwa umurindi n'amategeko ariho, imibanire y'abantu, amabwiriza y'ibigo cyangwa politiki ziriho. Mu ngero twatanga harimo: kubabaza umubiri, ihohoterwa rishingiye ku gitsina ririmo kubyaza inyungu imibonano mpuzabitsina/gufata ku ngufu, gucuruza abantu binyuze mu kubakoresha imibonano mpuzabitsina ku gahato no gukoresha umuntu imibonano mpuzabitsina mutabyumvikanyeho; ihohoterwa ryo mu ngo; icuruzwa ry'abantu; gushyingira umwana utarageza imyaka y'ubukure/gushyingira umuntu ku gahato; kwangiza imyanya y'ibanga/myibarukiro y'umugore; kujugunya/kuroha umwana hitwaje ko ngo yazanye umuvumo mu muryango; kunyaga umuntu umutungo; no kwambura umupfakazi uburenganzira ku mutungo.[81]

Mu rwego rwo kugabanya bene ibyo bibazo byerekeye uburinganire n'ihohoterwa rishingiye ku gitsina, Ishami rishinzwe gukurikirana ibikorwa by'umushinga (PMU) rizashyiraho inzobere mu by'uburinganire ndetse n'inzobere mu bukangurambaga bw'abaturage, bahabwe amahugurwa ku bijyanye n'ibibazo bishingiye ku buringanire, uko biringa ihohoterwa rishingiye ku gitsina (SEAH), gahunda n'ingamba zo guhangana n'ibibazo bijyanye n'uburinganire ndetse n'uburyo bwo gusubiza agaciro abahuye n'iryo hohoterwa. Bitewe nuko hazagenwa aho ibikorwa runaka by'umushinga bizakorerwa ndetse n'abagenerwabikorwa babyo, buri mushinga uzakorerwa isuzuma hagamijwe kureba niba nta ngaruka mbi uzagira ku buringanire (harimo ihohoterwa rishingiye ku gitsina).

Imbonerahamwe ya 10.1.2. Gusuzuma ingaruka mbi ku buringanire

Ese abakuriye EA/EE ndetse n'indi mishinga y'ingenzi bafite politiki, amabwiriza, gahunda n'ubushobozi bakwifashisha bagenzura ko:

(a) nta vangura rikorerwa abagore cyangwa ibindi byiciro by'abantu hashingiwe ku gitsina ku byerekeye umutungo, serivisi, cyangwa inyungu, bikomoka ku mushinga;

(b) hirindwa ibikorwa bishobora gutuma habaho ku buryo butateguwe, cyangwa bitiza umurindi ubusumbane bushingiye ku gitsina cyangwa se bibangamira abagore cyangwa abakobwa muri uyu mushinga;

(c) hakorwa ibishoboka byose hakagabanywa ibibazo bishobora guterwa n'ibikorwa by'umushinga bigira ingaruka mbi ku bikorwa by'imibereho, uburenganzira cyangwa indi miterere y'abagore n'abakobwa irimo ubushobozi bwabo mu gukoresha, guteza imbere cyangwa se kubungabunga umutungo kamere;

81 Castañeda Camey, I., Sabater, L., Owren, C. and Boyer, A.E. (2020). Gender-based violence and environment linkages: The violence of inequality. Wen, J. (ed.). Gland, Switzerland: IUCN. 272pp

(d) umushinga wita ku itandukaniro ry'ruhare n'ubushobozi bw'abagore n'abagabo mu kubona ibikomoka ku bidukije na serivisi zijyana nabyo mu rwego rwo kubahiriza ihame ry'uburinganire n'ubwuzuzanye bw'abagabo n'abagore mu bikorwa by'umushinga.[82] (e) umushinga ntugira uruhare mu kongerera ubukana ibibazo by'ihohoterwa rishingiye ku gitsina (harimo kubonera inyungu mu mibonano mpuzabitsina y'undi, gusambanywa cyangwa gutotezwa – SEAH) (f) Umushinga washyizeho uburyo n'ingamba byo kugenzura abantu bahawe akazi cyangwa bari mu ruhare rwa AE/EE cyangwa abandi bantu bahawe inshingano runaka mu bikorwa by'umushinga mu rwego rwo kwirinda ihohoterwa rishingiye ku gitsina?
• **OYA (ku byavuzwe haruguru byose)** • **BIZAGENWA/BIZAFATWAHO UMWANZURO (TBD)** • **YEGO (ku byavuzwe haruguru byose)**
Niba ari OYA cyangwa BIZAGENWA/BIZAFATWAHO UMWANZURO, tanga amakuru arambuye arimo uko bizakorwamo cyangwa inzira bizanyuramo kugira ngo hamenyekane ingaruka mbi zerekeye uburinganire n'ihohoterwa rishingiye ku gitsina hanyuma wongereho ingaruka z'isuzuma n'isesengura ry'ingaruka zivugwa mu mbonerahamwe yo mu gace ka 10.1.

10.1.3. Abatishoboye

Isunzu rya Congo Nili rifite umubare munini w'abantu bari mu byiciro bya c, d na e batishoboye ugendeye ku mibereho ya sosiyete Nyarwanda muri iki gihe. Bitewe n'uko amakuru arambuye kuri uyu mushinga yatanzwe, buri mushinga ushamikiyeho ugomba gusuzumwa hagamijwe kugenzura niba ibibazo byose bishobora kubangamira abantu batishoboye byirinzwe cyangwa se hari uburyo bwo guhangana nabyo.

Imbonerahamwe ya 10.1.3. Gusuzuma ingarumba zihari ku bantu batishoboye
Ese abakuriye EA/EE ndetse n'indi mishinga y'ingenzi bafite politiki, amabwiriza, gahunda n'ubushobozi bakwifashisha bagenzura ko: (a) ahakorerwa ibikorwa by'umushinga harasuzumwa hagamijwe kureba niba horohereza abantu batishoboye cyangwa abanyantege nke cyangwa abandi bantu ku giti cyabo

82 Uburinganire bivuze guha abantu bose inyungu zingana hatitawe ku gitsina cyabo, ubwuzuzanye byo bikavuga guha buri muntu inyungu zishobora kuba zitandukanye n'iz'undi bitewe n'ibintu runaka ariko bigakorwa mu buryo bunoze kandi butanga umusaruro witezwe.

(harimo abamugaye); (b) abayoboye umushinga basuzumye kandi basobanukiwe neza ibikorwa by'imibereho n'ibikenerwa n'abantu bafatwa nk'abanyantege nke, abatishoboye bahererey ahakorewa ibikorwa by'umushinga; (c) ibibazo n'ingaruka mbi zishobora guterwa n'uyu mushinga byaba ibifatika n'ibidafatika, bitabangamira abatishoboye cyangwa abanyantege nke; (d) impinduka zatewe n'umushinga ku mikoreshereze y'ubutaka, gushyira ubutaka mu byiciro no/cyangwa ibijyanye no kubutunga bitabangamira abantu bafatwa n'abanyantege nke harimo n'abantu bashobora kuba barimuwe mu gace gakoreramo umushinga; (e) nta vangura rikorerwa abatishoboye cyangwa abanyantege nke mu bikorwa by'umushinga ku byerekeye kubona umutungo, serivisi cyangwa izindi nyungu zose zikomoka ku mushinga?
• **OYA (ku byavuzwe haruguru byose)** • **BIZAGENWA/BIZAFATWAHO UMWANZURO (TBD)** • **YEGO (ku byavuzwe haruguru byose)**
Niba ari OYA cyangwa BIZAGENWA/BIZAFATWAHO UMWANZURO, tanga amakuru arambuye arimo uko bizakorwamo cyangwa inzira bizanyuramo kugira ngo hamenyekane ibibazo bizabangamira abantu batishoboye hanyuma wongereho ingaruka z'isuzuma n'isesengura ry'ingaruka zivugwa mu mbonerahamwe yo mu gace ka 10.1.

10.1.4. Uburenganzira bwa muntu

Uyu mushinga ufite intego yo guteza imbere ibidukikije n'imibereho myiza harimo guteza imbere ibikorwa by'imibereho y'abaturage bigirira inyungu abari mu byiciro by'abanyantege nke nk'abagore, urubyiruko, abasigajwe inyuma n'amateka ndetse n'ibindi byiciro by'abantu aho ibibazo ku burenganzira bwabo bititabwaho. Ibi bivuze ko, ibibazo bijyanye n'uburenganzira bwa muntu bishobora kuvuka muri uyu mushinga, hakaba rero hakenewe ubushishozi. Hazakorwa isuzumwa ryihariye kuri buri hantu hakorera umushinga, abagenerwabikorwa ndetse n'ibindi byihariye bizagenwa nyuma yo kugisha unama abaturage n'abafatanyabikorwa. Ibibazo by'uburenganzira bwa muntu kuri buri gikorwa kigize ESS, bivugwa mu gace ka 10.2. kugeza ku ka 10.8. ingamba zo guhangana n'ibibazo bijyanye n'uburenganzira bwa muntu bishobora kugaragazwa binyuze mu rwego rwa GRM y'umushinga (agace ka 10.9) cyangwa bigahita bigezwa ku Ishami ryigenga rishinzwe gukemera ibibazo muri GCF (agace ka 10.9). Nyuma y'ibyo, Leta y'u Rwanda ifite Komisiyo y'igihugu y'uburenganzira bwa muntu ifite inshingano

nyamukuru yo guteza imbere no kurengera uburenganzira bwa muntu, iyi Komisiyo ikaba yarashyizweho mu rwego rwo gushaka amakuru ajyanye n'ibibazo bibangamira uburengazira bwa muntu n'uburyo bwo kubikemura, uyu mushinga rero ukaba uzajya wiyambaza iyi komisiyo mu gihe havutse ikibazo.

Imbonerahamwe ya 10.1.4. Gusuzuma ingaruka ku burenganzira bwa muntu

Ese abakuriye EA/EE ndetse n'indi mishinga y'ingenzi bafite politiki, amabwiriza, gahunda n'ubushobozi bakwifashisha bagenzura ko:

(a) umushinga utazagira ingaruka mbi ku burenganzira bwa muntu (mbonezamubano, politiki, ubukungu, imibereho myiza n'umuco) bw'abantu ku giti cyabo cyangwa amatsinda y'abantu bitewe no gufata ibyemezo bya Guverinoma cyangwa ibindi bigo bigamije guca intege ibikorwa byo kurengera uburenganzira bwa muntu cyangwa bituma n'abandi bafatanyabikorwa badohoka mu kubahiriza uburenganzira bwa muntu (urugero, gusimbuza abayobozi n'inzego gakondo n'abayobozi b'ibigo bikozwe n'abayobozi bo mu gace gakomye, ibi bikagira ingaruka kuri gahunda isanzwe ya gakondo yo guhagararirwa muri politiki, ububasha no gufata ibyemezo ni ukuvuga uburenganzira bw'abaturage ku bijyanye na politiki n'ibindi);

(b) umushinga wirinda ibikorwa bishobora kubangamira uburenganzira bw'abantu ku giti cyabo cyangwa amatsinda y'abantu ku byerekeye ubukungu n'imibereho myiza, ni ukuvuga, uburenga bw'abantu bwo kubona ibyo bakenera by'ibanze (urugero, ubuvuzi, cyangwa uburezi, amazi meza, ibikorwa bibyara inyungu, kubona umutungo, gushobora kwitunga/kubaho);

(c) umushinga utabangamira abantu mu kubabuza kubona umutungo uko bikwiye, guhabwa serivisi zinoze cyangwa se kubona iby'ibanze bakenera, cyane cyane abatishoboye cyangwa abandi bantu ku giti cyabo barimo abamugaye;

(d) umushinga wirinda ibikorwa bihonyora uburenganzira bujyanye n'iyubahirizwa ry'amategeko agenga imiburanishirize; ibi bivuze igikorwa icyo ari cyose kigendanye no guheza umuntu ku giti cye cyangwa itsinda ry'abantu mu byemezo bishobora kubagiraho ingaruka (urgero: ku ikoreshwa ry'umutungo Kamere, ikoreshwa ry'ubutaka, n'ibindi) cyangwa bibabuza kubona amakuru y'ingenzi ku bintu bagizemo uruhare;

(f) umushinga wirinda itoneshwa rikorerwa abantu ku giti cyabo cyangwa amatsinda y'abantu mu bijyanye no kubona umutungo cyangwa serivisi zitangwa n'umushinga;

(g) ibikorwa by'umushinga bitiharirwa na bamwe bikaba byatumye habaho ihezwa ry'abantu batishoboye cyangwa se abo bantu bagahezwa muri izo serivisi cyangwa umuntungo;

(h) umushinga ntugira uruhare mu ivangura rishingiwe ku moko, igitsina, imyaka, ururimi, ubumuga, imyumvire ku bijyanye n'imibonano mpuzabitsina, imiterere ijyanye n'igitsina, idini, imyumvire ya politiki cyangwa indi myumvire, inkomoko y'igihugu cyangwa imibereho cyangwa akarere, umutungo, uko umuntu yavutse cyangwa indi miterere harimo nko gusigazwa inyuma n'amateka cyangwa kuba mu itsinda rya ba nyamuke;

(i) ibikorwa b'umushinga bitazatiza umurindi cyangwa ngo byongerere ubukana amateka shingiye ku makimbirane ashingiye ku burenganzira bwa muntu cyangwa akarengane mu gace umushinga ukoreramo, harimo nko kudatanga ingurane ku butaka no/cyangwa umutungo mu gihe ahantu hagirwaga ahakomye?
• **OYA (ku byavuzwe haruguru byose)** • **BIZAGENWA/BIZAFATWAHO UMWANZURO (TBD)** • **YEGO (ku byavuzwe haruguru byose)**
Niba ari OYA cyangwa BIZAGENWA/BIZAFATWAHO UMWANZURO, tanga amakuru arambuye arimo uko bizakorwamo cyangwa inzira bizanyuramo kugira ngo hamenyekane ibibazo bizabangamira uburenganzira bwa muntu hanyuma wongereho ingaruka z'isuzuma n'isesengura ry'ingaruka zivugwa mu mbonerahamwe yo mu gace ka 10.1.

10.2. ESS 2. Gusuzuma no gusesengura gahunda yo guhangana n'ibibazo bibangamiye umurimo n'uburyo bw'imikorere y'akazi

Mu gushyira mu bikorwa umushinga, AE/EE izanononsora amakuru akubiye muri iki gice kugir ango yorohereze igenamigambi n'ishyirwa mu bikorwa ry'umushinga. Iki gice kigaragaza ibisabwa ndetse n'ibibazo bihari mu mushinga, ibi bikazafasha AE/EE kumenya umutungo ukenewe mu gukemura ibibazo bijyanye n'umurimo muri uyu mushinga binyuze muri gahunda yo guhangana n'ibibazo byugarije umurimo n'imikorere y'akazi (LWCRMP). Iyi ni inyandiko y'ingirakamaro, izasuzumwa kandi ivugururwe mu gutezimbere no gushyira mu bikorwa umushinga. Aho amategeko y'igihugu atanga igisubizo kuri ibyo bisabwa bijyanye n'umurimo, bigaragara mu nyandiko imwe idafitiwe kopi. Inyandiko ivuguruye igezweho ya LWCRMP izagezwa ku bantu barebwa n'umushinga, barimo abakozi bo mu Ishami rishinzwe gukurikirana ibikorwa by'umushinga, ba rwiyemezamirimo n'abashinzwe gukora imirimo hamwe n'abakozi b'umushinga, kugira ngo barusheho gusobanukirwa neza n'ibisabwa ku bibazo runaka bijyanye n'umurimo. Gahunda igaragaza aho amkuru azava nka kimwe mu bizasuzumwa mu ihe cyo gushyira mu bikorwa umushinga. LWCRMP izagendera ku bintu bibiri by'ingenzi – amabwiriza ngengamikorere mpuzamahanga na politiki za Leta zafasha.

Mu rwego rwo kugenzura ko amabwiriza ajyanye n'umurimo ndetse n'ubwirizi/umutekano ku kazi yubahirijwe, mbere yo guha abantu akazi, abahuzabikorwa b'itsinda rishinzwe gukurikirana ibikorwa bazahabwa amahugurwa ku bijyanye n'umurimo ndetse n'umutekano wo ku kazi hagamijwe kugenzura ko abakozi barindwa indwara, ibyorezo, gukomereka bishobora guterwa n'akazi bakora. Ishami rishinzwe gukurikirana ibikorwa by'umushinga (PMU)rizaba rishinzwe gukurikirana ibijyanye n'aya mahugurwa ku bantu bose bashinzwe gushyira mu bikorwa uyu mushinga. Iri shami rizakurikirana ibikorwa bya buri hantu (site) harebwa ibijyanye n'umurimo

ndetse n'umutekano w'abahagarariye umushinga, baba abahawe akazi n'umushinga cyangwa abandi bakozi bashyizweho na ba rwiyemezamirimo mu rwego rwo kugenzura ibijyanye n'umurimo ndetse n'ubumutekano. Aba bakozi bazashyirwaho mu rwego rwo kugira ngo bakurikirane ibijyanye n'iyubahirizwa ry'amabwiriza yerekeye umurimo n'umutekano, bashyiraho uburyo bunoze bwo kugaragaza icyo umuntu atishimiye ndetse n'uburyo bwo gushyira ku murongo no gukemura bene ibyo bibazo, bazaba bashinzwe kandi gukurikirana ibijyanye na gahunda y'ubutabazi n'ubwirinzi kuri buri hantu hari ibikorwa by'umushinga, no kuhasura kenshi kugira ngo barebe niba ibisabwa byubahirizwa, ndetse n'akandi kazi bashobora guhabwa. Uyu mukozi ushinzwe umurimo n'umutekano mu kazi azakorana bya hafi n'ubuyobozi bw'umushinga ndetse na Leta y'u Rwanda kugira ngo hagenzurwe ko amategeko na politiki by'umurimo n'umutekano ku kazi byubahirizwa.

Aho buri bakozi bafitanye isano n'ibikorwa biterwa inkunga na GCF hagenwa hashingiwe ku isano y'akazi iri hagati ya AE/EE n'abakozi b'umushinga mu bikorwa byawo byose. ESS2 ireba abakozi b'umushinga bahoraho, ab'igihe gito, abakora rimwe na rimwe, abakora mu gihe runaka, n'abakozi b'abimukira (imbonerahamwe ya 10.2.1.)[83]

Imbonerahamwe ya 10.2.1. Ibisobanuro by'abakozi

Umukozi w'umushinga: Ni umukozi wagiranye Amasezerano y'umurimo na AE/EE, kandi akaba agengwa n'amabwiriza n'ubugenzuzi bya buri munsi byatnzwe na AE/EE. Aha twatanga ingero z'abakozi bahawe akazi n'ishami rishinzwe ishyirwa mu bikorwa ry'umushinga wa AE/EE bagahabwa inshingano yo gukora inyigo n'ubugenzuzi, gukurikirana no gusuzuma ibikorwa, cyangwa gukorana n'abaturage mu bikorwa by'umushinga.

Abagishwanama: Ni inzobere mu bintu runaka, bahabwa akazi na AE/EE ubwayo cyangwa binyuze mu bufatanyabikorwa bayo ariko hagishijwe inama AE/EE. Aba bakora akazi kabo akenshi mu gihe runaka ku buryo budahoraho, bakagenerwa igihembo/insimburamubyizi nyumo yo gushyira umukono ku masezerano no kurangiza inshingano bahawe. Aba bashobora kuba abanyamahanga cyangwa abanyagihugu.

Umukozi ukorera ku masezerano: Ni umukozi wahawe akazi n'abandi bantu bafatanya n'umushinga hagishijwe inama AE/EE, uyu akaba aba ashinzwe gukora akazi runaka cyangwa gutanga serivisi runaka bijyanye n'ibikorwa nyamukuru[84] by'umushinga, bene aba bakozi bakurikiranwa kandi bakagenzurwa, bagakurikiranwa mu kazi kabo kandi bakanagendera ku mabwiriza y'abandi bantu bafatanya n'umushinga babahaye akazi. Iyo bimeze gutyo, isano y'akazi iba iri hagati y'umufatanyabikorwa n'umukozi w'umushinga, kabone nubwo uwo mukozi w'umushinga aba akora hashingiwe ku bikorwa by'umushinga birimo gukorwa.

Umukozi ukorana n'abaturage: Imishinga ishobora gukoresha abakozi bakorana

83 Abakozi b'abimukira ni abakozi baturutse mu gihugu kimwe bajya mu kindi cyangwa bava mu gice kimwe cy'igihugu bajya mu kindi hagamijwe gushaka akazi.

84 Ibikorwa nyamukuru by'umushinga ni ibikorwa by'ingenzi bijyanye no gukora ibintu runaka cyangwa gutanga serivisi runaka mu mushinga ku bruyo bidakozwe byatuma umushinga uhagarara.

n’abaturage bitewe n’impamvu zitandukanye, nk’aho imirimo iba izakorwa n’abaturage mu rwego rw’umushinga cyangwa se ibikorwa by’umushinga biteganyijwe bikaba bigamije guteza imbere imibereho y’abaturage no kuyinoza cyangwa gutanga ubufasha bukenewe mu miryango yazahajwe n’amakimbirane. Hashingiwe ku miterere n’intego by’umushinga, ibisabwa na ESS7 hari igihe bidakurikizwa byose. Muri byose, AE/EE izasaba ko hari amabwiriza yubahirizwa kugira ngo hagenzurwe niba ako kazi kazakorwa mu rwego rw’ubukorerabushake nk’umusaruro utanzwe n’umuntu ku giti cye cyangwa niba ari ibyemeranyijwe n’abaturage. Hashingiwe ku miterere n’imbogamizi ziri muri aka kazi ko gukorana n’abaturage, AE/EE izagena amabwiriza ya ESS7 agomba kubahirizwa.

Kugirana amasezerano n’abaturage: Imishinga ishobora kuba ikubiyemo amasezerano yo kubungabunga ibidukikije, Amasezerano ijyanye no gutanga agahimbazamusyi/amafaranga, kwishyura serivisi za gahunda z’ibidukikije, n’ibindi, kandi ayo masezerano ashobora kuba akubiyemo ingingo zijyanye n’ibihembo/umushahara, ubwishingizi n'ubwirinzi ku kazi n’ubuzima (ibikoresho by'ubuvuzi, imyambaro y’ubwirinzi, n'ibindi), n’uburyo bwo gukemura ibibazo.

Umukozi wa rwiyemezamirimo w’ibanze ugemura ibikoresho: Ni umukozi wahawe akazi na rwiyemezamirimo w’ibanze ugemura ibikoresho, ugemura ibicuruzwa n’ibikoresho ku mushinga, akaba agenzurwa n’uwo wamuhaye akazi mu kazi ke, imikorere ye akaba ari nawe umwitaho. Mu gusobanura ibi, hari amabwiriza ko ibicuruzwa n’ibikoresho bigezwa mu buryo buhoraho ku mushinga nta handi binyuze kugira ngo ibikorwa nyamukuru by’umushinga bishyirwe mu bikorwa. Ibi bivuze ko urwego rwa kabiri, urwa gatatu, n’izindi nzego ziri mu runana rwo kugemura ibikoresho (rimwe na rimwe bita *Urwego rwa* 2 na *Urwego rwa 3*) zitishyurwa na ESS2.

Iyo hari **abakozi ba Leta** bakorana n’umushinga, byaba igihe gihoraho cyangwa gito, abo bakozi bakomeza kugengwa n’amasezerano asanzwe ahari bagiranye na Leta, kereka iyo habayeho ko akazi kabo kimurirwa mu mushinga mu buryo bwemewe n’amategeko. ESS2 ntizakurikirwa kuri bene abo bakozi ba Leta, keretse ku bijyanye n’amategeko yerekeye ubuzima n’umutekano ku kazi.

1. Incamake ku bijyanye n’umurimo muri uyu mushinga

Umubare w’abakozi b’umushinga:

Muri uyu mushinga, AE/EE izakoresha abakozi basanzwe bafite ubumenyi mu bikorwa by’umushinga (basanganywe ubumenyi bukenewe mu gushyira umushinga mu bikorwa) ndetse n’abandi bakozi babafasha hamwe n’abagishwanama/abajyanama (Abanyagihugu, abo mu karere cyangwa abaturutse hirya no hino ku isi). Abakozi bashinzwe gushira mu bikorwa uyu mushinga bazajya bakora mu gihe gihoraho cyangwa mu gihe gito cyane cyane ku bakozi ba Leta ku rwego rw’igihugu cyangwa mu nzego z’ibanze. Imyanya ihari izajya ishyirwamo abakozi mu gihembwe cya mbere cy’ishyirwa mu bikorwa ry’umushinga. Aba bakozi bazajya bagengwa n’amategeko n’amabwiriza ashingiye ku itegeko ry’umurimo mu Rwanda.

Hano hari urudonde rurambuye rw’abakozi b’ingenzi bazakenerwa mu mushinga:

	Abakozi b'umushinga		Abajyanama		Abakozi ku bw'amasezerano	
	Abafite ubumenyi	Abafite ubumenyi buringaniye & abadafite ubumenyi	Abanya gihugu	Abanyamahanga	Abafite ubumenyi	Abafite ubumenyi buringaniye & abadafite ubumenyi
RFA	37	1	19	44		22,592
PMU	5	1				

Uyu mushinga uzakoresha abakozi bafite ubumenyi buringaniye ndetse n'abadafite ubumenyi baturutse muri ako gace bahabwe inshingano zo gukora ibikorwa bijyanye no gusana ibyangiritse/gusubiza ibintu mu buryo. Bamwe bazahabwa akazi na RFA nta wundi binyuzeho n'aho abandi bagahabwe na ba rwiyemezamirimo bafitanye amasezerano na RFA, kandi bazakora mu buryo bw'amasezerano, banahembwe byuzuye hashingiwe ku mushahara wumvikanyweho mu masezerano.

Hazashingirwa ku makuru ashingiye ku bikorwa bya Leta byakozwe mbere/biheruka mu kumenya umubare w'amafaranga azakenerwa.

Ibindi biranga abakozi:

• Usibye ubumenyi bwihariye bushobora guturuka hanze y'igihugu, abakozi benshi bazaturuka mu gihugu hashingiwe ku biteganywa n'amategeko y'igihugu. Abakozi bose bafite ubumenyi buringaniye ndetse n'abatabufite bazakurwa imbere mu gihugu mu rwego rwo kongerera ubushobozi mu by'ubukungu abaturage bo muri ako gace umushinga ukoreramo ndetse no gusigasira ubumwe no gushyira hamwe byabo. Abakozi bose bazashyirwa mu myanya nta wundi muntu uwo ari we wese binyuzeho. Kugeza ubu, umubare wa ba rwiyemezamirimo bazakenerwa nturamenyekana bitewe n'uko amategeko agenga itangwa ry'amasoko mu Rwanda yemerera rwiyemezamirimo kugira amasoko arenze rimwe, kubera ibyo rero n'umubare wa ba rwiyemezamirimo bazahabwa inshingano zo gukora imirimo nturamenyekana, kubera ko abazahabwa ako kazi bazwi na ba rwiyemezamirimo batsindiye amasoko. Gusa, LWCRMP izagenda imenya amakuru uko umushinga ugenda usobanuka hagendewe ku mirimo ikenewe kugira ngo umushinga ushyirwe mu bikorwa.

• Abakozi b'umushinga bazashyirwa mu myanya nta vangura iryo ari ryo ryose ribayeho nk'uko biteganywa n'Itegeko rigenga umurimo mu Rwanda cyane cyane mu ngingo yaryo ya 9 itegenya ko "Umukoresha agomba guha abakozi amahirwe angana mu kazi. Umukoresha abujijwe gukora ivangura mu kazi rishingiye ku bwoko, ku muryango cyangwa ku gisekuru, ku nzu, ku ibara ry'umubiri, ku gitsina, ku karere, ku byiciro by'ubukungu, ku idini cyangwa ukwemera, ku bitekerezo, ku mutungo, ku itandukaniro ry'umuco, ku rurimi, ku bumuga bw'umubiri cyangwa ubwo mu mutwe no ku rindi vangura iryo ari ryo ryose. Umukoresha wese

agomba guhemba umushahara ungana abakozi bakora imirimo y'agaciro kangana nta vangura iryo ari ryo ryose". Iri tegeko ni naryo rizakoreshwa niharamuka havutse ibibazo byerekeye umurimo.

- Abakozi b'umushinga bazakorana n'abayobozi b'inzego z'ibanze ndetse n'abahagarariye abaturage kugira ngo hashyirweho ibigenderwaho byatuma ubwitabire bw'ingo burushaho kwiyongera mu gushyira umushinga mu bikorwa, ibyo birimo nko gushaka umukozi umwe ushinzwe buri rugo.

- Byinshi mu bikorwa by'uyu mushinga ntibisaba ubumenyi buhambaye cyane cyane ku mirimo idakenera inzobere mu bumenyi runaka, ibi rero bikaba bishobora gutera ikibazo cyo kuba hazamo n'abana batarageza imyaka yo gukora, bikaba byatera ikibazo cyo guta ishuri mu baturage.

- Mu rwego rwo gukumira ikoreshwa ry'abana batarageza imyaka yo gukora, uyu mushinga uzisunga ingingo ya 6 y'Imategeko rigenga umurimo aho biteganyijwe ko imyaka nta muntu wemerewe gukoresha umuntu utarageza imyaka 16, kandi iryo tegeko rinabuza gukoresha abana batarageza ku myaka y'ubukure imirimo ishobora guteza akaga. Ingingo ya 7 ibuza uburyo ubwo aribwo bwose bwo gukoresha imirimo y'agahato, ingingo ya 8 ibuza guhoza ku nkeke uwo ukuriye mu kazi hagamijwe imibonano mpuzabitsina. Guhoza ku nkeke uwo ukuriye mu kazi hagamijwe imibonano mpuzabitsina ku buryo ubwo ari bwo bwose birabujijwe. Kwirukana umukozi ku kazi kubera ko yatanze amakuru cyangwa ubuhamya ku bijyanye no guhozwa ku nkeke hagamijwe imibonano mpuzabitsina bikozwe n'umukuriye mu kazi birabujijwe. Igihe hari ibimenyetso bifatika byemeza ko umukozi yasezeye ku kazi kubera guhozwa ku nkeke n'umukuriye agamije gukorana na we imibonano mpuzabitsina, bifatwa nko kwirukanwa ku kazi nta mpamvu. Abakozi bose b'umushinga bazajya bashyira umukono ku mabwiriza agenga imyitwarire.

- Uretse abajyanama b'abanyamahanga bashobora guhabwa Amasezerano yo gukora imirimo yihariye runaka isaba ubuhanga bwihariye butaboneka imbere mu gihugu, muri uyu mushinga, hashobora kudazakenerwa cyane abakozi b'abimukira. Gusa, biramutse bibaye ko bahabwa akazi, hazakurikizwa Itegeko rigenga umurimo ndetse n'andi mategeko afitanye isano naryo mu Rwanda, cyane cyane mu ngingo y'Itegeko n° 66/2018 ryo ku wa 30/08/2018. Abajyanama (abakozi ngishwanama) b'abanyamahanga bazagengwa n'Itegeko n°57/2018 ryo ku wa 13/08/2018 rigenga abinjira n'basohoka mu Rwanda iteganya ibijyanye no kwemererwa gutura mu Rwanda ku bakozi b'abanyamahanga.

Imishahara: iyo nta tegeko rigena umushahara fatizo mu gihugu, mu gihugu hose abakozi badafite ubumenyi bukenewe bahembwa ku munsi amafaranga ari hagati ya FRW 1500-2000 na FRW 5000-7000 ku bakozi bafite ubumenyi buringaniye. Bityo, usibye kuba habaho ibiganiro hagati ya EE cyangwa rwiyemezamirimo n'abakozi ku bijyanye no kuba ayo mafaranga yakongerwa, naho ubundi EE na ba rwiyemezamirimo bazakurikiza ibisanzwe bikorwa (amafaranga asanzwe atangwa). Muri byose, umushahara uheruka gutangwa n'iyindi mishinga irimo gukorwa cyangwa yasoje ibikorwa byabo mu minsi ya vuba iheruka ku bikorwa bias n'iby'uyu mushinga ni wo uzashingirwa mu kumvikana ku mushahara ndetse no mu biganiro bigamije kubahiriza amabwiriza y'abagenzuzi b'umurimo ndetse n'amatsinda ya ESF. Mu rwego rwo kugenzura ko Itegeko ryubahirijwe muri uyu mushinga, EE n'abafatanyabikorwa bazasabwa gushyikiriza Uturere kopi z'amasezerano y'akazi ku bakozi bose. Nta rwiyemezamirimo

uzemererwa kohereza umukozi we mu kazi igihe cyose azaba atarashyikiriza Umugenzuzi w'umurimo mu Karere kopi y'ayo masezerano y'akazi.

Abakozi b'abimukira: Birashoboka cyane ko muri uyu mushinga hakenerwa abakozi b'abimukira (baba abaturuka imbere mu gihugu cyangwa abanyamahanga). Gusa, biramutse bibaye ko bahabwa akazi, hazakurikizwa Itegeko rigenga umurimo ndetse n'andi mategeko afitanye isano naryo mu Rwanda, cyane cyane mu ngingo y'Itegeko n° 66/2018 ryo ku wa 30/08/2018. Abajyanama (abakozi ngishwanama) b'abanyamahanga bazagengwa n'Itegeko n°57/2018 ryo ku wa 13/08/2018 rigenga abinjira n'basohoka mu Rwanda iteganya ibijyanye no kwemererwa gutura mu Rwanda ku bakozi b'abanyamahanga..

2. Isuzuma ry'ibibazo by'ingutu bijyanye n'umurimo

Ibikorwa by'umushinga: Uyu mushinga uzaba ukubiyemo ibikorwa bikurikra bizasobanurwa mu gihe cyo gushyira umushinga mu bikorwa. Ibikorwa by'umushinga bikora ku buzima bw'imibereho y'abaturage urebeye byo byarasobanuwe mu gihe aho bizakorerwa n'ishyirwa mu bikorwa byabyo bizagenwa hashingiwe ku bitekerezo by'abafatanyabikorwa ndetse n'abaturage mu ishyirwa mu bikorwa ry'umushinga.

- Ubutabazi bujyanye no kurwanya inkongi
- Guteza imbere za pepeniyeri z'ibiti
- Gukwirakwiza ibiti bikoreshwa mu kugaburira amatungo
- Kuvugurura amashyamba muri Pariki ya Nyungwe, (hegitari 4500), Giswati (hegitari 500) ndetse no duce tw'imigezi (hegitari 1500) – Iki gikorwa kizakenera abakozi 3000 bazaba bashinzwe guharura no gukura ibihuru n'imishurushuru mu mashyamba no kongera gutera ibiti bya gakondo. Bazakorera ahantu hahanamye, bakoresha ibikoresho bishobora gukomeretsa, ndetse bashobora no kuzajya barara muri ayo mashyamba. Akazi kazaba gafunguye ku Bagabo n'abagore, bityo ibibazo bijyanye n'ihohoterwa rishingiye ku gitsina (SEAH) bizitabwaho kandi bikemurwe hashingiwe ku bivugwa mu mugereka wa 8.
- Kuvugurura ubutaka bwa Leta n'ubw'abantu ku giti cyabo buri kuri hegitari 2500
- Kuvugurura inzuri ziri kuri hegitari 1000
- Ibikorwa byo gutera ibiti bivangwa n'imyaka harimo no kwita ku buryo biherekanywamo
- Gutunganya amatarasi
- Guteza imbere ibikorwa by'imibereho y'abaturage birimo
    - Gutera amashyamba no gutera ibiti bivangwa n'imyaka birimo Makadamiya, avoka, imiteja, n'insenda za pilipili
    - Ubuvumvu bugezweho
    - Ubukerarugendo bugamije gusura urusobe rw'ibinyabuzima muri Giswati & Mukura
    - Guteza imbere ubucuruzi bw'ibikomoka ku buhinzi
    - Amashyiga ya rondereza/atabangamira ikirere

Amakuru arambuye kuri ibi bikorwa azamenyekana mu gihe cyo gushyira uyu mushinga mu bikorwa.

Ibibazo bikomeye bijyanye n'umurimo:

Mu gushyira mu bikorwa uyu mushinga, ibibazo bijyanye n'umurimo bizasobanurwa; kugeza ubu ibibazo byitezwe ni ibi bikurikira:

- Gukorera akazi ahantu hahanamye hashobora gutera impanuka, mu misozi miremire hasaba gukoresha ibikoresho bishobora gukomeretsa. Hamwe mu hantu ibyo bikorwa bizakorerwa hazaba hitaruye kandi ari kure y'ibikorwaremezo by'ubuvuzi. Nubwo haba atari kure cyane, gutera ibiti by'imbuto ahantu hateguriwe guterwa ibiti bivangwa n'imyaka bishobora nabyo gutera abakozi ibibazo bias nk'ibyo. Ibikorwa byo gutunganya amatarasi y'indinganire ahantu hazaterwa ibiti nabyo bishobora gutera impanuka cyane cyane mu gihe ikirere kitameze neza. Abakozi bazaba basabwa kuba biteguye gutanga ubutabazi bw'ibanze bujyanye no gukomeretswa n'ibintu bihanuka hasi, kunyerera no guhanuka/kugwa hasi, kunanirwa cyane, kurumwa n'udukoko, kurumwa n'inzoka, impanuka zisanzwe z'ibinyabiziga abakozi bajya cyangwa bava ku kazi, ndetse ukaba wanakwisanga mu kaga gaterwa n'ibintu byangiza birimo guhumeka imyuka ihumanya ituruka mu bihuru. Ku bakozi barara ku kazi ahantu hitaruye, bashobora guhura n'ibibazo byo kutabungabunga neza umwanda uturuka aho bakorera. Ikindi kandi, hashobora kuvuka ibibazo byihutirwa bitewe n'ahantu hahanamye cyangwa inkangu, gutenguka k'ubutaka (imyuzure) ndetse n'inkongi z'umuriro. Kuvugurura ibikorwa by'ubuvumvu bishobora gutera ibibazo byo kudwingwa n'inzuki, gukora amashyiga bishobora gusaba gukoresha ibikoresho bishobora guteza ibibazo/gukomeretsa.
- Nubwo bishoboka, gukoresha abana batarageza imyaka yo gukora cyangwa imrimo y'agahato, ni ikibazo hashingiwe k'uko abakozi bahabwa akazi badasabwa ubumenyi buhambaye. Leta y'u Rwanda ntiyemera ibikorwa, hakenewe isuzuma ndetse n'amahugurwa kandi ubuyobozi bukwiye gushyiraho ingamba zo guhangana n'iki kibazo. Ibi bibazo byaragaragaye hashingiwe ku makuru ajyanye n'ihohoterwa rishingiye no gukoresha abana batarageza imyaka yo gukora mu bikorwa bijyanye n'icyayi[85]
    - Kubera ko abagenerwabikorwa muri uyu mushinga ari abagore, urubyiruko n'abasigajwe inyuma n'amateka, hitezwe ko ku kazi hashobora kuvuka ibibazo bijyanye n'ivangura ndetse n'ihohoterwa rishingiye ku gitsina, ibi bizakemuka binyuze mu guhugura amatsinda yo mu gace gakoreramo umushinga ndetse no gukora ubukangurambaga ku ihohoterwa rishingiye ku gitsina (SEAH).
    - Impanuka cyangwa ibindi bibazo byihutirwa bishobora kuvuka mu gikorwa icyo ari cyose cy'uyu mushinga. ESS4 izashyiraho gahunda zijyanye n'ubutabazi ku hantu hose hakorerwa ibikorwa by'umushinga kandi izo gahunda zibe ziboneka ku bakozi b'umushinga bose, ba rwiyemezamirimo bahawe gukora imirimo ndeste n'abandi bose barebwa n'ibikorwa by'umushinga mu gihe hakenewe ubutabazi. Gahunda ijyanye n'ubutabazi izaba inakubiyemo ibijyanye no kubahiiriza amabwiriza agendanye n'ubuzima n'umutekano/ubwirinzi mu kazi.

Uburyo bwo guhangana n'ibi bibazo bukubiyemo ubu bukurikira:

85_____2022. List of goods produced by child labor or forced labor. United States Department of Labor. Accessed at https://www.dol.gov/agencies/ilab/resources/reports/child-labor (last visited 25 October 2022)

- Guhitamo abayobozi b'amatsinda no kubahugura ku bijyanye n'ubutabazi n'ubwirinzi by'ibanze
- Guhugura abari mu mushinga ku bijyanye n'ingamba z'ubwirinzi, ihohoterwa rishingiye ku gitsina (SEAH) ndetse no kwita ku bahuye n'ibibazo by'ihihoterwa rishingiye ku gitsina, ndetse no ku bjiyanye n'ubutabazi bw'ibanze
- Guha amatsinda ibikoresho byifashishwa mu butabazi bw'ibanze
- Gushyiraho no kumenyekanisha gahunda yo gukura abantu ahantu hari akaga
- Gushyiraho no kumenyekanisha amabwiriza yerekeye imyitwarire
- Guhugura abakozi ku bijyanye n'amategeko n'amabwiriza byerekeye pariki
- Gutanga buri gihe amazi meza yo kunywa kandi atetse (yica udukoko/ibihumanya bituruka mu bimera)
- Guha abakozi bakorana n'abaturage udupfukamunwa
- Abakozi bose barasabwa kuba bafite ubwishingizi mu by'ubuvuzi (ubwishingizi bw'indwara)
- Amahugurwa ajyanye na tekiniki zo kuvugurura (gusubiza ubuzima) amashyamba
- Umukoresha agomba kwishyurira abakozi amafaranga y'ubwizigame bw'iza bukuru

3. Incamake ku mategeko yerekeye umurimo: Amategeko n'amabwiriza

Itegeko nyamukuru rigenga umurimo n'imikorere y'akazi mu Rwanda ni Itegeko rigenga umurimo ryo muri 2009, n'andi Mateka ya Minisitiri yerekeye ubuzima n'umutekano (ubwirinzi) mu kazi. Iri tegeko n'amateka ajyanye naryo atanga asubiza ibibazo by'ingenzi bijyanye n'umurimo bikurikira:

1) Uburenganzira bw'ibanze
2) Amasezerano y'akazi, kwigira mu kazi no kwimenyereza akazi
3) Imiterere rusange y'akazi
4) Umushahara
5) Ubuzima n'umutekano mu kazi
6) Amashyirahamwe y'abakozi n'ay'abakoresha
7) Amakimbirane ashingiye ku murimo
8) Uburenganzira bwo gukora imyigaragambyo no gufunga imiryango
9) Inzego z'umurimo
10) Imenyekanisha rikozwe n'uruganda
11) Ibyaha n'ibihano byabyo, amakosa yerekeye ubuyobozi n'ibihano bigendanye
12) Amakosa yerekeye ubuyobozi n'ibihano byayo
13) Ingingo zinyuranye n'izisoza
14) Ibibazo byihariye byerekeye ubuzima n'umutekano mu Rwanda bikemurwa hashingiwe ku mategeko arimo aya akurikira:
    - Kugenzura ko abakoresha batanze ibikoresho by'ubutabazi bw'ibanze mu kazi,
    - Gusobanura gahunda zijyanye no kwimura abantu habaye ibyago bitunguranye, no kuyobora abantu ahaherereye amavuriro hafi;
    - Ibikoresho by'ubwirinzi bikwiye;
    - Guhugura abakozi ku ikoreshwa ry'ibikoresha by'ubwirinzi bihari ndetse n'ingamba

zerekerekeye kongerera abakozi ubumenyi bujyanye no kwirinda ibyago bishobora kuvuka mu kazi.

Kugira ngo hirindwe ivangura iryo ari ryo ryose, Itegeko ry'u Rwanda risaba abakoresha kudaha abantu akazi bashingiye ku bintu bindi bintu bwite bidafitanye isano n'ibisabwa kuri ako kazi. Itegeko Nshinga ry'u Rwanda ubwaryo riteganya ko abantu bose bafite uburenganzira bwo guhembwa kimwe nta vangura igihe bakoze akazi kamwe. Abakoresha/ibigo by'ubucuruzi nabo bategekwa gufata ingamba zifatika zo gukumira ihohoterwa iryo ari ryo ryose ku kazi. Hagomba gushyirwaho ingamba zihariye zo kurengera cyangwa gufasha abakozi bari mu byiciro by'abamugaye ndetse n'abatishoboye nk'abagore. Kudakurikiza aya mahame bishobora kubyara ibihano mbonezamubano cyangwa by'inshinjabyaha. Abakozi bemerewe kurega abakoresha babo mu gihe bashaka kubakoresha mu buryo budakwiye (Itegeko n° 66/2018 ryo ku wa 30/08/2018 rigenga umurimo mu Rwanda).

Itegeko rya Leta y'u rwnada risaba abakoresha/ibigo gukora uko bashobye bakarinda abakozi babo impanuka n'indwara. Mbere y'uko ibigo bitangira, abakoresha/ibigo by'ubucuruzi bagomba kugaragaza ibibazo bishobora kuvuka n'uburyo bunoze bwo guhangana n'ibibazo bihari bibangamira ubuzima n'imibereho myiza y'abakozi (Itegeko n° 66/2018 ryo ku wa 30/08/2018 rigenga umurimo mu Rwanda).

Abakoresha bagomba gutanga, ku mafaranga yabo bwite, ibikoresho by'ubutabazi bw'ibanze mu gihe habaye ibibazo bitunguranye cyangwa impanuka. Hariho Iteka rya Minisitiri rigena ibisabwa bijyanye n'ubuzima n'umutekano mu kazi hamwe n'irindi Teka rigena Ishyirwaho n'imikorere ya komite z'ubuzima n'umutekano ku kazi (Iteka rya Minisitiri N ° 01 ryo ku wa 17/05/2012 & Iteka rya Minisitiri N ° 02 ryo ku wa 17/05/2012). Bitewe n'imiterere y'akazi runaka, amategeko asaba umukoresha kwishyura amafaranga yu'bwishingizi ku girango mu gihe habaye uburwayi, gukomereka cyangwa gupfa, Ikigo cy'ubwishingizi abe aricyo kizirengera ibijyanye nabo byose (Itegeko n ° 66/2018 ryo kuwa 30/08/2018 rigenga umurimo mu Rwanda).

Ibi rero bikaba ari ngombwa by'umwihariko muri uyu mushinga, hashingiwe ku miterere y'ibikorwa biteganyijwe ndetse n'ibibazo bijyanye nabyo.

Amategeko kandi ateganya ibijyanye n'uburyo ubugenzuzi bw'umurimo bukorwamo aho abagenzuzi b'umurimo bashobora kuza ku kazi igihe icyo ari cyo cyose kugenzura iyubahirizwa ry'amabwiriza yerekeye ubwishingizi n'umutekano ku kazi harimo kugenzura niba nta bana bakoreshwa ndetse no gukemura amakimbirane ashobora kuba ari ahagati y'abakozi n'abakoresha.

Amategeko y'u Rwanda yubahirizwa ku bakozi bose bakorera ikigo cy'ubucuruzi cyangwa umushinga, kabone nubwo baba barahawe akazi binyuze ku wundi muntu (abafatanyabikorwa). Amategeko y'u Rwanda abuza ihohoterwa ryo ku kazi ririmo nko gukoresha abana batarageza imyaka yo gukora, imirimo y'agahato ndetse n'ivangura.

4. Abakozi babishinzwe

Bigomba kuzuzwa mu gihe cy'ishyirwa mu bikorwa ry'umushinga, iki gice kizagaragaza imirirmo cyangwa abantu ku giti cyabo bari mu mushinga bashinzwe (bibaye ngombwa):

- uruhare n'imicungire y'abakozi b'umushinga
- uruhare n'imicungire ya ba Rwiyemezamirimo/abakozi
- ubuzima bwiza n'umutekano ku kazi
- amahugurwa y'abakozi
- gukemura ibibazo akarengane by'abakozi

Mu bihe bimwe na bimwe, iki gice kigaragaza imirimo na/cyangwa abantu ku giti cyabo muri ba Rwiyemezamirimo cyangwa abakozi babo, by'umwihariko mu mishinga aho abakozi b'umushinga baba bakorera abandi bantu.

5. Ikigero cy'ubukure cyo guhabwaho akazi

Impungenge zishingiye ku gukoresha abana zasobanuwe birambuye na Gahunda y'Igihugu yo Kurandura burundu Ikoreshwa ry'Abana. Iyi gahunda igamije kurandura no kurwanya ikoreshwa ry'abana mu mirimo iteje akaga, gusubiza mu buzima busanzwe abana bavanywe mu mirimo y'agahato, ubukangurambaga ku kurwanya gushakira inyungu mu mirimo ikoreshwa abana no kumva neza impamvu abana bakoreshwa iyo mirimo.

Umukoresha afite inshingano zo kwirinda ko hari umwana uri munsi y'imyaka 16 bahuzwa no kumukoresha akazi mu nyungu ze cyangwa akandi kazi kose kabangamira uburezi bw'umwana. Iteka rya Minisitiri ufite umurimo mu nshingano ze rigaragaza urutonde rw'imirimo yoroheje umwana uri hagati y'imyaka 13 na 16 yemerewe gukora.

Uko ibisobanuro by'umushinga bigenda bigenwa, ni ko iki gice kizagenda gisobanura byimbitse:

- Imyaka itagibwa munsi mu gutanga akazi mu mushinga
- Ingamba zizakurikizwa mu kugenzura imyaka y'abakozi b'umushinga
- Ingamba zizakurikizwa nibiramuka bigaragaye ko hari abakozi bataruzuza imyaka bakora mu mushinga
- Uburyo bwo gukora isuzuma ry'ibyago ku bakozi bari mu kigero hagati y'imyaka fatizo yemewe n'imyaka 18.

6. Amategeko n'Amabwiriza

Agomba kubahirizwa mu gihe ibyerekeye umushinga mu wundi byarangijwe.

- Imishahara, ingengabihe n'ibindi biteganywa byihariye byerekeye umushinga
- Umubare ntarengwa w'amasaha y'akazi mu mushinga
- Andi masezerano rusange yose yerekeye umushinga. Iyo bibaye ngombwa, utanga urutonde rw'amasezerano ukanasobanura ibiyaranga by'ingenzi n'ibyo ateganya.
- Andi mategeko n'amabwiriza

7. Urwego rukemura ibibazo

U Rwanda rusanzwe rufite uburyo bwihariye bwo gukemura impaka zavuka mu kazi. Ariko nanone ruzamenyeshwa kandi rushobore kwibonera uburyo buteganyijwe bwo gukemura ibibazo ku rwego rusange rw'umushinga, buzatangazwa mu gihe cyo kwakira abakozi no mu mahugurwa

y'abakozi bose.

Ingingo ya 102 y'Itegeko N° 66/2018 ryo ku wa 30 Kanama 2018 rigena umurimo mu Rwanda riteganya ko iyo hari impaka izo ari zo zose zihariye z'umurimo hagati y'umukozi n'umukoresha, uruhande bireba rushobora gusaba intumwa z'abakozi kuzikemura mu bwumvikane. Iyo intumwa z'abakozi zinaniwe kuzikemura, uruhande bireba rubimenyesha Umugenzuzi w'Umurimo w'aho ikigo gihererereye. Iyo kubumvikanisha binaniranye, impaka zishobora gushyikirizwa Urukiko rubifitiye ububasha. Iyo intambwe zose zavuzwe hejuru zitakurikijwe, Urukiko rushobora gutangaza ko ikirego kitemerewe kwakirwa. Ibi bisobanuye ko umukozi agomba kubanza kunyura mu nzira zitari iz'inkiko mbere yo kugana inkiko.

8. Gukorana na ba Rwiyemezamirimo

Mu gihe cy'ishyirwa mu bikorwa ry'umushinga, iki gice kizasobanura birambuye:

- Uburyo bwo guhitamo ba Rwiyemezamirimo
- Ibiteganywa n'amasezerano bizakenerwa byerekeye ba Rwiyemezamirimo mu rwego rwo gukemura ibibazo by'akazi, harimo iby'ubuzima n'umutekano ku kazi
- Gusobanura ubwishingizi bwose
- Ingingo z'imicungire n'ikurikiranabikorwa ry'imikorere ya ba Rwiyemezamirimo.

9. Abakozi bo mu bice umushinga uzakoreramo

Mu ishyirwa mu bikorwa ry'umushinga, iki gice kizasobanura:

Aho abakozi bavuye mu baturage bo mu bice umushinga uzakoreramo bazinjizwa mu mushinga, uburyo bwo gukora akazi n'ibipimo byo gusuzuma niba abakozi baza gukora mu mushinga baza ku bushake. Iki gice kigomba nanone gutanga amakuru arambuye ku bwoko bw'amasezerano agomba guhabwa abakozi bo mu ibyo bice hamwe n'uburyo azandikwa.

10. Abakozi batanga ibikoresho by'ibanze

Mu ishyirwa mu bikorwa ry'umushinga, iki gice kizaba gikubiyemo:

Mu gihe hari impungenge ko hari imirimo ikoreshwa abana cyangwa akazi k'agahato cyangwa ibibazo bikabije by'umutekano bifitanye isano n'abatanga ibikoresho by'ibanze byaragaragajwe, iki gice kizasobanura uburyo bwo kugenzura no gutanga raporo ku bakozi batanga ibikoresho by'ibanze.

11. Isuzuma ry'ibanze ry'abakozi n'aho bakorera

Kuri buri buryo bwo gupanga akazi, AE/EE izasuzuma umurimo n'uburyo bwo gukoreramo akazi akoresheje isuzuma rikurikira rigomba gukorwa n'umukozi ushinzwe abakozi n'ubutegetsi afatanyije n'inzobere mu kubungabunga ibidukikije n'imiberehomyiza y'abaturage:

Imbonerahamwe 10.11.1. ESS 2: Gusuzumana ubushishozi Impanuka zikomoka ku Kazi no ku Buryo bwo Gukoreramo Akazi
Ese ba EA/EE n'abayobozi b'imishinga mito bireba bashyizeho ingamba, intambwe, uburyo n'ubushobozi bukenewe bwo kuba byizewe ko:

(a) uburenganzira bw'ibanze bw'abakozi, hagendewe ku Itangazo ry'Umuryango Mpuzamahanga w'Umurimo (ILO) ryerekeye ku mahame n'uburenganzira bw'ibanze ku murimo bwubahirizwa kandi burinzwe;

(b) ingingo zanditse z'imicungire y'umurimo zishyirwaho hakurikijwe amategeko yubahirizwa mu gihugu;

(c) abakozi bahabwa inyandiko ibasobanurira mu buryo busobanutse kandi bwumvikana amategeko n'amabwiriza by'akazi, harimo uburenganzira bwabo buteganywa n'amategeko ku byerekeye amasaha y'akazi, umushahara, amasaha y'ikirenga, amashimwe n'ibyo bahabwa bijyanye n'imiryango yabo.

(d) abakozi bahabwa mu buryo buhoraho kandi ku gihe imishahara yabo; ibihe bikwiye byo kuruhuka; ibiruhuko; konji y'uburwayi, iyo kubyara, iy'uko umugore yabyaye n'iy'indi mpamvu y'umuryango; integuza yo kwirukanwa yanditse n'imperekeza, nk'uko bisabwa n'amategeko y'igihugu ndetse n'ingingo z'imicungire y'umurimo;

(e) ibyemezo byerekeye buri gace k'isano ishingiye ku kazi, harimo gutoranya abakozi bashya, guha akazi umukozi ugengwa n'amasezerano n'uburyo bwo gufata abakozi bikorwa hashingiwe ku mahame yo kutavangura, y'uburinganire bw'amahirwe no gufata abantu mu buryo bungana, ntibishingira ku biranga umuntu bwite bidafite aho bihuriye n'ibisabwa n'akazi by'ingenzi;

(f) ingamba zihamye zashyizweho kugira ngo hakumirwe ibikorwa byo guhoza ku nkeke, ibikangisho, gukoresha agahato no kurinda abakozi b'abanyantege nke harimo, ariko bitagarukira kuri bo bonyine, abagore, abana bageze mu myaka yo gukora, abimukira n'abafite ubumuga.

(g) abakozi bitabira cyangwa barimo bashaka kwitabira imiryango y'abakozi n'iciriritanya rusange babikora nta we ubyivanzemo, ntibavangurwe, yewe ntibanihimurweho, kandi bagahabwa amakuru akenewe ku iciriritanya rifatika mu gihe gikwiye.

(h) imirimo y'agahato n'ikoreshwa abana idakoreshwa mu rwego rw'umushinga cyangwa rwa gahunda;

(i) ibyemezo byerekeye ubuzima n'umutekano ku kazi (OHS/SST) bishyirwa mu bikorwa kugira ngo hashyirweho kandi habungabungwe umwuka wizewe kandi mwiza w'akazi, harimo n'abakozi bo mu ishami rishinze kugemurira abakiriya iwabo ibyo bakeneye.

(j) abakozi bamenyeshwa uburyo bukoreshwa mu gukemura ibibazo n'amakimbirane buteganywa ku rwego rw'ikigo; hanyuma kandi

(k) abakozi bashobora gukoresha ubu buryo nta kwihorera kurimo, n'uburyo bwo gukemura impaka n'amakimbirane ntibubuze kugira uburenganzira ku bindi bisubizo by'ubutabera cyangwa by'ubutegetsi bihari hakurikijwe amategeko cyangwa hifashishijwe ingingo z'ubuhuza ziriho, cyangwa ngo busimbure uburyo bwo gukemura impaka buteganywa n'amasezerano rusange?

• **OYA (ku cyo ari cyo cyose mu biri hejuru)** • **BIGOMBA KUGENWA (TBD)** • **YEGO (ku biri hejuru byose)**
Niba ari OYA cyangwa BIGOMBA KUGENWA, nyabuna tanga ibisobanuro birambuye hano birimo uburyo ihuza ryazagerwaho cyangwa uburyo buzakoreshwa mu kugena imiterere y'ubushobozi bw'ibikoresho n'ubw'irwanya ry'ihumana kandi wongere ingaruka zose zishoboka ku mbonerahamwe y'isuzuma ry'ibanze n'isuzuma ry'ingaruka mu gice cya 10.1

10.3. ESS 3. Isuzuma ry'ubushobozi bw'ibikoresho n'ubwo kurwanya ihumana ry'ikirere

Ingaruka z'bidukikije ku ibungabungwa ry'urusobe rw'ibinyabuzima n'imicungire irambye y'umutungo kamere ugizwe n'ibinyabuzima, hamwe n'uruhare rw'umushinga ku ntege nke z'umutungo n'ihumana ni bike muri rusange. Intego z'uyu mushinga ni ukunononsora ubudahangarwa bw'abaturage ku ihindagurika ry'ikirere hifashishijwe ibikorwa nko gutera amashyamba, kongera gutera amashyamba aho yahoze n'ikoresha ry'iziko rizigama ibicanwa kugira ngo hagabanywe igitutu ku mutungo w'amashyamba wamaze gushiraho. Nta hindurwa ry'imiturire gakondo yagutse riteganyijwe kuko ryazatera ingaruka mbi ku mitungo kamere no ku rwego rw'ubuzima. Muri rusange, hitezwe ko umushinga uzazamura uburyo bwo gukingira amashyamba cyimeza n'akamaro k'ibidukikije.

Ibikorwa n'ibikorwa bito bifitanye isano no gutera/kongera gutera amashyamba no gutera ibiti bivangwa n'imyaka birimo ibyago byinshi ku bidukikije hamwe n'imicungire y'ubuhumbikiro (pepiniyeri) mu gihe cy'imbaraga zo gutera/kongera gutera amashyamba no mu bice by'inononsorwa ry'uburyo bwo gushaka ibitunga abantu.

Ku byerekeye itubura ry'imbuto mu buhumbikiro, hari ibibazo bitatu bishoboka byo gusuzuma mu rwego rw'ubushobozi bw'ibikoresho n'urwo kurwanya ihumana. Icya mbere, itegurwa ry'ingemwe mu buhumbikiro rishobora gukenera ikoreshwa ry'amazi menshi kandi ibikorwa byose by'ihumbika bigomba gusuzumwa ngo bagenzure niba amazi aboneka bikwiye hakaanemezwa niba amazi yakoreshejwe muri ibyo bikorwa atarayobejwe ngo ajyanywe mu bindi bikorwa, atari ku rwego ku rw'ibidukikije gusa, ahubwo ari no kwemeza niba iyobywa ry'amazi ribuza abaturage b'abanyantege nke kugera ku mutungo w'amazi, Icya kabiri, na none ku byerekeye itegurwa ry'ingemwe mu buhumbikiro, bugomba gusuzumwa mu bijyanye n'imikoreshereze yabwo y'imiti yica udukoko n'iy'ifumbire ngo bibe byizewe ko bitazahumanya ubutaka cyangwa amasoko y'amazi abwegereye kandi ko abakozi bose bakoresha ibyobinyabutabire bakurikiza amabwiriza y'ubwirinzi.

Icya gatatu, bidaturutse ku bushake, itegurwa ry'ubuhumbikiro n'ingemwe rishobora kugira ingaruka ku rusobe rw'ibinyabuzima no ku micungire irambye y'umutungo kamere w'ibinyabuzima iyo ibyonnyi na/cyangwa udukoko dutera indwara ibihingwa duturutse mu mahanga cyangwa

udukoko twabaga ku ngemwe mu buhumbikiro hanyuma tukajyanwa mu duce tugomba kongera guterwamo amashamba n'utwo guterwamo amashyamba mu misozi y'u Rwanda.

Mu ngamba zo kongera gutera amashyamba no kuyatera bushya aho atigeze, bishobora kuba ngombwa gushyira imbaraga mu ikorwa ry'amaterasi mu bikombe by'imisozi ihanamye, ibintu bishobora gutera itakara ry'igice cyo hejuru cy'ubutaka gihingwa, ubwiyongere bw'isuri hamwe n'ihinduramiterere ry'ibikombe, harimo gutenguka n'inkangu hakiri kare, nyamara ibiti byarimo bikura binatangiye kugaragaza akamaro kabyo ko gukomeza ubutaka. Na none, ikungahara ry'ubutaka rikenewe kugira ngo iterwa ry'ibiti rigeze ku ntego rishobora gutera kwivumbagatanya no kwimuka k'ubutaka bukungahaye mu ntungagihingwa no/cyangwa mu ifumbire bukajya ahandi hantu mu duce tugamije kongera guterwamo/guterwamo amashyamba. Ibindi byago birimo ibiti bitari gakondo mu gihugu (urugero: ibiti byera imbuto ziribwa, inturusu,…) biterwa kagamijwe guhaza ibyifuzo by'abantu baho no gutanga ibikenewe ngo uburyo bwo kubaho bube bwizewe.

Ibikorwa n'ibikorwa bito bifitanye isano n'ikorwa ry'amaziko bishobora gutuma habaho amahirwe yo kwitabwa ku bushobozi bw'ibikoresho no kurwanya ihumana ry'ikirere. By'umwihariko, hamwe n'intego yo gukora amaziko 1000, ubushishozi buzashyirwa mu guteza imbere ikoreshwa rirambye ry'ibikoresho fatizo muri uko kubikora. Ikirenzeho, bitewe n'aho ibigo bitakora bihereye, ikwirakwizwa rya CO2 rishingiye ku itwarwa ry'ibikoresho fatizo na/cyangwa amaziko yuzuye rigomba gukemurwa.

Bitewe n'iizi ngorane, AE/EE igomba kuzashyiraho inzobere mu kubungabunga ibidukikije n'imibereho izafatanya n'inzobere mu gusubiranya urusobe rw'ibinyabuzima n'imisozi, umuhanga mu mashyamba n'ibindi bidukikije, inzobere mu by'amashyamba kugira ngo basuzume byimbitse ingorane zishingiye ku bushobozi bw'ibikoresho no ku kurwanya ihumana mu gihe cy'ishyirwa mu bikorwa ry'umushinga rishingiye ku:

1) Kurinda amahumbikiro udukoko duturutse mu mahanga, ibyonnyi, n'udukoko dutera indwara ibihingwa
2) Imicungire y'ubuhumbikiro ku ikoreshwa ry'imiti yica udukoko n'iry'ifumbire
3) Imicungire y'ubuhumbikiro ku ikoreshwa ry'amazi n'iboneka ryayo
4) Ingaruka zo guhitamo ibiti n'ibimera niba amwe mu moko atari gakondo,
5) Ingaruka z'ingamba zo gutuma amaterasi akomeza no gufumbira ubutaka zikenewe mu gutuma ubucurame bukabije buba buberanye n'ibikorwa byo kongera gutera/gutera amashamba, bibi bikaba byatera ibyago byo gutakaza ubutaka, by'isuri no guhungabana kw'ibikombe mu gihe cy'itera ry'ibiti n'intangiriro z'intambwe zo gukura kwabyo.
6) Ikoreshwa rirambye ry'ibikoresho fatizo muri gahunda z'ikorwa ry'amaziko, na
7) Igabanywa ry'ikwizwa rya CO2 rishingiye ko ijyanwa ry'ibikoresho fatizo cyangwa ry'amaziko muri CND no mu ngo z'abantu ku giti cyabo.

Intego zirambuye z'imicungire n'ingengabihe zo kuzigeraho k zizagenwa mu gihe cy'isuzuma ry'ibanze ritegetswe hano munsi kandi mbere y'itangira rya buri gikorwa.

Isuzuma ry'ibanze ry'ubushobozi bw'ibikoresho no kurwanya ihumana

Kuri buri panga ry'akazi AE/EE izasuzuma ibibazo by'ubushobozi bw'ibikoresho no kurwanya ihumana hakoreshejwe uburyo bw'isuzuma bukurikira bigakorwa n'umukozi ushinzwe ubwuzure bw'uburyo bwo kubungabunga ibidukikije n'imibereho myiza y'abaturage (ESMS):

Imbonerahamwe 10.3.1. ESS 3: Isuzuma ry'ingorane zishingiye ku bushobozi bw'ibikoresho no ku kurwanya ihumana
EA/EE n'abakozi bashinzwe imishinga iri mu yindi bireba bashyizeho ingamba, intambwe, uburyo n'ubushobozi bwa ngombwa kugira ngo bibe byizewewe ko: (a) ibikorwa by'umushinga bigabanya cyane ijugunywa ry'ibishingwe (ibinyabutabure n'ibindi bintu biteje akaga, birimo imiti yica udukoko n'amafumbire akoreshwa mu buhumbikiro) mu bidukikije bitewe n'uburyo bumenyerewe cyangwa ubutari ubw'akamenyero (ingero: ijugunywa ry'imyanda ry'impanuka) hamwe n'ingaruka mbi zishoboka ku rwego rw'aho hantu, akarere ndetse/cyangwa ingaruka zambuka imipaka; (b) ibikorwa by'umushinga bikumira ingano nini y'imyanda cyangwa amazi yakoreshejwe cyangwa bigacunga imyanda iteje akaga, bikanakumira kandi ijugunywa ridakwiye ry'imyanda; (c) ibikorwa by'umushinga bikoresha ibinyabutabire cyangwa ibindi bintu biteje akaga byacunze neza ibyago kandi nta kintu, ibinyabutabire cyangwa ibintu biteje akaga bikurikije ibibujijwe, ibiteganywa cyangwa ibikurwaho ku rwego mpuzamahanga kubera igipimo kiri hejuru cy'uburozi ku binyabuzima, ku gukomeza umutsi kw'ibidukikije, ku iyangirika ry'akayungiro ka ozone bizakurikizwa; (d) ibikorwa by'umushinga birimo cyangwa biganisha ku ikoreshwa rikomeye ry'ingufu, ry'amazi cyangwa ry'indi mitungo bizacungwa ku buryo gukoresha neza ibikoresho bizaba byizewe; (e) ibikorwa by'umushinga bigabanya isuri, ihungabana ry'ibikombe by'imisozi n'ubwiyongere bw'ibyondo mu masoko y'amazi yo muri ako gace; (e) ibikorwa by'umushinga bikumira ubwiyongere bukabije bw'imyuka irekurwa n'isi yagera mu kirere ikamera nk'ikirahure cyangwa igabanuka ry'ibigize ibigega by'umwuka wa karubone (urugero, binyuze mu itakara ry'ibimera bitwikiriye ubutaka cyangwa ibigega by'umwuka wa karubone byo mu butaka n'ibyo mu kirere); (f) ibikorwa by'umushinga bizakoresha ibikoresho biturutse ku bintu biramba by'ubwubatsi, byo gukoramo ibindi bintu cyangwa ibindi bikorwa bisa na byo birimo izamuka ry'umusaruro (urugero: ikorwa ry'iziko, kongera ibikoresho kugira ngo hashimangirwe amaterasi mu mishanga yo gutera amashyamba)
• **OYA (ku cyo ari cyo cyose mu biri hejuru)** • **BIGOMBA KUGENWA (TBD)** • **YEGO (ku biri hejuru byose)**

Niba ari OYA cyangwa BIGOMBA KUGENWA, nyabuna tanga ibisobanuro birambuye hano birimo uburyo ihuza ryazagerwaho cyangwa uburyo buzakoreshwa mu kugena imiterere y'ubushobozi bw'ibikoresho n'ubw'irwanya ry'ihumana kandi wongereho ingaruka zose zishoboka ku mbonerahamwe y'isuzuma ry'ibanze n'isuzuma ry'ingaruka mu gice cya 10.1

Imbonerahamwe 10.3.1. ESS 3: Isuzuma ry'ingorane zishingiye ku bushobozi bw'ibikoresho no ku kurwanya ihumana

EA/EE n'abakozi bashinzwe imishinga iri mu yindi bireba bashyizeho ingamba, intambwe, uburyo n'ubushobozi bwa ngombwa kugira ngo bibe byizewewe ko:

(f) ibikorwa by'umushinga bigabanya cyane ijugunywa ry'ibishingwe (ibinyabutabure n'ibindi bintu biteje akaga, birimo imiti yica udukoko n'amafumbire akoreshwa mu buhumbikiro) mu bidukikije bitewe n'uburyo bumenyerewe cyangwa ubutari ubw'akamenyero (ingero: ijugunywa ry'imyanda ry'impanuka) hamwe n'ingaruka mbi zishoboka ku rwego rw'aho hantu, akarere ndetse/cyangwa ingaruka zambuka imipaka;

(g) ibikorwa by'umushinga bikumira ingano nini y'imyanda cyangwa amazi yakoreshejwe cyangwa bigacunga imyanda iteje akaga, bikanakumira kandi ijugunywa ridakwiye ry'imyanda;

(h) ibikorwa by'umushinga bikoresha ibinyabutabire cyangwa ibindi bintu biteje akaga byacunze neza ibyago kandi nta kintu, ibinyabutabire cyangwa ibintu biteje akaga bikurikije ibibujijwe, ibiteganywa cyangwa ibikurwaho ku rwego mpuzamahanga kubera igipimo kiri hejuru cy'uburozi ku binyabuzima, ku gukomeza umutsi kw'ibidukikije, ku iyangirika ry'akayungiro ka ozone bizakurikizwa;

(i) ibikorwa by'umushinga birimo cyangwa biganisha ku ikoreshwa rikomeye ry'ingufu, ry'amazi cyangwa ry'indi mitungo bizacungwa ku buryo gukoresha neza ibikoresho bizaba byizewe;

(j) ibikorwa by'umushinga bigabanya isuri, ihungabana ry'ibikombe by'imisozi n'ubwiyongere bw'ibyondo mu masoko y'amazi yo muri ako gace;

(g) ibikorwa by'umushinga bikumira ubwiyongere bukabije bw'imyuka ihumanya ikirere cyangwa igabanuka ry'ibigize ibigega by'umwuka wa karubone (urugero, binyuze mu itakara ry'ibimera bitwikiriye ubutaka cyangwa ibigega by'umwuka wa karubone byo mu butaka n'ibyo mu kirere);

(h) ibikorwa by'umushinga bizakoresha ibikoresho biturutse ku bintu biramba by'ubwubatsi, byo gukoramo ibindi bintu cyangwa ibindi bikorwa bisa na byo birimo izamuka ry'umusaruro (urugero: ikorwa ry'amaziko, kongera ibikoresho kugira ngo hashimangirwe amaterasi mu mishanga yo gutera amashyamba)

- **OYA (ku cyo ari cyo cyose mu biri hejuru)**
- **BIGOMBA KUGANIRWAHO (TBD)**
- **YEGO (ku biri hejuru byose)**

Niba ari OYA cyangwa BIGOMBA KUGANIRWAHO, tanga ibisobanuro birambuye hano birimo uburyo ihuza ryazagerwaho cyangwa uburyo buzakoreshwa mu kugena imiterere y'ubushobozi

bw’ibikoresho n’ubw’irwanya ry’ihumana kandi wongereho ingaruka zose zishoboka ku mbonerahamwe y’isuzuma ry’ibanze n’isuzuma ry’ingaruka mu gice cya 10.1

10.4. ESS 4. Gahunda yo kubungabunga ubuzima n’umutekano n’imibereho myiza by’imiryango migari

Mu gihe cy’ishyirwa mu bikorwa ry’ibikorwa byose by’umushinga, bizaba ari ingenzi gusuzuma ibibazo byinshi y’ubuzima, by’ituze n’iby’umutekano by’imiryango migari, ku buryo amakuru arambuye yihariye ku byago azaganirwaho kandi akagaragazwa birambuye mu gihe cyo kungurana ibitekerezo n’imiryango migari. Ibi byago birimo izamuka ryo kuba hafi y’indwara ziterwa byo gufatwa n’indwara ziterwa n’udukoko, ubwiyongere bushoboka bw’inkongi z’amashyamba, ubwiyongere bushoboka bw’amakimbirane hagati y’abantu n’inyamaswa z’agasozi, hanyuma hamwe n’inyanyagira ry’inkunga y’amafaranga y’amahanga n’amahirwe y’akazi, ibibazo by’ihohoterwa, ikoreshagahato n’ihoza ku nkeke bishingiye ku gitsina (SEAH) bishobora kubaho, cyane cyane bibangamiye abagore n’imiryango migari y’abanyantege nke.

Ubutabazi bw’ubutaka (urugero kongera gutera amashamba, kuyatera aho atigeze aba, kuvanaho ibishiha) bishobora guhindura iringaniza ry’urusobe rw’ibinyabuzima mu duce tugamijwe aho imirimo izakorerwa. Iri bangamira, mu mwanya waryo, rishobora kuzamura umubare wa tumwe mu dukoko dutwara indwara, ibyonnyi ndetse/cyangwa ubwoko bw’ubumara bigashyira abatuye ako gace n’abakozi mu byago ku buzima no ku mutekano. Udukoko dutwara indwara ni utunyabuzima dushobora gukwirakwiza indwara zandura mu bantu cyangwa mu nyamaswa. Buri mwaka, hari miliyari irenga y’abanduye na miliyoni irenga y’impfu ku isi biturutse ku ndwara zanduzwa n’udukoko, nka marariya, *dengue*, *schistosomiase*, *trypanosomiase humaine africaine*, *leishmaniose*, indwara ya *Chagas*, *fièvre jaune*, *encéphalite japonaise*, *l'onchocercose*. Utwinshi muri utwo dukoko ni udusimba tunyunyuza amaraso, tukinjiza utunyabuzima tutaboneshwa ijisho dutera indwara mu gihe cy’ifunguro ry’amaraso avuye mu “mwakirizi” wanduye (umuntu cyangwa inyamaswa) hanyuma tukatwinjiza mu mwakirizi mushya mu gihe cy’ifunguro ryatwo ry’amaraso rikurikiyeho. Imibu ni two dukoko dutwara indwara tuzwi cyane.

Utundi turimo ibirondwe, amasazi, amasazi yo mu mucanga *(sandfly)*, imbaragasa, *triatomine*, ibiheri, ibinyamushongo byo mu mazi. Ibyago by’indwara ziterwa n’udukoko dutwara indwara bishobora kwiyongera haremwa imiturire iberanye n’imikurire no kororoka k’udukoko dutwara indwara, n’ahasanzwe haba impamvu nyinshi z’ubwandure bw’indwara. Ibidendezi by’amazi adatemba/ahagaze bigize ubuturo bw’ingenzi bw’udukoko dutwara indwara nk’uko twavuzwe hejuru. Ibyo bishobora kubaho muri uyu mushinga iyo ibikoresho bikoze mu ibumba byakuweho bigasubizwa mu mwanya wabyo kugira ngo ibikombe byoroherezwe gutuza no kongera gutera amashyamba no kuyatera bushya. Iyo uduce tw’amazi adatemba twiremye mu gihe cy’iki gikorwa, ibi bishobora gukurura ikwirakwizwa ry’indwara zanduzwa n’udukoko dutwara indwara mu miryango migari y’aho hafi.

Imbonerahamwe 10.4.1. Indwara ziterwa n'udukoko		
Udukoko tw'ibanze	**Indwara**	**Igice cy'ibidukikije kidutwara / Ubuturo**
Imibu: *Aedes* spp.[86]	• Chikungunya • Dengue fever • Rift Valley fever • Yellow fever	Amazi aretse, adatemba mu bidendezi, ibinogo n'ibintu bifukuye biha imibu ubuturo bwiza bwo kororokeramo, ibyuzi n'ibizenga bikoreshwa mu kuhira imyaka
Imibu: *Anopheles* spp.[87]	• Malaria	Amazi aretse, adatemba mu bidendezi, ibinogo n'ibintu bifukuye, ibyuzi n'imigezi, ibizenga bikoreshwa mu kuhira imyaka
Amasazi yo mu mucanga (Sandflies[88])	• Leishmaniasis • Sandfly fever (phelebotomus fever)	Gutsemba amashyamba, gucukura ibyuzi n'ibizenga bikoreshwa mu kuhira imyaka
Ibinyamushongo byo mu mazi [89] *Schistosoma* spp.	• Schistosomiasis (bilharziasis)	Ibidendezi n'imigende n'imigezi y'amazi atemba gahoro; ibyuzi n'ibizenga bikoreshwa mu kuhira imyaka

Mu rwego rwo kugabanya kugerwaho n'udukoko dutera indwara, amaterasi agmoba guhabwa neza inzira z'amazi kandi kuhira ibiti bitewe vuba bigomba kwitondera kudasiga amazi aretse/adatemba.

86 Demenou M. WHO. Risk Assessment of Yellow fever Virus circulation in Rwanda. WHO (2014). Available at: https://rbc.gov.rw/IMG/pdf/rwanda_yellow_fever_assessment_report.pdf

87 Hakizimana E, Karema C, Munyakanage D, Githure J, Mazarati J, Tongren J,Takken W, Binagwaho A, Koenraadt C, Spatio-temporal distribution of mosquitoes and risk of malaria infection in Rwanda, (2018). Available at: https://www.sciencedirect.com/science/article/pii/S0001706X17311026

88 Sunyoto T, Verdonck K, el Safi S, Potet J, Picado A, Boelaert M (2018) Uncharted territory of the epidemiological burden of cutaneous leishmaniasis in sub-Saharan Africa—A systematic review.

89 Isabwe A, Ruberanziza E, Mupfasoni D, Ruxin j, Clerinx J, White PT. POTENTIAL FOR TRANSMISSION OF SCHISTOSOMIASIS IN KAYONZA DISTRICT. Rwanda Medical Journal (2012). Available at: http://www.bioline.org.br/pdf?rw120020

Ugendeye ku nzira y'ibihe by'u Rwanda, uruhererekane rw'imisozi y'Isunzu rya Congo-Nili rushobora kugenda ruba urunyantege nke ku nkongi z'amashyamba kubera ihindagurika ryo kugwa kw'imvura hamwe n'uruhare rw'ibihu. Ibihu ni igikorwa cy'iyorosa ry'amashyamba, kibura umurimo w'ibihu w'ikorwa ry'amazi urekera aho kongera ifatwa ry'amazi mu misozi. Bitewe n'imbuga z'umushinga no ku mpamvu y'itsemba ry'amashyamba ririho ubu, uduce tumwe na tumwe dushobora na none kugenda tworohera kwibasirwa n'imiriro mu mashyamba bitewe n'ubwiyongere bw'ubutayu. Na none kandi birashoboka, n'ubwo atari cyane, ko gutera ibiti byatanga ibicanwa by'inyongera mu gihe cy'ubushyuhe bikaba byagira uruhare ku nkongi zitaha. Ibyinshi mu bikorwa biteganyijwe bizaba ingamba zikomatanye z'imicungire y'inkongi z'amashyamba, kuko tuzi ko uko ubushyuhe bugenda bukabya ku isi ari ikibazo gikomeye.

Umushinga ushobora kandi gukaza amakimbirane y'ubutaka asanzwe ariho, bikagira ingaruka ku mutekano w'abakozi b'umushinga n'uw'imiryango migari. Nk'uko byasobanuwe mu gice cya 4.10, ibirego by'ubutaka bishobora gukurura ubushyamirane hagati y'abagize imiryango migari n'imiryango. Bitewe n'uko ubwoko bw'akazi kazakorwa buzazanira umuryango mugari inyungu nyinshi, twiteze ko amakimbirane azaba make bitewe no kwiyemeza gukwiye kw'imiryango migari kwashyizweho mu rwego rwo gusobanura ibikorwa n'inyungu by'igihe kirekire. Kwibanda ku biti byera imbuto ziribwa, n'ubwo ari ingenzi cyane ku musaruro w'ibiribwa n'inyongera mu ruhererekane ry'agaciro, mu buryo butateguwe, gushobora kongera isano ishoboka hagati ya muntu n'inyamaswa z'agasozi, mu kuyobora isano ifatika ishobora gukurura igihombo cy'umusaruro cyangwa ibikomere ku mubiri, hamwe no kurema ihuriro indwara z'inyamaswa zandurizwa abantu cyangwa iz'abantu zikanduzwa inyamaswa.

Ku bwa nyuma, mu gihe ibikorwa byo kongera gutera amashyamba no gutera amashyamba bikomeje, birashoboka ko abagize imiryango migari basabwa kureka guhinga imyaka iribwa mu duce tumwe na tumwe kubera iterwa ry'ibiti. Ni ngombwa kumenya ko ibikorwa byose by'umushinga bizunguranwaho ibitekerezo n'imiryango migari n'uruhare rw'ubushake rw'abanyabikingi/abanyamasambu bato, bityo rero ikibazo cyo gutakaza uduce dutanga umusaruro w'ibiribwa kizimvanwa ubwitonzi na bose mbere y'itangira ry'ibikorwa by'itera. Birakwiye kumenya ko itakara ry'igihe gito rizasimbuzwa kuzamura umusaruro w'ibiribwa utangwa n'ibihingwa by'agaciro kanini mu gihe gitaha.

Ibibazo by'ubuzima, by'ituze n'iby'umutekano bituruka ku kazi gakorwa n'abimukira ni bike/bito kuko umushinga uzaha akazi cyane cyane abagize imiryango migari y'aho hafi. Ubushobozi bw'abakozi b'abimukira buzasuzumirwa hafi mu gihe cya ESIAs zizakorwa mu rwego rw'isuzumabikorwa by'umushinga muto mu wundi mushinga mu gihe cy'ishyirwa mu ikorwa by'umushinga.

10.4.1. Ibyemezo nyobozi byo gukemura ibibazo bishobora kubangamira ubuzima n'umutekano w'imiryango migari

Nubwo ibisobanuro byihariye birambuye bya buri gikorwa cy'umushinga bizagenwa mu gihe cy'ishyirwa mu bikorwa ry'umushinga, AE/EE ishobora guteganya gufata byibura ibyemezo bikurikira kugira ngo hagabanywe ibyago ku buzima n'umutekano by'umuryango mugari:

- Kuzuza gahunda y'imyiteguro y'ibihe by'ubutabazi bwihutirwa kuri buri mushinga muto/buri gikorwa

- Guhugura abakozi bose ku buryo bwo kwirinda indwara zituruka ku mazi/ziterwa n'udukoko
- Guha abakozi bose b'umushinga amahugurwa kuri SEAH
- Gusangiza ingamba zo kugabanya amakimbirane hagati ya muntu n'inyamaswa z'agasozi hamwe n'inyungu z'ibikorwa by'ibiti byera imbuto/byo gutera amashyamba
- Gutegura gahunda zikomatanye z'imicungire ku nkongi z'amashyamba zirimo amahugurwa ku kurwanya no gucunga inkongi z'amashyamba, ndetse na gahunda y'ubukangurambaga "kurwanya inkongi" ku miryango migari.

10.4.2. 10.2.2. Isuzuma ry'ibanze ku buzima n'umutekano by'imiryango migari

Ingorane zasobanuwe birambuye hano hejuru n'ibyemezo rusange bigize ishingiro ry'isuzuma ry'ingorane n'ingaruka zishoboka ku buzima n'umutekano by'imiryango migari y'ibikorwa bisobanuye by'umushinga bizagenwa byuzuye mu gihe cy'ishirwa mu bikorwa ry'umushinga. Imishinga yose mito/ibikorwa byose bizasuzumwa ku mpamvu y'ibibazo bya ES n'amasuzuma ES, agomba gutanga ibisubizo ku bibazo bya ESS4, bibaye ngombwa.

ESS 4: Isuzuma ry'ibibazo by'ubuzima n'umutekano by'imiryango migari

EA/EE n'abakozi bashinzwe imishinga iri mu yindi bireba bashyizeho ingamba, intambwe, uburyo n'ubushobozi bwa ngombwa kugira ngo bibe byizewewe ko:

(a) ibikorwa by'umushinga bigabanya ku miryango migari ubwiyongere bwo kugerwaho n'ibyago byerekeye ubuzima n'umutekano, by'umwihariko ku matsinda y'abanyantege nke, hakoreshejwe ingorane zitaziguye cyangwa iziguye mu gihe cy'ibikorwa mu duce turimo amakimbirane cyangwa nyuma y'amakimbirane (intambara hagati y'abanyagihugu, amakimbirane hagati y'amoko, n'ibindi) cyangwa uduce twagezweho n'ubushimusi buteguye, ubuhinzi cyangwa ubucuruzo bw'ibiyobyabwenge, ibyaha biteguye cyangwa icuruzwa ry'abantu cyangwa iyimuka ritemewe n'amategeko;

(b) ibikorwa by'umushinga bigabanya uburyo bwo kongera ubukana utabigambiriye amakimbirane asanzwe ariko cyangwa bwo kurema amakimbirane mu muryango mugari cyangwa hagati y'imiryango migari harimo cyane cyane mu igabana ridasaranganyije ry'inyungu z'umushinga, icika ry'intege ry'inzego zita ku baturage, ihungabana ry'ubusabane hagati y'abaturage cyangwa ibyago byo gukaza utabigambiriye amakimbirane n'ihohoterwa ku muntu ku giti cye cyangwa ku muryango mugari;

(c) ibikorwa by'umushinga bishyigikiye imicungire ya PA ndetse/cyangwa bigatanga ubufasha ku bikorwa byo gushyira itegeko mu bikorwa bigizwe n'ibintu byose bikurikira:

1. Kumva neza ushinzwe iyubahirizwa ry'amategeko aho umushinga uri, bituma umenya niba imiterere y'umuryango mugari cyangwa ibigo by'ubucuruzi byigenga bitanga ubufasha mu iyubahirizwa ry'amategeko;
2. Niba abarinzi b'ibyanya by'inyamaswa cyangwa abandi bakozi bashinzwe iyubahiriza ry'amategeko bagendana intwaro mu gihe bari mu kazi kabo, imyitozo ikwiye ku mutekano w'intwaro yaratanzwe, ingamba zishingiye ku mategeko mu bireba

iyubahirizwa ry'amategeko na SEAH;

3. Hari ukumva neza amakimbirane ayo ari yo yose hagati y'imicungire y'agace/uduce dukomye kandi abaturage baho bisanze mu bwoko butandukanye bw'ibibazo mu myaka itanu ishize, birimo ariko bitagarukiye gusa, ku bushimusi, gututira, amakimbirane mu burenganzira bwo kubigeraho, n'ubucukuzi gakondo.

4. Ese higeze habaho uburyo bwo kujurira bwemewe, amapererezа cyangwa inyandiko y'ikinyamakuru yerekeye ibikorwa by'iyubahirizwa ry'amategeko mu gace k'umushinga? Ikigeretse ku bumenyi bwawe bw'urubuga, na none wakora ubushakashatsi kuri Web ukabaza imbuga z'ibiro by'akarere cyangwa by'igihugu by'Ishami ry'Umuryango w'Abibumbye ryita ku Burenganzira bwa Muntu (HCDH).

(d) buri kibazo cy'ikomereka cyangwa itakaza ry'ubuzima cyangwa ry'umutungo (urugero: ibihungwa, amatungo) ku bantu, by'umwihariko amatsinda y'abanyantege nke ndetse/cyangwa abatunzwe n'ishyamba), ryatewe n'ubwiyongere bw'amakimbirane hagati ya muntu n'inyamaswa z'agasozi ashobora guterwa mu buryo butaziguye cyangwa buziguye n'ibikorwa by'umushinga bishobora no kubyara amakimbirane (ingero: impfu mu kwihorera) byitaweho ndetse ingamba zo kugabanya imicungire zarateganyijwe kandi zizashyirwa mu bikorwa;

(e) ibikorwa by'umushinga bigabanya ibyago ibikorwa bizateza mu buryo butabigambiriwe itangwa n'igenamimerere ya serivise z'urusobe rw'ibinyabuzima, harimo kwiyongera kw'ibyago byo kugerwaho n'akaga cyangwa ibiza kamere (urugero: kongera ubukana by'imyuzure bitewe no kumaraho ibimera ku mpamvu z'imishinga y'ubwubatsi cyangwa guhindura igipimo cy'amazi mubikorwa remezo by'amazi cyangwa kongera ibicanwa bishobora kongera inkongi z'amashyamba), cyane cyane hagendewe ku bibazo by'ubu cyzngwa biteganyijwe by'ihindagurika ry'ikirere;

(f) niba ibikorwa by'umushinga biganisha ku mpanuka no gushyira imiryango migari mu kaga k'ibintu biteje impungenge, harimo impanuka z'imodoka n'ibikoresho n'ibyago bifitanye isano n'ibikorwa remezo byubatswe n'umushinga, by'umwihariko mu duce twiganjemo ibiza kamere (imyuzure, inkubi z'umuyaga, imitingito, n'ibindi) hari ibikorwa by'ubutabazi n'imicungire yashyizweho mu guhangana n'ibyo bibazo;

(g) ibikorwa by'umushinga byongerera imiryango migari ubukana bw'ibyago byo kugerwaho n'ibyago by'ubuzima n'umutekano, harimo gukoma imbarutso ku ndwara zituruka ku mazi cyangwa zifite indiri mu mazi (urugero: binyuze mu ihangwa ry'ibidendezi by'amazi adatemba, amatungo yangiza ireme ry'amazi meza), ubwiyongere bw'ikwirakwizwa ry'izindi ndwara ziterwa n'udukoko cyangwa zandura (ingero: mu kunanirwa gufata ingamba zo kwirinda mu gihe hateye icyorezo cyangwa indwara zitera mu gihe runaka) cyangwa binyuze mu igabanuka ry'ubuziranenge bw'umwuka mu gace runaka (urugero: kubera gukora umukungugu, gutwika imyanda, cyangwa gutwika ibicanwa bicukurwa n'ibindi bintu mu duce tutageramo umwuka) byarasuzumwe kandi ingamba zo kugabanya imicungire zarafashwe?

- **OYA (ku cyo ari cyo cyose mu biri hejuru)**
- **BIGOMBA KUGANIRWAHO (TBD)**
- **YEGO (ku biri hejuru byose)**

Niba ari OYA cyangwa BIGOMBA KUGANIRWAHO, tanga ibisobanuro birambuye hano birimo uburyo ihuza ryazagerwaho cyangwa uburyo buzakoreshwa mu kugena imiterere

y’ubushobozi bw’ibikoresho n’ubw’irwanya ry’ihumana kandi wongereho ingaruka zose zishoboka ku mbonerahamwe y’isuzuma ry’ibanze n’isuzuma ry’ingaruka mu gice cya 10.1

10.4.3. Gahunda y’ubutabazi bwihuse n’ikumira ry’ibiza

Iyo isuzuma ry’ibanze rya buri kimwe mu bikorwa byateganyijwe rirangiye ku buryo ibisobanuro birambuye by’ibikorwa bya GCF, ahantu, akaga kari aho hantu na serivise z’ubutabazi bwihuse ziboneka kuri buri hantu, itsinda ry’umushinga rizavugurura aya mafishi muri gahunda yuzuye y’ubutabazi bwihuse no kwitegura ibiza izaba ishingiye kuri GoR OHS n’imigenzo myiza mpuzamahanga. Byibura, gahunda izaba irimo amakuru yihariye kuri buri gace k’ahantu hakorerwa:

1) Isesengura ry’intambwe z’ubutabazi bwihuse
2) Nimero zigaragara neza z’ubutabazi bwihuse n’imirongo ngenderwaho ku kumenyesha no gukurikiza mu gihe cy’ubutabazi bwihuse
3) Amatsinda y’ubutabazi bwihuse yatorejwe mu ikpe nkuru y’umushinga kugira ngo ihangane n’ibyago bitewe n’akaga gashoboka mu gihe bibayeho. Aya matsinda y’ubutabazi bwihuse azahugurwa cyane cyane ku buryo bwubakiye ku munyabyago, burimo ibyifuzo, umutekano n’imibereho myiza y’abahuye n’ibyago biba ari nk’abafatanya bikorwa mu bibazo na gahunda zose.
4) Gutahura byuzuye akaga gashoboka karimo, ariko si ibi gusa:
    a) Kutizera ingamba z’umutekano
    b) Ingorane/imanuka z’imodoka
    c) Kubura ubutabazi bw’ibanze bufatika
    d) Kunyerera/kugwa
    e) Kuba mu mbeho/ubushyuhe
    f) Gukora wenyine
    g) Ihohoterwa rishingiye ku gitsina, ikoreshwagahato, itotezwa
    h) Ikoreshwa ry’ibikoresho
    i) Kwegura
    j) Akaga kajyanye n’inkambi/ahantu kure cyane
    k) Guhunika ibiribwa
    l) Isano hagati ya muntu n’inyamaswa (zo mu rugo n’iz’agasozi)
    m) Ibyago byo guhura n’indwara ziterwa n’udukoko
    n) Inzoka
    o) Kuyoba
    p) Amasano n’abantu
    q) Kudwingwa n’udusimba/inzuki
    r) Inkangu
    s) Inkongi, umwuzure, n’ibindi biza kamere
    t) Ibirunga
    u) Covid

5) Intambwe zo kuva ahari akaga
6) Inzira inyurwamo n'ahantu ho gukorera inama mu gihe cy'ubutabazi bigaragaza ibyo bikorwa.

10.5. ESS 5 Guhabwa ubutaka no kwimurwa utabishakaga

Dukurikije igice cya ESIA, umushinga ntuteganya gutuza abantu uko ari ko kose. Kubera ko wibanda ku inononsorwa ry'ikoreshwa ry'ubutaka, harimo gukorana na za Minisiteri zirebwa gushyira ubutaka mu byiciro, birashoboka ko hazaba: 1) Impinduka mu mategeko yo kubugeraho cyangwa impinduka zo gushyira amasambu mu byiciro (ziturutse mu gushyiraho gahunda nshya z'ikoreshwa ry'ubutaka cyangwa gahunda z'imicungire y'ibyanya by'inyamaswa), na/cyangwa 2) Ishyirwa mu bikorwa ririkakaye kurushaho ry'amategeko y'imikoreshereze y'ubutaka n'ibyanya by'inyamaswa. Uburyo bwombi bushobora koroshya itakara rishoboka ry'uburenganzira bwo kugira ubutaka (ibisigara bitagira nyirabyo, inzuri, amashyamba) bwa gakondo. Ikindi ni uko ubwo gutera ibiti bivangwa n'imyaka n'ibikorwa byo gushaka ibitunga abantu byatangiye, hashobora kubaho igihe cyo gutegereza mu gihe ibiti byera imbuto ziribwa bikura gahoro cyangwa amoko y'ibiti gakondo bikura bigatanga umusaruro, ibyatsi by'amatungo n'inkwi zo gucana.

Ibibazo byo kugera ku butaka bishobora kugera ku bahinzi bashobora kutoroherwa no kungukira ku biti ku gihe, by'umwihariko iyo ibiti byatewe ari iby'ubwoko gakondo bikura buhoro buhoro – ibi bikaba byaba muri gahunda yo gutera ibiti byera imbuto ziribwa. Umushinga ugamije na none gusubiranya ubutaka buri ku nkengero z'amazi kugira ngo hagabanywe isuri y'ubutaka, itembanwa n'amazi ry'imiti yica udukoko, ifumbire n'ibindi bintu byahumanya amazi mu migende, mu nzuzi, mu biyaga, mu bishanga n'ibituye mu mazi. Itegeko ry'u Rwanda rigenga ubutaka riteganya uburebure bw'agace katemerewe kugira ikigakorerwamo, kari hagati ya metero 50 ku biyaga no hagati ya metero imwe n'icumi ku migezi, bitewe n'ubugari bw'umugezi. Birashoboka ko uduce tumwe na tumwe turi ku nkengero z'amazi twaba twararigeze gukoreshwa mu buryo butemewe n'amategeko n'abagize umuryangomugari. Ibyo byatera iyimurwa ry'ibikorwa byabo. Abo bafashe ubutaka mu buryo bwa magendu bashobora kuba bataritaweho mu gihe cyabanje cyo kungurana inama n'imiryango migari no mu gikorwa cyo gukora igishushanyo mbonera cy'ibikorwa by'umushinga binashobora kwimurwa, bitewe n'aho biherereye, kubera ibikorwa byo gutera amashyambanokongera gutera amashyamba.

Hashobora kubaho imyihariko y'inyongera y'umushinga izana impinduka mu gushyira ubutaka mu byiciro mu rwego rw'igice cya 1. Gutegura gahunda zo gutunganya ubutanga ku rwego rw'Akarere byoroshywa kandi bigahabwa umurongo n'amategeko y'igihugu n'andi mabwiriza nk'imirongo ngenderwaho, by'umwihariko buri Karere kagomba gutegura gahunda yo guteza imbere umujyi izagira igishushanyo mbonera cy'igihugu cyo gutunganya no guteza imbere ubutaka icyawo, inakigendereho. Bitewe n'uburyo Uturere duhindura ibyiciro by'imikoreshereze y'ubutaka n'ishyirwa mu bikorwa ribanza ry'ibyiciro, abantu baba mu karere bashobora kwisanga babujijwe imitungo bari basanzwe bafiteho uburenganzira, hatitawe ku kuba nta burenganzira bafite. Umushinga uzaba ugamije kwinjiza igindagurika ry'ikirere mu ngamba z'igenamigambi kandi iki

gice cy'ikusanya kizaba kirimo uburyo budaheza hamwe n'imiryango migari yagizweho ingaruka hamwe no kwitabwaho kwihariye kw'amatsinda yashigajwe inyuma n'amateka, kw'abagore, k'urubyiruko no ku byiciro by'abantu c.e.d.

Mbere ibyinshi mu birego by'amakimbirane ajyanye n'imikoreshereze y'ubutaka byari bifitanye isano n'umutungo w'ubutaka hagati y'abagabo n'abagore. Abagabo bari bafite 100% by'uburenganzira ku butaka, yewe n'ubwo babaga babana mu buryo bwemewe n'amategeko. Ivugurura ry'ubutaka mu Rwanda ryarimo imbumbe y'ibyemezo bigamije gukuraho ishidikanya rivutse ryerekeye umutungo w'ubutaka. Mu mwaka wa 2009, Guverinoma yashyizeho gahunda yayo yo gushyiraho amategeko agenga ubutaka kugira ngo bahe icyemezo cy'umutungo buri kibanza cy'ubutaka no gushyiraho igitabo rusange cy'igihugu cyandikwamo ubutaka mu rwego rwo gukemura ibirego n'amakimbirane. Intego yayo yari ugushyira mu bikorwa amategeko mashya no "guha uburenganzira bungana bwuzuye umugore, umugabo n'abana, binyuze mu buryo bwo kwandika ubutaka…, bikaba byari bisobanuye uburyo bwo kugena umutungo w'ubutaka busanzwe buhari ku banyabutaka basanzwe bahari". Mu itegeko ry'ubu, abagore bashyingiwe byemewe n'amategeko bafite inyungu za 50 kuri 50 ku mutungo w'ubutaka. Imiterere y'ubu inononsora kandi ubushobozi bw'abana b'abakobwa kuko noneho bafite uburenganzira ku izungura ry'imitungo y'ababyeyi babo. Ibibazo bikiriho mu by'ukuri, byerekeye ishyirwa mu bikorwa nk'uko amatsinda y'ibiganiro yakozwe mu gihe cyo gutegura umushinga yabitanzemo ubuhamya. Ibyo bibazo bizasuzumanwa ubwitonzi, gutera ibiti n'ibikorwa byo gushaka ibitunga abantu bizatangira mu gihe cy'ishyirwa mu bikorwa ry'umushinga. Cyane cyane kuko amakimbirane yo mu gihe gitaha ashobora kwibanda ku kwibaza niba umugabo cyangwa umugore uburenganzira bwo gusarura ibiti cyangwa ntabwo afite cyangwa ufata icyemezo cyo gutera ubuhe bwoko bw'ibiti. Abagabo n'abagore babona mu buryo butandukanye akamaro k'ibiti, bityo ibi byemezo bishobora kugira ingaruka ku burenganzira bwo kugera ku mitungo no ku buryo bwo kubona ibitunga abantu, kimwe no ku miberehoy'abagore bashobora guhura n'ivangura ndetse/n'ihohoterwa rishingiye ku gitsina (reba umugereka wa 8).

Mu gihe cy'ishyirwa mu bikorwa ry'umushinga, isuzuma ryimbitse cyane ry'impinduka zihariye rya ngombwa rizagaragaza ubushobozi bwo kugabanya uburenganzira ku butaka bwa Leta ku bahinzi n'abakonde, barimo abakonde/abakoresha ubutaka bwa Leta mu buryo butemewe no ku bandi bakoresha mu buryo gakondo ubutaka n'umutungo w'amashyamba mu bwisanzure kandi noneho, ingamba zo kugabanya zizitabwaho kandi zisuzumwe biciye muri gahunda zateganyijwe muri iki gice. Muri urwo rwego tutakwizera neza aho abakonde/abigaruriye ubutaka batemewe bagomba kongera gutuzwa, ba ESS babyunguranyeho ibitekerezo na PMU, AA na EE, bazategura Igenabikorwa ry'imiturire (reba 10.5.3.).

Imbonerahamwe 10.5.1. ESS 5: Kugenzura itangwa ry'ubutaka, kugabanya ikoreshwa n'ituzwa ritari iry'ubushake [90]

90 Ijambo **"kwimura abantu batabishaka"** ryerekeza ku gikorwa cyo gushaka ubutaka bujyanye n'umushinga no kubuza imikoreshereze y'ubwo butaka, bikagira ingaruka ku baturage n'aho batuye. gushaka ubutaka bujyanye n'umushinga no kubuza imikoreshereze y'ubwo butaka bishobora

EA/EE n'abashinzwe imishinga mito bireba bashyizeho gahuda, ingamba, uburyo n'ubushobozi bwo kuba byizewe ko:

(a) Ibikorwa by'ishami ry'umushinga ntibizajya mu gutegeka abantu cyangwa imiryango migari gutura aho idashaka kandi/cyangwa mu kugatwarira ubutaka (urugero: mu gushyiraho ahantu hakomye hari ibintu karemano cyangwa kugira ubutaka bwabo hagabanywa ibyago by'impanuka zishingiye ku nyamaswa z'agasozi ku miryango migari iba mu bisigara):

(b) Ishami ry'umushinga ryirinda ibikorwa bigamije cyangwa bijyana ku iyimura ku ngufu[91];

(c) Ishami ry'umushinga ryirinda ibikorwa bishobora gutera kwimura ibikorwa by'ubukungu hagabanywa uburenganzira bw'abaturage bwo gutunga ubutaka cyangwa umutungo kamere ahantu bafitiye uburenganzira bwemewe (busobanurwa n'amategeko cyangwa n'imigenzo karande)? Ibi bishobora kuba birimo igabanywa rishingiye ku duce dushya turinzwe/dukomye (PA) cyangwa kwagura uduce dusanzwe dukomye PA, kunononsora iyubahirizwa ry'amabwiriza agenga uduce dukomye (urugero: guhugura abarinzi, gutanga ibikoresho byo gucunga ndetse/cyangwa by'iyubahirizwa ryayo, gutanga ibikoresho by'amahugurwa mu kuzamura ubushobozi bw'imicungire), guhindura uko umutungo kamere wihariye ucungwa haganishwa ku buryo bw'imicungire ifite imipaka kurushaho.

- **OYA (ku cyo ari cyo cyose mu biri hejuru)**
- **BIGOMBA KUGENWA (TBD)**
- **YEGO (ku biri hejuru byose)**

Niba ari OYA cyangwa BIGOMBA KUGENWA, uburyo bw'ingamba zidaheza buzakenera kuzuzwa reba 10.5.1 munsi kandi gusobanura muri make ibikorwa bikeneye gushyirwaho no/cyangwa kwerekana ibikorwa by'umushinga (bishobora) kuzana igabanywa n'ubutaka cyangwa imitungo yavuzwe irebwa n'igabanywa, harimo umutungo n'imitungo kamere bya Komine (urugero: umutungo w'amazi, ibiva mu biti nk'imbaho n'ibitari imbaho, ibihingwa bivamo imiti, ubutaka bwagenewe ubuhigi no gusoromamo imbuto, ahagenewe inzuri n'ubuhinzi). Ongera ibyo bimara gishoboka byose ku mbonerahamwe y'isuzuma ribanza n'iry'icyo bitanga mu gice cya 10.1.

gutuma hari abakurwa aho babaga (kwimurirwa ahandi, gutakaza ubutaka bwo guturamo cyangwa kubura aho kuba), kwimurwa k'ubukungu (gutakaza ubutaka, umutungo cyangwa kudashobora kugera ku mutungo, bigatuma habaho gutakaza icyinjizaga amafaranga cyangwa ibindi byari bimutunze), cyangwa byombi. Kwimurira abantu ahandi bifatwa nk'ibyakozwe batabishaka iyo abantu cyangwa abaturage babangamiwe badafite uburenganzira bwo kwanga gutwara ubutaka cyangwa kubuzwa kubukoresha bigatuma bimurwa (World Bank ESS5)

91 Ni ngombwa gusobanukirwa ko kwimura abantu batabishaka bitandukanye no "kubirukana ku gahato"; ibi byo bisobanurwa nko kwirukana burundu cyangwa by'igihe gito, abantu, imiryango, cyangwa abaturage mu mazu cyangwa ku butaka batuyemo batabanje guhabwa uburyo bukwiye bwo kurenganurwa n'amategeko cyangwa ubundi buryo bwo kubarinda (WB) ESS5). Kwirukanwa ku gahato ni uburyo bubi cyane bwo kwimura abantu batabishaka kandi "ni ukurengera bikabije uburenganzira bwa muntu, cyane cyane uburenganzira bwo kuba ahantu hakwiye" (Komisiyo Ishinzwe Uburenganzira bwa Muntu, Icyemezo 1993/77).

10.5.1. Imirongo ngenderwaho ya gahunda

Gahunda gushobora gukurikiza imirongo ngenderwaho itandukanye. Ku bw'iki Kigega Mpuzamahanga gitera Inkunga Imishinga Irengera Ibidukikije no Kurwanya Imihindagurikire y'Ikirere (GCF), gahunda zidaheza nk'uko zisobanurwa na Banki y'Isi mu nyandiko zagenewe inzobere mu byo kubungabunga ibidukikije n'imibereho myiza y'abaturage (ESS) 5 ni ngombwa (Imbonerahamwe 10.5.1). Kuri buri umushinga muto, aho isuzuma ribanza ritanga "oya" cyangwa "bigomba kugenwa", za nzobere (ESS) zizakenera kuzuza imirongo ngenderwaho yagahunda zavuzwe hejuru kandi, bibaye ngombwa, zigashyira mu bikorwa ingamba zo kugabanya ibuzwa ry'uburenganzira ryavuzwe mu gice cya 10.5.2. n'ingingo ya 14.

Imbonerahamwe 10.5.1.1. Imirongo ngenderwaho y'uburyo bw'ingamba

Uburyo Uburyo budaheza bw'ingamba ibikorwa bikurikra bizuzurizwamo:

(a) **Ibice by'umushinga bizaba biteguye kandi bizashyirwa mu bikorwa.** Uru rupapuro rugomba gusobanura muri make umushinga n'ibice byawo cyangwa ibikorwa bishobora gukenera amagabanywa mashya cyangwa akakaye kurushaho ku ikoreshwa ry'umutungo kamere. Rugomba kandi gusobanura ingamba abantu bagomba kwimurwa bagiramo uruhare mu gutegura umushinga.

(b) **Ibigenderwa kugira ngo abo bireba babe bemerewe**. Uru rupapuro rugomba kwerekana ko imiryango migari igomba kugerwaho izashyirwa muri gahunda yo kugaragaza icyavamo kibi cyose, gusuzuma akamari k'ibizavamo no gushyiraho ibintu ngenderwaho mu kwemererwa mu byemezo byose by'igabanywa cyangwa byo guhbwa indishyi ikwiye.

(c) **Ibyemezo bigamije gufasha abantu bireba mu muhate wabo wo kuzamura uburyo bwabo bwo kubona ibibatunga cyangwa kubusana, mu yandi magambo, ku rwego rwa mbere yo kwimuka, hakomezwa uburambe bw'icyanya cyangwa bw'agace gakomye, bizagaragazwa.** Urupapuro rugomba gusobanura uburyo n'ingamba imiryango migari izagaragarizamo ikanahitamo ibyemezo byo kugabanya cyangwa indishyi zishoboka zizahabwa abagizweho ingaruka, hamwe n'ingamba abagize umuryango mugari bagizweho ingaruka bazahitamo mu buryo bahawe.

(d) **Amakimbirane n'akarengane bishoboka mu miryango migari cyangwa hagati y'imiryango migari yagizweho ingaruka bizakemurwa**. Urupapuro rugomba gusobanura inzira zose zo gukemura impaka zifitanye isano no kugabanya ry'ikoreshwa ry'umutungo zishobora kuvuka mu miryango migari yagizweho ingaruka cyangwa hagati yayo, hamwe n'ubushyamirane bushobora kuvuka hagati y'abagize imiryango migari batishimiye ibikurikizwa mu kugena abemerewe, ingamba z'igenamigambi ku baturage cyangwa ishyirwa mu bikorwa nyaryo.

Ikindi, uburyo bw'ingamba bugomba gusobanura ingamba zifitanye isano n'ibikurikira:

(e) **Inzira z'ubuyobozi n'iz'amategeko**. Urupapuro rugomba gusesengura neza amasezerano yagezweho yerekeye ingamba zikwiye hamwe n'inzego z'ubuyobozi na za Minisiteri zirebwa (harimo

kutikumira gusobanutse kw'inshingano z'ubuyobozi n'iz'imari ku rwego rw'umushinga.

(f) **Ingamba z'ubugenzuzi.** Urupapuro rugomba gusuzuma ingamba zashyizweho z'ikurikiranabikorwa by'umushinga ridaheza mu byerekeye icyo bimariye (inyungu n'igihombo) abantu bari mu duce umushinga ukoreramo, no gukurikirana ubushobozi bw'ibyemezo bifatwa mu kunononsora (cyangwa byibura gusubiranya) umusaruro, uburyo bwo kubona ibibatunga n'uburyo babayeho.

10.5.2. Uburyo bwo koroshya ibibuza uburenganzira ku butaka

Kwimura abantu n'ibikorwa by'ubukungu bigomba kwigwaho ku mwanya wa nyuma kandi iyo byemejwe, bigomba gukorwa bijyanye n'ibipimo mpuzamahanga byo mu rwego rwo hejuru cyane. Mu by'ukuri, ibi bisobanuye kubahiriza amabwiriza nyobozi y'Umuryango w'Abibumbye yerekeye iyimurwa ry'abantu mu gihugu cyabo bwite (E/CN.4/1998/53/Add.2) n'imikorere myiza muri iki gihe muri urwo rwego (urugero: ibipimo bya Banki y'Isi ku bidukikije n'imibereho y'abaturage 5). Imishinga yose azakoresha uburyo bw'intambwe ku ntambwe mu gusuzuma ibikorwa, inyungu n'ingorane z'ibyo bikorwa ku miryango migari n'inzitizi zishoboka zibuza abantu kugera ku mutungo, ikurikirana rya gahunda zo kubyoroshya niba ari ngombwa rihabwa ubufasha n'umuryango mugari kandi rifite ishusho isobanutse y'inshingano z'ishyirwa mu bikorwa. Gahunda yose yo koroshya inzitizi igomba guhamba uruhushya rwo kwinjizwa mu mushinga. Iyo koroshya inzitizi z'uruhushya cyangwa zo kugera ku mutungo bidasuzumwe mu buryo bungana, urwego rwo gukemura impaka (GRM) ruraboneka kugira ngo ibirego bitangwe.

Mu gihe cy'ishyirwa mu bikorwa ry'umushinga, ni bwo imyihariko ya buri gikorwa cy'ishami ry'umushinga izagenwa, ibiterwa n'inzitizi zo kugera ku mutungo bizagaragazwa kandi ibyemezo byo kubyoroshya bizasuzumwa binitabweho. Uyu mwitozo ugomba gushyirwa mu bikorwa hakoreshejwe ubuhanga bwo kubyinjizamo abaturage, hibandwa ku buhanga bukomeye bw'ubuhuza bwibanda ku kugaragaza amakimbirane no kubaka ubwumvikane rusange. Inzobere mu bidukikije n'imibereho myiza y'abaturage izaba ifite ubuhanga, by'umwihariko mu kubaka ubushobozi bw'abakozi b'umushinga aho bakorera bwo gucunga ingorane mu buryo bwiza kandi bureshya kuri bose ifatanyije n'abafatanyabikorwa bo muri ako gace. Inzobere mu bwitabire bw'abaturage, hamwe n'inzobere mu bidukikije n'imibereho myiza y'abaturage (ESS) bazashyiraho mu bikorwa ingamba zo koroshya inzitizi zo kugera ku mutungo zishobora guhuzwa n'ibireba imibereho myiza y'abaturage n'umuco w'aho hantu niba ibyo bigaragajwe n'ishyirwa mu bikorwa ry'umushinga ko ari ngombwa. Incamake yerekana ko AE/EE ashobora gukurikirana amahugurwa adaheza ashobora kuzaganirirwamo inzitizi zo kugera kumutungo na gahunda zo kuzoroshya igaragazwa mu gice cya 14 cy'uyu mugereka. Bitewe n'inzego z'imiyoborere mu gace aho ibikorwa by'umushinga bizakorerwa, hashobora kubaho ko abafite uburenganzira baho bafata ibyemezo byerekeye kugera ku mutungo mu rwego rw'uburenganzira bwabo bwo kuwutunga. Hanashobora kubaho ko inzego z'ubutabera z'aho hantu zishyiraho amategeko abuza kuwukoresha. Izo nzego z'ubutabera zizaba zimwe mu bigize inzego z'ishami ry'umushinga.

Ingamba yo koroshya inzitizi zo kugera ku mutungo irimo byibura intambwe eshatu. Mbere na mbere, umukozi w'umushinga azagaragaza ibikorwa inzitizi ku kugera ku mutungo kamere zishobora kubonekamo. Hanyuma umukozi azagena inyungu n'ingorane zishoboka ugendeye ku watangije umushinga. Iya kabiri, umukozi w'umushinga azungurana ibitekerezo n'abafatanyabikorwa b'umuryango mugari ku nyungu cyangwa ku ngorane zagaragaye hagendewe ku gikorwa noku mbogamizi zishoboka. Iya gatatu, niba hari ingorane nyamukuru zitorohejwe cyangwa ubwumvikane buke bujyanye n'ingorane n'inyungu zishoboka, umukozi w'umushinga n'abafatanyabikorwa b'umuryango mugari bazakoresha ingamba zo gushakisha ubwumvikane bwo kugena igisubizo cyiza kurushaho cy'ingamba yo koroshya, azahitamo abashinzwe gukora icyo gikorwa no gukomeza gukorana n'imiryangomigari ku ntego zabo z'imicungire.

Ishyirwa mu bikorwa ry'uburyo bw'ingamba riteganya ko isuzuma ry'imbere ry'ibanze ryita ku mabanga yose yamenwe mbere y'amakuru yizewe kandi yoroshye agerwaho n'umushinga, harimo, ariko atari yo gusa, kugurana ibitekerezo n'abandi bagize Guverinomacyangwa imiryango itagengwa na Leta bagize uruhare mu ishyirwa mu bikorwa ry'inzitizi zo kugera ku mutungo kandi bize ku ngamba zo kubyoroshya mu duce baturanye. Intambwe zikurikira ziteganya ko amatsinda y'aho hantu yakoze ingamba zimbitse zo kugaragaza no gusesengura abafatanyabikorwa/ abafatanyabikorwa bavugwa bazagishwa inama mu gice cya kabiri n'icya gatatu by'ingamba mu ntambwe ya gatatu. Amatsinda y'abanyantege nke ashobora kuba agoye gushyirwamo kandi ni inshingano z'amakipe yo muri ako gace zo guhitamo uburyo buringaniza n'ubwo gukorana n'abafatanyabikorwa baho kugira ngo bashyiremo ayo matsinda. Kubera igikorwa cyo gushyiramo imiryango migari, uburenganzira n'amahirwe bizasobanurwa neza n'ingamba zidaheza z'ubushakashatsi bw'ubwumvikane bukoreshwe kugira ngo igisubizo cyo koroshya cyemewe kigerweho. Bitewe n'uko uburyo bw'ingamba bugamije kubonera umuti inzitizi zo kugera ku mutungo zizaba zigize ingamba zidaheza zagutse kurushaho umushinga wa GCF wahisemo, ibibazo byerekeye uburyo bw'ingamba, harimo uburyo bwose budakwiranye n'imibanire y'abantu n'umuco, bizatangazwa n'abawugize biciye mu rwego rwo gukemura ibibazo cyangwa n'ubundi mu buryo bwinshi bwateguwe hamwe n'imiryango migari y'aho hantu. Mu gusoza, iyo ingamba zo koroshya zatanzweho igitekerezo, ingamba zo kwemera ku bushake, mbere y'igihe kandi zisobanutse zizakurikizwa kugira ngo bibe byizewe iyandikwa ry'ubushake ryujujwe mbere yo gutangira ibikorwa by'iyoroshya.

10.5.3. Igenamigambi ry'imiturire mishya (RAP)[92]

1. Ni ryari igenamigambi ry'imiturize mishya rikenewe?

Ku mishanga mito yose/ibikorwa byose bigamije gutuza bundi bushya abatabifitiye ubushake cyangwa kwimura abantu batuye ahantu mu buryo butemewe, gahunda y'imiturire mishya irakenewe. Iyi gahunda izakorwa mu gihe cyo gusobanura umwihariko w'umushinga nyuma y'uko abatuye mu buryo butemewe bamaze kugaragazwa. Mu gihe cy'iyi nyandiko, nta kwimura

[92] IUCN, 2018. Guidance Note – Standard on Involuntary Resettlement and Access Restrictions

abantu guteganyijwe gushingiye ku kungurana ibitekerezo n'imiryango migari aho ibikorwa by'umushinga bizakorerwa.

2. Intego za gahunda y'imiturize mishya ni izihe?

Intego za gahunda y'imiturize mishya ni ugusobanura neza ingamba zose z'imiturize mishya n'ibyemezo bigamije kwirinda, kugabanya cyangwa gutanga indishyi z'ibyangiritse cyangwa ibindi bintu bibi ku mibereho y'abantu biturutse ku miturize mishya. Ishyiraho ishingiro ry'amasezerano hamwe n'abagizweho ingaruka.

3. Ni iki gishobora kuba kiri muri gahunda y'imiturize mishya?

Gahunda y'imiturize mishya igomba kuba irimo ibice umunani bisobanuye hano munsi.

a. Intangiriro:

- Ibisobanuro by'umushinga n'ishingiro ry'imiturize mishya;
- Ingamba zafashwe zo kwirinda no kugabanya gukenera gutuzwa bushya;
- Intambwe zidaheza zikoreshwa mu kugisha inama no kuganira n'abantu bagizweho ingaruka.

b. Urwego rw'amategeko:

- Gusuzuma no gukora urutonde rwa gahunga zose, amategeko n'amabwiriza aberanye n'ibikorwa byo kubona ubutaka no kongera gutura ashingiye ku mushinga, harimo inshingano n'ububasha bw'amategeko;
- Kugaragaza ibintu ibipimo bya IUCN byitaho mu buryo bukaze kurusha urwego rw'amategeko yo mu gihugu cyakira, by'umwihariko ku bibazo byerekeye indishyi (urugero: imirongo ngenderwaho n'ibikoresho bigomba gukoreshwa mu isuzuma ry'ingaruka zaryo, gusobanura uburyo bwo kwemererwa, guhitamo ingamba zo gutanga umutungo). Kwibanda ku kwereka imishinga ko igomba kugendana n'ibipimo bikaze;

• Gusobanura gahunda z'uburenganzira ku mutungo kuri buri cyiciro cy'ingaruka n'uburyo bw'igenagaciro bukoreshwa ku nzego, ku butaka, ku biti no ku yindi mitungo..

c. Gutuza bundi bushya no kwimura:

- Igisobanuro cy'umurongo ngenderwaho:
  - o Ahantu n'uburemere bw'imiturize mishya, umubare w'abantu barebwa n'ingamba z'imiturize mishya (zishingiye ku ibarura) n'igenwa ry'itariki ntarengwa;
  - o Gusuzuma niba ibidukikije, imibereho y'abaturage n'ubukungu bishoboka, amahirwe y'imiturize mishya ndetse n'ay'ingaruka za gahunda y'imiturize mishya ku mibereho y'abaturage no ku bidukikije;
  - o Kugaragaza abantu n'amatsinda yemerewe ubufasha bitewe n'uburenganzira ku butaka bahabwa n'itegeko cyangwa bahabwa n'umuco gakondo;
- Ingamba n'uburyo bwo kubonamo ubutaka no kubutunganya hamwe n'ibikorwa remezo bikenewe ku gutuza bundi bushya no kwimura abantu;

• Indangaminsi isobanutse yo guhabwaho ubutaka mu rwego rwa gahunda y'imiturize mishya, uburyo bw'imiturize mishya n'iyimura, n'izindi mpinduka zikomeye mu kugira uburenganzira bwokubugira no kubukoresha.

d. Indishyi no gusubizwaho kunononsorwa uburyo bwo kubona ibitunga abantu:

- Isuzuma ryigenga ry'ingaruka zose n'ibihombo bishobora kubyarwa n'igikorwa cy'umushinga cyo gutuza abantu bushya, bishingiye ku ibarura n'ibara ry'imitungo

yagizweho ingaruka, inyigo ku mibereho n'ubukungu no kugaragaza inzego, amatsinda n'imiryango migari yagizweho ingaruka;

• Ibisabwa ngo ube wujuje wemerewe (bishingiye ku burenganzira uhabwa n'amategeko n'ubutari ubw'amategeko) n'igisobanuro cy'itariki ntarengwa y'ibarura n'icy'ishyirwaho ry'igenagaciro;

• Igaragaza ridaheza ry'ingaruka mbi ku buryo bwo gushaka ibibatunga, harimo ingaruka ku ikoreshwa gakondo n'agaciro by'ubutaka n'imitungo, ibyerekeye imibereho byo gushaka ibibatunga n'ingaruka ziziguye; igereranya ry'ireme ry'ibitunga abantu hagati y'imiturire ntangiriro n'imiturire iteganyijwe;

• Igaragaza ridaheza ry'ingamba zikomatanyije z'indishyi, isana n'inononsorwa byo kwitabwaho;

• Ingamba zihariye zigamijwe n'amasuzuma y'ingaruka n'inyungu zazo zitezwe;

• Ibiteganyijwe mu kurinda no kunononsora uburyo by'imibereho;

• Ibikenerwa n'amahugurwa, kubaka ubushobozi no gukomeza inzego n'ubufasha bwa tekinike no guhererekanya ikoranabuhanga;

• Ibisabwa mu gutanga indishyi z'amafaranga na/cyangwa z'ibintu;

• Incamake y'ibiteganywa mu buryo bw'imbonerahamwe y'uburenganzira ku mutungo.

e. Uburyo bwo gushyira mu bikorwa:

• Uburyo bw'inzego z'iki gihe bushingiye ku ngamba z'imiturize mishya, imbaraga n'intege nke;

• Uruhare n'inshingano muri gahunda z'imiturize mishya no mu ishyirwa mu bikorwa z'ingamba zumvikanyweho zo gutanga indishyi n'igarurwa n'inononsorwa ry'uburyo bw'imibereho;

• Indangaminsi n'inshingano zo kwishyura indishyi, n'uburyo bwo gukora, kwakira, kwandika, gusuzuma n'igenzuramari ry'imyishyurire;

• Uburyo bugamije uburambe n'ishyirwa mu bikorwa nyuma y'indangaminsi y'umushinga;

• Gahunda irambuye y'ishyirwa mu bikorwa ry'imiturize mishya n'amasano na gahunda y'imirimo y'umushinga.

f. Uburyo bw'ingengo y'imari n'ubw'imari:

• Ikiguzi kirambuye cya gahunda z'imiturize mishya

• Ingamba zo gutera inkuga y'amafaranga na gahunda yo kwemeza uburambe mu by'imari bw'ibikorwa bizakomeza kubaho na nyuma yo kubaho k'umushinga.

g. Igenzura n'isuzuma:

• Gahunda y'igenzurabikorwa irimo ibimenyetso n'intego, inshingano n'uburyo, indangaminsi zo gukusanya amakuru no gutanga raporo, ingamba z'icyo byatanze n'iyinjizwamo ry'umusaruro mu byemezo n'uburyo mu bijyanye n'igenamigambi n'ishyirwa mu bikorwa ry'isuzuma ryo mu mpera ya gahunda;

• Uruhare rw'abafatanyabikorwa mu igenzurabikorwa n'isuzumabikorwa;

• Uburyo bw'imicungire y'ingamba zihujwe, niba bibaye ngombwa.

h. Uburyo bwo gukemura akarengane:

• Ibiteganywa, amategeko ngenga n'imigenzo y'ahantu mu mikemurire y'amakimbirane n'akarengane;

• Inzira abantu bagizweho ingaruka bashobora kunyuramo bajuririra igenagaciro ry'imitungo n'ikoreshwa ry'imitungo babona ko ryabarenganyije kandi ritakozwe uko bikwiye;
• Inzira zo kwandikisha no gukemura ubushyamirane bwerekeye imiturize mishya cyangwa itangwa ibiteganywe byerekeye itangwa ry'indishyi n'ishyirwa mu bikorwa ry'ibyo biteganywa;
• Ibiteganywa byihariye ku bagore n'abanyantege nke kugira ngo bibe byizewe ko uburenganzira ku nzira zo kurega bingana;
• Uburyo bwo kwitabaza amategeko.

4. Inama z'inyongera

AE na EE bazifata muri rusange boye gushyira mu bikorwa cyangwa kugenzura ingamba z'imiturize mishya itarimo ubushake, kuko ni ibikorwa bisobetse kandi byikubira umutungo bizakenera ubuzobere bw'inyongera. Iyimurwa iryo ari ryo ryose rizakenera guhangwa hagendewe ku gatabo k'amabwiriza y'imiturize mishya (2002) ka IFC, muri rusange gafatwa nk'imigirire myiza cyane mu ruganda[93].

[93] Handbook for preparing a resettlement action plan (English). IFC E&S Washington, D.C. : World Bank Group.http://documents.worldbank.org/curated/en/492791468153884773/Handbook-for-preparing-a-resettlement-action-plan

10.6. ESS 6. Kubungabunga urusobe rw'ibinyabuzima n'imicungire irambye y'umutungo kamere w'ibifite ubuzima

Kubungabunga urusobe rw'ibinyabuzima n'imicungire irambye y'umutungo kamere w'ibifite ubuzima[94,95], Kubungabunga urusobe rw'ibinyabuzima n'imicungire irambye y'umutungo kamere w'ibifite ubuzima[96,97], n'uruhare rwazo nka moteri nyamukuru y'iterambere ry'aho ziri n'iry'igihugu kubera gukurura ba mukerarugendo bo ku rwego rw'isi[98]. Umubare wose w'amoko y'inyamabere, y'inyoni, y'ibikururanda, y'ibikeri n'ibimera byabaruwe muri iyi misozi kugeza ubu uragera ku 1 924, muri yo amoko 213 akaba ari mu nzira yo gucika muri Rift ya Albertine n'amoko 43 yugarijwe (CR, EN, VU) dukurikije urutonde rutukura rwa UICN (2010). Icyakora, aya mashyamba abaho nk'ibirwa karemano hagati bizengurutswe n'urwunge rw'imiturire icucitse y'abantu n'ihindura ry'imisozi kugira ngo iberane n'ubuhunzi. Kuri ubu ibi birwa by'amashyamba birarinzwe nk'Ibirunga, Nyungwe n'Ibyanya/Pariki bya Gishwati-Mukura.

Bimwe mu bibazo b'urusobe rw'ibidukikije akarere karimo gahura na byo muri iki gihe byavuzweho birambuye mu mugereka wa 2.1 kandi birimo ihindurwa rusange ry'amashyamba mo uduce tw'ubuhinzi, rigakurura iyangirika ry'ubutaka ritewe n'inkangu hamwe n'ubwiyongera bw'ibyago by'inkongi ku mashyamba kubera itakara ry'amashyamba abutwikiriye n'igabanywa ry'akamaro k'amashyamba ku ruhererekane rw'ivika ry'amazi. Bitewe n'ibice by'amashyamba bivangwa no gushyiraho imiturire icucitse ya muntu, habaho bumwe na bumwe mu busumbane bw'urusobe rw'ibidukikije n'ingaruka ku nyamaswa z'agasozi kandi ubukana bwabwo bushobora gukomezwa n'umushinga. Kuri raporo irambuye, amoko10 y'ibimera bitanga indabo, amoko 5 y'udusimba azwi n'ayo mu mahanga yaduka mu Rwanda, amenshi muri yo yarazanywe nta gahunda ku mpamvu z'ubukungu zigira ingaruka ku rusobe ry'ibinyabuzima[99]. Bizaba ngombwa gushishoza ko aya n'andi IAS atongera kuzanwamo nk'igice cy'ibikorwa by'umushinga. Amakimbirane hagati ya muntu n'inyamaswa z'agasozi na yo ni ikibazo mu miturire y'abantu mu nkengero z'uduce tw'ishyamba ku Isunzu rya Kongo-Nili. Rimwe na rimwe, itakara ry'umusaruro ryagize uruhare rukomeye ku ngaruka z'imirire mu bitunga abahinzi[100]. Aya makimbirane arazwi kandi kubera gahunda y'isaranganya ry'umusaruro w'ubukerarugendo yatangijwe mu mwaka wa 2005, 5% by'umusaruro wose w'ubukerarugendo bijyanwa mu kwishyura indishyi ku bagizweho ingaruka n'amakimbirane hagati ya muntu n'inyamaswa z'agasozi. Itegeko teka rya Minisitiri w'Intebe n°26/03 du 23/05/2012 riteganya ibiciro, uburyo bwo kubara n'ibigenderwaho mu kugena indishyi ku wangirijwe hagendewe ku buremere bw'igihombo cyabaye[101]. Uburyo bw'indishyi

94 Plumptre, et al. 2016. Conservation Action Plan for the Albertine Rift. Wildlife Conservation Society

95 UN/CBD. 2020. Rwanda 6th National Report to the Convention on Biological Diversity

96 RDB. 2021. Rwanda Development Board Annual Report

97 Andrew, G., Masozera, M. 2010. Payment for Ecosystem Services and Poverty Reduction in Rwanda. Journal of Sustainable Development in Africa (V12, No.3)

98 RDB. 2021. Annual Report

99 BIOCEM-RD Ltd 2016. Study to assess the impacts of invasive alien species (flowering plants, fish and insects) in natural forests, agro-ecosystems, lakes and wetland ecosystems in Rwanda and develop their management plans. Rwanda Environment Management Authority

100 McGuinness, S. and D. Taylor. 2014. Farmers' perceptions and actions to decrease crop raiding by forest-dwelling primates around a Rwandan forest fragment.

101 Banamwana, C., Dukuziyaturemye, P., G. Rwanyiziri. 2021. Evaluating the trend in managing human-wildlife conflicts in and around Akagera National Park, Rwanda.

z'ibyangijwe n'inyamaswa z'agasozi bucungwa n'Ikigega kidasanzwe cy'Indishyi. N'ubwo butaba bwiza cyane, ubu buryo burafunguye ku micungire ibureba kandi buzaba ingenzi mu kuzamura imituranire ku Isunzu rya Congo-Nili mu budahangarwa ku ihindagurika ry'ikirere[102].

Ingamba zateganyijwe zo kurengera amashyamba zizaba izo kuyasana, nk'uko bisobanuye munsi. Ingamba ziteganyijwe mu "Mabuye agenderwaho n'Ihuzwa ry'Imisozi" (iri hanze ya za Pariki) zizaba izo muri ako gace zo kurinda ibibanza bito n'uduce turi mu nkengero aho uburyo busanzwe bukomeje, kurinda kunganiwe no gutera amashyamba n'ibiti bivangwa n'imyaka. Igice cya 6 cy'inyigo yo kureba niba bishoboka (umugereka wa 2) gisobanura birambuye isuzuma n'iyemezwa ry'ibi bikorwa kandi kikarambura ibyiza n'ibibi ku buzima by'izi ngamba. Hano munsi murahasanga incamake yo gusana no gutera amashyamba.

Isanwa ry'uduce turinzwe

Umushinga uzaba ugamije ingamba zikomeye mu mashyamba arinzwe, ni ukuvuga isanwa rya hegitari 500 z'amashyamba yangijwe muri GMNP no kurandura ibishihe biri kuri hegitari 4 500 za NNP. Muri GMNP, ibikorwa bizibanda ku kurandura amoko y'ibimera by'ibinyamahanga no gusana ibirombe by'ubucukuzi bya kera muri pariki hakoreshejwe amoko y'ibimera gakondo byo muri pariki kandi aho bishoboka, umushinga uzaha agaciro isazura uhereye ku bigega by'imbuto z'ibiti. Muri Pariki y'Igihugu ya Nyungwe, agace ko gusana kabaye indiri y'ibishihe kubera inkongi yo mu 1997 yangije 12% bya pariki. Igikorwa kizaba kigamije gutema ibishihe n'ubutaka utabikubaganyije kugira ngo imbuto karemano zishobore kumera zihereye ku bigega by'imbuto n'inkomoko z'imbuto ziturutse mu batuye aho hafi batakozweho. Ubu buryo bwitwa "isazura gakondo rifashijwe" bwagaragye nk'aho ari bwo buryo bufite ireme mu gusana amashyamba yo kuri CND, haba mu rwego rw'inyungu, haba mu rwego rw'ikiguzi ku rusobe rw'ibinyabuzima (reba isuzuma ry'amahitamo mu gice cya 4 cy'umugereka wa 2 ya raporo ku ishoboka). Ubushakashatsi bwakozwe mu gihe cy'imyaka myinshi muri Pariki y'Igihugu ya Nyungwe no mu ya Gishwati-Mukura bwagaragaje ko isazura gakondo rifashijwe ry'amashyamba cyimeza ari zo ngamba zikwiye cyane zo kongera kugira amashyamba akungahaye mu rusobe rw'ibinyabuzima n'akamaro kabiturukaho mu Burengerazuba bw'u Rwanda. Uburyo gakondo bw'isazura rifashijwe ryateye izamuka rigaragara ry'ireme ry'ibiti (ibiti 5 500 kuri hegitari mu gihe byahoze ari 1 100 kuri hegitari), ubukungu buri hejuru bw'amoko, impuzandengo y'isimbura ry'ibicanwa iri hejuru ugereranyije n'uduce tutatunganyijwe[103],[104]. Buranahendutse kurusha umuhate wo gusazura mu buryo bw'imbaraga.

Uburyo bw'isazura gakondo rifashijwe burimo itema risubirwamo ry'amoko y'ibiti by'ibinyamahanga (urugero: ibishihe) ridindiza kongera kubona mu buryo busanzwe amoko gakondo y'ibiti by'ishyamba. Itema risubirwamo ry'ingara z'ibishihe riha imbuto z'ibiti bitoto amahirwe yo gukura zikaba ibiti birebire bisumba ingara z'ibishihe, bityo bikarusha ibishihe kugera

102 Gloriose, U. 2019. Community perceptions of human-wildlife conflicts and the compensation scheme around Nyungwe National Park (Rwanda). International Journal of Natural Resource Ecology and Management 4(6):188-197

103 Masozera, A.B., Regeneration of Burned Forested Areas With Periodic Removal of Pteridium aquilinum. Wildlife Conservation Society Rwanda, 2004.

104 Arakwiye et al. (in prep). Early ecological outcomes of passive and active forest restoration approaches in Western Rwanda

ku rumuri. Si ngombwa guharura ibikombe byose by'imisozi, ahubwo ni ibibanza by'agace gafite ibyo bibazo byatoranyijwe n'ubushishozi byonyine, kuko bizarangira amoko gakondo abaye maremare bihagije agakingiriza uduce turimo ibishihe. Ibi bitanga umusaruro cyane kurusha uburyo gusazura bw'imbaraga (urugero: gutera ibiti), kuko nta kiguzi cyo gutegura imbuto cyangwa cyo gutera ibiti bitoto, kandi uburyo bwose bwo gusazura bukoresheje imbaraga bushobora kubanza gukenerwa mu gutsemba ibishihe.

Umuryango *Wildlife Conservation Society* (WCS) wakoze isazura gakondo rifashijwe ku rwego ruto muri Pariki y"igihugu ya Nyungwe guhera hagati mu mwaka wa 2000 unashyirah itsinda tekinike ry'inzobere ryo kuvanga mu mirebere uduce twatunganyijwe n'imbibi n'imimerere karemano by'ishyamba. Mu nyigo zakozwe ku isazura gakondo rifashijwe, ibibanza byasaga nk'aho ari karemano cyane mu gihe igipimo n'imiterere by'ikibanza bihindagurikaga. Aha rero, ibibanza bizashyirwa mu matsinda mu byicirobitatu by'ibipimo: ikibanza kinini cya m2 750, ikibanza gicirirtse cya m2 500 n'ikibanza gito m2 250. Amatsinda ahakorera azahitamo imiterere y'ibibanza yivanga mu migaragarire karemano ari na ko agabanya isuri (ibibanza byagukiye ku murongo w'urubibi rw'ubucurame, si mu bumanuke). Abantu bahawe akazi baturutse mu miryango migari y'aho hantu bazakora ibikorwa byo kurandura ibishihe bifashishije imipanga n'ibindi bikoresho by'amaboko. Ibiti/ibiti bitoto/ingemwe bizarindwa binyuze muri izi ngamba, kandi hagati ya cm 2 na 5 zizasigwa mu kurinda ubutaka. Kubera ko igishihe gifite ubushobozi bwihariye bwo gufata intungabimera zirimo imyunyu ngugu nka fosifate inoruganike, nitorojeni na potasiyumu, ibishihe byatemwe bizarekerwa aho ngaho kugira ngo bitangize isana ry'uruhererekane ry'intungabimera. Uduce tw'isazura tuzajya twongera gusurwa kandi ibyatsi byameze bundi bushya birandurwe buri mezi atatu mu gihe cy'imyaka itatu kugira ngo bibe byizewe ko ibiti bishya byafashe, ari na ko hakomeza irwanywa ry'ibishihe.

Isazura ry'amashyamba ntirigomba guteza ibyago inyamaswa, keretse ibangama ridakabije ritewe no gutera ibiti. Gutera bishobora kuzamura imibanire hagati ya muntu n'inyamaswa z'agasozi ku bakora mu isazura ry'amashyamba, ibi biri mu gice cya 10.2 ku gace kitwa Umurimo n'imiterere y'akazi no mu gice cya 10.4 ku mutekano w'imiryango migari)..

Gutera amashyamba/gutera ibiti bivangwa n'imyaka byo mu mabuye yambukirwaho no mu mihurire

Amabuye yambukirwaho ni amapfundo ya ngombwa hanze ya za pariki z'igihugu zo muri iki gihe za ngombwa mu gukomeza imihurire y'imisozi, agizwe n'ibibanza bito by'ishyamba riri ukwaryo, mu mashyamba arinzwe ya Dutake na Karehe-Gatuntu n'nzuri zagutse za Gishwati. Utu duce tugize ikintu cy'ingenzi cyane kuri bimwe (ibibanza) by'isazura no kurinda ishyamba, hamwe no ku buvumvu. Inzuri za Gishwati zigize ikintu cy'agacirokanini ku biti bivangwa n'imyaka ku butaka bwagenewe ubworozi kugira ngo hongerwe iterwa ry'ibiti gakondo ngo hakorwe ihuza ry'imisozi rifatika ku mpamvu y'amoko y'amashyamba.

Imihurize y'imisozi ni ahantu h'agaciro cyane mu duce tw'ubuhinzi dukenera guterwaho amashyamba kubucurame bukabije n'uduce tuhakikije kugira ngo duhuzwe na CND ku rwego rw'umusozi. Ibikorwa byo gukoresha ubutaka bijyanye na bwo bizaba bigizwe n'ibiti bivangwa n'imyaka, iyongera ry'ikoreshwa ry'amoko gakondo, kongera gutera amashyamba ku bucurame dukabije n'ubuvumvu.

Isunzu rya Kongo-Nili, kimwe n'ahandi mu Rwanda, ryiganjemo ubuhinzi ngandurarugo bugendeye ku mvura. Ibimera by'ubu muri ako gace birimo ibihingwa, amashyamba y'amaterano, amashyamba cyimeza n'inzuri. Ibihingwa by'ingenzi birimo ibigori, ibirayi, ibishyimbo bishingirirwa, imyumbati, urutoki n'ibijumba, ku butaka buto bw'ibipimo biciriritse bya hegitari 0,5. Haba kandi ibihingwa ngengabukungu nka kawa, icyayi n'ibireti. Haba ubuso buto bw'inzuri zikikije Gishwati-Mukura, ziganjemo amatungo manini mu buryo bw'inzuri z'ubuntu ku bworozi butanga amata n'inyama. Muri rusange, imicungire y'ubutaka kuri CND ni mibi cyane, bigatera umusaruro muke w'ibihingwa n'iyangirika ry'ubutaka, by'umwihariko ku bucurame dukabije, aho isuri yiganje[105,106]. Mu kurwanya iryo yangirika, abahinzi benshi bahisemo ubuhinzi bw'ibiti bivangwa n'imyaka (igikorwa kigamije gushyira ibiti ku butaka buhingwaho imyaka). Muri CND yose, ubuhinzi bw'ibiti bivangwa n'imyaka bukorerwa kuri hegitari zirenze 60 000 z'ubutaka, gahunda z'Uturere z'iterambere zikaba ziteganya kuzikuba kabiri mu 2024.

Impuzandengo y'ubucucike bw'ibiti ivanze n'imyaka mu Ntara y'Uburengerazuba ni 32,3 kuri hegitari, ikaba ari yo nini mu Ntara zose z'u Rwanda ikanaruta impuzandengo ku rwego rw'igihugu ya 25,1[107] kuri hegitari. Ibi biti bivangwa n'imyaka bitanga impuzandengo ya m^3 9,3 y'ibiti kuri hegitari mu Ntara y'Uburengerazuba, ari byo bibigira isoko ikomeye y'inkwi mu karere. Gahunda y'u Rwanda y'Ingufu zisimbura Inkwi igaragaza ko inkwi zikenewe zirenga hafi inshuro 5 ku ziboneka, igaragaza kandi ko kuzamura itera ry'ibiti bivangwa n'imyaka ari ngombwa mu kugabanya ubu busumbane hagati y'izikenewe n'izihari[108].

Guhitamo uburyo bumwe bw'ubuhinzi buvanga ibiti n'imyaka cyangwa ubuhinzi bw'ibiti mu mirima bikorwa mu buryo bw'intera zingana mu karere kose ka CND. Mu by'ukuri, ibiti byasaruwe mu mirima yagenewe ubuhinzi bingana hafi na 29% by'umusaruro w'imbaho mu Ntara y'Uburengerazuba[109]. Icyakora uyu mubare uri hejuru uterwa cyane cyane n'ubwaguke bw'ubutaka buhingwa, hamwe n'umusaruro wose w'uburyo bwo kuvanga ibiti n'imyaka, akenshi bufite intege nke bitewe n'ubutaka butacyera, isuri n'ibindi. Muri rusange, gusibiramo ibyavuye mu biganiro n'abatanga amahugurwa bakuru n'ibiganiro mu matsinda byagaragaje inzitizi enye ihitamo ry'ubuhinzi buvanga ibiti n'imyaka rihura na zo mu cage ka CND: 1) imbibi z'imibereho n'ubukungu mu guhitamo ivanga ry'ibiti n'imyaka; 2) kugera ku biti byo gutera bifite ireme ritandukanye, ntihanaboneke ingemwe zihagije n'ubuhumbikiro budafite ubushobozi bwo guhaza ububiko bwabwo; 3) uburyo budashyitse bwo kwegereza abaturage ubumenyi mu buhinzi bw'ibiti bivangwa n'imyaka bigatuma 4) abahinzi babura ubumenyi n'ubushobozi bwo gushyira mu bikorwa uburyo bw'amahitamo kandi bufatika bw'ubuhinzi buvanga ibiti n'imyaka.

Intego z'umushinga ni uguteza imbere ubuhinzi buvangwa n'ibiti kugira ngo hagabanywe isuri hanazamurwe umusaruro w'inkwi zo gucana, hibandwa cyane cyane ku moko gakondo. Izi si ingaruka nyamukuru zituruka ku bikorwa by'umushinga, ahubwo isuzuma ryimbitse ry'amoko y'ibiti bivangwa n'imyaka yo gutezwa imbere rizakorwa. Amoko gakondo ni yo agendana neza n'imiterere y'ikirere cyo mu gace ka CND kandi nta mpungenge atera ku mashyamba cyimeza,

105 Rwanda National Institute of Statistics, 2019. Seasonal Agricultural Survey Annual Report. Kigali, Rwanda.

106 Rwanda Ministry of Environment, 2019. Soil Erosion Control Mapping Report. Kigali, Rwanda.

107 Rwanda National Forest Inventory 2015

108 Rwanda Biomass Energy Strategy 2019

109 Republic of Rwanda. 2016. National Forest Inventory. Results.

bitandukanye n'amoko yavuye mu mahanga. Icyakora, ibyo abahinzi bakunda bigomba na none guhabwa agaciro, kandi gukenera amoko y'amanyamahanga byarazamutse cyane mu karere ka CND[110]. Ibikorwa by'isana bishya byagaragaje ko amoko nka Alnus acuminata, n'ubwo akundwa cyane n'abahinzi baho kubera umwihariko wayo wo kuvangwa n'imyaka, ashobora kuba ibyonnyi iyo atewe mu nkengero z'amashyamba cyimeza/pariki z'igihugu. Umushinga uzashyira mu bikorwa gahunda y'ubukangurambaga no kwigisha kugira ngo hatezwe imbere inyungu z'amoko gakondo, maze bibe byizewe ko abahinzi bumva neza akamaro k'amoko gakondo mu buhinzi buvanga imyaka n'ibiti. Igihe abahinzi bifuje gusa gutera amoko mvamahanga, ingaruka zishoboka z'ayo moko ku ishyamba cyimeza zizasuzumwa, kandi ingamba zikwiye zo kuzoroshya zishyirwe mu bikorwa (urugero: uburebure bukabije kugira ngo hagabanywe ibibazo by'ikwiragizwa ry'utubuto). Niba iyoroshya ry'ingorane ridashoboka (urugero: abahinzi begereye uduce tw'ishyamba cyimeza), utwo duce ntituzagerwamo n'umushinga. Urugero, gusura ahantu n'ibiganiro mu matsinda byerekanye ko Alnus Acuminata yigaragaje nk'ubwoko bwona muri Pariki y'Igihugu ya Gishwati. Ku bw'ibyo, umushinga uzateza imbere Alnus ku muzenguruko w'amashyamba cyimeza arinzwe. Umushinga uzagaragaza intera y'aho ubu bwoko n'ubundi bwoko bw'ibiti bivangwa n'imyaka byona bizaterwamo hanze ya za pariki z'igihugu.

Birakwiye kuvuga ko ingemwe ziboneka by'igice kubera imikorere mibi y'ubuhumbikiro. N'ubwo hari ingamba zafashwe n'Ikigo cy'Igihugu cy'Imbuto z'Ibiti zo kugeza imbuto z'ibiti zujuje ubuziranenge, urwego rutemewe rw'imbuto z'ibiti, rutita ku buziranenge bw'imbuto z'ibiti rwazamutse vuba kugira ngo rutange ibisubizo ku ikenera ry'imbuto ryazamutse cyane. Ingano nini y'imbuto zikoreshwa mu bikorwa byo gutera ibiti, gutera amashyamba no kuvanga ibiti n'imyaka muri iki gihe zituruka ahantu hatazwi, bikazamura ibibazo by'ubwoko bw'ibiti butifuzwa n'ivangabwoko cyangwa ibangurira, bikaba byateza igabanuka ry'ubuziranenge bw'amashyamba (urugero: korohera ibyonnyi n'indwara), bityo n'igabanuka ry'umusaruro w'amashyamba cyangwa urwego rw'ibiti bivangwa n'imyaka[111].

Imikorere mibi y'ubuhumbikiro yiganje mu karere ka CND, ikomeza ikibazo cy'ikoreshwa ry'imbuto zidafite ubuziranenge, bigahagarika cyane ibikorwa byo gutera kuvanga ibiti n'imyaka n'ibyo gutera amashyamba[112]. Inyinshi muri gahunda zo gutera ibiti zisanzwe zishingikiriza ubuhumbikiro butoya bufite amikoro makeya yo gutegura ku bwinshi ibikoresho byo gutera ibiti. Vuha aha cyane, Guverinoma yafashe icyemezo cyo gutegura ingemwe hifashishijwe ba Rwiyemezamirimo bato. Icyakora, bitewe no kubura amikoro ahagije n'ubumenyi tekinike, muri iki gihe ingemwe nyinshi zitegurwa muri urwo rwego nta buziranenge zifite. Iryo bura ry'amikoro na none ryazamuye uburyo bwo kwaduka kw'amoko y'ibyonnyi n'udukoko dutera indwara biturutse mu buhumbikiro bucunzwe nabi. Bityo, n'ubwoumushinga utegurwa utazamaraho izo ngorane, ni ukuvuga ko ingemwe zishobora buri gihe kuzana icyonnyi cyangwa agakoko gatera indwara, ariko bitagambiriwe, mu ishyamba ryari ryifitiye ubuzima buzira umuze, ibikorwa

110 Liyama, M., Mukuralinda, A., Ndayambaje, J. D., Musana, B. S., Ndoli, A., Mowo, J. G., Garrity, D., Ling, S., & Ruganzu, V. (2018b). Addressing the paradox–the divergence between smallholders' preference and actual adoption of agricultural innovations. International Journal of Agricultural Sustainability, 16(6), 472–485

111 MINILAF 2018. National Tree Reproductive Materials Strategy

112 MINILAF 2018. National Tree Reproductive Materials Strategy

biteganyijwe bizagabanya byanze bikunze ibibazo zose ibyo byatera Bizana uburyo bwiza cyane bw'imicungire binahugura abacunga ubuhumbikiro ku kuntu batahura bakanirinda ikwirakwizwa ry'ibyo byonnyi.

Inyigo y'imishobokere (Umugereka wa 2) isobanura birambuye amoko azakoreshwa ubwo ishyirwa mu bikorwa ry'umushinga rizaba ritangiye, kungurana ibitekerezo n'imiryango n'abafatanyabikorwa bizagena urwunge rwa nyuma rw'amoko agendanye n'uduce twihariye, bitewe n'ibikenewe.

Gahunda zo gutera amashyamba ntizigomba guteza ibyago inyamaswa, uretse ibangama ryoroheje ritewe no gutera ibiti. Itera ry'ibiti rizongera ubusabane hagati ya muntu n'inyamaswa z'agasozi ku bakora mu rwego rwo gutera ibiti bivangwa n'imyaka - ibyo bibazo bizaba biringaniye n'ibyo ba nyiri ubutaka bashobora guhura na byo umunsi ku munsi nta ruhare umushinga ubigizemo. Koroshya imibanire hagati ya muntu n'inyamaswa z'agasozi byizweho mu gice cya 10.2 ku gace kitwa Umurimo n'imiterere y'akazi no mu gice cya 10.4 ku mutekano w'imiryango migari).

Ikorwa ry'iziko/imbabura

Amaziko/imbabura zizigama ibicanwa ni ikoranabuhanga ryiza cyane rifasha imiryango migari kugabanya igitutu ku mashyamba n'undi mutungo kamere. Ubwo kandi, ibura ry'ibicanwa, ihumana ry'uburyo bwo guteka busanzweho n'amaziko/imbabura zihendutse zinaboneka cyane bigatuma guhitamo amaziko azigama ibicanwa birushaho gushoboka. Umushinga uzafatanya n'Amashuri y'imyuga n'ubumenyi ngiro (TVET) n'ibigo bito n'ibiciriritse (SMEs) biyoborwa n'urubyiruko kugira ngo hashyirweho amashyiga y'icyitegererezo azigama ibicanwa, ibigo bito n'ibiciriritse biyoborwa n'urubyiruko bikazayakora nk'ikigo cy'ubucuruzi gikorana n'abaturage basanzwe. Hamwe n'uburyo bw'ubucuruzi, uyu mushinga urasubiza ibibazo by'iziko riramba, rizigama ibicanwa kandi rikomeye ku miryango ikennye yo mu Rwanda. Umushinga uzakora ku buryo amaziko azigama ibicanwa aba afite ubuziranenge buri hejuru kandi ari mu murongo w'ubucuruzi bw'ibigo bya SMEs bidaheza kugira ngo ahe icyizere abayahisemo, agaragaze ubusirimu n'uburambe bw'ubucuruzi bwayo. Ibi bizaba birimo isesengura ry'urwego rugeza ibintu ku babikeneye bakora ku buryo ibikoresho byakoreshejwe bakora iziko bituruka ku bintu biramba kandi bigabanya ihumana ry'umwuka ugereranyije n'uburyo bwo guteka burimo bukoreshwa ubu mu gukora iziko n'ikoreshwa ryabyo n'ingo z'abantu ku giti cyabo. Kugira ngo guhunda yo gukwirakwiza izo mbabura zicana make ikomeze, ibumba ryakoreshejwe mu gukora iziko rigomba gukurwa mu migezi cyangwa mu tundi duce ariko bitabangamiye amafi n'inyamaswa z'agasozi. Ibigo bito n'ibiciriritse biyoborwa n'urubyiruko bazahabwa inama mu gutegura imishinga y'iterambere ry'ubucuruzi izashoboza gukora za gahunda z'ubucuruzi no guhabwa inguzanyo ziturutse mu bigega bisanzwe bitera inkunga gahunda zo kurwanya imihindagurikire y'ikirere, urugero nk'Ikigega gifasha abaturage guhangana n'ingaruka z'imihindagurukire y'ikirere (CAF).

Ibisabwa mu isesengura ry'ubuziranenge bw'iziko bizaba birimo: ubushobozi bwo kuzigama ibicanwa ugereranyije n'amaziko ariho ubu, nibura ku rwego rwa 2 rw'imyuka ihumanya yohereza mu kirere; igihe cy'uburambe cy'imyaka ine nibura no kuba aberanye n'ibyaro.

Ntitwiteze ko hari ingaruka mbi zizaba ku nyamaswa z'agasozi kubera ibikorwa byo gukora no gukoresha ayo maziko/mbabura.

Imbonerahamwe 10.6.1. ESS 6: Isuzuma ryo kubungabunga urusobe rw'ibinyabuzima n'ikoreshwa rirambye ry'umutungo kamere

EA/EE n'abashinzwe imishinga mito bireba bashyize mu bikorwa za gahunda, ingamba, uburyo n'ubushobozi bwa ngombwa kugira ngo bemeze ko:

(a) ku ngingo iyo ari yo yose, imishinga mito ibera muri cyangwa hafi y'uduce turinzwe n'amategeko cyangwa byemejwe bitari ku mugaragaro ko tugomba kurindwa, tuzwi n'abaturage kavukire cyangwa indi miryango migari kubera agaciro katwo kanini mu by'urusobe rw'ibinyabuzima, ibikorwa byirinda *gusembura ingaruka mbi* ku rusobe rw'ibinyamuzima n'ubusugire bw'ibidukikije;

(b) umushinga muto uwyo ari wo wose iri mu cyangwa mu nkengero z'uduce dukungahaye ku rusobe rw'ibinyabuzima kirimo ibikorwa byo kubaka ibikorwa remezo (urugero: umunara wo kurindiramo, ishyirwaho ry'ibikorwa, ibikorwa by'umuhanda, ibikorwa remezo by'amazi ku rwego rutoya) cyangwa ibikorwa by'ubukungu mu bukerarugendo n'ingaruka zo gukuraho imyanda mu buryo butaboneye, byo kubangamira uduce inyoni zarikamo, by'isuri yo ku bucurame kubera inzira z'aburira imisozi, n'ibindi bizirinda ingaruka mbi ku rusobe rw'ibinyabuzima mu gihe cy'ibyiciro by'ubwubatsi n'ikoreshwa);

(c) kuri buri ngingo y'umushinga muto ubera hanze y'urusobe rw'ibinyabuzima ufite agaciro ko hejuru cyane, ibikorwa byirinda giteza *ingaruka mbi zikomeye* ku rusobe rw'ibinyabuzima n'ubusugire bw'ibidukikije;

(c) buri mushinga muto hanze y'uduce dukungahaye ku rusobe rw'ibinyabuzima rurimo iterambere ry'ibikorwa remezo cyangwa byo gutera ibiti (n'ubwo byaba ari ku rwego ruto) cyangwa ibindi bikorwa (urugero: kuvanaho ibimera bitwikiriye ubutaka, guhanga isuri y'ubutaka na/cyangwa imyanda yitsindagiye hepfo cyangwa irindi bangamira) byirinda ingaruka mbi zikomeye ku rusobe rw'ibinyabuzima no ku bupfura bw'ibidukikije mu byiciro by'ubwubatsi n'ibyo gukoresha;

(d) imishinga mito yose zigura umutungo kamere uturutse mu tundi duce tw'ahantu (uruhererekane rwo kugeza ibintu ku bakiriya) zagabanyije ingaruka ku duce dukize ku rusobe rw'ibinyabuzima;

(e) ibikorwa by'umushinga muto ntibizazana amoko atari gakondo y'ibiti n'inyamaswa z'agasozi (bitagambiriwe cyangwa bigambiriwe);

(f) imishinga mito izavanaho inzira z'ikwirakwiza ry'amoko y'ibyonnyi (urugero mu guhanga ibirongozi, kwinjiza mu gihugu ibintu, ubukerarugendo cyangwa movement of boots);

(g) ibikorwa by'umushinga muto bizirinda guteza ingaruka mbi ku mitembere y'amazi cyangwa impuzandengo y'imishokere y'amazi mu kuyakuramo, kuyayobya cyangwa gufata amazi yo hejuru cyangwa munsi y'ubutaka (urugero: hakoreshejwe ingomero, ibidendezi, ibigega, kuzamura amazi y'ikuzimu) cyangwa mu bindi bikorwa bigira ingaruka uruziga

rw'ikorwa ry'amazi, guhindura impuzandengo y'ishoka ry'amazi no/cyangwa kugabanya iboneka rijyanye n'ibihe ry'amasoko y'amazi;

(h) ibikorwa by'umushinga muto bizirinda kwanduza ubuiranenge bw'amazi yo ku butaka cyangwa yo munsi y'ubutaka biyashyiramo imyanda, kuyongerera umunyu, kuhira, kuyayobora mu bihingwa, ibikorwa byo kuzamura amazi cyangwa ibikorwa by'amatungo cyangwa ibindi bikorwa;

(i) umushinga muto wirinda ikoreshwa ry'imiti yica udukoko, iyica imiyege, iyica ibimera n'ubwo haba ari igihe rusange cyo kurwanya ibyonnyi no gutubura ingemwe;

(j) umushinga muto wirinda gufata cyangwa gukoresha ibintu byahinduriwe utunyangingo/ibinyabuzima byahinduriwe utunyangingo;

(k) umushinga muto wirinda ikoreshwa ritarambye ry'ibikoresho bihererekanywa biturtse mu miturire gakondo

(l) umushinga muto ukoresha ibikoresho bihererekanywa biturutse ku miturire gakondo bigira ingamba ziriho zo kugera ku mutungo iringana kuri bose n'isaranganya ry'inyungu zishingiye ku ikoresha ry'ibyo bikoresho;

(m) umushinga muto ugabanya ubwiyongere bw'ubwimukira bw'abaza n'ubw'abaturage, bishobora kwangiza ishingiro ry'umutungo kamere usanzweho;

(n) umushinga muto wirinda gukora urusaku n'imivumba ituruka ku matsinda y'ubwubatsi no kuvugurura, ibikorwa by'ingendo n'imirimo ishobora kubangamira iyakiramajwi ryoroshye ry'inyamaswa z'agasozi?

- **OYA (ku cyo ari cyo cyose mu biri hejuru)**
- **BIGOMBA KUGENWA (TBD)**
- **YEGO (ku biri hejuru byose)**

Niba ari OYA cyangwa BIGOMBA KUGENWA, nyabuna rondora hano intambwe zizakurikizwa mu kwirinda cyangwa koroshya ingaruka ku rusobe rw'ibinyabuzima no kubungabunga ikoreshwa ry'ibikoreshwa biramba kandi wongere ingaruka zose zishoboka ku mbonerahamwe y'isuzuma ry'ibanze n'isuzuma ry'ingaruka mu gice cya 10.1

10.7. ESS7 Abasangwabutaka

Itegeko Nshinga ry'u Rwanda rya nyuma ya Jenoside yakorewe Abatutsi ribuzanya uburyo bwose bw'ivangura bushingiye ku bwoko kandi bukabuza kwita itsinda iryo ari ryo ryose "Abasangwabutaka" bisobanura kugenera itsinda uburenganzira budasanzwe. ESS 7 na gahunda y'umutungo mu by'umuco (IP) y'ikigega cy kurinda ibidukikije no kurwanya ihumana ry'ikirere (GCF) byemera ububi by'amagambo amwe n'amwe bikanita ku isuzuma ry'ishingiro

ry'imibereho n'umuco nk'intambwe ya ngombwa y'umushinga. Intego yo gukora ibyo ni ukuba byizewe ko ingamba zo kurwanya ingaruka zitagizwemo ubushake zishyirwaho no kwemeza ko guha amatsinda avugwa inyungu z'umuco zikwiye. Byombi, GCF (igika cya 26) na AE (igice cya 6.2) bifite inshingano zigengwa na Gahunda yerekeye Abasangwabutaka n'amabwiriza yo kuyishyira mu bikorwa.

Gahunda ya GCF y'abasangwabutaka itanga uburenganzira bwo gukoresha andi magambo kandi ibyo isaba bikoreshwa ahantu hose ibintu bikurikira bishobora kuboneka mu itsinda ry'imibereho y'abantu n'imico ritandukanye n'andi: kwiyakira nk'itsinda ritandukanye; gukorera hamwemu kwishingikiriza ku bidukikije (harimo kubikoresha umurimougendeye ku bihe); uburyo bw'umuco budasa cyngwa butandukanye n'ubw'umuryango nyamwinshi; ururimi rutandukanye cyangwa imvugo y'agace. Hitawe kuri gahunda ya GCF mu bijyanye n'abasangwabutaka na ESS 7, isuzuma rya mbere ry'imibereho n'umuco ryakorewe ku bakene batagira ubutaka bahagarariye ibyiciro C, D na E no ku bashigajwe inyuma n'amateka bo muri CND harebwa ibibaranga bishobora kubumbira aya matsinda mu gisobanuro mpuzamahanga cyemewe cyane cy'Abantu b'Abasangwabutaka. Kubera ko itegeko rya nyuma ya Jenoside yakorewe Abatutsi ribuza gukusanya no gutangaza amakuru yerekeye ku nkomoko ishingiye ku bwoko, amakuru yizewe ntaboneka. Icyakora, mu mike ishize, amwe mu moko ya ba nyamuke yemewe nk'ay'abantu bashigajwe inyuma n'amateka (HMPO) kandi bari bazwi nk'Abatwa mu bihe byashize.

Muri CND, igisigara cy'ishyamba cya Gishwati cyatunze amoko abiri y'abasangwabutaka kugeza muri za 1980: aborozi b'Abagogwe n'abahigi basoroma imbuto b'Abatwa. Umushinga w'ubworozi n'ubuhinzi buvanga ibiti n'imyaka muri Gishwati-Kigali-Butare wa Banki y'Isi mu ntangiriro ya za 80 watangije itema ku bwinshi ry'ibiti no guhindura inzuri mo ahaterwa ibiti, bituma aya matsinda ahungira mu duce duto cyane twari dusigaye. Ubu buryo bwihutishijwe n'abategetsi ba Guverinoma ba kera nyuma y'uko Banki y'isi ihagarikiye umushinga kubera inengwa rikomeye[113]. Abagogwe bari muri ba mbere bibasiwe na Jenoside yakorewe Abatutsi mu Rwanda[114]. Amatsinda yashigajwe inyuma n'amateka yasigaye (abahoze ari Abatwa, na none bitwa Twa cyangwa Impunyu zo muri Afurika yo hagati) uyu munsi baba mu miturire iri hanze cyane y'ishyamba hamwe n'andi matsinda. Mu Rwanda, uyu munsi Abatwa barabarirwa hagati 25 000 na 30 000 cyangwa 1% ry'abaturage bose, kandi bafite amashyirahamwe adatunganyijwe neza hamwe n'ubahagarariye umwe gusa muri Guverinoma[115]. Kuba kwivuga amatsinda y'ubwoko bibujijwe, abenshi mu Batwa bari mu matsinda afatwa nk' "imiryango migari yashigajwe inyuma n'amateka". Kubera amateka y'itsinda ryabo n'uy'u Rwanda nk'igihugu, iyi miryango migari ni imwe mu yindi ikennye cyane kuko mbere bakoreshaga umutungo w'ishyamba n'ububumbyi, kandi buhoro buhoro bagiye bigizwa kure y'ibi bintu uko ingamba zo kubungabunga amashyamba cyimeza asigaye kuri CND zagendaga zihinduka, biva ku kurinda amashyamba biba kuyagira Pariki z'Igihugu. Uyu munsi amatsinda yashigajwe inyuma n'amateka asa n'ayenda kuba atitaweho bikabije mu muryango mugari nyamwinshi no mu bukungu bushingiye ku mafaranga

113 Bankrolling Disasters. 1986. Sierra Club; Weber & Vedder. 2001. In the Kingdom of Gorillas.

114 Des Forges, A. 1999. Leave none to Tell the Story

115 International Work Group on Indigenous Affairs. Accessed at https://www.iwgia.org/en/rwanda/3592-iw-2020-rwanda.html (last visited 29 October 2022)

kandi afite amahirwe make n'ubushobozi bwo kubaza iby'uduce tw'ubutaka gakondo bitabaye ngombwa ko bamenyekana bisesuye nk'amatsinda yihariye. Hari gahunda ziriho za Guverinoma mu karere zo kwinjiza abashigajwe inyuma n'amateka mu miryango migari y'aho bari kuko nta shyamba na rimwe risigaye nta n'ubutaka bujyanye n'imibereho ya gakondo, kandi ingamba nyamukuru za Guverinoma zigamije kwita ku bantu bashigajwe inyuma n'amateka mu kubaka uburyo bw'imibereho burambye kurushaho, n'ubwo amateka yabo aruhije. Ubwo rero, uyu mushinga ugamije bidasubirwaho ubudaheranwa bw'imiryango migari y'iminyantege nke nk'abagore, urubyiruko, abatagira ubutaka n'ibyiciro C, D na E, harimo abantu bashigajwe inyuma n'amateka.

Hashingiwe ku isuzuma ry'igice ry'ahantu hagamijwe n'umushinga n'iry'amatsinda 24 y'ibiganiro, 4 akaba agizwe n'abashigajwe inyuma n'amateka bonjyine, muri ayo matsinda abahagarariye abandi batoranyijwe n'imiryango itagengwa na Leta ikorera mu baturage ishaka kuzamura ubuzima bw'amatsinda yashigajwe inyuma n'amateka, nta gihamya na kimwe cy'amatsinda twabonye muri aka karere abaho nk'itsinda ritandukanye n'andi cyangwa rikoresha intera ndende cyangwa uburyo gakondo butandukanye n'ubw'umuryango nyamwinshi. Isuzuma ntiryabashije kwanzura niba aya matsinda yibona ubwayo nk'amatsinda mato ari mu miryango migari y'aho iba. Agace umushinga ukoreramo karimo ubutaka/imitungo rusange (harimo uburyo bugendanye n'ibihe) bukoreshwa n'ibyiciro C, D na E n'abantu bashigajwe inyuma n'amateka. Tugendeye ku matsinda y'ibiganiro ahuza abantu batandukanye bo mu miryango migari, harimo amatsinda y'abashigajwe inyuma n'amateka, igendera ku bihe ry'uburenganzira bwo kugera ku mitungo rifite ingaruka ku bantu bose baba mu gace ka CND, atari ku bari mu byiciro bya C, D na E gusa, ahubwo no ku baturage bashigajwe inyuma n'amateka.

N'ubwo hari gahunda n'ingamba za Guverinoma n'izindinzego cyangwa imishinga, ubudahangarwa ku ihindagurika ry'ikirere mu mushinga wa CND, hariho inzitizi zishoboka mu kwinjiza ibyiciro C, D na D/abanyantege nke na/cyangwa abashigajwe inyuma n'amateka mu mushinga bagaragara nk'uko bikurikira: (1) Amakuru adakwiye yacagaguwe (2) Ubushobozi n'ibikoresho bidahagije byo gusuzuma ibibahuza[116] (3) uburenganzira buke bwo gufata ibyemezo (by'umwihariko ku bagore) (4) Ubusumbane mu mibereho butewe n'ubukene bukaze bw'igihe kirekire bw'abashigajwe inyuma n'amateka (5) Kutagira guteza imbere no kurinda uburenganzira bw'abashigajwe inyuma n'amateka, harimo umutungo w'ubutaka. Bityo, isuzuma ry'inyongera rigomba kuzemeza ko ibikorwa by'umushinga, harimo impinduka izo ari zo zose mu gushyira ubutaka mu byiciro, bitazatera ingaruka zisumbana ku matsinda y'abashigajwe inyuma n'amateka n'uburenganzira bwabo bwo kubona umutungo.

Uko umushinga ugenda ushaka kuzamura ubuzima bw'amatsinda y'abashigajwe inyuma n'amateka, cyane cyane abagore n'urubyiruko, ingorane zisa n'izigabanutse. Ingamba zizashyirwaho mu gihe umushinga, harimo gushaka umukozi w'inzobere mu kubungabunga ibidukikije n'imibereho y'abaturage (ESS) n'inzobere mu kuzanamo abaturage kugira ngo hagabanywe ingorane hamwe no kubizanamo abafatanyabikorwa, ku bw'ubwumvikane, bwa mbere kandi busobanutse n'ishyirwa mu bikorwa rya gahunda yo gukemura impaka ku rwego

[116] the interconnected nature of social categorizations such as race, class, and gender as they apply to a given individual or group, regarded as creating overlapping and interdependent systems of discrimination or disadvantage.

rw'umushinga. Gahunda yo gukemura impaka ku rwego rw'umushinga izahuzwa n'uburyo bw'umuco gakondo bukwiye, nk'uko bwagenwe n'inzobere ya ESS n'inzobere mu gushyiramo abaturage zikorana n'imiryango migari mu gushyiraho imiyoboro ikwiye kandi yoroshye kugerwaho. Igice cya 5 cy'iyi nyandiko kirarambura ibitangwa n'amatsinda y'ibiganiro hamwe n'amatsinda yashigajwe inyuma n'amateka kandi irambure zimwe mu mpungenge zagaragajwe mu gihe cy'iki gikorwa.

Bitewe n'uko ahantu hihariye hamwe na CND hazatoranyirizwa ibikorwa by'umushinga mu gihe cy'ishyirwa mu bikorwa ry'umushinga, buri shami-mushinga rizakorerwa isuzuma ryimbitse kurushaho ry'ingaruka ku baturage bashigajwe inyuma n'amateka, hamwe n'ubushishozi bwihariye ku gisobanuro cya ba kavukire muri GCF, mu gihe cy'ishyirwa mu bikorwa ry'umushinga. ESS n'inzobere mu gushyiramo abaturage bafatanyije n'Akarere, Umurenge n'imiryango itagengwa na Leta ikorera muri ako gace bazaba bashinzwe gukora isuzuma ryimbitse, harimo amatsinda y'ibiganiro y'inyongera n'izindi ngamba zidaheza mu buryo budaheza, no kwandika gahunda z'imicungire y'umurimo mu duce aya matsinda abamo na/cyangwa abasha kugera ku mitungo nk'uko abikeneye.

10.7.1. ESS 7: Gusuzuma ibibazo abashigajwe inyuma n'amateka bahurana na byo

Imbonerahamwe 10.7.1. ESS 7: Isuzuma ryo kubaho kw'ingorane ku bantu bashigajwe inyuma n'amateka
EA/EE n'abayobozi b'ishami ry'umushinga bakwiye bafite gahunda za ngombwa, ingamba, uburyo n'ubushobozi bwo kuba byizewe ko:
(a) Ibikorwa by'ishami ry'umushinga ntibigendera ku butaka cyangwa uturere abashigajwe inyuma n'amateka bavuga ko ari utwabo cyangwa abandi bantu gakondo bifata nk'amatsinda atandukanye n'andi;[35] (b) Ese ibikorwa by'ishami ry'umushinga nta ngaruka bizana ku burenganzira n'uburyo bw'imibereho bw'abashigajwe inyuma n'amateka biyumva nk'amatsinda atandukanye n'andi?
• **OYA kuri buei cyose mu biri hejuru)** • **BIGOMBA KUGENWA (TBD)** • **YEGO (ku biri hano hejuru byose)**
Niba ari OYA, gahunda ku bashigajwe inyuma n'amateka izakenera kuzuzwa reba 10.7.2. munsi kandi usobanure muri make itsinda ry'imibereho/umuco rizagirwaho ingaruka, ubwoko bw'ingaruka, unongere ingaruka zose zishoboka ku mbonerahamwe y'isuzuma n;ingaruka mu gice cya 10.1.

10.7.2. Gahunda yo kwita ku bashigajwe inyuma n'amateka

Inzobere za ESS n'inzobere mu gushyiramo abaturage bazaba bafite inshingano zo gutegura *Gahunda yo kwita ku bashigajwe inyuma n'amateka*, bazirikana ko iyi gahunda ari izina ritandukanye bitewe n'inzitizi z'Itegeko Nshinga ku kwemera amatsinda ya ba kavukire. Gahunda zigomba, nibura, guhina amakuru akurikira hamwe n'urwego rw'amakuru aringaniza aho bibera n'igipimo cy'umushinga muto:

1. Izina ry'amatsinda avugwa n'uduce tw'ahantu aherereye, harimo ikoreshwa ry'imitungo n'amasano yayo n'uduce tugerwaho n'ibikorwa by'umushinga
2. Gusobanura ibintu by'ingenzi biranga amatsinda yagaragajwe mu rwego rwa gahunda ya GCF harimo ukuntu Guverinoma y'igihugu cyakiriye gifatira urugero kuri aya matsinda.
3. Gusobanura niba imiryango migari yarabaga mu buryo bwa gakondo ahantu umushinga ukorera cyangwa niba hariho amatsinda cyangwa ingo zimutse zihunga uduce twazo gakondo zigana ahoumushinga ukorera kugira ngo zisange mu mu cyangwa hafi y'agace karinzwe ku mpamvu z'ubukungu.
4. Kugaragaza niba hari ingorane ziriho z'uko umushinga watera ibibazo uburyo bwabo bwo kugira imibereho kubera kwimurwa cyangwa kwimura ibikorwa by'ubukungu. Kurambura izo ngorane izo ari zo ndetse ko n'ingaruka zishoboka hamwe n'amahirwe. Niba aho umushinga muto uri ari hafi cyangwa uri mu gace karinzwe, kora itandukanira hagati y'imiryango migari ifite uduce two gukoresherezaho imitungo gakondo yayo duhura n'uduce turinzwe (PA), na mbere y'ihangwa ryatwo, guhera kuri twa tundi tuhafite amateka no kuhaba bya vuba.
5. Kugaragaza niba hari ingorane z'uko umushinga watera ibibazo ku burenganzira cyangwa ku buryo bw'imibereho bw'amatsinda ukoresheje cyangwa uteza imbere ubucuruzi bw'imitungo kamere ku butaka n'uduce avuga ko ari utwayo, agira ingaruka ku buryo gakondo bwayo bw'imibereho, ukwigira kwayo, ibiyiranga, indangagaciro n'ibikorwa byayo cyangwa ibishyirwa imbere mu iterambere.
6. Kugaragaza ahari ingorane zo gutera ibibazo umutungo mu by'umuco w'ayo matsinda hakoreshejwe cyangwa hagirwa uruhare mu icuruzwa ry'ubumenyi gakondo bwayo (harimo ibijyanye n'ibidukikije) cyangwa ibikorwa.
7. Kugaragaza niba rimwe mu matsinda riba mu bwigunge ku bushake kandiko niba ari uko bimeze, uko umushinga uzubahiriza uburenganzira bwayo (mu kwitondera amategekoy'igihugu muri ibyo bikorwa) no kwirinda ingaruka mbi izo ari zo zose.
8. Gusobanura niba n'uko abahagarariye amatsinda bemewe n'amategeko baragishijwe inama kugira ngo baganire ku mushinga banumve neza ingaruka zawo kuri bo.
9. Kurondora inzira yatangijwe cyangwa izatangizwa cyangwa izashyirwa mu bikorwa kugira ngo haboneke ubwumvikane bwigenga, bubanza kandi busobanutse (FPIC) ku bikorwa bishobora kubagiraho ingaruka.

10. Kurondora uko umushinga muto uzasuzuma amahirwe yo gutanga inyungu kuri ayo matsinda n'uko ibi byitabwabo bikwiranye n'umuco ndetse n'ibyerekeye uburinganire bw'ibitsina.

11. Gutanga ibisubizo bisobanutse by'amasuzuma, bya FPIC n'ibyo gushyiramo abaturage gutaha guteganyijwe kuzaba mu rwego rw'ishyirwa mu bikorwa ry'ibikorwa by'umushinga muto.

12. Kwerekana uko urwego rwo gukemura amakimbirane ruzagukira kuri iri tsinda no kwita ku buryo gakondo ubwo ari bwo bwose bwo gukemura amakimbirane bushobora kuba burimo bukoreshwa.

13. Gusobanura uko abakozi bazagunzura, bagasuzuma bakanita ku iterambere rijyanye n'ishyirwa mu bikorwa ridaheza ry'imishinga mito.

14. Kurondora ibiguzi, ingengabihe, indangagihe n'inshingano z'imitunganyirize za ngombwa ku ishyirwa mu bikorwa rihamye ry'ibikorwa by'umushinga muto ku buryo bwubahiriza intambwe zirondoye muri iyi gahunda.

10.8. ESS 8. Umutungo mu by'umuco

Mbere y'ishyirwa mu bikorwa ry'umushinga, AE/EE ni we ushinzwe amahitamo y'ahantu no gutegura umushinga kugira ngo hirindwe ingorane z'ingenzi ku mutungo mu by'umuco. Ibi bishobora kubaho mu bufatanya bwa hafi n'imiryango migari y'aho hantu ari yo bagenerwabikorwa b'ibikorwa by'umushinga. Amasuzuma y'ibidukikije n'ay'imibereho y'abaturage ku rwego rw'igikorwa agomba gufasha kugena niba aho gukorera umushinga yifujwe ari mu duce umutungo mu by'umuco ushobora kuvumburwa, haba mu gihe cy'ubwubatsi cyangwa cy'ibikorwa.

Iyo bimeze bitya, bigendanye ESS 8, AE/EE azategura uburyo bwo gucunga ivumbura ritunguranye hakoreshejwe uburyo bw'ivumbura ritunguranye rizakoreshwa mu gihe cy'ivumbura ribanza ry'umutungo mu by'umuco. AE/EE na ba Rwiyemezamirimo bose bazakora ku buryo batica amahirwe y'ivumbura kugeza ubo isuzuma rizakorwa n'abanyamwuga babizobereyemo riba. Bibaye ngombwa, aba baba barimo inzobere, harimo inzego bwa Guverinoma zibishinzwe n'imiryango yigenga iharanira uburenganzira bw'abaturage (sosiyete sivire), hamwe n'abafite ubuhanga gakondo n'abandi bantu bomu karere bashobora kugishwa inama niba amahirwe yo kumena amabanga y'amakuru byaba ari byiza, kuko hari igihe kumena amakuru bishobora kubangamira umutekano cyangwa ubusugire bw'umutungo mu by'umuco na/cyangwa gushyira mu kaga isoko y'amakuru.

Mu gihe cy'isuzuma rya mbere ry'ahantu hashoboka, nta gace karimo umutungo mu by'umuco k'ingenzi kabonetse. Ibikorwa biteganyijwe byo gutera amashyamba n'uyu mushinga bizakorerwa ku bucurame bukabije mu duce tw'imisozi. Utwinshi muri utwo duce dushobora cyangwa guturwa cyangwa kudaturwa. Ntiduteganya ibibazo bifitanye isano n'ahantu hari umutungo mu by'umuco bibangamye. Buri gihe birashoboka kubona ahantu hari umutungo mu by'umuco mu gihe cy'ishyirwa mu bikorwa ry'umushinga. Turarambura hano uburyo bw'ivumbura ritunguranye ryo zishyirwaho mu gukemura ibihe nk'ibi:

Bitewe n'uko ahantu hihariye ho gushyira ibikorwa by'umushinga hagomba kugenwa mu ishyirwa mu bikorwa ry'umushinga, buri mushinga muto uzakora isuzuma (Imbonerahamwe ya 10.8.1) hanyuma imishinga mito yose irebe uburyo bw'ivumbura ritunguranye (Igice cya 10.8.1)

Imbonerahamwe 10.8.1. ESS 8: Isuzuma ry'umutungo mu by'umuco
EA/EE n'abayobozi b'ishami ry'umushinga bakwiye bafite gahunda za ngombwa, ingamba, uburyo n'ubushobozi bwo kuba byizewe ko:
(c) umushinga muto ntuherereye mu cyangwa hafi y'ikintu hateguwe ku mugaragaro cyangwa hagenwe nk'ahantu h'umutungo mu by'umuco (urugero: ahantu ha UNESCO h'umutungo w'isi mu by'umuco cyangwa ahantu h'umurage uvanze, cyangwa imisozi ndangamateka) cyangwa ahantu hagenwe ku rwego rw'igihugu mu kurinda umurage mu by'umuco; (d) ahantu umushinga muto uri ntiharimo umutungo ukomeye mu by'umuco nk'amarimbi, inyubako cyangwa ibibumbano bifite akamaro k'ibisigazwa ndangamateka, ibyerekeye amateka, ubuhanzi, amadini, imyemerere cyangwa ibirango; (e) aho umushinga uri hirinda ikintu cyose cyangwa umutungo kamere ufite igisobanuro cy'umuco, imyemerere cyangwa ibimenyetso (nk'ahantu hasanzwe hatagatifu, uduce tw'imihango cyangwa amoko matagatifu); (f) umushinga muto ntirizashyiraho imipaka ku kugera ku mitungo mu by'umuco cyangwa ibintu/ahantu hasanzwe hafite igisobanura cy'umuco, imyemerere cyangwa ikimenyetso; (g) umushinga uzirinda kugira ingaruka riteza imitungo mu by'umuco itagaragarrira amaso nk'agaciro, amahame cyangwa imigenzo y'imiryango migari y'ahantu; (h) umushinga muto ntuzaha agaciro ikoreshwa cyangwa iterambere ry'inyungu mu by'ubukungu rikomoka ku mitungo mu by'umuco cyangwa ibintu/ahantu hasanzwe by'ingenzi mu by'umuco imiryango migari ifiteho uburenganzira bwemewe (busobanurwa n'amategeko cyangwa n'umuco?
• **OYA kuri buei cyose mu biri hejuru)** • **BIGOMBA KUGENWA (TBD)** • **YEGO (ku biri hano hejuru byose)**
Niba ari OYA, gerageza usobanure birambuye hano uburyo buzakoreshwa mu kwirinda cyangwa koroshya ingaruka ku murage w'umuco kandi wongere ingaruka zose zishoboka ku mbonerahamwe y'isuzuma n'iy'isuzuma ry'ingaruka mu gice cya 10.1.

10.8.1. Chance Find Procedure

Uburyo bw'ivumbura ritunguranye ni uburyo bwihariye bw'umushinga bugomba gukurikiranwa iyo umutungo mu by'umuco utari usanzwe uzwi uvumbuwe mu gihe cy'ibikorwa by'umushinga. Uburyo bw'ivumbura ritunguranye busobanura uburyo amavumbura atunguranye ashingiye ku mushinga azacungwa. Uburyo burimo inshingano zo kumenyesha inzego z'ubuyobozi zibishinzwe ibintu cyangwa ahantu bikozwe n'inzobere mu mutungo mu by'umuco; kuzitira agace kavumbuwemo cyangwa ahantu hirindwa kubangama gushya; gutangira gusuzuma ibintu cyangwa ahantu hatahuwe n'inzobere z'umutungo mu by'umuco; kugaragaza no gushyira mu bikorwa ibikorwa hagendewe ku mabwiriza ya Banki y'Isi ESS 8 no ku mategeko y'igihugu; no guhugura abakoi b'umushinga ku buryo bw'ivumbura ritunguranye.

Uburyo bw'ivumbura ritunguranye bugamije:

- Kurinda imitungo ifatika y'umuco ibyayibaho bibi bitewe n'ibikorwa by'ishoramari mu bifatika no gutera inkunga ibungabungwa ryayo;
- Kuzamura isaranganya riringaniza ry'inyungu ziturutse ku mikoreshereze y'umutungo ufatika mu by'umuco; no
- Gukora ubukangurambaga ku bakozi bose no ku buyobozi buriho ku byago bishoboka biterwa n'ivumbura ry'impanuka ry'umutungo mu by'umuco.

Ubu buryo bw'ivumbura ritunguranye bugamije rero guha AE/EE igisubizo gikwiye bigendanye n'amategeko y'igihugu n'amahame meza mpuzamahanga. Bityo rero, amasezerano yose y'akazi k'ubwubatsi bw'ibikorwa remezo rusange azaba arimo ubu buryo bw'impanuka.

Kugira ngo uburyo bw'ivimbura butunguranye bube bufite ireme, imigenzurire y'ahantu igomba kwemeza ko abakozi bose bo ku ishantiye y'iterambere iyo ari yo yose iteganyijwe bagizwe n'uburyo bw'ivumbura ritunguranye n'akamaro ko kuyijyaho niba umutungo ku by'umuco wavumbuwe. By'akarusho, amahugurwa cyangwa guhabwa ubumenyi ku mutungo mu by'umuco ugomba kuboneka ahantu agomba guhamywa na AE/EE

Uburyo bw'ivumbura by'impanuka ry'umutungo ku by'umuco (ibyabonetse bitunguranye)

Ubu buryo bw'ivumbura ritunguranye burimo ibikorwa byo gukora niba, mu gihe cyo gukora akazi gafitanye isano n'umushinga wa GCF, amatsinda yavumbuye ahantu hari umutungo mu by'umuco. Intambwe zirimo ishoramari n'isuzuma rikozwe n'abanyamwuga mu bisigaratongo cyangwa abandi bantu babifitiye ubumenyi bashobora kubafasha mu bikorwa by'ubutabazi cyangwa byo kurohora umutungo mu by'umuco. Ibisabwa n'itegeko n° 28/2016 of 22/07/2016 rya Guverinoma y'u Rwanda (2016) ku kukubungabunga umutungo mu by'umuco n'ubumenyi bw'umuco gakondo. Kigali: Guverinoma y'u Rwanda byakurikijwe muri ubu buryo.

Niba umutungo mu by'umuco (urugero: ahantu hari ibisigaratongo, uduce tw'amateka, ibisigazwa, ibintu, amarimbi cyangwa imva z'abantu) yavumbuwe mu gihe cy'ibikorwa by'ubwubatsi bwo ku rwego rutoya, imirimo y'ubwubatsi bw'ibikorwa rusange na/cyangwa ivugurura, uburyo bukurikira bugomba gukurikizwa.

Ahantu hashakirwa umutungo w'ibisigaratongo n'ibiranga umuco:

Ikigo cy'Igihugu cy'Ingoro z'Umurage cy'u Rwanda (INMR) gishinzwe kumenya gusigasira ibi bintu.

1. Guhagarika ibikorwa by'ubwubatsi mu nkengero z'ahabera ivumbura ritunguranye mu kurwanya icyo ari cyo cyose (cyangwa cy'inyongera) cyaryangiza;
2. Gushyiraho imbibi no kuzitira site cyangwa agace no gutanga agace kadakorerwamo ka metero 25 kazengurutse impande zose z'ivumbura. Niba ari ibintu byo muri antikite (kera cyane bikabije) bitimukanwa cyangwa ibisigazwa byoroshye, abarinda umutekano bagomba kuba bahari kugeza ubwo inzego z'ubuyobozi zo muri ako gace n'ubuyobozi bwa INMR bafata mu biganza aka gace ka site.
3. Guhita umenyasha ivumbura abagenzuzi ba site cyangwa abashinzwe kugenzura ibidukikije (cyangwa abakora nka byo mu mushinga) na bo bagaha amakuru inzego z'ubuyobozi bw'aho hantu n'urwego rukuru rw'ibya kera cyane, mu gihe kitarenze amasaha 24;
4. Gufotora ibikoresho bihari, cyane cyane hamwe n'urwego (urugero: karaseri, igiceri, amategeko n'ibindi) kashe yandika amatariki, na GPR yereka ahantu no gusangiza amafoto inzego z'ubuyobozi bw'igihugu zibishinzwe;
5. Kubuza abakozi cyangwa abandi bantu ikuraho iryo ari ryo ryose ry'ibintu;
6. Kwandika ubwoko bw'ibisigaratongo bikekwa ko byavumbuwe, aho biherereye, (GPS) kandi niba bishoboka, ubujyakuzimu byavumbuwemo;
7. Gushyira site mu mutekano harindwa iyangirika iryo ari ryo ryose n'itakara ry'ibintu byimukanwa. Mu gihe ari ibisigazwa byimukanwa bya kera cyane cyangwa byoroshye, izamu rya nijoro rizashyirwaho kugeza igihe ubuyobozi bw'aho hantu cyangwa Serivise y'Umuco ry'Akarere/Intara, cyangwa Ikigo cyaho gishinzwe ibisigaratongo, niba gihari, bishobora kugira icyo gikorwa icyabyo;
8. Kumenyesha inzego z'ubuyobozi muri ako gace ku rwego rw'Akarere.
9. Ubuyobozi bwo muri ako gace bireba buzagenzura kurindwa no kubungabungwa kwa site mbere yo gufata icyemezo cy'uburyo bukwiye bwabaje. Ibi bikenera isuzuma ry'ibanze rw'ibyakozwe na INMR. Igisobanuro n'akamaro kabyo bigomba gusuzumwa hakurikijwe bimwe mu bisabwa bikwiranye n'umutungo mu by'umuco; bikaba birimo agaciro k'ubwiza, k'amateka, k'ubuhanga cyangwa ubushakashatsi, k'imibereho n'ak'ubukungu;
10. Ibyemezo ku buryo bwo gufata ibyavumbuwe bizafatwa n'inzego z'ubuyobozi zibishinzwe. Ibi bishobora kubamo impinduka mu iteganya rifatika ry'ishoramari (urugero: mu gihe cy'ivumbura ry'igisagazwa kitimurwa gifite agaciro k'umuco cyangwa k'ibisigaratongo), ibungabungwa, isanwa na/cyangwa irohora;
11. Ishyirwa mu bikorwa ry'icyemezo cy'ubuyobozi cyerekeye imicungire y'ibyatahuwe rizamenyeshwa Ubuyobozi Bukuru bwa Antikite;
12. Gahunda zo koroshya zishobora kubamo ihindura ry'igishushanyo/ibikenewe ku mushinga uteganyijwe, kurinda, kubungabunga, gusana na/cyangwa kubikaa ibintu;

13. Imirimo y'ubwubatsi kuri site ishobora kongera gusubukurwa, ariko gusa nyuma y'uko uruhushya rutanzwe n'ubuyobozi bw'aho hantu kandi bushinzwe kubungabunga umutungo mu by'umuco; na
14. Ushinzwe guteza imbere ishoramari ashinzwe gufatanya n'inzego z'ubuyobozi zirebwa z'aho hantu gucunga ibikorwa byose by'ubwubatsi no kwizera ko ingamba zihamye zo kubungabunga zafashwe, kandi ko ku bw'ibyo, amasite y'umutungomu by'umuco arinzwe.

II) Kugira ngo himurwe imva cyangwa ibintu by'idini:

Gahunda igizwe no:

1. Kungurana ibitekerezo n'imiryango migari n'ibigo bya Leta ku mwimura ibintu by'amadini.
2. Imiryango igomba guhabwa indishyi kubera ikiguzi cy'ibikoresho n'icy'imihango ijyanye no gutaburura imva no kwimurira ibisigazwa by'imibiri kuri site nshyashya.
3. Inginga za 14, 15, 16, 18, 19 z'itegeko N°11/2013 ryo ku wa 11/03/2013 rigena imiterere n'imikoreshereze y'amarimbi zigomba kubahirizwa mu gihe cyo kwimura imwe mu mva z'irimbi mbere y'uko ibikorwa by'ubwubatsi bitangira.
4. Kwimura ibintu n'inyubako zifitanye isano no gusenga ntibishobora kubaho, uhatabanje iyunguranabitekerezo n'ababishinzwe (abatambyi n'abayobozi b'ibya Roho).

Izi ntambwe zigomba kuvugwa nk'amahame ngenderwaho mu masezerano y'ubwubatsi, igihe ari ngombwa. Mu gihe cy'ubugenzuzi bw'umushinga, umugenzuzi wa shantiye agomba kugenzura aya mabwiriza ari hejuru.

10.9. Urwego rwo gukemura impaka

Umushinga usaba ishyirwaho ry'urwego rwo gukemura amakimbirane rushingiye ku migirire myiza mpuzamahanga kandi rutagira ahoruhuriye n'inzego z'ubucamanzwa za Leta. AE yashyizehouru rwego rwo gukemura impaka.

Impaka ni ikirego icyo ari cyo cyose, igitekerezo gitanzwe ku bikorwa, ikibazo, impungenge, icyifuzo ku buryo umushinga urimo ushyirwa mu bikorwa. Ibi bishobora gufata isura y'ibirego byihariye, ibyangijwe cyangwa ingorane zatejwe n'umushinga, impungenge zerekeye ku kugera ku ntambwe zo kwinjizwa mu bikorwa kw'abafatanyabikorwa b'umushinga cyangwa ku buryo ibitekerezo n'impungenge ku bikorwa by'umushinga mu gihe cy'ubwubatsi cyangwa ikoreshwa, cyangwa impanuka cyangwa ibyabaye byagaragaye byakemuwe. Impaka zishobora no gukemura ibibazo bikomeye kurushaho, cyane cyane, ariko atari ibi gusa, kwigana amafaranga, ihohoterwa rishingiye ku gitsina (harimo SEAH), cyangwa andi mahohoterwa cyangwa ibangama rishingiye ku burenganzira bwa muntu. Ibi birego bishobora kureba ishyirwa mu bikorwa ry'umushinga, abakozi bihariye b'umushinga cyangwa AE/EE mu buryo butaziguye. Hagendewe ku bunini n'urwego rw'umushinga uteganyijwe, inzego zikwiye zo gukemura impaka zirimo AE GRM ari rwo rwego rukuru rw'ubuhuza, hamwe na GRM iri mu kwaha kwa EE zikaba zigenga nta ho zihuruye n'inzego z'ubucamanza za Leta, zitanga uburyo bushingiye ku ku barokotse bwo gutanga ibisubizo bikomeye, korotanga uburenganzira bwo kugera kuri Gahunda za GCF zo gukemura impaka kandi, iyo ari ngombwa, kwitambika mu buryo buciye mu mucyo inzego

z'ubucamanza AE GRM/za Leta. Kubera uyu mushinga, EE izagira uburyo bwa GRM ku rwego rw'umushinga rwubakiye ku barokotse, rufunguye ku bakozi bose b'umushinga, ku bitabiriye no ku bagenerwabikorwa bazinjira muri ubu buryo bw'isangira ry'impaka mu buryo buri mu mucyo.

Abakozi bose b'umushinga, abitabiriye n'abagenerwabikorwa bazamenyeshwa iby'urwego rwo gukemura impaka biciye mu matangazo rusange mu rurimi rw'aho hantu, biciye mu buryo bwagaragye nk'ubukwiye binyuze mu iyunguranabitekerezo n'abafatanyabikorwa mu itangazwa rifatika kurushaho ry'amakuru.

Urwego rukemura impaka ku rwego rw'umushinga AE rurasobanuye hano munsi:

10.9.1. Urwego rwo gukemura impaka ku rwego rw'umushinga

Intangiriro

Umushinga ugamije:

- Guha imbaraga amahame yo kutihanganira na gato (tolérance zero) ruswa, yo gukorera mu mucyo, y'uruhare rw'abaturage no kwigira mu butabera bw'imibereho yabo;
- Gutunganya ibikorwa byose mu buryo bungana, bwiza kandi butabogamye;
- Gukora ku buryo abagize umuryango mugari bose bamenyeshwa ibikorwa byo mu rwego rw'umushinga n'amahirwe y'icumbi, y'amahugurwa n'ay'akazi mu ko kubungabunga ibidukikije ("green" jobs);
- Gukora ku buryo amahirwe yose y'ishoramari mu bigo by'ubucuruzi bitumura imyuka mike ihumanya ikirere byamamazwa cyane kandi ko abashoramari bose bafite amahirwe angana yo gutanga ibyifuzo nama, ku kubisuzuma neza no kwakira ibitekerezo mu buryo bwihuse;
- Gukora ku buryo amatsinda y'umuryango mugari afite ingorane zo kwitabira ibikorwa by'ubukungu yungukira ku burenganzira bwo kugera mu mutungo bungana (abagore n'urubyiruko);

Ni ngombwa ko imiryango migari yagizweho ingaruka n'umushinga cyangwa ifite ububasha bwo kwitabira umushinga yumva neza intego zawo, uko uzashyirwa mu bikorwa n'umuntu ushobora kuwitabira. Iyo mu ishyirwa mu bikorwa ryawo, hari ibibazo byagaragaye by'ukarengane, by'amakosa cyangwa by'iyubahirizwa ribi ry'ingamba umushinga wagombaga gushyirirwamo mu bikorwa, ni ngombwa ko buri wese wagizweho ingaruka ahabwa amahirwe yo kuzamura ikibazo cye no kumvwa, gukorwaho ipererezа hanyuma byagaragara ko ari ukuri, hakabaho ikemura rikwiye.

Kugira ngi ibi bigerweho, umushinga wakoze ishusho y'ukuntu ibibazo byajya bizamurwa/bitangwa, mbere na mbere mu kanama ko gukemura impaka kazwi ku izina rya Komite yo guhuza ibikorwa by'Abaturage (CCC), hanyuma bikagezwa ku mushinga no kuri Minisiteri y'Ibidukikije mu ijurira cyangwa binyuze mu buryo bw'imicungire y'imanza (Baza MoE). Buri gihe, urega ashobora guhitamo gutanga ikirego ku Rwego rwo gukemura ibibazo rwigenga rw'Ikigega giharanira kubungabunga ibidukikije no kurwanya ihumana ry'ikirere. Ibirego byose bizakemurwa hakurikijwe uburyo bushingiye ku barokotse n'abanyabibazo bishingiye ku gitsina.

<u>Oruganigaramu z'uburenganzira n'inshingano</u>

Uburenganzira n'inshingano – Abaturage

Uburenganzira

- Abagize imiryango migari bose bafite uburenganzira bwo kugera ku makuru yerekeye umushinga, arimo:
    - Ishingiro ryo kugera ku macumbi yashyizweho mu rwego rw'umushinga
    - Ishingiro ryo kugera ku mirimo n'amahugurwa yo kugira ubunyamwuga mu rwego rw'umushinga
    - Ishingiro ryo kwandika asaba amahirwe y'ishoramari yaremwe mu rwego rw'umushinga
- Buri muntu afite uburenganzira bwo gufatwa mu cyubahiro ne kudakorerwa ivangura rishingiye ku gitsina, ku kigero, ku bwoko akomokamo, ku idini cyangwa ku bushobozi;
- Buri muntu afite uburenganzira bwo gukosoza amakuru atari yo amwerekeyeho cyangwa yerekeye urugo rwe ashobora kugira ingaruka ku burenganzira bwe bwo kugera ku mahirwe mu rrwego rw'umushinga, akabikora mu minsi 10 y'imibyizi nyuma yo gutanga ikirego ku Karere;
- Buri muntu afite uburenganzira bwo gutanga ikirego cyangwa kujuririra icyemezo gifitanye isano n'umushinga cyo gutanga ikirego;
- Buri muntu utanze ikirego afite uburenganzira bwo gusobanura bisesuye kandi mu buryo bw'iringaniza gahunda no kwakira ubufasha bw'Akagari cyangwa ibiro by'Umurenge;
- Nta muntu n'umwe watanze ikirego cyangwa ugeragez kugitanga ugomba gushyirwaho igitutu cyangwa akaga kubera iki cyemezo;
- Buri wese afite uburenganzira bwo kwakira igisubizo cyihuse kandi kiringaniza ku bujurire bwe cyangwa kibazo cye niba umushinga utubahiriza ibiri hano hejuru.

Inshingano

- Buri wese agomba gutanga amakuru y'ukuri kandi yuzuye igihe atanga ubusabe ku mahirwe y'umushinga;
- Abitabiriye bagatoranyirizwa amahugurwa bafite inshingano zo kwitabira byuzuye ibyiciro by'amahugurwa n'ubukangurambaga by'umushinga;
- Abagenerwabikorwa ku nyungu z'umushinga bafite inshingano zo gukoresha inyungu zabo mu buryo mu rugero no kugendera ku bisabwa n'inyungu;
- Buri muntu ashobora kumenyesha abagize CCC ihungabanya iryo ari ryo ryose ry'ubu burenganzira, ryaba ari we ubwe ribangaiye, ryaba ribangamiy abaturanyi;
- Buri wese agomba kwivuga mu gihe cyo gutanga ikibazo;

Uburenganzira n'inshingano – Abashobora kuba abashoramari

Uburenganzira

- Buri mushoramari afite uburenganzira bwo kubona amakuru ku mahirwe y'ishoramari binyuze mu bitangazamakuru bifite umwihariko ku mategeko n'amabwiriza ku itangwa ry'amasoko ya Leta;
- Buri mushoramari afite uburenganzira bwo gutanga inyandiko z'ipiganwa hakurikijwe amategeko n'amabwiriza y'ihamagaza ry'ipiganwa;
- Buri mushoramari afite uburenganzira bwo kumenya ibishingirwaho bizakoreshwa mu gusuzuma urwandiko rwe rw'ipiganwa;
- Buri mushoramari afite uburenganzira bwo kubona urwandiko rwe rusuzumwa mu buryo butabogamye hakurikijwe ibishingirwaho byatangajwe;
- Buri mushoramari afite uburenganzira bwo guhabwa igisubizo ku rwandiko rwe rw'ipiganwa mu gihe cyatangajwe mu gutanga isoko.

Inshingano

- Mu gutanga igisubizo ku mahirwe yatangajwe ku rwego rw'umushinga, buri mushoramari agomba gutanga amakuru yuzuye, yizewe kandi asobanutse nk'uko abisabwa;
- Buri mushoramari agomba kubaha ibihe ntarengwa byashyizweho byo gutanga ibisubizo ku mahirwe yatangajwe n'umushinga
- Buri mushoramari afite inshingano zo kumenyesha ubuyobozi ubumenyi ubwo ari bwo bwose ku iyicwa ry'amategeko n'amabwiriza rikozwe n'undi mushoramari wese cyangwa itsinda ry'abashoramari.

Iyi nyandiko y'uburenganzira n'inshingano izamanikwa ku karubanda mu biro by'ubuyobozi ku rwego rw'Imirenge n'Utugari ahantu hose umushinga ukorera.

Urwego rw'ubuyobozi bw'umushinga ruzatangaza kandi mu buryo bwagutse amakuru ku mushinga no ku rwego rukemura impaka imiryango migari binyuze ku rubuga rwa interineti rwawo n'izindi nzira z'ihererekanyamakuru.

Amakuru kuri gahunda y'abakozi n'ingamba zo gukemura impaka azatangwa mu buryo burambuye, asubirwemo mu nama zitandukanye kandi ashyirwe ku miyobora itandukanye mu kugerageza kuyageza ku bagize umuryango mugari benshi bashoboka, by'umwihariko abasigajwe inyuma kurusha abandi.

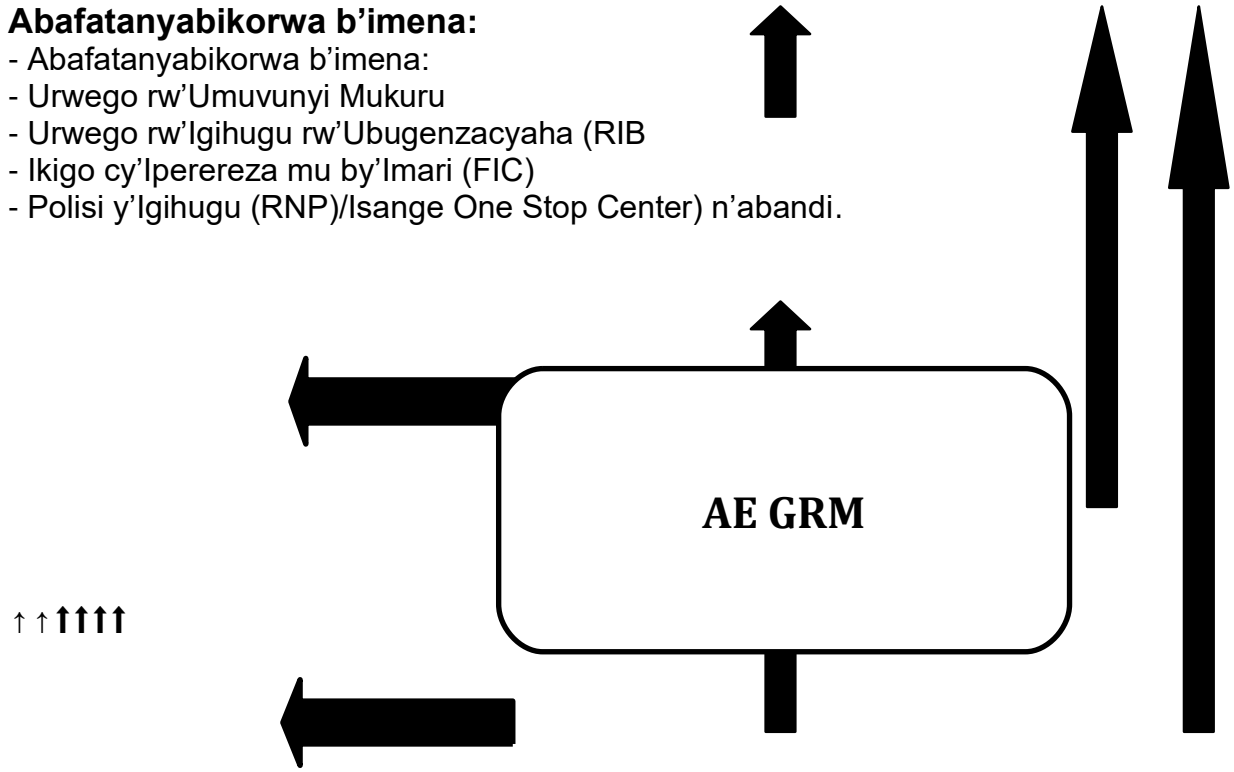
10.9.2. Inzira zo gukemura impaka

Iki gice gishyiraho imikorere y'uru rwego.

Inzego zishinzwe gukemura amakimbirane (Uko zubatse)

GCF IRM

Abafatanyabikorwa b'imena:
- Abafatanyabikorwa b'imena:
- Urwego rw'Umuvunyi Mukuru
- Urwego rw'Igihugu rw'Ubugenzacyaha (RIB
- Ikigo cy'Ipererereza mu by'Imari (FIC)
- Polisi y'Igihugu (RNP)/Isange One Stop Center) n'abandi.



↑ ↑ ↑ ↑ ↑

EE GRM

Komite z'Ubuhuzabikorwa z'Abaturage

Ishusho ya 10.9.2.1 Abafatanyabikorwa batanga ubufasha kuri AE GRM na EE ku rwego rw'ikigo/Umushinga GRM, mu byo zikora bitewe n'ubwoko bw'impaka. Urugero: Polisi y'Igihugu binyuze muri gahunda yayo ya Isange One Stop Center ishobora gutanga ubufasha mu gihe cy'ihohoterwa rishingiye ku gitsina mu gufasha abahohotewe kubona ubuvuzi bw'ibanze n'izindi serivise; mu gihe RIB ishobora gutanga ubufasha igenza ibyaha ku bindi bikorwa bibujijwe bishobora kubaho mi guhe cy'ishyirwa mu bikorwa ry'umushinga, n'ibindi. Umwanya uwo ari wo wose, ikirego gishobora gutangwa ku rwego rwigenga rwo rukemura impaka rwa GCF, yewe hanirengagijwe komite yo guhuza abaturage.

Urwego rufitiwe icyizere GRM

Urwego rufitiwe icyizere GRMrufite inshingano z'ingenzi zikurikira:

- Guhamya ubuhuzabikorwa n'imicungire y'amakimbirane n'impaka ku rwego rw'uwizewe;
- Kwakira no gukemura ibirego ku rwego rw'umushinga (Inzego EE)
- Gutegura iyandikwa ry'amadosiye y'ibirego/impaka agomba gusuzumwa n'inama ya komite nyobozi y'igihugu (NSC) no gutangariza abareze ibyavuye mu isuzumarya NSC.
- Ruhamya kubaka ubushobozi bw'abakozi bafite aho bahurira n'imicungire y'ibirego n'abagize CCC no gutanga ibikoresho n'ibindi bintu bya ngombwa;
- Gushyiraho umuyoboro usobanutse wo kuvugamo ibibazo no kuvuzamo intabaza n'ibindi bikoresho biyerekeho;
- Guhamya ishyirwa mu bikorwa n'iyubahirizwa rya za gahunda za GCF zikwiye na gahunda n'amategeko y'aho hantu;
- Gushaka ubufasha bw'abafatanyabikorwa bireba, iyo ari ngombwa, bigendanye n'ubwoko bw'impaka/ibirego, cyane cyane Urwego rw'Umuvunyi Mukuru, Urwego rw'Igihugu rw'Ubugenzacyaha (RIB), Ikigo cy'Ubutasi mu by'Imari (FIC), Polisi y'Igihugu (RNP)/Isange One Stop Center, n'abandi.
- Koroshya iyimurwa ry'ibirego kugira ngo bisuzumwe n'Urwego rwigenga rukemura impaka rwa GCF, bibaye ngombwa.

Urwego rwizewe rw'ubuyobozi GRM

Urwego rwizewe rw'ubuyobozi GRM rufite inshingano z'ingenzi zikurikira:

- Guhamya ko ubuhuzabikorwa n'imicungire y'ibirego n'impaka ku rwego rw'urwego rw'ubuyobozi/rw'umushinga;
- Gutanga uburyo bushingiye ku barokotse ari bwo ibirego bishobora kwakirirwamo no gukemurirwamo.
- Kwakira no gukemura ibirego bitakemuwe na Komite y'ubuhuzabikorwa y'abaturage (CCC);
- Gusuzuma no kwandika raporo za CCC ku birego no kubitanga ku rwego rubigenewe, ari na ko hemezwa uburyo bushingiye ku barokotse. Iyi raporo na none igizwe n'ibirego byakemuwe ku rwego rw'umushinga;

- Gushyiraho uburyo busobanutse bemeza imicungire ifatika yo gutangamo amakuri y'impuruza n'ay'ibibazo bishingiye ku ikoreshwa rishingiye ku gitsina, ku bitutsi no ku ihoza ku nkeke;
- Kwemeza iyubakwa ry'ubushobozi bw'abakozi bafite aho bahurira n'imicungire y'ibirego n'abagize CCC;
- Gushaka ubufasha bw'abafatanyabikorwa, aho bishoboka, bitewe n'ubwoko bwibirego/impaka, harimo Urwego rw'Umuvunyi Mukuru, Urwego rw'Igihugu rw'Ubugenzacyaha (RIB), Ikigo cy'Ubutasi mu by'Imari (FIC), Polisi y'Igihugu (RNP)/Isange One Stop Center n'abandi.
- Koroshya iyimurwa ry'ibirego kugira ngo bisuzumwee n'Urwego rwigenga rukemura impaka rwa GCF.

Komite z'Ubuhuzabikorwa z'Abaturage (CCCs)
Komite nyunguranabitekerezo z'abaturage (CCCs) zishinzwe kwemeza uruhare rw'abafatanyabikorwa mu ishyirwa mu bikorwa ry'umushinga no gutanga urubuga rwemerera abayobozi b'Umurenge n'ab'imiryango migari kuganira n'abahinzi n'abandi bagize umuryango mugari kuri buri site no gukemura ibibazo by'amakuru atari yo, ikumirwa ku mahirwe y'umushinga, ivangurwa n'itumanaho ridakwiye.

Mu buryo buhagije, za CCC ntiziheza kandi zihagarariye ibyiciro byose by'abantu ku rwego rw'aho batuye. Aba barimo abahagarariye inzego z'ibanze z'ubuyobozi, za CSO, imiryango itegamiye kuri Leta (NGO), amatsinda y'amadini, Amahuriro y'abagore, ay'urubyiruko, abantu bafite ubumuga/amatsinda y'abashigajwe inyuma n'abandi.

a) Imitunganyirizwe n'abagize za CCC

Komite izashyirwa kuri buri Murenge cyangwa ahandi hantu hagenwe, bitewe n'ubwoko bw'umushinga, aho urimo ushyirirwa mu bikorwa. Izaba igizwe n'abantu bakurikira bahagarariye ibyiciro by'abantu bavuzwe hejuru.
CCC izaba iyobowe na perezida, visi-perezida n'umunyamabanga

b) Inshingano zose za CCC

By'umwihariko, abagize Komite z'ubuhuzabikorwa z'abaturage (CCC) bafite cyane cyane inshingano zikurikira:

- Koroshya ihuza ry'ibikorwa by'amakuru ku bikorwa (nk'inyandiko z'ubushakashatsi n'amagenzura) ku mpamvu z'ikurikiranabikorwa hagendewe ku ngamba zashyizweho n'UMUSHINGA;
- Gufasha mu bukangurambaga bw'imiryango migari ku bikorwa by'umushinga mbere y'ishyirwa mu bikorwa rifatika kugira ngo hemezwe ubudaheza n'ubwitabire bikomeye by'ibyiciro by'abantu;
- Gutanga imenyesha rusange n'uburenganzira busesuye bwo kugera ku buryo bwa GRM bw'umushinga no ku buryo butandukanye bwo gutanga ikirego.

- Gutanga ubufasha mu ikurikiranabikorwa ry'ishyirwa mu bikorwa ry'umushinga no guha itsinda ry'umushinga ku bibazo bikuru byo gukemura;
- Gutanga ubufasha bwubakiye ku barokotse kandi buhuye n'uburinganire bw'ibitsina ku birego byose bya VBG.
- Gutanga ubufasha mu gukemura ibibazo bimwe bidateganywa n'itegeko bishobora kuzamurwa mu gihe cy'inama y'abaturage ku rwego rw'Umudugudu n'urw'Akagari;
- Gutanga ubufasha no gutera akanyabugabo abagize imiryango migari gutanga ubujurire bwemewe mu guhamya ko ubutabera mu mibereho buhabwa intebe kandi ko kwemerwa kutari ko kw'inzego z'imibereho ingamba cyangwa inzego ingamba zidasobonutse zandikwa kandi zigakemurwa;
- Kugira uruhare mu ikurikiranabikorwa n'isuzuma ry'ibikorwa by'UMUSHINGA hagendewe ku bitekerezo ngenderwaho by'umushinga mu nzwero nk'uburinganire bw'ibitsina no kuzamura imyumvire yo kugira umutungo mu miryango migari;
- Kora inyandiko kandi utange amakuru ku kirego icyo ari cyo cyose cy'ibogama cyangwa cy'imikoreshereze mibi ya gahunda, y'ingamba cyangwa y'amategeko afitanye isano n'ibikorwa by'umushinga cyangwa cy'ibirego bya ruswa.

10.9.3. Inzira yo kugaragaza ibibazo bibangamiye abaturage

Iki gice kirasobanura uburyo ibibazo bitangwa n'uko bikurikiranwa ku nzego zitandukanye. Uburyo bwo kugaragaza ibibazo bikomoka ku mushinga biragaragara ko bushobora guhura n'inzitizi zitandukanye.

Gutanga ikibazo/ikirego ni ugusaba gusuzuma uko icyemezo cyafashwe n'abashinzwe gushyira mu bikorwa imirimo ikorwa n'**umushinga** ku buryo butaziguye. Iyo umuntu uwo ari we wese (umugenerwabikorwa cyangwa utari umugenerwabikorwa) yumva ko icyemezo cyafashwe atari cyo cyangwa kidakwiye, ashobora kugaragaza ikibazo cye cyangwa agatanga ikirego.

Ibibazo/ibirego biba bivuga ko umuntu **atanyuzwe cyangwa atishimiye ingingo cyangwa imikorere imwe n'imwe yerekeye imiyoborere n'imicungire y'umushinga yawo,** nk'urugero, iyo umuturage yumva ko abaturage batafashwe cyangwa batitaweho uko bikwiye, cyangwa ko amakuru bahawe atari ukuri, cyangwa ko habayeho ubukererwe no gutinda bidashobora kwihanganirwa.

Ikibazo/ikirego gishobora gutangwa n'umuntu ku giti cye, umuryango, cyangwa itsinda ry'abaturage – buri muntu wese ashobora gitanga ikirego/ikibazo kandi ni uburenganzira bwabo guhitamo kugitanga mu nyandiko cyangwa mu magambo. Ibibazo bishobora gutangwa **mu magambo batanditse cyangwa mu nyandiko (Imbonerahamwe ya 10.9.2.1).**

Imbonerahamwe 10.9.2.1 Itandukaniro hagati y'uburyo gutanga ikirego/ikibazo mu magambo no mu nyandiko

Icyiciro	Bufatiweho	Bwateguwe
Uburyo cyatanzwe	Mu magambo	Mu nyandiko
Ibibazo bikunze kuranga buri cyiciro	● Gusaba gusobanurirwa ikintu runaka ● Gusaba gusobanurirwa imikorere runaka ● Gusaba amakuru	● Mu gihe igisubizo yahawe mbere kitari cyo cyangwa kitamunyuze ● Afite amakuru atari yo ● Ntiyamenyeshejwe/Ntawamubwiye ● Yahejwe ku nyungu z'umushinga ● Ivangura cyangwa kurenganywa
Inzira kinyuzwamo	Komite z'ubuhuzabikorwa z'abaturage – Mu magambo	Komite z'ubuhuzabikorwa z'abaturage (mu nyandiko cyangwa ku ikoranabuhanga ku rubuga "Baza MoE")

Ibibazo bitanditse bitangwa mu magambo

Intego y'ibibazo bitanditse bitangwa mu magambo ntabwo ari ukubipfobya no kubitesha agaciro ahubwo bigamije guha abaturage uburyo buboneye bwo gukemura ibibazo byoroshye ku buryo bwihuse. Gutanga ikibazo kitanditse ntibibuza umuntu gutanga ikibazo mu nyandiko igihe icyo ari cyo cyose ubutaha. Komite Mpuzabikorwa y'Abaturage ishobora guhindura ikibazo cyatanzwe mu magambo mo ikibazo cyanditse bitewe n'imiterere yacyo. Ibi na none bishobora kuyobora umuturage gutanga ubujurire ku uryo bwanditse kugira ngo ubutabera bwimakazwe mu baturage no kugira ngo inzitizi z' imikorere n'imikoranire mibi cyangwa mu gihe imikorere n'imikoranire idasobanutse bishobore kugaragazwa, kwandikwa no kubonerwa umuti. Uburyo bwo gutanga no gukemura ibibazo bushingiye kandi bwubakiye ku mahame asanzweho you gutanga serivisi zinoze no kubaza umukozi inshingano ze.

a) Inshingano za Komite Mpuzabikorwa y'Abaturage

Komite Mpuzabilorwa y'Abaturage ikora nk'irembo ry'ibanze rinyuzwamo ibibazo bitanditse by'abaturage bitangwa mu magambo.

Nk'uko byagaragajwe haruguru, ibibazo bitanditse by'abaturage bigaragazwa mu magambo kandi bashobora kubitanga igihe icyo ari cyo cyose. Ibibazo bigaragajwe bikemurwa ako kanya, aho bishoboka, cyangwa bikaganirwaho mu nama ya Komite Mpuzabikorwa y'Abaturage cyangwa abagize iyo Komite bashobora guhura igihe bibaye ngombwa bakaganira kuri ibyo

bibazo bitanditse. Umuturage utanze ikibazo kitanditse ashobora kuza mu nama cyangwa agasaba umwe mu bagize Komite Mpuzabikorwa y'Abaturage kumutangira ikiazo mu izina rye.
Nyuma yo kuganira ku kibazo cyatanzwe, igisubizo gishyikirizwa uwatanze ikibazo mu buryo bw'amagambo. Uwatanze ikibazo afite uburenganzira bwo gutanga ikibabzo cye mu buryo bwanditse igihe icyo ari cyo cyose n'ubwo yaba yarahawe igizubizo mu buryo bw'amagambo n'umwe mu bagize Komite Mpuzabikorwa y'Abaturage. Komite Mpuzabikorwa y'Abaturage ishobora gushakira umuti icyo kibazo ako kanya kandi mu gihe Komite Mpuzabikorwa y'Abaturage idashoboye gukemura icyo kibazo, ishobora kucyohereza ku rwego rw'umushinga kugira ngo ukibonere igisubizo gikwiye.

Ibibazo byanditse bitangwa mu magambo

Ibibazo bitanditse bitangwa n'umuntu ufite ikibazo, ku giti cye, bikakirwa na Komite Mpouzanikorwa y'Abaturage mu nyandiiko cyangwa mu buryo bw'ikoranabuhanga binyuze ku rubuga rwa "Baza MoE".
Ibibazo bisuzumwa kandi bikemurwa ku buryo butaziguye na Komite Mpuzabikorwa z'Abaturage, cyangwa bikoherezwa ku rwego rw'umushinga n'ubwo bashobora gukorana na no kugisha inama inzego z'ubuyobozi bw'inzego z'ibanze hamwe n'abandi bafatanyabikorwa.

Ku rwego rwo hejuru, Minisiteri y'Ibidukikije/Urwego rwemejwe n'amategeko rushobora gukemura ibibazo bitakemuwe ku rwego rw'umushinga kandi mu gihe uwatanze ikibazo atishimiye igisubizo yahawe, icyo kibazo gishobora gusuzumwa no gufatirwa umwanzuro wa nyuma na Komite Nyobozi y'Umushinga. Buri gihe, uwatanze ikibazo amenyeshwa mu nyandiko igisubizo cyahawe ikibazo yatanze mu minsi 14. Mu gihe igisubizo gitinze kurenga iminsi 30, uwatanze ikibazo amenyeshwa uko ibintu byifashe.

a) Kwakira ibibazo ku rwego rwa Komite Mpuzabikorwa z'Abaturage

Muri rusange, ibibazo byakirwa na Komite Mpuzabikorwa y'abaturage ku rwego rw'ibanze. By'umwihariko, umunyamabanga wa Komite cyangwa undi muntu ubigenewe yakira kandi agashyira ku rutonde ibibibazo byose by'abaturage byakiriwe ku rwego rwa Komite Mpuzabikorwa y'Abaturage.

Ibibazo byose byakiriwe n'abagize Komite Mpuzabikorwa, bishobora kumenyeshwa mu buryo butanditse Perezida wa Komite Mpuzabikorwa y'Abaturage cyangwa binyuze ku rubuga rw'isuzumabikowa n'ikurikiranabikorwa (MoE). Perezida wa Komite Mpuzabikorwa y'Abaturage asuzuma ibibazo yakiriye kugira ngo abibonere ibisubizo biboneye. Ashobora gukusanyiriza hamwe ibibazo byose byakiriwe n'abagize Komite Mpuzabikorwa yAbaturage agatanga raporo mu magambo cyangwa binyuze ku rubuga rwa Baza MoE mu ishami rishinzwe imicungire y'Umushinga.

Umuntu uwo ari we wese ashobora gutanga ikibazo ku gite cye bwite cyangwa mu izina ry'undi muntu cyangwa mu izina ry'itsinda ry'abantu benshi. Icyakora, umuntu utanze ikibazo agomba kugaragaza umwirondoro we akoresheje indangamuntu ye y'Igihugu cyangwa izindi nyandiko zimuranga, harimo amazina, aderese ya email, aho bishoboka, igitsina cye, imyaka ye/itariki ye y'amavuko, n'ibndi bimuranga. Impamvu yo kugaragaza ibimuranga ni ukugira ngo hakorwe

urutonde rufasha mu gukurikirana ibi bibazo mu rwego rwo kumenya no gukurikirana ko umushinga wubahiriza inyungu n'uburenganzira bya buri wese mu gihe kizaza no kugira ngo ubuvugizi ku gisubizo cyatanzwe busuzumwe Icyakora, uwatanze ikibazo ashobora guhitamo guhisha umwirondoro we binyuze ku rubuga rwa Baza MoE cyangwa mu gasanduku k'ibitekerezo.

Ibibazo byanditse bitangwa mu magambo byandikwa ku ifishi yabigenewe cyangwa binyuze ku rubuga rwa Baza M&E. Buri kibazo cyanditswe gihabwa inomero ikiranga hakurikijwe uko byagiye byakirwa kugira ngo bizafashe mu kubikurkirana ku buryo bworoshye.

b) Ibibazo byanditse byoherejwe ku rwego rw'Umushinga

Ibibazo byose n'ibirego byose byakiriwe na Komite Mpuzabikorwa y'Abaturage ariko bitakemuwe ku buryo bushimishije ababitanze cyangwa iyo Komite Mpuzabikorwa ibona ko biri ku bushobozi bwo ku rwego rw'Umushinga, byoherezwa ku rwego rw'Umushinga kugira ngo bisuzumwe kandi bikemurwe.

Ishami rishinzwe imicumgire y'Umushinga risuzuma ibibazo byakiriwe kandi rikabibonera umwanzuro ukwiye. Ni yo mpamvu, rishobora gukusanya amakuru yose ya ngombwa ndetse n'ibimenyetso rishobora gushingiraho mu gihe cyo gufata umwanzuro. Rishobora gutegura ingendo aho uwatanze ikibazo atuye kugira ngo itege amatwi uwatanze ikibazo cyangwa abaturage b'aho uwatanze ikirego atuye. Na none kandi rishobora kwandika amakuru yose yakusanyijwe kandi rikanatanga raporo ishingiye ku buryo buteganyijwe n'urubuga rwa Baza M&E.

Abantu bose bitabira inama za Komite basabwa gukora ibishoboka byose kugira ngo basuzume kandi bakemure nta kubera no kubogama, ibibazo byatanzwe kandi basabwa gukora nta kubogama cyangwa kugendera ku marangamutima.

Mu gufata ibyemezo n'imyanzuro, ishami rishinzwe imicungire y'Umushinga:

- Rishingira ku mahame n'imikorere y'urwego rwa GCF no ku nyandiko z'Ummushinga hamwe n'amategeko n'amabwiriza byo ku rwego rw'ibanze;
- Kugisha inama impuguke mu gihe bibaye ngombwa kugira ngo basonanukirwe imiterere y'ibibazo bagejejweho;
- Gusaba ko habaho iperereza n'igenzura ku miterere y'ikibazo mu gihe basanze ari ngombwa, kugira ngo hagaragazwe ukuri ku kibazo cyatanzwe.

Iyo ishami rishinzwe imicungire y'Umushinga rimaze gufata umwanzuro, uwo mwanzuro wandikwa mu gitabo cy'ibibazo kandi iryo Shami rishinzwe imicungire y'Umushinga rikamenyesha uwo mwanzuro umuturage watanze ikirego/ikibazo. Iyo uwatanze ikibazo atanyuzwe n'umwanzuro wafashwe, ashobora kujuriirura uwo mwanzuro ku rwego rwa Minisiteri.

c) Ibibazo byanditse cyangwa ubujurire byoherejwe muri Minisiteri/Urwego rubifitiye ububasha

Iyo ikibazo kidashobioye kubonerwa igisubizo ku rwego rw'Umushinga, cyangwa iyo uwatanze ikibazo atanyuzwe n'umwanzuro wafashwe, ikibazo gishobora koherezwa ku rwego rwisumbuye arirwo Minisiteri y'Ibidukikije/Urwego rwemeye n'amategeko kugirango cyongere gisuzumwe kandi gifatirwe umwanzuro uboneye.

Minisiteri y'Ibidukikije/Urwego rwemewe n'Amategeko:

- Yiyambaza amahame n'amabwiriza agenga imikorere ya GCF hamwe n'inyandiko z'Umushinga ndetse n'amategeko n'amabwiriza yabigenewe;
- Yakira amafishi yibibazo y'umwimerere hamwe n'inyandiko z'imyanzuro n'ingamba byafashwe kugeza icyo gihe, hamwe na raporo z'inama zose iibi bibazo byaganiriweho;
- Isaba impuguke gutanga inama ya gihanga kwiye/ishoboka, kandi igisha inama izindi nzego zose zibifitiye ububasha ndetse n'abafatanyabikorwa;
- Isaba ko hakorwa iperereza/igenzura ry'inyongera.

Nyuma yo gusuzuma ikibazo, Minisiteri:

- Ifata umwanzuro ku kibazo imaze gusuzuma;
- Imenyesha uwo mwanzuro iwatanze ikiabzo, kandi ikagenera kopi Ishami rishinzwe imicungire y'Umushinga n'urwego rushinzwe kuwushyira mu bikorwa. Icyemezo gishobora kumenyeshwa uwatanze ikibazo binyuze ku rubuga Baza MoE.

Muri rusange, Minisiteri ishinzwe Ibidukikije itegura raporo y'ibibazo byakiriwe hamwe n'urutonde rwuzuye rw'ibibazo byanditse byose yakiriye, aho bigeze bikemurwa kugeza ubu, ibyemmezo byafashwe, n'izindi ngamba zafashwe kugira ngo byifashishwe mu myigire no mu bushakashatsi, Mu gihe uwatanze ikibazo atanyuzwe n'umwanzuro wa Minisiteri ishinzwe Ibidukikije, ashobora kujuririra uwo mwanzuro ku rwego rwa Komite Nyobozi y'Umushinga.

d) Ibibazo byanditse cyangwa Ubujurire byoherezwa kuri Komite Nyobozi ku rwego rw'Igihugu

Mu gihe ikibazo/ikirego kidakemuwe na Minisiteri ishinzwe Ibidukikije cyangwa mu gihe uwatanze ikibazo/ikirego atanyuzwe n'igisubizo ahawe na Minisitieri, ikibazo gishyikirizwa Komite Nyobozi ku rwego rw'Igihugu ((NSC). Byitezwe ko Komite Nyobozi ku rwego rw'Igihugu ishobora gukemura ibibazo byose igejejweho, iyo itabikemuye byoherezwa ku rwego rwigenga rwa GCF rushinzwe gukemura ibibazo.

Minisiteri ishinzwe Ibidukikije yoherererereza Komite Nyobozi y'Urwego rw'Igihugu idosiye n'inyandiko za ngombwa zirebana n'ikirego cy'umuturage cyajuririwe ku rwego rwa Komite Nyobozi y'Igihugu.

Komite Nyobozi ku rwego rw'Igihugu isuzuma ibibazo byose mu nama yayo itaha. Kugira ngo Komite Nyobozi ku rwego rw'Igihugu ifate ibyemezo, igomba:

- Gushingira ku mahame n'amabwiriza ngengamikorere ya' Urwego rw'Igihugu rushinzwe imihindagurikire y'ikirere (NCF) n'ay'umushinga hamwe n'amategeko n'amabwiriza yubahirizwa mu Gihugu;

- Kwakira idosiye n'izindi nyandiko za ngombwa zirebana n'ikiabo gisuzumwa;
- Ishobora gusaba impuguke izo ari zo zose kwitabira inama;
- Ishobora gusaba ko habaho ipereereza cyangwa ubushakashatsi by'inyongera.

Nyuma y'inama, Komite Nyobozi ku rwego rw'igihugu:

- Ifata imyanzuro ku bibazo byose cyangwa ku bujurire bwose yagejejweho no gukora raporo z'inama, harimo n'uburyo ibibazo byakemuwe na raporo z'amapereereza yakozwe n'abantu bahuye nabo;
- Isaba Ishami rishinzwe Imicungire y'Umushinga rishyira mu bikorwa ibyemezo bya Komite Nyobozi ku rwego rw'Igihugu kandi rigafata ingamba zikenewe kugira ngo hirindwe ko ibyo bibazo byasubira.

10.9.4. Gukusanya amakuru no gutanga raporo

<u>Gukusanya amakuro no gutanga raporo ku rwego rw'Abaturage</u>

Muri rusange, abaturage ngenerwabikorwa by'umushinga nibo soko ya mbere y'amakuru ku bikorwa umushinga uteganya gukorera mu karere kabo/ mu mudugudu wabo. Na none, ni nabo bwa mbere bagerwaho n'ingaruka z'imikorere mibi cyangwa ibibazo bikomoka ku bikorwa by'Umushinga.

Kubera iyo mpamvu, Komite Mpuzabikorwa y'Abaturage igomba gushyiraho uburyo bwo kuborohereza kubona amakuru aturuka mu baturage binyuze mu gutegura no kwitabira inama zinyuranye zihuza abaturage, ibikorwa rusange no mu ngendo z'aho ibibazo bivugwa. Na none kandi, bashobora kubayobora ku buryo bwo gukoresha no kwiyambaza inzira zose zabafasha kubona amakuru bakeneye no kugaragaza ibibazo bivugwa n'ibirego byatanzwe n'abaturage; aha twavuga nko kubahuza n'abantu imbona nkubone no biganiro nabo, hakoreshejwe telefone cyangwa urubuga rwo gutanga ibitekerezo no gukemura ibibazo rwa Baza MoE. Hashingiwe ku buryo bwo gufasha abagezweho n'ingaruka no kwita ku buringanire bw'ibitsina byombi, utanga ikibazo/ikirego ashohobora guhitamo gusimbuka uburyo busanzwe bw'ubucamanza n'ubutabera bwa GRM akaba yatanga ikirego cye ku buryo butaziguye kuri GCF IRM. Komite Mpuzabikorwa y'Abaturage ihugurwa ku buryo bwo kumenya ibirego/ibibazo byatanzwe mu buryo butaziguye, igihe bigenze bityo.

Nk'urugero, mu gihe cyo kubaka ibigega by'amazi, umuturage ngenerwabikorwa ashobora kudahabwa ingurane mu gihe cyagenwe. Iyo atanze ikibazo cye mu nama, abaturage b'aho atuye bashobora mbere na mbere kubwira uwo muturage ufite ikibazo inzira yamufasha gukemura icyo kibazo, hanyuma bakabimenyesha itsinda ry'umushinga kugira ngo bashake umuti w'icyo kibazo cyatanzwe n'umuturage.

Amakuru yose yakusanyijwe n'umwe mu bagize Komite Mpuzabilorwa y'Abaturage agezwa ku Munyamabanga wa Komite Mpuzabikiorwa.

Perezida wa Komite Mpuzabikorwa y'Abaturage asesengura amakuru yose n'ibibazo byose yakiriye kugira ngo amenye ibibazo bidakemurwa, agatumiza inama ya Komite Mpuzabikorwa y'Abaturage, agakora n'ibindi bisaba kuganirwaho mu nama ya Komite Mpuzabikorwa y'Abaturage hamwe n'ibigomba gushyikirizwa byihuse ku rwego rw'Umushinga kugira no byigweho bibonerwe ibisubizo,

Uko byagenda kose, amakuru yose n'ibibazo byose byakiriwe, byandikwa hakurikijwe amafishi yabigenewe cyangwa binyuze ku rubuga rwa Baza MoE kandi hakanakoreshwa uburyo bwo korohereza no gufasha uwahuye n'ingaruka. Abaturage bashishikarizwa kandi bagirwa inama yo gutanga amakuru ku mikorere mibi yose no ku bibazo byose, bakayageza ku bagize Komite Mpuzabilorwa y'Abaturage.

<u>Kumenyekanisha ibibazo n'ibizubizo byabyo unyuze ku rubuga Baza MoE</u>

Kumenyekanisha ibibazo n'amakuru

"Baza MoE" ni urubuga rufasha mu kwakira no gukemura ibibazo/ibirego ku buryo bwihuse kandi bwizewe. Runafasha abagenerwabikorwa n'abafatanyabikorwa ba MoE n'izindi nzego bakorana nabo cyangwa imishinga ishyirwa mu bikorwa mu rwego rwa MoE kubona inzira iboneye yo gutanga ibisubizo, kugaragaza impungenge zabo cyangwa ibibazo byabo bifitanye isano na serivisi za Minisiteri hamwe no kubona umuti n'ibisubizo biboneye kandi bikwiye by'ibibazo byabo. Na none kandi, rufasha gutanga amakuru arebana n'izi serivisi.

Hari uburyo bubiri bwo kugera ku rubugwa rwa Baza MoE –rushinzwe imicungire y'ibibazo by'abaturage:

a. Urubuga rwa interineti, aho unyura ku muyoboro ukurikira: http://bazamoe.environment.gov.rw/
b. Kuri telefone ukoresheje application ya Baza MoE na USSD (*164#)

Muri rusange, ukoresha ubu buryo bwombi yinjizamo amakuru ye bwite akenewe noneho agakanda kuri "komeza" kugira ngo yuzuze amakuru arebana n'ikibazo/ikirego cye.

Ukoresha izi nzira zombi yuzuza amakuru yose mu tudirishya twagenewe kwinjizamo amakuru arebana n'ikibazo n'andi makuru ashatse ateganywa n'amategeko yifuza gutanga, noneho agakanda kuri "komeza" kugira ngo yemeze amakuru yose aranga uwatanze ikibazo.

Ukoresha izi mbuga yuzuza utudirishya twose twagenewe amakuru y'utanga ikibazo n'andi makuru yifuza yihitiyemo, noneho agakanda "komeza" kugira ngo arebe amakuru yatanze hanyuma akohererereza ikirego/ikibazo abakozi bashinzwe kwakira ibibazo/ibirego.

Imyanzuro n'ibisubizo

Ubu buryo ubwabwo buhita bugaragaza ako kanya igihe ntarengwa cyahawe abakozi bashinzwe gukurikirana no gukemura ibibazo by'abaturage kugira ngo babe barangije gusuzuma no gukemura ibibazo bakiriye kandi bikorwa mu buryo bukurikira:

- **Abakozi bashinzwe gukurikirana no gukemura ibibazo by'abaturage ku rwego rw'umushinga** - Iyo ikibazo kimaze kwakirwa, kiba gikeneye igisubizo ku rwego rw'umushinga. Abakozi bashinzwe gukurikirana no gukemura ibibazo by'abaturage ku rwego rw'umushinga bashobora kwinjira ku rubuga kugira ngo bakemure ikibazo cy'umuturage. Abakozi bashinzwe umushinga ku rwego rw'umushinga bashobora kubona integuza binyuze kuri e-mail cyangwa ubutumwa bugufi bwa telefone (SMS) mu gihe ikibazo/ikirego gishya gitanzwe no mu gihe asabwe kugira icyo abivugaho no gutanga inkunga ye. Na none, umukozi ashobora kubona integuza nyuma y'iminsi itatu (3) igihe nta gisubizo cyatanzwe ku kibazo, ndetse na nyuma y'iminsi itanu (5) abona indi nteguza imusaba gushakira igisubizo ikibazo yagejejweho, noneho agahabwa imburo nyuma y'iminsi irindwi (7) ku buryo urubuga ubwarwo ruhita rwohereza ako kanya icyo kibazo cy'umuturage ku rwego rwisumbuye. Ibi bivuze ko abakozi kuri uru rwego baba bafite iminsi irindwi (7) yo gutanga igisubizo cyangwa inama ku kibazo cyatanzwe. Iki gihe ntarengwa kinareba umuyobozi w'umushinga mu gihe ikibazo/ikirego cyoherejwe ku rwego rwe.

- **Abakozi bashinzwe gukurikirana no gukemura ibibazo ku rwego rwa MoE** – Nyuma yo kugezwaho ikibazo cy'umuturage, kiba kiri mu nshingano za MoE, gitegereje kubonerwa igisubizo. Abakozi bashinzwe imishinga ku rwego rwa MoE bashobora kwinjira ku rubuga no kubonera igisubizo ikibazo cy'umuturage. Abakozi bashobora kubona integuza yo gushakira igisubizo ikibazo cy'umuturage, hashingiwe ku bihe ntarengwa byasobanuwe haruguru.

- **Komite Nyobozi:** Iyo umuturage watanze ikibazo atanyuzwe n'igisubuzo ahawe n'abakozi bashinzwe imishinga ku rwego rwa MoE, ku buryo ageza ikibazo cye ku rwego rwisumbuye, iki kibazo gishyirwa mu nshingano za Komite Nyobozi. Komite Nyobozi ishobora kwinjira ku rubuga no gushakira umuti ikibazo igejejweho. Ubishinzwe (Perezida wa Komite Nyobozi) ku rwego rwa Komite Nyobozi ashobora kubona integuza binyuze kuri e-mail no mu butumwa bugufi kuri telefone iyo ikibazo kizamuwe kuri urwo rwego rwa Komite Nyobozi n'igihe Komite Nyobozi isabwe kugishakira umuti. Byongeye kandi, abona integuza nyuma y'iminsi cumi n'itanu (15) iyo nta gisubizo gihawe umuturage watanze ikirego/ikibazo. Mu magambo make, Komite Nyobozi iba ifite iminsi cumi n'itanu (15) yo gusubiza umuturage watanze ikibazo/ikirego.

11. IKURIKIRANABIKORWA N'IGENZURABIKORWA

Nk'urwego rwemewe n'amategeko (AE), MoE mu izina rya Guverinoma y'u Rwanda, ikurikirana kandi ikanagenzura imicumngire n'ishyirwa mu bikorwa by'umushinga. RFA ikora nka EE y'umushinga binyuze mu masezerano y'ubutwererane y'umushinga PCA) yasinyannye na MoE. MoE igirana amasezerano y'imikoranira na RFA agenga ishyirwa mu bikorwa ry'umushinga. Ibikorwa byose bihuzwa n'Ishami rishinzwe imicungire y'umushinga (PMU) kandi rifashwa n'izindi nzego za Guverinoma zibishinzwe, harimo n'Urwego rw'Igihugu rushinzwe Ubutaka (NLA)

n'Urwego rushinzwe Amazi (NWB) muri MoE.

Kugenzura no gukurikirana (M&E) umusaruro w'umushinga n'ibikorwa by'umushinga bizakurikiranwa n'impuguke yasobereye mu gukirikirana mo kugenzura ibikorwa (M&E) yo ku rwego rw'igihugu ishyirwaho n'Ishami rishinzwe imicungire y'umushinga (PMU) usagenzurwa n'Imbonerahamwe y'Imicungire y'Ibidukikije n'imibereho y'Abaturage (ESMF). Iyo mpuguke mu ikurikiranabikorwa n'igenzurabikorwa n'izindi mpuguke mu igenzurabikorwa zikorera muri EE- mu gutegura amabwiriza ngenderwaho agenga imikorere n'uburyo bwo kugenzura imikorere myiza, hagamijwe gukurikirana ubuzima bw'umushinga n'uko ugenda utera imbere mu rwego rwo kumenya ko wageze ku ntego zari ziteganyijwe. Inshingano z'impuguke mu ikurikiranabikorwa n'igenzurabikorwa (M&E) zisobanuwe ku buryo burambuye mu nyandiko z'umushinga mu gice cya karinndwi (7) kivuga ku miterere y'inzego n'uburyo bwo gukurikirana, kugenzura, no gutanga raporo ku bikorwa by'umushinga.

Incamake y'intego n'ibikorwa biteganyijwe by'umushinga biri ku rutonde mu gice cya E.6 cy'inyandiko y'ibanze y'umushinga (ibikorwa by'umushinga n'umusaruro biteganyijwe kuva ku mushinga. Inzego zishinzwe kuwushyira mu bikorwa n'abashinzwe gutanga serivisi zizakenerwa n'umushinga kugira ngo ugere ku ntego zawo bisobanurwa mu mbonerahamwe ya 2 (Incamake y'umusaruro witezwe ku mushinga n'inzego zishinzwe kuwushyira mu bikorwa); aya makuru ari mu nyandiko y'ibanze y'umushinga. Kugira ngo umushinga uteganyijwe uzakomeza kugera ku ntego zawo kandi uzakomeze gukora neza, hakenewe gukora igenzura n'ikurikiranabikiorwa ku buzima bwose bw'umushinga ku buryo bukirukira:

- Kugaragaza ibipimo ndangamikorere kubirebana n'umusaruro, ibipimo-fatizo bizakoreshwa mu igenzura, inkomoko y'amakuru, uburyo bw'ikusanyamakuru, igenzurabikorwa n'uburyo bwo gutanga raporo
- Kugaragaza abafatanyabikorwa bashinzwe gukusanya amakuru n'ingengabihe igaragaza inshuro amakuru akusanywa;
- Gushyiraho/kugena imirongo-fatizo igenzura rishingiraho;
- Gukusanya amakuru arebana n'igenzura;
- Gusesengura ubushobozi n'ubumneyi by'itsinda rishinzwe kugenzura uburyo bw'isuzumabikorwa;
- Gukora isuzumabikorwa n'igenzura boikozwe n'itsinda ry'umushinga hamwe n'abandi bafatanyabikorwa;
- Gukora raporo za buri gihe zigaragaza uko ibintu bihagaze;
- Gukora raporo za tekiniki/ibikorwa byihariye
- Raporo y'agateganyo y'isuzumabikorwa ry'impuguke zo hanze y'umushinga;
- Raporo y'isuzumabikorwa isoza umushinga y'impuguke zo hanze y'umushinga;
- Kugaragaza amasomo yigiwe mu mushinga yerekana ibikorwa ndasumbwa ntangarugero abandi bakwigiraho

Byongeye kandi, Imbonerahamwe y'imicungire y'ibidukikije no kurinda ubuzima bw'Abaturage (Environmental and Social Management Framework -ESMF) yarateguwe

ku bice by'umushinga no ku bikorwa bizasobanurwa nyuma igihe umushinga uzaba ushyirwa mu bikorwa. Kubera ko ifite umwihariko kuri ESMF, impuguke mu isuzumabikorwa (M&E Specialist) ikenera gukorana n'imppiguke ishinzwe kurengera ibidukikije no kwirida ingaruka ku baturage (Environmental and Social Safeguards-(ESS) mu gushyiraho ingengabihe yo kugenzura ingaruka z'umushinga ku bidukikije (ESIA) ziterwa n'ibikorwa by'ibyiciro by'umushinga n'ibikorwa bishamikiyeho nk'uko bisobanurwa mu mbonerahamwe y'imicungire (ESMF). Ubu bugenzuzi bugomba gukorwa ku bufatanye n'abafatanyabikorwa babigenewe hamwe n'abaturage, mbere yo gutangira ibikorwa.

Byongeye, impuguke mu isuzumabikorwa (M&E) ikenera gutegura ibipimo ngengamusaruro mu rwego rwo gushyira mu bikorwa uburyo bukurikira bwo kurinda ingaruka abaturage zikomoka ku mushinga wose muri rusange no ku bice bigize umushinga ndetse no ku bikorwa byawo:

(i) Uburyo bwo gukemura ibibazo by'abaturage (ii) uruhare rw'abafatanyabikorwa (iii) Urugendo rwo kwemera no kwiyemza (iv) gahunda yo kugabanya ingaruka zigera ku baturage (iv) gahunda y'imicungire y'impanuka zikomoka ku kazi n'aho akazi gakorerwa (v) Gahunda y'ubutabzi no kurinda aturage no guhangana n'impanuka (vi)Urwego rushinzwe gusuzuma no kuvugurura Inzego za Leta (vii) Gahunda y'ibikorwa biteza imbere uburinganire bw'ibitsina n'urubyiruko. Mu gice cya G.1. cy'inyandiko y'ibanze y'umushinga, incamake y'impanuka hamwe n'uburyo/ingamba byo kuzoroshya n'ingamba zo guhangana nazo birasobanurwa ku buryo burambuye.

12. GAHUNDA Y'URUHARE N'IMIKORANIRE N'ABAFATANYABIKORWA

Uruhare n'imikoranire by'abafatanyabikorwa ni ingenzi ahantu hose dukorera. Kubaka imikoranire n'ubufatanye no gusangira ubushobozi ni rimwe mu mahame y'ibanze aturanga mu mikorere yacu yo kurengera ibidukikije. Muri uyu mushinga harimo kugaragaza mu ikubitiro, abafatanyabikorwa n'inzego z'ubufatanye n'ubujyanama mu itegurwa ryawo kandi usaba ubufatanye n'imikoranire bihoraho n'amavugururwa ahoraho mu byiciro byose by'umushinga, mu rugendo rwo gushyira uyu mushinga mu bikorwa. Turateganya ubufatanye n'imikoranire nyabyo muri ibi byiciro bine:

1) Icyiciro cy'itegurwa ry'Umushinga
2) Ishyirwa mu bikorwa ry'umushinga mu ikubitiro
3) Ishyirwa mu bikorwa ry'igice cy'umushinga
4) Ibikorwa bya nyuma y'umushinga

Gutegura gahunda y'ubufatanye n'imikoranire n'abafatanyabikorwa b'umushinga

Mu gihe cy'icyiciro cy'itegurwa ry'umushinga, gahunda y'imikoranire n'ubufatanye n'abafatanyabikorwa yaranzwe no kugaragaza amatsinda y'abafatanyabikorwa, kugaragaza abakozi b'ingenzi bazakorana na buri tsinda ry'abafatanyabikorwa, kungurana inama no kuganira n'abafatanyabikorwa ku hazaza h'umushinga nyuma yo kuwusoza n'indi mishanga izakurikiraho, igitekerezo n'intego bya none by'umushinga, ibikorwa by'umushinga, n'uburyo buboneye bwo gushyira umushinga mu bikorwa hagamijwe gusaranganya, nta kubogama, ibyiza n'inyungu bikomoka ku mushinga. Reba Umugereka wa 7 kugira ngo ubone ibisobanuro birambuye ku ruhare n'imikoranire n'abafatanyabikorwa n'umusaruro uteganyijwe).

Kugaragaza mu ikubitiro amatsinda y'abafatanyabikorwa byaranzwe n'ibiganiro hagati yabo natwe ku bantu bacye mu gice cy'isunzu rya Congo-Nili bazagirwaho ingaruka n'umushinga. Mu kungurana ibitekerezo amaherezo havuyemo urutonde rw'abafatanyabikorwa nabo bashyizwe mu byicro by'abantu umushinga uzangiraho ingaruka zoroheje, abo uzagiraho ingaruka zicirirtse n'abo uzagiraho ingaruka zikomeye cyangwa abafatanyabikorwa bazabangamira umushinga. Aya matsinda azagerwaho n'ingaruka cyangwa azabangamira umushinga yaragaragajwe. Mu gukomeza ubufatanye n'imikoranire n'abafatanyabikorwa, twarakomeje tugaragaza amatsinda azahabwa amakuru, ayo tuzagirana ibiganiro, azagira uruhare mu mushinga cyangwa ayo tuzakorana mu gushyira umushinga mu bikorwa. Twahurije hamwe kandi tunoza uru rutonde hashingiwe ku mahame n'amabwiriza agenga GCF kubirebana n'abafatanyabikorwa bazahabwa amakuru, abazamenyeshwa cyangwa abazagira uruhare mu ishhyirwa mu bikorwa ry'umushinga. .

Gahunda y'uruhare n'imikoranire n'abafatanyabikorwa yagaragaje abafatanyabikorwa 77 barebwa n'umushinga, harimo 26 bazagerwaho n'ingaruka mu gihe 49 bazabangamira umushinga. Muri abo ***bazagirwaho ingaruka*** n'umushinga, 19 nibo bazagerwaho n'ingaruka zikomeye, mu gihe 6 bazagerwaho n'ingaruka zicirirtse naho umwe (1) akagerwaho n'ingaruka zoroshye. Benshi muri abo bazagerwaho n'ingaruka, batuye aho mu baturage kandi harimo – ingo ziyoborwa n'abagore, ingo ziyoborwa n'urubyiruko/abana, ababyeyi bibana, abaturage

bafite udushyamba duto duto, abavumvu, abahejejwe inyuma n'amateka, abatanga ingemwe z'imbuto n'iz'ibiti, abaturage badafiite ubbutaka, abatwika amakara, n'abandi. Muri abo ***babangamira umushinga***, 13 nibo bawubangamira kandi bagizwe ahanini na za Minisiteri za Guverinoma y'u Rwanda. Makumi abiri (20) bagizweho n'ingaruka zidakabije kandi barimo imiryango itegamiye kuri Leta, ibitangazamakuru byo mu Rwanda n'ibyo mu mahanga, abacukura amabuye y'agaciro ku buryo bwemewe cyangwa butemewe, abanyamadini, Minisiteri za Guverinoma zimwe na zimwe, zitita ku buryo bukwiye mu kubungabunga umutungo kamere ukomoka ku mashyamba, Imiryango mfatanyabikorwa itegamiye kuri Leta ikorera mu Rwanda, n'abandi. Abantu n'inzego babangamiye umushinga ku buryo bworoshye ni abafatanyabikorwa 16, barimo imiryango mpuzamahanga nterankunga mu bikorwa by'amajyambere usanga batitaye cyangwa bumva nta nyungu bafite mu mishinga iri mucyerekezo kimwe cyangwa yuzuzanya n'intego yabo cyangwa wenda itanga ubufasha n'ibikenerwa, ariko ugasanga batabyitayeho, cyangwa babishisha. Hashingiwe ku isesengiura ry'ikubitiro ry'urutonde rw'abaterankunga, tuzaha amakuru amatsinda 13 ku miterere y'umushinga n'uko uzangenda ushyirwa mu bikorwa. Tuzamenyesha amatsinda 29 amakuru arambuye kuri uyu mushinga kandi tubasabe inkunga y'ibitekerezo mu gutegura no gushyira mu bikorwa uyu mushinga. Tuzakorana ku buryo butaziguye n'amatsinda 35 cyane cyane agizwe n'abaturage bahaturiye.

Nyuma yaho, tugaragaza abantu b'ingenzi batanga amakuru kuri buri tsinda ry'abafatanyabikorwa kandi tukanegera abo batanga amakuruku kugirango bagirane ibiganiro n'inama n'abafatanyabikorwa. Ibi biganiro biba bikubiyemo ibiganiro by'umuntu ku wundi kuri telefone no kuri zoom ndetse n'imama zihuza abantu imbona nkubone, tutirengagije amategeko n'amavwiriza agenga guma mu rugo bitewe na'icyorezo cya COVID. Ibi biganiro kandi bigizwe n'inama zihuza amatsinda ku rubuga rwa interineti ndetse no mu matsinda yihariye.

Isesengura ry'ibanze ry'abafatanyabilkorwa ryakozwe gusa ku itsinda rimwe rishinzwe gutegura umushinga kandi habayeho andi mavugururwa no kurushaho kubinonosora mu biganiro n'abafatanyabikorwa ku buryo duteganya ko izi ngingo zizakomeza kunonosorwa mu byiciro binyuranye by'ubuzima bw'umushinga.

Gahunda y'ikubitiro y'uruhare n'imikoranire n'abafatanyabikorwa mu gushyira mu bikorwa umushinga

Mu rwego rwo kugira ngo umushinga ugere ku ntego zawo, tuzubakira ku bufatanye n'imikoranire by'itsinda rishinzwe umushinga mbere y'uko utangira no ku bufatanye n'imikoranire byatangiwe mu gihe cy'icyiciro cyo gutegura umushinga. Kuri iyi ntambwe tugezeho, uruhare rw'abafatanyabikorwa rurangwa no kugaragaza abantu b'ingenzi bafite impano karemano z'ubuyobozi mu itsinda ry'abafatanyabikorwa "babifitemo uruhare" bashobora gufasha itsinda mu kwegeranya imbaraga n'ibikenewe mu gushyira umushinga mu bikorwa. Ibi bishobora gusaba gushyiraho abakozi bashyashya, gushyirano uburyo bw'itumanaho n'iherererekanyamakuru hagati y'abafatanyabikorwa bava muri Minisiteri z'u Rwanda, hamwe n'abagize imiryango itegamiye kuri Leta, gushinga itsinda ngenzuzi/Urwego rw'ubujyanama bwunganira umushinga, gutanga amahugurwa ku ishyirwa mu bikorwa ry'umushinga harimo n'amahugurwa y'ikubitiro ku kurinda abaturage ingaruka bashobora guhura nazo bitewe n'umushinga.

Gahunda n'imbonerahamwe y'uruhare rw'abafatanyabikorwa mu ishyirwa mu bikorwa ry'ibyiciro by'umushinga

Gahunda zihariye z'uruhare n'imikoranire by'abafatanyabikorwa zitegurwa kuri buri cyiciro cy'umushinga. Hashingiwe ku makuru azwi neza mu gihe cyo gutanga inyandiko, hakenewe amakuru arambuye ku ruhare rw'abafatanyabikorwa kuri buri gikorwa. Nyuma yaho ibikorwa bigabanywa mu bikorwa bito bito mu gihe cyo gushyira umushinga mu bikorwa kandi amakuru yihariye arambuye ku bafatanyabikorwa bazagira uruhare mu gikorwa runaka n'ibikoresho n'ibyo baziyambaza, bizaba bikubiye mu micungire y'ubuzima bw'umushinga wose. Kubera ko ubufatanye n'uruhare byabo bikenera kugenda bihinduka kandi bitera imbere, ni nako ibikoresho bikenerwa n'uburyo bw'imikorere nabyo bikomeza kugenda bihinduka kugira no umushinga ushobore kugera ku intego zawo.

Abakozi bose bafite uruhare mu mushinga bahabwa amahugurwa ku ruhare rw'abafatanyabikorwa, harimo n'amahugurwa ku buringanire atangwa na GCF, hamwe n'amahugurwa agamije kuborohereza. Imyanya y'akazi mishya ishyigikiwe n'umushinga irimo iy'Impuguke ebyiri zishinzwe uruhare n'Imikoranire n'Abaturage bakorera kuri buri shyamba. Na none, hazabaho byibuze abakozi bashinzwe umurimo no kwirinda ingaruka bazakorera hafi ya buri shyamba kugira ngo bacunge umubare munini w'abakozi bakorera ku masezerano bashinzwe kurandura no gukuraho uduti tw'udutereranzamba, gutera ibiti, n'uburyo bwo gukora amashyiga arondereza inkwi. Izo mpuguke n'abakozi bazaba bashinzwe by'umwihariko, gukurikirana uruhare rw'abafatanyabikorwa/abaturage umunsi ku wundi muri buri gace mu duce 8 abaturage batuyeho (2 hafi na 2 kure y'amashyamba 2 akomye ateganyijwe: Nyungwe, na Mukura-Gishwati). Uruhare n'ubufatanye by'abaturage n'abaterankunga n'abandi bafatanyabikorwa bakorera ku rwego rw'igihugu bizakurikiranwa cyane cyane n'abakozi b'ingenzi batoranyijwe, barimo umuyobozi w'umushinga, umuyobozi wa Porogaramu ku rwego rw'igihugu, ba SSMT ku rwego rw'ibanze, Umukozi ushinzwe Imicungire y'Ibidukikije ku rwego rw'ibanze, Umuyovozi ushinzwe Umurimo n'Impanuka ku kazi ku rwego rw'Ibanze.

Post Project Stakeholder Engagement Plan

Impinduka n'ingaruka zose zikorwa zikwiye ako kanya gukurikiranwa, kwandikwa no gukorerwa urutonde, gusuzumwa no gusesengurwa kandi ibivuyemo bisangirwa n'abafatanyabikorwa bakorana n'umushinga mu buzima bwawo bwose. Mu gihe ibi bikorwa bizakorwa mu gihe cyose umushinga uzamara, hakwiye gushyirwaho imbaraga zihariye mu gukorana no gufatanya n'abafatanyabikorwa nyuma yo gusoza umushinga kugira ngo inyungu n'umusaruro by'umushinga bikomeze no kugira ngo ibyavuye mu mushinga bishobore kuba imbuto cyangwa umusemburo w'ibindi bikorwa bya ngombwa mu gihe kizaza, bitewe n'ubufasha buhagije butangwa. Gahunda y'uruhare n'imikoranire n'abafatanyabikorwa nyuma y'isozwa ry'umushinga bizasaba gusangira za raporo n'abafatanyabikorwa mu gihe gihagije kugira bashobore gutanga inyunganizi n'ibitekerezo, kubaza ibibazo no gutanga ubufasha n'inkunga.

13. ISESENGURA MU IKUBITIRO RY'IMITERERE Y'IBIBAZO BIREBANA N'IBIDUKIKIJE N'UBUZIMA BW'ABATURAGE

Uyu mushinga uzibanda cyane cyane ku kubaka ubudatsimburwa n'ubudahangwarwa by'abaturage batishoboye ku mihandagurikire y'ibihe mu gace k'u Rwanda gakora ku isunzu rya Congo-Nili binyuze mu gutera amshyamba no gutunganya ubutaka ku misozi ihanamye hamwe no kugabanya ubwinshi bw'inkwi zikoreshwa n'abaturage. Umushinga ufite ibikorwa by'ingenzi bishingiye ku ngamba zigamije gufasha abaturage batishoboye mu guhangana n'imihindagurikire y'ibihe n'ibiza biyikomokaho. Icyiciro cya mbere (1) kwinjiza ingamba zo guhangana n'imihindagurikire y'ibihe muri gahunda ikomatanyije y'imikoreshereze n'imicungiire y'ubutaka kigamije kubaka ubushobozi n'ubudatsimburwa bwo guhangana n'ingaruka z'imihindagurikire y'ibihe no kurengera urusobe rw'ibinyabuzima, ibidukikije n'abaturage batuye mu byaro. Ibi bikorwa binyuze mu gushimangira ubufatanye n'imikoranire hagati y'inzego zose no kwinjiza ubudahangarwa ku mihindakurikire y'ibihe mu igenamigambi no muri gahunda y'amajyambere. Icyiciro cya kabiri (2) imicungire y'imisozi n'ibisiza no kongera gutunganya ubutaka bwangiritse kizibanda ku bikorwa byihutirwa cyane kurusha ibindi mu rwego rwo kubaka ubushobozi n'ubudahangarwa bw'abaturage batishoboye binyuze mu kuvugurura no kongera ahatewe amashyamba no kubungabunga urusobe rw'ibinyabuzima n'umutungo kamere by'amashyamba n'imiterere hamwe n'ubwiza by'ubutaka ku misozi ndetse no kugabanya ubwinshi bw'inkwi zikenerwa n'abaturage. Icyiciro cya gatatu (3) kizibanda ku micungire y'umushinga, ikurikiranabikorwa n'Isuzumabikorwa (M&E).

MoE ihabwa uburenganzira na GCF kugira ngo ikore ibikorwa biterwa inkunga biri mu Byiciro bya B na C by'Imicungire y'ibidukikije n'Ingaruka ku Baturage. MoE hamwe n'afatanyabikorwa bayo b'inngenzi (WCS, REMA) basuzumye umushinga kugira ngo bamenye ingaruka mbi zishoboka ku bidukikije no ku baturage, hashingiwe ku bisabwa na GCF. Porogaramu yagenzuwe ku birebana n'ubuzinanenge ku bidukikije no ku baturage, hashingiwe ku mahame n'amabwiriza bya GCF, harimo n'ibipimo GCF ikoresha mu kugenzura ingaruka ku bidukikije no ku buzima bw'abaturage. Isesengura rya Porogaramu yose ryagaragaje ko izagira ingaruka zidakabije ku bidukikike no ku buzima bw'abaturage, zingana n'icyiciro B cya GCF. (https://www.greenclimate.fund/documents/screening-categorizing-activities).

Muri rusange, ingaruka n'impanuka basanze zidateye inkeke kandi zishobora kugabanywa no koroshywa, kandi n'uburemere bw'ingaruka n'impanuka ziteganyijwe zishobora kwirindwa cyangwa kugabanywa ku buryo bworoshye. Ingaruka ziteganyijwe na none basanze ari nkeya mu mibare, kandi zigarukira gusa mu duce umushinga uzakoreramo (CND) no bice umushinga uzakoreramo ibikorwa byawo. Ingaruka mbi zishoboka nazo zarasuzumwe ziragaragazwa kandi zishobora kubonerwa umuti ndetse biranashoboka kugabanya ubukana bwazo binyuze muri rusange mu ngamba zemewe zo kugabanya ingaruka ku bidukikije n'amahame mpuzamahanga agenga imikorere myiza y'inganda itangiza ibidukikije.

Uyu mushinga wateguwe ku buryo uzubaka ubushobozi bw'abaturage aho batuye mu gukoresha neza umutungo kamere w'amashyamba ku buryo burambye kurushaho, abayobozi ku rwego rw'abaturage n'ab'inzego z'ibanze bazasabwa kugira uruhare mu ishyirwa mu bikorwa ry'umushinga mu gukangurira abaturage gutanga inkunga yabo no kubigiramo uruhare. Umushinga uzubaka kandi wongereye ubushobozi bw'abayobozi ba pariki z'igihugu

n’ubw’abahinzi batoya bwo guhangana n’imihindagurikire y’ibihe.

Umushinga wiyemeje guteza imbere imikoranire isesuye n’ubwitabire busesuye bw’abafatanyabikorwa mu mu bikorwa byawo. Iyi porogaramu iteguwe ku buryo izaremesha inama zihoraho za buri gihe zihuza abafatanyabikorwa banyuranye kugira ngo bitabire ibikorwa by’umushinga ugitangira no mu buzima bwawo bwose. Ishyirwa nyirizina rya porogaramu aho ikorera bizategurwa bose bafatanyije, hamwe n’abaturage bireba. Kugeza ubu, inama nyunguranabitekerezo (24 Gicurasi 2017) ihuza NDA n’izindi nama nkurikiranabikorwa ndetse n’ibiganiro byarakozwe kandi byitabirwa n’abafatanyabikorwa.

Ingaruka zikomeye z’umushinga zishoboka zisobanurwa mu magambo make mu mbonerahamwe iri hepfo kandi itegurwa ry’Isesengura ry’Ingaruka ku Bidukikije no ku Buzima bw’abaturage (ESIA) na Gahunda ijyanye nayo n’Imicungire y’Ibidukikije no Kubungabunga Ubuzima bw’abaturage (ESMP) mu gihe cya PPF bizasobanura birushijeho ingaruka z’umushinga n’ingamda zikwiye zo kugabanya ubukana bw’izo ngaruka hashingiwe ku bisabwa n’amahame n’amabwiriza ngengamikorere bya Guverinoma y’u Rwanda n’uburyo bwo gukumira ingaruka ku buzima bw’abaturage buvugwa mu mishinga y’icyiciro cya B.

Inyungu za porogaramu ku ibidukikije no ku buzima bw’abaturage ni ingirakamaro. Iyi porogaramu izazana inyungu ku buryo butaziguye zigamije kongera ubudatsimburwa n’ubudahangarwa bw’abaturage barenga 1,254,242 mu baturage batishoboye cyangwa bakennye cyane kurusha abandi mu duce dukora ku isunzu rya Congo-Nili (CND) (4,446 km2) kandi uzabyara inyungu ngabanyabukana binyuze mu kugabanya umwuka wa karubone ku gipimo kigera kuti toni 250,841 za CO2-eq mu gihe cy’imyaka 5 umushinga uzamara, bihwanye no kugabanya hafi ya 0.9% bya 28.2M t CO2 nk’uko biteganyijwe mu cyerekezo cy’u Rwanda cya 2050. Ibi bizafasha kuguma mu bihugu bitavubura umwuka wangiza ikirere kugeza mu mwaka wa 2050.

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
Akiciro k'umushinga 1.1: Kwinjiza ubudahangarwa n'ubudatsinmburwa ku mihindagurikire y'ibihe mu igenamigambi na politiki by'Uturere, iby'intara n'iby'igihugu birebana n'imikoreshereze y'ubutaka				
	Nta ngaruka zidakosorwa zishobora guterwa n'iki gikorwa. Aka gace k'umushinga gasaba ubufasha mu ihuzabikorwa n'ubufatanye bw'igenamigambi buhuriweho na za Minisiteri zinyuranye	Zishobora kubaho: Gake Ingaruka: Nke Ibyago: Bike		Zishobora kubaho: Gake Ingaruka: Nke Ibyago: Bike
Akiciro k'umushinga 1.2: Kubaka ubushobozi bw'igenamigambi bw'aho umushinga ukorera no kugena ibikorwa				
	Mu by'ukuri iki gikorwa gikubiyemo gutanga ubujyanama mu bya tekiniki, servisi z'ubujyanama no kubaka ubushobozi mu rwego rw'igenamigambi ry'aho umushinga uzakorera. Gukusanya, gusesengura amakuru. kubera iyo mpamvu, aka gace k'umushinga gashobora kuba katazagira ingaruka zikomeye cyane izo ari zo zose.	Zishobora kubaho: Gake Ingaruka: Nke Ibyago: Bike		Zishobora kubaho: Gake Ingaruka: Nke Ibyago: Bike

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	**Ingaruka zitakemuwe**	**Ingamba zo gukumira ingaruka zishobora kubaho**	**Inganba zo kwirinda no kugabanya ingaruka n'impanuka**	**Ingamba zo kwirinda ingaruka zamaze kuba**
Akiciro k'umushinga 2.1: Kwita ku bidukikije mu micumgure y'amashyamba hagamijwe kubungabunga amashyamba cyimeza nk'indiri y'ibinyabuzima n'ibidukikije n'itangwa rya serivisi zihoraho zikenewe zikomoka ku bidukikije no ku rusobe rw'ibinyabuzama				
Kubaka ubushobozi bwa RDB n'ubw'abayobozi ba pariki z'igihugu mu gucunga amashyanba hagamijwe kongera ubudahangarwa ku mihindagurikire y' ibihe	Iki gikorwa gikubiyemo kubaka ubushobozi bwa tekiniki n'ubw' igenamigambi	Bishobora kubaho: Gake Ingaruka: Nke Ibyago: Bike		Bishobora kubaho: Gake Ingaruka: Nke Ibyago: Bike
Kugabanya ibyago by'imiriro iterwa no guhakura mu mashyamba akomye binyuze mu guteza imbere ubuvumvu bwa kijyambere mu bahizi n'aborozi 4000 bakikije pariki z'igihugu eshatu zibarizwa ku karere k'isunzu rya Kongo-Nili, hibandwa cyane cyane ku bagore n'urubyiruko hakoreshejwe uburyo bwagaragaye ko bwagize akamaro mu bihe byashize, guteza imbere uburinganire	Ibiganiro by'ibanze byagenewe abafatanyabikorwa harimo abavumvu byateguwe na WCS n'abaterankunga mu baturage bakikije pariki z'igihugu 3 barebwa n'iyi porigaramu. Bizwi ko umurimo w'ubuvumvu ukorwa cyane n'abagabo n'abantu bafite imyaka irenga 35 muri ibi bice bitatu. Intego y'iyi porogaramu ni ukurushaho kongera umubare w'abagore n'urubyiruko bakora imirimo y'ubuvumvu mu buryo bugezweho.	Bishobora kubaho: Bidakabije Ingaruka: Zidakabije Ibyago: Bike	Uruhare rw'abaturage mu ikubitiro kandi runakomeza hakoreshejwe ingamba ziboneye zo kwita ku buringanire n'ubwuzuzanye bw'ibitsina, imyaka y'ubukure no ku bikoresho bikenerwa. Kuzirikana ku mikorere iboneye irinda ubuzima bw'abakozi no kwambara imyenda irinda impanuka	Bishobora kubaho: Gake Ingaruka: Zidakabije Ibyago: Bike

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
n'ubwuzuzanye bw'abagore n'abagabo no kongera inkunga igenerwa abaturage mu kubungabunga amashyamba	Hakenewe kwibanda ku ngamba zifasha kubaka ubushoboozi bw'abagore n'urubyiruko hazirikanwa gukemura inzitizi zibuza abagore kugira uruhare muri iyi mirimo (Urug;umwanya muke uboneka mu mikoreshereze y'igihe mu rugo. MoE na EE bemera ko uburinganire b'ubwuzuzanye bw'ibitsina ari ingenzi kandi ko ari ingingo mpurirane, kandi ingammba za porogaramu zizibanda ku buringanire n'ubwuzuzanye bw'ibitsina nk'intego y'ingenzi, kandi hazibandwa cyane cyane ku bagore n'urubyiruko, hateganyijwe kurushaho kuzamura uburinganire n'ubwuzuzanye hagati y'abagabo n'abagore. Birashoboka ko ibyago by'indwara z'inzuki ndetse			

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
	n'ibyago byo kurumwa n'inzuki bizarushaho kwiyongera			
Kurandura udutereranzamba kuri hegitari 6800 za pariki y'Igihugu ya Nyungwe no korohereza iyororoka rishya ry'ubwoko bw'ibiti gakondo byahozeho no gusubizaho uburyo butuma ishyamba risubira	Muri rusange, ibi bikorwa biteganyijwe ko bizagira ingaruka nziza ku rusobe rw'ibinyabuzima (harimo n'ubw'ibw'ibinyabuzima byugarijwe no kuzimira) no kuri servisi zikomoka ku ndiri y'ibinyabuzima n'umutungo kamere. Kurandura udutereranzamba no kuvugurura amashyanba kimeza bizibanda cyane cyane ku buso busa n'aho ari butoya ugereranyije (hegirari 6800), zigize munsi ya 8% by'ubuso bwose bwa pariki y'Igihugu ya	Bishobora kubaho: Bigereranyije Ingaruka: Zidakabije Ibyago: Bidakabije	Kurandura udutereranzamba bizakorwa hubahirizwa ku buryo budakuka, amahame yabanje kugenzurwa neza kandi yemewe yasuzumwe kandi yemejwe na RDB, urwego rishinzwe imicungire ya za pariki z'igihugu. Ibi bokorwa bizakorwa gusa mu gace kugarijwe n'udutereranzamba. Ibi bikorwa bizakorwa mu gihe cy'imvura ku buryo hari ibyago bikomeye by'isuri. Hazashyirwaho uburyo bwo kurwanya isuri	Bishobora kubaho: Bigereranyije Ingaruka: Zidakabije Ibyago: Bike

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
	Nyungwe. Ni ukuvuga agace kugarijwe n'ingaruka mbi kazagabanywa kandi izo ngaruka nazo zigabanywe. Birashoboka ko hazabaho ibyago by'isuri y'ubutaka n'inkangu ziroha mu migezi no mu tubande mu bihe by'imvura nyuma no mu gihe cyo yo kurandura udutereranzamba. Ibyanya bikomye bishobora kwibasirwa ku buryo butemewe bikozwe n'aturage bashaka imbaho n'abasenya inkwi. Abantu bashobora kwimurwa ahantu hato hagize pariki y'igihugu mu gihe cy'ibi bikorwa byo gusubizaho no kubungabunga ishyamba. Hari ingaruka zo kongera ikibazo cy'ubusumbane hagati y'ibitsina mu birebana n'amafaranga abaturage binjiza mu		n'ubutaka buzatembera mu kabande no mu migezi. Igenamigambi ryitondewe n'ibiganiro mu baturage bizakorwa kugira ngo habeho umubare munini w'abakozi b'abagore kandi abakozi bazahabwa amahuggurwa ahagije n'uburyo bwo kubakurukirana no kubagenzura bihahije kugira ngo hatabaho gukandagirana batabishaka cyangwa gukomeretsanya mu gihe bakorera ahantu karemano hashobora kubateza ibyago no kubashyira mu kaga, kandi bazanahabwa amahugurwa ahagije ku buryo bwo kwirinda impanuka no kugabanya ibyago byo gukomereka no gukomeretsanya. Gusatura imbaho	

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
	gihe abagore badafite umubare munini mu bakozi bazahabwa akazi ko kurandura udutereranzamba. Birashoboka ko hari ibyago ko umubare w'abakozi ugabanuka mu gihe cyo gukora ku misozi ihanamye cyane cyangwa hakabaho abashobora kwikomeretsa igihe bakoresha ibikoreshho bityaye.		no gutema ibiti ntibyemewe muri pariki y'igihugu. Uburyo buboneye bwo gucunga kuzahura no kubungabunga ibyanya bitewemo amashyamba buzakurikizwa n'ubuyobozi bwa pariki kandi uyu mushinga uzakora ku buryo abakozi ba pariki bahabwa amahugurwa n'ubufasha bihagije	
Akiciro k'umushinga 2.3: Ubuhinzi n'amashyamba, gutera ibiti mu mirima n'amashyamba akomye				
Guhanga hegitari 2,500 z'amashyamba arinda ubutaka ku misozi ihanamye >55% kandi bafatanyije, gutegura, gutanga amahugurwa, no gushyira mu bijkorwa gahunda z'iterwa ry'ibiti mu mirima y'ingo zihinga uturima duto duto zenda kungana 8,000 (hegitari 2,500).	Iki gikorwa kizaba kigizwe n'mirimo yo gutera amashyamba. Ntibizasaba kubona ubundi butaka bushya cyangwa kwimura no gutuza abaturage. Hakenewe uruhare nyarwo rw'abaturage mu kugena ahantu hihariye hazaterwa amashyamba. Ku birebana n'ibidukikije, ingaruka zirimo isuri ishobora kubaho,	Bishobora kubaho: Bigereranyije Ingaruka: Zidakabije Ibyago: Bidakabije	Amashyamba arinda ubutaka ntazaterwa ku butaka bwahinzweho imyaka. Gutera ibiti mu mirima ntibizasaba ubutaka bushya, uburenganzira ku mikoreshereze y'ubutaka buzubahirizwa binyuze mu gutanga ingurane cyangwa ubundi buryo buteganywa n'amategeko kandi	Bishobora kubaho: Gake Ingaruka: Zidakabije Ibyago: Bike

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
	inkangu gihe zishobora gutembera mu tubande no mu migenzi mu bihe by'imvura no mugihe cyo gutera amashyamba mashya. Mu gihe kirambye, ubukana bw' izi ngaruka buzagabanywa n'agaciro k'ibikorwa byo gutera amashyamba. Iki gikorwa kizarangwa no guhanga imirimo n'amahirwe y'igihe gito y'imirimo ku baturage baturiye ishyamba. Hateganyijwe ingaruka zirebana n'ubuzima n'imibereho by'abaturage, harimo ibibazo abagize imiryango bazahura nabyo byo kutongera kubona amafaranga.		busaba iy'ubahirizwa ry'amategeko no gukurikiza andi mategeko yubabahirizwa mu Rwanda. Abaturage bazagira uruhare bitewe n'uko bari muri gahunga yo kugena imigambi yo gutera amashyamba no kuyasubizaho kandi aho bishoboka, amasezerano ya ngombwa ku burenganzira n'inshingano by'abaturage azategurwa kandi asinywe. Ingamba zose zo gutera amashyamba zizashingira ku isesengura cyangwa ku mahame n'imikorere mpuzamahanga yemewe, izagenwa mu gihe cyo kwiga imbanzirizamushing a kandi ku bwumvikane no ku ruhare rw'abaturage. Iyi porogaramu izakora ku buryo abaturage bahabwa	

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
			amahirwe y'akazi, amahugurwa n'inama kugira ngo basobanukirwe uburyo bwo gucunga no kwita ku bikorwa byabo, haba umuntu ku gite cye cyangwa abaturage muri rusange	
Akiciro k'umushinga 2.4: Kugabanya itemwa ry'amashyamba no kubaka ubushobozi bw'abari n'ategarugori binyuze mu gutozwa gukoresha amshyiga arondereza inkwi				
Kwimakaza umuco wo gukoresha amashyiga arongereza inkwi ku ngo 37,400 zihinga uturima duto duto	Kwimakaza umuco wo gukoresha amashyiga arondereza inkwi mu rwego rwo kongera ubwiza bw'umuka abantu bahumeka mu ngo, cyane cyane ku bagore n'abana hamwe no kugabanya igihe cyo guteka ibiryo, birashoboka ko habaho igihe cyo guhungabanya mu gihe gito imibereho n'ibikorwa bisanzwe by'abaturage ku bantu ku giti cyabo ubu, mu duce duteganya gutangizwamo ibikorwa by'amashyiga	Bishobora kubaho: Cyane Ingaruka: zikabije Ibyago: Bidakabije	Uburyo bwitondewe bw'igenamigambi n'ubw'ibiganiro byagenewe abafatanyabikorwa buzakoreshwa mbere yo guhitamo ahantu ibikorwa byo gukora amashyiga arondereza inkwi bizakorerwa kugira ngo abaturage n'imibereho by'abaturage bidahungabana by'igihe gito cyangwa kugira ngo ingo zihabwe amahugurwa akwiye ku myubakire n'imikoreshereze	Likelihood: Moderate Ingaruka: zidakabije Ibyago: Bike

Ingingo zigize Porogaramu n'ingaruka zishobora kubaho	Ingaruka zitakemuwe	Ingamba zo gukumira ingaruka zishobora kubaho	Inganba zo kwirinda no kugabanya ingaruka n'impanuka	Ingamba zo kwirinda ingaruka zamaze kuba
	arondereza inkwi		y'ayo mashyiga arondereza inkwi	

14. AMABWIRIZA AHURIWEHO AGENGA UBURYO BWO KUGABANYA IKUMIRWA KU BYANYA BIKOMYE

Ikumirwa ku byanya bikomye ni iki mu kubungabunga ibidukikije?

Ikumirwa ku byanya bikomye bibabo igihe umushinga urengera ibidukikije ushyizeho uruzitiro rubuza abaturage kubona inyungu n'ibyiza bari basanzwe babona bikomoka ku mibanire, ubukungu, umuco cyangwa ibikomoka ku bidukikije.

Ibyo umushinga wo kurengera ibidukikije usaba cyangwa ukenera:

- ● Kubuza abaturage, amatsinda cyangwa abantu ku giti cyabo batuye mu mbago cyangwa hanze y'ibyanya bikomye cyangwa amarindiro y'inyamaswa

kugira ngo badakoresha iyo mitungo kamere (urug. uburobyi bw'amafi, guhiga inyamaswa zo mugasozi, gutema ibiti no gusatura imbaho, cyangwa indi mitungo iba mu mashyamba itari imbaho n'ibiti);
- Kubuza abantu kugera aho batuye cyangwa ahakorerwa imirimo;
- Kubuza abantu kugera kuri serivisi z'imibereho myiza y'abaturage nka serivisi z'uburezi, amashuri, ubuvuzi, binyuze mu gukumira cyangwa kubuza abantu kugera aho izo serivisi zitangirwa, cyangwa;
- Impindula mu buryo bw'imikoreshereze n'imicungire by'umutungo kamere

Mu bikorwa, ikumirwa ku byanya bikomye bishobora kubaho iyo:

- Ibyanya bikomye bigihangwa cyangwa byongererwa ubuso;
- Habayeho impinduka mu micungire y'umutungo kamere (urug. Kugabanya ibiciro ntarengwa by'ammafaranga, gushyiraho icyanya abantu batemerewe guhigamo, kurobamo cyangwa kuragiramo amatungo);
- Abantu ku giti cyabo, amatsinda n'abaturage badashobora kongera ku mutungo kamere bari basanzwe bakoresha (Urug. Inyamaswa, amazi, ibiti, ibimera bivamo imiti bivuza);
- Ibikorwa by'ubukerarugenmda bugabanyijwe mu byanya bimwe na binwe;
- Ubucuruzi butacyemewe gukorerwa mu gace aka n'aka;
- Ibyanya ndangamuco bitagishobora gusurwa no kugerwaho

Iri kumirwa rishobora kuba iry'igihe gito by'agateganyo, mu bihembwe bitandukanye cyangwa iry'igihe gihoraho. Na none, iri kumirwa rishobora guturuka ku bushake bw'abaturage cyangwa gukorwa batarabishaka. Bitewe n'ubushake bw'abaturage iri kumirwa rishobora gutangizwa n'abaturage ubwabo cyangwa ku bufatanye bwa hafi n'abaturage. Nta buryo buriho buhatira abaturage kwemera kandi abaturage bashobora kwisubiraho igihe icyo ari cyo cyose.

Uburyo bwo kugabanya ikumirwa ku byanya bikomye ni iki?

Uburyo bwo kugabanya ikumirwa ku byanya bikomye ni inzira ihuriweho ikurikizwa ku bufatanye bw'abaturage bagizweho n'ingaruka mu byanya byakomwe aho abaturage bagizweho ingaruka bahabwa amahirwe yo kugaragaza ingaruka bagize, kuvuga no gusobanura inzitizi, ibyiza n'inyungu bikomoka kuri izo ngaruka z'ikumirwa. Banagaragaza abantu bazagirwaho n'izo ngaruka noneho bakanategurira hamwe gahunda yo kugabanya ubukana bw'izo ngaruka. Bitewe n'uburemere n'intera by'umushinga, ingamba zo kugabanya ubukana zishobora kwinjizwa no kwitabwaho mu gihe cyo gutegura umushinga cyangwa bishobora gushyirwa mu bikorwa n'abaturage ku buryo butaziguye. Imiterere y'umwihariko y'ubu buryo na gahunda yo kugabanya ubukana bw'ingaruka biganirwaho n'abantu bireba kandi bikinjizwa mu itegurwa ry'umushinga no mu ngengo y'imari.

Muri paje zikurikira, urasabwa gushaka amabwiriza cyangwa uburyo buhuriweho bukoreshwa ku kubungabunga ibdukikije n'umutungo kamere biyobowe n'abaturage cyangwa na Guverinoma

Amabwiriza rusange mu gutegura no kuyobora inama nyunguranabitekerezo ku kugabanya ingaruka z'ikumirwa ku byanya bikomye mu guteza imbere no kubaka ubushobozi bw'abaturage bwo kubungabuunga ibidukikije n'umutungo kamere

Ukoboza 2021

Amabwiriza y'abakozi b'umushinga ari mu nyuguti ziberamye.

IMITEGURIRE Y'INAMA – MBERE Y'ITANGIRA RY'INAMA:

- *Usabwe kugira urutonde rw'ibyanya byose bishobora gukomwa rukenewe kuganirwaho n'itsinda*
- *Kora ku buryo ureba ku rupapuro rwa spreadsheet no kumenya ibyo abakozi b'umushinga batekereza ku nyungu n'ibyiza biteganyijwe, ingaruka mbi n'uburyo bwo kugabanya ubukana bwazo.*
- *Kwiyegereza no gukorana n'abantu bafite ubumenyi buhagije ku nyunggu no ku ngaruka z'umushinga.*
- *Usabwe kuzuza urutonde rw'abazitabira inama*
- *Kora ku buryo ufite uburyo bwo kumenya no kwandika ibivugwa; dushyize mu gaciro, hagombye kubaho nibura abakozi 2 kugira ngo bagufasha kwandika ibivugwa no kuyobora ibiganiro.*
- *Niba uteganya ko hazasinywa amsezerano, kora ku buryo ushyira uburyo bwo kwandika inyandiko yemeza ubushake bw'abasinya ayo masezerano.*

<u>GUTANGIZA INAMA</u> - *Aya ni amakuru rusange yo gusobanura insanganyamatsiko*

Imishinga yo kubungabunga ibidukikije n'imitungo kamere bishohora gutera ingaruka ku baturage no kubanagmira imibereho myiza y'abaturage. Gushyiraho cyangwa kongera uburyo ubwo ari bwo bwose bwo kurengera ibidukikije n'imitungo kamere (kubuza abaturage kuroba Amafi) bishobora gusaba ko habaho ikumirwa no kubuza abantu kuroba no gukoresha imyanya yegereye inkombe n'imitungo kamere ikomoka ku mazi. Aya makumirwa ashobora kuba ay'igihe gito cyangwa ay'igihe kirekire, kandi ashobora kugira ingaruka ku matsinda amwe n'amwe cyangwa ku ngo (Urug. Abarobyi batari ab'umwuga) kurusha uko yagira ingaruka ku bandi baturage (aborozi b'amatungo baragira mu nzuri rusange).

Nanone kandi, imishinga yo kubungabunga ibidukikkije n'imitungo kamere akenshi yongera amahiwe yo kubona inyungu zisumbuye ku mitungo kamere mu gihe kirekire akaba kandi ariyo yo mpamvu, iyi mishanga itanga amahirwe yo kongera uburenganzira no kuzamura kurushaho ubuzima n'imibereho myiza by'abaturage.

Iyo hari ikumirwa cyangwa izindi ngaruka mbi ku baturage batuye aho, abakozi b'umushinga bakenera kuzitegura no kuzizirikana, naho ubundi, bishobora gutuma umushinga utagera ku ntego zawo cyangwa gutuma abaturage bawupinga, bakawurwanya mu gihe kizaza.

Kubirebana n'ingamba zo kubungabunga ibidukikije ku rwego rw'ibanze, ni ingirakamaro kumenya ko ibyemezo byawe bishobora kugira ingaruka ku baturage baturiye aho umushinga ukorera gusobanura neza amahitamo ariho yo kugabanya ingaruka mbi izo ari zo zose.

<u>INTEGO</u> – *Kora ku buryo usobanura neza intego yawe no kugira urutonde rw'ibyanya bikumirwa bikubiye mu nyandiko y'umushinga.*

Intego y'iyi nama ni ukuganira no kuzirikana ikumirwa/amakumirwa XXXXXX yagaragajwe n'abaturage kandi usabwe kugira ikiganiro ku nyungu ziteganyijwe, ingaruka mbi zishoboka, n'uburyo bushoboka bwo kugabanya ubukana bw'ingaruka, mu gihe bibaye ngombwa.

Ni ingirakamaro kumenya no kuzirikana ko nk'abaturage, ibyemezo byawe bishobora kugira ingaruka mbi ku baturage no ku bandi bakoresha iyo mitungo kamere. Abaturage bakenera kuzirikana no kumenya uko bagabanya ubukana bw'izi ngaruka. Iyo tuvuze kugabanya ubukana bw'ingaruka, tuba tumenyesha intanbwe n'ingamba ABATURAGE AHO BATUYE bashobora gufata kugira ngo bagabanye ingaruka mbi z'ayo makumirwa abangamiye abaturage. Byongeye kandi, ubu ni uburyo bwo kugabanya ubukana bw'ingaruka mbi itsinda ryawe rikeneye gushyira mu bikorwa. Muzakenera kuzirikana no gutekereza ubushobozi bw'ingamba zo kugabanya ubukana bw'ingaruka ku buryo ibi bikorwa bizaterwa inkunga y'amafaranga mu gihe bisaba amafaranga. Umushinga ushobora kuba ufite ingengo y'imari yagenewe kugabanya ubukana bw'ingaruka utera kandi haba hari abakozi bashinzwe gufasha mu gutekereza ku buryo bwose bushoboka.

<u>INTEGO UMUSHINGA USABWA KUGERAHO:</u>

Nyuma y'iyi nama, turizera ko ugomba kuba ufite urutonde rw'inyungu n'ibyiza bishoboka n'urutonde rw'ingaruka mbi bikomoka ku bikorwa byawe by'ubuyobozi/imicungire hamwe no ku bitekerezo bimwe na bimwe bikewe kwitabwaho no kuzirikanwa nk'uburyo bushoboka bwo kugabanya ubukana bw'ingaruka zibangamiye abaurage.

Nyuma y'iyi nama. Turizera ko uzaba wafashe icyemezo ku birebana n'ingamba zo kugabanya ingaruka zizashyirwa mu bikorwa kandi ugomba kuba ufite icyerekezo kigaragara cy'abantu bazagira uruhare mu ishyirwa mu bikorwa ry'izi ngamba.

Capa amapaji akurikira kuri BURI cyanya gikomye:

IKUMIRWA KU BYANYA BYAKOMWE:_____
Amazina y'umufashamyumvire:_____ Umudugudu/Akagari
Name:_____
Umubaere w'abitabiriye:_____ Itariki y'ikiganiro/amasezerano:_____

AMAKURU RUSANGE *– Umufashamyumvire atanga imbonerahamwe ku gisobanuro cy'ikumirwa ku myanya ikomye no ku ntera y'iryo kumirwa –Urug, Ubunini bw'ubuso bw'ubutaka buzakenerwa n'igihe iryo kumirwa rizatangirira kubahirizwa –Mbese ni mu gihe gito, igiciritse, igihe kirekire, buri mwaka, n'ibindi)*

KUNGURANA IBITEKEREZO *– Nyuma y'uko ibintu byose bisobanutse ku ikumirwa ku mashyamba akomye, nyuma yo kubiganiraho, kubyunguranaho ibitekerezo bishobora gongera gutangira. Kora ku buryo wiyambaza ubumenyi by'umufashamyumvire kugira ngo buri muntu wese asobanukirwe.*

INYUNGU
Usabwe gutekereza ku nyungu z''abaturage/abakoresha umutungo bazavana mu mushinga bitewe [ANDIKAMO UBWOKO BW'IKUMIRWA]?

Inyungu	Ni nde uzavana inyungu muri ibi bikorwa (Urug. Abaturage bose hamwe, itsinda ryihariye, igice cy'itsinda, sobanura aho ari ngombwa)	Ikigereranyo cy'umubare w'abagenerwabikorwa

INGARUKA/IBYAGO

Muri uyu mwanya, usabwe gutekereza ku bantu bashobora guhura n'ingaruka mbi ziterwa na [ANDIKAMO UBURYO BW'IKUMIRWA]. Ni izihe ngaruka zishobokara guterwa n'ikumirwa ku mutungo kamere? Ni nde uzagerwaho n'ingarulka zikomoka kuri ibi ibikorwa by'ikumirwa?

- *Shishikariza itsinda gutekereza ku MUBARE W'ABANTU bazagerwaho n'ingaruka, n'URWEGO RW'INGARUKA zizabageraho.*
    - *Urugero, niba bakoresha aha hantu hakomwe, baba bakoresha aho hantu 100% by'igihe cyangwa 20% by'igihe kandi haba hari ubundi butaka bushobora gusimbura ibyo bakuraga aho hantu hakomwe (Aho hantu hashya hasimbura ubutaka bwakomwe haba hafite ubuso bungana iki)?*
    - *CYANGWA niba bakoresha ibikoresho byo kuroba bitemewe n'amategeko, baba bafite ubushobozi bwo kubona ibindi bikoresho byemewe cyangwa baba bashobora gukomeza gukoresha ibyo bikoresho ahandi hantu?*
- *Saba itsinda gutekereza by'umwihariko ku ngaruka/ibyago ku bantu bo mu byiciro batishoboye (Urug. abagore, urubyiruko, abantu bakuze)*

Ingaruka	Ni nde uzagerwaho n'ingaruka (Itsinda ryihariye)	Ugereranyije, abo bantu ni bangahe?	Ni irihe janisha ry'imitungo yabo izagerwaho n'ikumirwa ?

UBURYO BUSHOBOKA BWO KUGABANYA INGARUKA

Bitewe n'izi nyungu zishoboka ndetse n'ingaruka mbi zishoboka, ni ubuhe bwoko bw'igabanywa ry'ubukana bw'ingaruka bushobora kuba ngombwa ko bworoshywa? Usabwe kwibuka ko ubu ari uburyo bwo koroshya ubukana bw'ingaruka butuma abaturage bazakenera inkunga y'amafaranga n'ubushobozi bwo kubushyira mu bikorwa. Dushobora kungurana ibitekerezo kuri ubu buryo bwose bwo koroshya ubukana bw'ingaruka mbere na mbere, noneho tukagena ingamba zishoboka n'uburyo buhendutse bwo kuzishyira mu bikorwa, bitewe n'amikoro aboneka.

- *Tanga imburo zibutsa mu itsinda: Niba abaturage bashobora gufatanya n'indi miryango n'izindi nzego, izo nzego zishobora gukorerwa urutonde.*
- *Saba itsinda gutekereza ku mahitamo yose mu gihe amafaranga adashobora kuboneka yo gushyigikira ingamba batanze zo koroshya ubukana bw'ingaruka.*

Koroshya ubukana bw'ingaruka *Ungurana ibitekerezo mbere na mbere ku buryo bwose mu matsinda y'aho abaturage batuye. Nyuma yaho, usabwe kuzuza*	Mbese abaturage bashobora gukora ibi nta mafaranga y'inyongera cyangwa nta bumenyi babonye? *Yeg/ Oya*	*Niba hakenewe amafaranga cyangwa ubumenyi* - hakenewe angahe kandi ikiguzi cyabyo kingana iki (Ikiguzi ku muntu)	*Niba amafaranga cyangwa ubumenyi bikenewe: haba hari abaterankunga bashobora gushyigikira ibi bikorwa muri uyu mwaka ukurikira?*

imbonerahamwe nk'itsinda ryaguye)			

AMASEZERANO

Niba itsinda ryiteguye gufata icyemezo ku ngamba zo kugabanya ubukana bw'ingaruka, tegura uburyo wo kwandika amasezerano hamwe n'abagize amatsinda. Kubera ko abakozi b'umushinga bashobora cyangwa badashobora kuba bafite uruhare muri gahunda yo koroshya ubukana bw'ingaruka kandi kubera ko abaturage bifatira ibyemezo ubwabo, ntabwo ari ngombwa kubasinyisha ko babyemeye ariko abakozi b'umushinga bakwiye gukurikirana amasezerano no kugenzura kugira ngo bamenye ko abaturage bashyira mu bikorwa ibyo biyemeje.

	Igisubizo	Amanota
Mbese abaturage bumva ko hakenewe kososhya ingaruka? *Yego /Oya*		
Niba igisubizo ari yego, ni ubuhe buryo bwo kugabanya ubukana bw'ingaruka; mbese abaturage bariteguye kandi bafite ubushobozi bwo kubishyira mu bikorwa? Kora urutonde.		

Mbese abaturage bafite ubushake bwo gushyira mu bikorwa [ANDIKA UBURYO BW'IKUMIRWA RITEGANYIJWE] dushingiye ku nyungu bateze no ku ngaruka zishobora kuvuka n'uburyo bwo kuzoroshya? Yego/Oya		

GAHUNDA YO KUGABANYA INGARUKA (Niba bumvikanye ku ngaruka zishobora kuvuka)?

Umuyobozi ushinzwe koroshya ingaruka	
Itariki ibikorwa byo koroshya ingaruka bizaba byashyizwe mu bikorwa:	
Ni ibiki bizashyirwa mu nyandiko hagamijwe kwerekana ko ingamba zo kugabanya ingaruka mbi zashyizwe mu bikorwa?	

UMUFASHAMYUMVIRE: Fata ishusho ku rupapuro runini rwagenewe amahugurwa rwerekana ibi bikurira, noneho ubaze buri wese kuzamura ukuboko hejuru niba babyemera:

- *Twiyemeje gukorana na [ANDIKA UBURYO BW'IKUMIRWA, hashingiwe ku nyungu n'ingaruka/zishoboka/uburyo bwo kuzigabanya bushoboka.*

Nyuma y'inama kora ku buryo uhuriza hamwe amakuru yose rusange wakusanyije kandi uyabike kugira ngo ubutaha azakoreshwe mu gutanga raporo ku Ishami ry'Imicungire y'Umushinga, mu gihe bibaye ngombwa.

Uburyo bwo kugabanya ingaruka zikomoka ku ikumirwa
Amabwiriza ngenderwaho ku kuyobora inama nyungurabitekerezo ku kugabanya ubukana bw'ingaruka buterwa n'ibyanya bikomywe

Ukuboza 2021

Amabwiriza agenga abakozi ari mu nyuguti ziberamye.

IMITEGURIRE Y'INAMA – MBERE Y'ITANGIRA RY'INAMA:

- *Usabwe kugira urutonde rw'ibyanya byose bishobora gukomwa rukenewe kuganirwaho n'itsinda*
- *Kora ku buryo ureba ku rupapuro rwa excel/spreadsheet kandi umenye* ***ibyo abakozi b'umushinga batekereza*** *ku nyungu n'ibyiza biteganyijwe, ingaruka mbi n'uburyo bwo kugabanya ubukana bwazo.*
- *Kwiyegereza no gukorana n'abantu bafite ubumenyi buhagije ku nyunggu no ku ngaruka z'umushinga.*
- *Usabwe kuzuza urutonde rw'abazitabira inama*

Niba abaterankunga bazuzuza izi mbonerahamwe, usabwe guhindura aya mafishi. Kuramo izina ry'umufashamyumvire noneho wandike amabwiriza yagenewe itsinda mbere yo gutanga iyi mbonerahamwe. Aharebana n'amakuru rusange, andika interuro nkeya ku gisobanuro cy'amakumirwa ateganyijwe n'icyo ari cyo. Usabwe gukuramo inyandiko zanditse mu nyuguti ziberamye kuko zagenewe gusa abakozi b'umushinga.

INKOMOKO N'ISOBANURAMPAMVU

Imishinga yo kubungabuna ibidukikije n'imitungo kamere ishobora kugira ingaruka ku baturage, ku buzima bwabo no ku mibereho myiza yabo. Gushyiraho no kuvugurura ubwoko bwose by'ibyanya bikomye (MPAs, LMMAs) cyangwa gukaza amategeko bishobora kubangamira uburobyi no kubuza abarobyi kugera mu mazi no gukoresha umutungo ukomoka ku amazi n'ibiyaga. Ikumirwa rishobora kuba iry'igihe kigufi cyangwa kirekire kandi rishobora kubangamira no kugira ingaruka mbi ku matsinda amwe n'amwe no ku ngo (Urug, abagore batunze ingo) kurusha abandi baturage.

Na none, imishinga yo kubungabunga ibidukikije n'umutungo kamere kenshi na kenshi amaherezo mu gihe kirekire ufasha abatutage kugera ku nyungu zikomoka kuri iyo mitungo kamere bitewe n'amahirwe atangwa n'iyo mishinga afasha mu guteza imbere uburenganzira n'imibereho myiza by'abaturage.

Iyo habayeho amakumirwa cyangwa izindi ngaruka mbi zibangamira abaturage aho batuye, abakozi b'umushinga bakenera guhora biteguye guhangana n'izo ngaruka, naho ubundi, bibangamira umushinga kugera ku ntego zawo cyangwa bigatuma abaturage barwanya ibikorwa byo kurengera ibidukikije n'umutungo kamere mu bihe bizaza.

INTEGO – *kora ku buryo ugira urutonde rw'ibyamya bikomye kandi ko rukubiye muri iyi nyandiko.*

Intego y'iyi nama ni ukuzirikana ku [shyiramo urutonde rw'ibyanya bikomye] [Shyiramo izina rya PA cyangwa ry'irindi tsinda] yagaragaje kandi ugirane ibiganiro ku nyungu/ibyiza biteganyijwe, ingaruka zishoboka, n'uburyo bwo kugabanya ubukana bw'ingaruka niba bikenewe.

Uzakenera imwe muri izi mbonerahamwe kuri BURI bwoko bw'ikumirwa riteganyijwe..

IKUMIRWA KU CYANYA GIKOMYE:_____

*Izina ry'Umufashamyumvire:*_____ Izina rya PA:_____

Umubare w'abitabiriye:_____ Itariki y'ikiganiro/amasezerano:_____

AMAKURU RUSANGE – *Umufashamyumvire atanga iishusho rusange y'icyo ikumirwa aricyo (Ni iki gikumirwa, ni ku ruhe rugero – urug. bizagira ingaruka ku buso bungana iki, niryari ikumirwa rishyirwa mu bikorwa, mu gihe kingana iki? (ni mu gihe gito, igihe kirambye, buri mwaka, n'ibindi)*

INYUNGU

Usabwe gutekereza ku nyungu abaturage/abakoresha uwo mutungo bazakuramo bitewe na [ANDIKA UWOKO BW'IKUMIRWA]?

Inyungu	Ninde uzagira ihyungu muri iri kumirwa?(Urug, abaturage bose, itsinda ryihariye, igice cy'itsinda, - Sobanura aho ari ngombwa)	Ikigereranyo cy'umubare w'abagenerwabikorwa

IBYAGO

Noneho, tekereza ku bantu bazagerwaho n'ingaruka mbi zikomoka ku [ANDIKA UBURYO BW'IKUMIRWA]. Ni izihe ngaruka mbi iri kumirwa rishobora gutera? Ni bande bazagerwaho n'ingaruka zikomka kuri iri kumirwa?

- *Saba itsinda gutekereza ku MUBARE w'abantu bazagerwaho n'ingaruka mbi hamwe n'URWEGO RW'INGARUKA zizaba ku baturage. Usabwe kuzirikana ko ibi bizasobanurwa wifashishije ingero zifatika (Utug; reba hepfo)*
    - *Urugero, niba abaturage bakoresha aha hantu hagiye gukomwa, baba bahakoresha 100% by'igihe cyangwa 20% by''igihe kandi haba hari ahandi hantu hashobora kuhasimbura kandi hashobora gutanga umusaruro n'ibintu bakuraga hahandi hakomwe? Mbese ubuso bw'aho hantu hashya bungana iki, ugereranyije n'ubutaka bwakomwe)?*
    - *Cyangwa, niba bakoresha ibikoresho byo kuroba bitemewe n'amategeko, baba bafite ubushobozi bwo kubona ibindi byemewe? Cyangwa baba bashobora gukomeza gukoresha ibyo bikoresho aho hantu hashyashya?*
- *Saba itsinda gutekereza by'umwihariko ku ngaruka mbi ku byiciro by'abaturage batishoboye (urug. Abagore, urubyiruko, abantu bakuze)*

Ingaruka	Ni nde uzagerwaho n'ingaruka (Itsinda ryihariye)	Ni abantu bangahe, ugereranyije?	Ni kurihe janisha ry'imitungo yabo izagerwaho n'ingaruka? Ni kuki?

INGAMBA ZISHOBORA KUGABANYA UBUKANA BW'INGARUKA

Bitewe n'inyungu n'ingaruka mbi zishoboka, ni izihe ngamba zo koroshya ubukana bw'ingaruka zishobora gukenerwa? Usabwe kwibuka ko izi ngamba zo kugabanya ubukana bw'ingaruka buzakenera amafaranga no gushyirwa mu bikorwa. Dushobora kungurana ibitekerezo ku ngamba zo kugabanya ubukana bw'ingaruka mbere na mbere, noneho nyuma yaho tukagena izishobora gushyirwa mu bikorwa ku buryo buhendutse, bitwe n'amikoro ahari.

- *Tanga ibimenyetso byibutsa: Niba bashobora gukorana no gufatanya n'indi miryango/inzego mu koroshya ubukana bw'ingaruka, abo bafatanyabikorwa bakorerwa urutonde*

- *Saba itsinda gutekereza ku yandi mahitamo mu gihe amafaranga atabonetse mu gushyigikira ingamba zo kugabanya ubukana bw'ingaruka bahisemo.*

Kugabanya ubukana bw''ingaruka *(mbere na mbere musabwe kungurana ibitekerezo ku ngamba zishoboka mu matsinda y'ibiganiro –hanyuma usabwe kuzuza imbonerahamwe mu itsinda ryaguye)*	Mbese PA ashobora gukora ibi akoresheje amafaranga y'inyongera cyangwa ubumenyi bw'inyongera? *Yego.Oya*	*Niba hakenewe amafaranga cyangwa ubumenyi* –hakenewe iki ku kihe kiguzi?	*Niba amafaranga n'ubumenyi bidakenewe: haba hari abaterankunga bashobora gufasha ibi bikorwa mu mwaka ukurikiyeho?*

AMASEZERANO

Niba itsinda ryiteguye gufata icyemezo ku ngamba zo kugabanya ingaruka, shyiraho uburyo bwo kwandika amasezerano hamwe n'abagize itsinda. Kubera ko abakozi b'umushinga bashobora cyangwa badashobora kugira uruhare mu ngamba zo kugabanya ubukana bw'ikumirwa, kandi kubera ko iki ari icyemezo abaturage bihitiramo ubwabo, ntabwo ari ngombwa kubasaba kubyiyemeza ariko abakozi b'umushinga bakwiye gukurikirana aya masezerano no kugenzura kugira ngo barebe ko ingamba zirimo gushyirwa mu bikorwa.

	Igisubizo	Notes
Mbese PA yumva ingamba zo koroshya ubukana bw'ingaruka zikenewe?Yego/Oya		
Mbese PA arateganya ko abaturage baganira ku ikumirwa? *Yego/Oya*		
Mbese PA yunva ko abaturage batekereza ko ingamba zo kugabanya ubukana bw'ingaruka ari ngombwa? Yego/Oya		
Niba igisubizo ari yego, ni izihe ngamba zo kugabanya ubukana bw'ingaruka PA yiteguye gufata? Kora urutonde		
Mbese PA afite ubushake bwo gushyira mu bikorwa [IANDIKA UBWOKO BW'IKUMIRWA] dushingiye ku nyungu n'ingaruka n'uburyo bushoboka bwo koroshya ubukana bwazo n'uburyo abaturage bashobora kubyitabira cyangwa kugerwaho n'ingaruka? Yego/Oya		

KUGENA INGAMBA ZO KUGABANYA UBUKANA BW'INGARUKA MBI (Niba bumvikanye ko hakenewe kosorshya ingaruka mbi?

Umuyobozi ushinzwe ishyirwa mu bikorwa ry'ingamba zo koroshya ingaruka mbi	
Itariki ibikorwa byo koroshya ingaruka bizaba byashyizwe mu bikorwa	

Ni ibiki bizashyirwa mu nyandiko hagamijwe kwerekana ingamba zo kugabanya ingaruka mbi byashyizwe mu bikorwa	

15. Umushinga w'inyandiko y'inshingano

Inyito :	Impuguke ishinzwe ibidukikije no kurengera/kurinda ubuzima/imibereho myiza by'abaturage
Ubwoko bw'umwanya w'akazi	Umwanya uhoraho
Atanga raporo kwa :	Ishami rishinzwe Imicungire y'Umushinga
Aho akazi kazakorerwa:	Kigali, Rwanda

Imbonerahamwe ya Prorogaramu:

Isunzu rya Congo-Nili ku ruhande rw'u Rwanda (CND), rifite ubuso bwa hegitari 444,600, ni akarere kagizwe n'imisozi miremire karangwamo umutungo kamere ukomoka ku mashyamba gakikijwe n'urusobe rw'imirima mito mito ihingwa cyane n'Imirima minini y'ubuhinzi bugamije ubucuruzi. Iryo sunzu rihera mu majyepfo rigana mu majyaruguru kandi rifite ubutumburuke buri hagati ya metero 1,900m na 4,507m; iryo sunzu rya Congo-Nili rigabanya icyogogo/ikibaya cy'uruzi rwa Nili n'Urwa Congo. Iryo sunzu rigize umuhora w'uburengazuba witiriwe Albert, rikaba ari kamwe mu turere dukize ku rusobe rw'ibinyabuzima muri Afurika kandi rikaba n'akarere k'ingirakamaro kurusha utundi turere dukeneye kubungabungirwa ibidukikije n'imitungo kamere ku mugabane wa Afurika, kuko gafite kimwe cya kabiri cy'inyoni za Afurika na 40% by'inyamaswa z'inyamabere. Mu misozi miremire kurusha indi, aka karere gakikijwe n'ibirunga, irindiro ry'inyamaswa rya Gishwati-Mukura, n'irya Nyungwe, akaba ariko karere k'u Rwanda konyine gasigayemo amashyamba kimeza yo mu misozi miremire, kandi kakaba kanafite urusobe rw'ibinyabuzima n'umutungo kamere by'ingirakamaro kurusha ahandi ku mugabane wa Afurika, kakaba kabarizwamo inyamaswa udashobora gusanga ahandi ku isi hamwe n'ibinyacumi bw'ubwoko bw'ibinyabuzima byugarijwe no kurimbuka/kuzimira, burimo ingangi zo mu misozi miremire, n'ibitera/impundu. Ishyamba rya Nyungwe ryemjwe nka kimwe mu byanya bitandatu bikenewe kurengerwa no kubungwabungwa kurusha ibindi mu muhora witiriwe Albert bitewe no kuba indiri yubwoko bw'ibnyabuzima udashobora gusanga ahandi kandi biri mu maremberea yo kuzimira. (Plumptre n'ibindi). N'ubwo ubuso bw'iryo shyamba bungana hafi na 5% by'igihugu, iyi ndiri y'amashyamba akomye rifitte agaciro n'akamaro katagereranywa kubera:

- Urusobe rw'agaciro katagereranywa k'urusobe rw'ibinyabuzima,
- Uruhare rw'ayo mashyamba mu bukerarugendo bw'u Rwanda bushingiye ku bidukikije bwamamaye hose bufite uruhare ku bukungu bw'u Rwanda kubera ko bwinjiza amafaranga y'amahanga menshi kandi akaba ari imwe muri za moteri z'iterambere mu Rwanda
- Servisi z'ubukerarugendo bushingiye ku bidukikije ziteza imbere ubuhinzi ngandurarugo ku baturage bakikije iryo shyamba hamwe no guteza imbere ubuhinzi bugamije ubucuruzi bwa kawa n'icyayi kandi butanga amahirwe y'akazi ku bagore mu gihe iyo mirimo yose iri ku mwanya wa kabiri n'uwa gatatu mu kwinjiza amadovize menshi mu gihugu.
- Gufata no kubika amazi akoreshwa mu nsisiro, imidugusu n'imijyi mito ikikije isunzu rya Congo-Nili kandi ni ni isoko y'imigenzi n'inzuzi hamwe n'ingomero z'amashanyarazi akomoka ku mazi; na
- Iri sunzu kandi ribika hafi ya 60% by'umwuka wa karubone uvuburwa mu Rwanda.

Aka gaciro n'izi serivisi zatangiwe kubangamirwa kubera impamvu zikomoka ku bikorwa by'abaturage no ku mihindagurikire y'ibihe; zizarushaho gukomezwa kubangamirwa bitewe n'ingaruka mbi zikomoka ku mihindagurikire y'ibihe. Uyu mushinga uzateza imbere uburyo bushingiye ku kubungabunga ibidukikije n'urusobe rw'ibinyabuzima mu rwego row kurengera amashyamba no kuyavugurura, kandi uzagira uruhare mu kongera no kubaka ubudahangarwa n'ubudatsimburwa bw'urusobe rw'ibinyabuzima n'ubwoko bwabyo, harimo no guhuza imikorere mu kurengera andi mashyamba mato mato ubu ari mu nkengero ry'iryo sunzu rya Congo-Nili. Binyuze muri ubu buryo bw'imikorere, umushinga uzarinda, usubizeho kandi uvugurure indiri y'mashyamba n'ibinyabuzima biyarimo, mu rwego rwo guteza imberre no kubungabunga urosobe rw'ibinyabuzima no kugabanya ibintu n'ibikorwa birubangamiye, tutirengagije kongera amahirwe ya serivisi zishingiye ku ndiri y'ibinyabuzima n'ibidukikije hagamijwe kubaka ubushobozi bw'abaturage batishoboye n'ubudahangarwa bwabo.

Imisozi n'ubutaka by'isunzu rya Congo-Nili (CND) ritunze hafi ya kimwe cya gatatu by'abaturage b'u Rwanda batuye kuri hafi ya kimwe cya gatanu cy'ubutaka bwose. Ubucucike bw'abantu buri ku mpuzandengo y'abaturage 736/km2, mu gihe mu turere twumwe na tumwe ubucucike bugeze ku baturage barenga 1,000/km². Raporo zigaragaza ko Isunzu rya Congo-Nili hari imibare yo hejuru kurusha ahandi mu gihugu y'abaturage bakenye cyane batishoboyye bakora imirimo y'ubuhinzi nganduraru go, bahingira inda. Mu gihe imvura nyinshi ihaboneka mu mateka yakomeje gutuma abaturage muri rusange babona ibiribwa bihagije, imiterere y'imisozi n'ubutaka bw'aka karere bituma abaturage bahinga ku misozi ihanamye cyane. Kubera imvura nyinshi imaze iminsi igwa muri aka akrere, aka karere k'misozi ihanamye bigaragara ko ariko karere k'u Rwanda kugarijwe kurusha ahandi n'imyuzure ndetse n'inkangu. Hagati ya 2013-2016 imvura nyinshi zidasanzwe sateye inkangu n'itemba ry'imisozi zishe abaturage 174 zisenya amazu arenga 5,000. Inyinshi muri izi nkangu zaherekejwe n'imyuzure y'ubutakwa buhigwa ku butaka bwera cyane bw'imisozi mu bibaya byinshi by'isunzu rya Congo-Nili no mu bindi bibaya byo mu bishanga ku buryo hegitari z'ibihingwa bitwarwa n'amazi buri mwaka. Ikigereranyo cya toni Miliyoni 1.5 z'ubutaka bwera buratakara buri mwaka, butwawe n'isuri.

Amashyamba y'isunzu rya Congo-Nili ni ingirakamaro mu budahangwarwa no guhangana n'ihindagurika ry'ibihe muri aka karere. Kuva u Rwanda rwabona ubwigenge, igiteranyo cy'ubutaka buteweho amashyama bwagabanutseho 40%, kuva kuri hegitari 219,000 kugera kuri hegitari 130,700, cyane cyane bitewe ibikorwa bya buri gihe byibasira ubutaka ku buryo buteguye cyangwa n'abaturage bigabiza aya mashyamba mu kajagari. Uku gutakaza ubutaka mu bice bikikije amashyamba y'umwimerere ya Gishwati na Makura bisa n'aho byarenze urugero, byarakabije. Kuri hegitari 32,098 zariho muri za 1980, n'ubu hasigaye gusa hegitari 3,460 z'ishyamba kimeza. Ni ukuvuga ko hatakaye hafi 90% (Reba Umugereka wa 2.2). Tugereranyije, ibirunga n'imbibi za Nyungwe bimaze ibinyacumi by'imyaka bitekanye, bidahungabana. Ishingwa mu minsi ishize rya pariki y'igihugu ya Gishwati-Mukura ni intanbwe y'ingirakamaro iganisha ihagarikwa ry'iyangizwa ry'iri shyamba no kongera kurisubizaho, cyane cyane binyuze mu gutunganya ubutaka no gutanga serivisi zigamije kurengera indiri y'ibinyabuzima mu nkengero z'isunzu rya Congo-Nili no kubungabunga ubutaka bwangiritse no gufasha abaturage batunzwe n'ubu butaka n'umutungo ukomoka ku mashyamba.

Ingero n'amahame by'Urugaga Mpuzamahanga rushinzwe Imihindagurikire y'Ibihe (IPCC) ruteganya ko ibipimo by'ubushyuhe bigenda byiyongera kandi ko bizatuma uturere dukikije Isunzu rya Congo-Nili tuzagenda tugusha imvura nyinshi bidasanzwe m myaka isigaye y'iki kinyejana. Ingaruka z'imvura nyinshi idasanzwe zibangamira cyane cyane abaturage bahinga uturima duto duto ku mabanga y'imisozi, yambaye ubusa kubera itemwa ry'amashyamba ku misozi, ku buryo ubwo butaka buba bwugarijwe n'isuri, inkangu, bituma abaturage batakaza umusaruro wabo w'ibihingwa ndetse n'ubuzima bwabo. Nyamara, ububasha n'ubushobozi bwabo bwo guhangana n'ibi biza ni buke cyane kubera ihindahurika ry'imvura n'ubucucike bw'abaturage bibangamira ku buryo bukomeye amahitamo yabo yo guhangana nabyo mu gihe habayeho ibiza. By'umwihariko, izi nzitizi zikunze kwibasira abagore kuko kugeza vuba aha, nta burenganzira busesuye ku butaka bari bafite ubagereranyije n'abagabo. Izamuka ry'ibipimo by'ubushyuhe bw'ikirere buteganyijwe kuri 2℃ rishobora kurushaho kongera ibipimo by'imvura hejuru ya 470m mu mashamba ari mu misosi miremire, ku buryo bizagira ingaruka ku guhitamo ibihingwa bisanzwe bihingwa, n'uburyo bw'imihingire n'imicungire y'ubutaka abahinzi basanzwe bamenyereye no ku bahinzi bashyashya. Kwiyongera kw'ubushyuhe n'imvura kuri iyi ntera na none bizahindura bikomeye ubuhinzi n'umusaruro w'icyayi n'ikawa, ku buryo hazaha ihangana rikomeye hagati y'ibi bihingwa ngengabukungu by'ingenzi bisanzwe byoherezwa mu mahanga n'indi mikoreshereze y'ubutaka.

Uyu mushinga wateguwe mu rwego rwo kubungabunga no kongera indiri z'amashyamba yugarijwe mu nkengero z'Isunzu rya Congo-Nili, kandi amaherezo hagamijwe kubaka

ubudatsimburwa n'ubudahangarwa bw'abaturage batishoboye batunzwe n'iri shyamba n'umutungo kamere urikomokaho. Ibi bizakorwa binyuze mu kubaka ubushobozi bwa Guverinoma mu igenabikorwa ry'imicungire y'ubutaka n'amashyamba, ku buryo bizafasha mu gushyiraho za politiki n'ingamba bigamije guteza imbere no kwinjiza muri gahunda za Leta ingamba zo guhangana n'imihindagurikire y'ibihe, hashingiwe ku buhanga bugezweho, binyuze mu igenamigambi rikomatanyije ku rwego rw'igihugu no ku rwego rw'akarere. Bizanafasha kurinda, gusubizaho no kwagura ishyamba kimeza, ku butaka bukikije ubutaka bw'ibanze bwa pariki z'igihugu, uzahuriza hamwe kandi wagure "uduce tumwe na tumwe dutoya" turi mu mbago za pariki dutandukanya pariki z'igihugu nyirizina n'ibice bituwe n'abaturage (Ubutaka buriho amashamba mato n'ibishanga / ubutaka bukikije pariki); uyu mushinga na none ugamije ibikorwa byo guhuza ubutaka bwo ku misozi miremire y'ingenzi hagati y'ibyanya bikomye, mu gihe na none uyu mushinga uzateza imbere serivisi zishingiye ku bidukikije binyuze mu gutera amashyamba n'ibiti gakondo bibanguriye cyangwa byateguwe neza, bigamije kongera ubunini bw'amashyamba n'ubwoko bw'ibiti birimo ku misozi ihanitse; gutera ibiti ku butaka bwororerwamo; hazakorwa n'ibikorwa byo gutera ibiti bivangwa n'ibihingwa mu bice bikorerwamo ubuhinzi. Ibikorwa by'inyongera bizafasha mu rwego rwo kuba umusemburo w'ingenzi wo kurwanya itemwa ry'amashyamba binyuze mu gushaka indi mirimo isumbura ibikorwa bisanzwe bibyara amafaranga hagamijwe guteza imbere imibereho myiza y'utrubyiruko n'abagore no kubashakira imirimo ibatunga ibyara inyungu ishingiye kuri serivisi z'ubukungu bushingiye ku bidukikije. Hazatekerezwa kandi hanatangwe ibihingwa bishobora guhangana n'imihindagurikire y'ibihe kandi umushinga uzafasha mu gutera inkunga ubushobozi bw'abaturage mu kugera kuri serivisi z'imari.

Ibikorwa by'umushinga bizakorerwa ku buso bwa hegitari 10,000 z'ubutaka (harimo amashyamba n'ahagenewe inzuri zivanze n'ibiti zo kuragiramo) binyuze mu micungire inoze yubaka ubudatsimburwa bwo guhangana n'imihindagurikire y'ibihe, kurushaho kunoza imikorere myiza yo kuvugurura ubuhinzi no gutera amshyamba kuri hegitari 3,346 z'imirima minini ihinzweho, bizagirira inyungu ku buryo butaziguye abaturage 1,254,242 (abagore 654,404) hagamijwe guteza imbere ubuzima bwiza n'imibereho myiza ibafasha guhangana n'imihindagurikire y'ibihe, no kubarinda ingaruka n'ibyago biterwa n'inkangu, imyuzure isuri itwara ubutaka no kubongerera ubumenyi ku ngaruka n'ibyago bikomoka ku mihindagurikire y'ibihe, kongera agaciro k'amashyamba no kubungabunga amashyamba n'indiri z'ibidukikije n'ibinyabuzima biba mu mashyamba, kongera amahitamo abafasha guhangana n'imihindagurikire y'ibihe, kubafasha kubona ibimera gakondo n'ubwoko bw'ibihingwa bufite ireme no guteza imbere ubuhinzi n'amashyamba, no kurushaho kunoza serivisi zishingiye ku rusobe rw'ibinyabuzima n'umutungo kamere. Uyu mushinga kandi uzagirira akamaro ku buryo buziguye abaturage 9,260,745 kandi uhange amahirwe y'imirimo angana na hafi 24,212 mu baturage bakesha ubuzima bwabo imitungo ikomoka ku mashyamba. Igiteranyo cy'ibikorwa byo kugabanya no kwirinda ingaruka z'imihindagurikire y'ibihe, bitewe n'igabanuka ry'amashyamba atemwa cyangwa yangirika, iyongerwa ry'ubuso buhinzeho amashyamba, gutera amshyamba mashya no kuvugurura ashaje, gutoza abaturage gukoresha amashyiga arondereza inkwi kibarirwa kuri toni 1,204,448 za CO2-eq kugeza mu mwaka wa 2043.

Ibi bikorwa bizashyirwa mu bikorwa ku bufatanye n'abaturage baturiye iri shyamba mu karere kose kagize Isunzu rya Congo-Nili kandi uyu mushinga uzubahiriza Amahame y'Ikigega gishinzwe Imicungire igamije kugabanya Imyuka Ihumanya ikirere, Kurengera ibidukikije no Kurengera ubuzima bw'abaturage: Politiki yo Kubungabunga Ibidukikije no Kurengera Ubuzima bw'abaturage, GCF/B.19/06.

Mu gushyira mu bikorwa byuzuye imbonerahamwe y'imicungire y'ibidukikije no kurengera abaturage, ishami rishinzwe imicungire y'uyu mushinga, riteganya gushyiraho impuguke

yazobereye mu kubungabunga ididikijie no kurengera abaturage.

Intego z'uyu mwanya w'impuguke:

- Gukorana na serivisi zishinzwe kugaragaza, kwirinda, gucunga no kugabanya ingaruka mbi zishobora kubaho zibangamira ibidukikije n'ubuzima bw'abaturage bitewe n'ibikorwa by'umushinga no gukorana n'abafatanyabikorwa bo ku rwego rw'ibanze.
- Gukora isesengura z'ingaruka z'ibikorwa by'umushinga uteganyijwe ku bidukikije no ku buzima bw'abaturage.
- Gutegura gahunda y'imicungire y'ibidukikije no kurengera ubuzima bw'abaturage kuri buri gikorwa, aho bibaye ngombwa.
- Gutera inkunga iyubahirizwa n'imikorere myiza igamije kurengera abarurage no kubarinda ingaruka mbi, guteza imbere no kuzirikana uruhare rw'abaturage, ubuhanga mu by'imibereho myiza y'abaturage, mu rwego rwo kunoza no guteza imbere ibyiza n'inyungu zikomoka ku kubungabunga ibidukikije, bitewe n'uyu mushinga.
- Gukurikirana no kugenzura ishyirwa mu bikorwa ry'ingamba n'amahame bigamije kurinda abaturage n'inzindi ngamba zo kugabanya ubukana bw'ingaruka zishobora guterwa n'umushinga no kurushaho gushyiraho uburyo bw'igihe kirekire ibikorwa n'inyungu zo kubungabunga ibidukikije, bikomotse kuri uyu mushinga.

Inshingano z'ingenzi z'impuguke:

- Gukora amasesengura asesuye y'ingaruka ku bidukikije no ku buzima bw'abaturage z'ibikorwa by'uyu mushinga uteganyijwe no gutegura za gahunda zo kubungabunga ibidukikije no kurengera ubuzima bw'abaturage, nk'uko bisabwa mu mbonerahamwe yo kubungabunga ibidukikije no kwita ku buzima bw'abaturage.

- Gukorana n'Ishami rishinzwe Imicungire y'Umushinga mu kugaragaza ibikorwa byihariye, aho bikorerwa, na gahunda y'abashinzwe za porogaramu ku byiciro 5 bigize umushinga harimo:
  - Gahunda y'Imikoreshereze y'Ubutaka: 1.1.2. Gutegura Gahunda y'Imikoreshereze y'Ubutaka yubaka Ubudahangarwa ku Ngaruka z'Imihindagurikire y'Ibihe na 2.2.1 Kugarura ibice karemano by'ingenzi bisigaye biri hanze y'ibyanya bikomye.

  - Gutera amashyamba mashya no kuvugurura asanzwe: 2.2.2. Kongera ubushake n'impungenge byo kugaruza ubutaka buteyeho amashyamba kimeza imbere no hanze y'ibyanya bikomye, harimo no kunoza ubufatanye n'imikoranire n'abaturage baturiye ayo mashyamba, 2.2.3. Guteza imbere ibiti n'ubwatsi gakondo mu nzuri zegereye cyangwa zikora kuri Pariki ya Gishwati no ku nkengero zayo, 3.3.1 Kuvugurura no gutunganya ubutaka ku hantu h'imisozi miremire haterwa amshyamba arinda ubutaka.

  - Guteza imbere ubuhinzi n'amashyamba: 3.1.2. Gutegura gahunda y'ubuhinzi n'iterwa ry'amashyamnba, hitawe ku biti bifite kalori nyinshi ndetse n'ubwoko bw'ibiti gakondo, 3.2.1. Gutegura gahunda y'uruhererekane rw'agaciro k'ubuhinzi n'iterwa ry'amashyamba bigamijwe amasoko, 3.2.2. Gufasha imyumvire no kubaka ubushobozi, guteza imbere inyongeragaciro no gushaka amasoko y'ibti n'ibimera batoranyije bifasha mu budatsimburwa ku mihindahgurikire y'ibihe, no 3.2.3. Korohereza abahinzi batishoboye mu guhangana n'ingaruka z'imihindagurikire y'ibihe no kubafasha kugera ku masoko.

  - Amakoperative: 3.2.4. Kubaka ubushobozi bwo kugera ku masoko, kongera umusaruro, kongera ibicuruzwa byabo no gukoresha amashyiga arondereza inkwi.

- Uburyo bwo kubona amafaranga: 3.3.2. Gutangiza no gufasha no gushishikariza abaturage umuco wo kuzigama no kwishyira hamwe mu matsinda yo kugurizanya aho batuye, guteza imbere uburyo bufasha abaturage kubona imitungo, no 3.3.3. Kubaka ubushobozi bw'ibigo by'imari kugira ngo bishyigikire ibikorwa byatoranyijwe by''uruhererekane nyongeragaciro kandi bageze serivisi z'imariku baturage.

- Gukora amasesengura arambuye ku ngaruka ku bidukikije no ku buzima bw'abaturage kuri buri cyiciro cy'ibikorwa, harimo kugaragaza ingaruka zishobora kubaho, gushyira mu byiciro izo ngaruka bitewe n'ubukana bwazo, no kuzirikana no gutekereza ku mahirwe n'amahitamo yo kugabanya izo ngaruka. Ibikorwa birambuye kuri buri cyiciro cy'umushinga ni ibi bikurikira
    - Ibisobanuro ku mushinga
        - Isobanurampamvu z'umushinga, amavu n'amavuko yawo
        - Aho umushinga ukorera, ibidukikije n'ubuzima bw'abaturage ngenerwabikorwa na mfatanyabikorwa
        - Urwego rw'inzego z'ubuyobozi n'urw'amategeko
        - Birumvikana ko hagomba kuba harimo inzira ibyemezo bifatirwamo n'uburyo bifatwa aho umushinga ukorera no ku rwego rw'ibanze rw'abaturarge
        - Isesengura ry'icyuho mu by'amategeko (Amategeko na za politiki Vs. Amahame ngengamikorerem ubusanzwe ni WB ESS)
    - Amakuru y'ibanze akenewe mu ikubitiro
        - Isesengura ry'ireme, ubwiza n'intera by'amakuru aboneka, kugaragaza icyuho cy'amakuru n'impungenge cyangwa ishidikanya biterwa n'icyo cyuho.
        - Gusobanura ibikorwa by'amajyambere bikorwa muri iki gihe no mu gihe kizaza mu karere umushinga ukoreramo, ariko bidafitanye isano n'uyu mushinga.
    - Ingaruka n'ibyago ku bidukikije no ku buzima bw'abaturage
        - Gusobanura ingaruka ku bidukikije zirebana n'Umushinga
        - Gusobanura ingaruka ku buzima n'imibereho by'abaturage zikomoka kuri uyu mushinga
    - Isesengura ry'ingaruka
        - Igenagaciro k'ingaruka
        - Kugena igiteranyo cy'ingaruka zose
    - Ingamba zo kugabanya ibyago n'ingaruka
    - Imigereka.

- Gutegura gahunda yo kubungabunga ibidukikije no kurengera ubuzima bw'abaturage isobanura ku buryo burambuye uburyo umushinga uzagabanya ingaruka mbi zishobora kuvuka.
    - Ibisobanuro birambuye byihariye ku buryo bwo kugabanya ingaruka bukenewe kuri buri cyiciro cy'umushinga ku bibazo birebana n'uburinganire bw'abagore n'abagabo, ingaruka ku byiciro y'abaturage batishoboye, n'ihohoterwa ry'ikiremyamuntu rishobora kubaho, aho ari ngombwa.
    - Ibisonbanuro birambuye ku bibazo birebana n'imicungire y'abakozi kuri buri cyiciro cy'umushinga cyateganyijwe kizakenera gushyiraho abakozi.
    - Ibisobanuro birambuye ku micungire iboneye y'umutungo kamere no kwirinda ihumana kuri buri cyiciro cy'umushinga giteganyijwe.
    - Gahunda y'imicungire y'ibiza kuri buri cyiciro cy'umushinga giteganyijwe
    - Gahunda yo kubaganya inzitizi z'ikumirwa kuri buri cyiciro cy'umushinga

gishobora kugira ingaruka z'ubukungu no kwimura abaturage.
    - Ibisobanuro byihariye ku imicungire y'inyongera y'urusobe rw'ibinyabuzima kuri buri cyiciro cy'umushinga, aho bibaye ngombwa.
    - Kwita ku matsinda y'abaturage bahejejwe inyuma n'amateka, aho ari ngombwa.

- Kwinjiza gahunda zo kubungabunga ibidukikije ko kurengera ubuzima bw'abaturage mu bikorwa ibyo ari byo byose by'umushinga n'ishyirwa mu bikorwa ryawo.
    - Kugira uruhare mu mahugurwa agamije kurengera ubuzima n'imibereho myiza by'abaturage no guhuza ubumenyi na gahunda y'ishyirwa mu bikorwa hamwe na AE ndetse na EE.
    - Gutegura amahugurwa yagenewe abayobozi b'umushinga, abakozi n'abafatanyabikorwa b'umushinga ku ruhare n'inshingano z'impuguke zishinzwe ubukangurambaga mu baturage n'ishyirwa mu bikorwa ry'ingamba zo kwirinda ingaruka.
    - Gutegura no kuyobora amahugurwa ku buryo buhoraho nk'uko bikenewe, agenewe abayobozi b'umushinga mu rwego rwo kubakangurira ingamba zo kubungabunga ibidukikije no kurengera ubuzima bw'abaturage; uruhare rw'impuguke zishinzwe ubukangurambaga mu baturage mu kubaka no kongera ubumenyi bw'abaturage bwo gushyira mu bikorwa ingamba zo kwirinda ingaruka zikomoka ku mushinga; kubaka ubushobozi n'ubumenyi bw'abandi bakozi b'umushinga kugira ngo bamenye kandi basobanukirwe inshingano zabo mu kugabanya ingaruka mbi no kurengera uburenganzira bwabo mu gihe cy'ishyirwa mu bikorwa ry'umushinga.
    - Gushyigikira amatsinda ashizwe gushyira mu bikorwa ingamba n'amahame bigamije kubungabunga ibidukikije no kurengera ubuzima bw'abaturage kuri buri cyiciro cy'umushinga no kuri buri gikorwa cy'umushinga.
- Gushyiraho urwego rwigenga ku rwego rw'umushinga rushinzwe gukemura ibibazo n'ibirego birebana n'imicungire y'umushinga,
    - Kugenzura no gukurikirana imitegurire ya GRM, itangazo ryagenewe abaturage, imiyoborere y'imbere mu mushinga, no gukurikirana ahantu hose hakorerwa imirimo y'umushinga.
    - Kuyobora isesengura ryigenga n'uburyo bw'ipererereza ryigenga bishyigikiwe n'abantu ku giti cyabo badafite uruhare mu ishyirwa mu bikorwa ry'umushinga kandi batari mu nzego z'ubucamanza z'u Rwanda.
    - Guhuza GRM ku rwego rw'umushinga n'uburyo bwa GRM busanzweho mu rwego rwa AA, EE n'Ikigega gishinzwe Guteza imbere Ibikorwa bidahumanya ikirere (Green Climate Fund).
- Kuyobora, gukurikirana no gutanga raporo ku iyubahirizwa ry'amahame agenga kubungabunga ibidukikije no kurengera imiberaho myiza n'ubuzima by'abaturage.
    - Gukurikirana ishyirwa mu bikorwa byo kubungabunga ibidukikije no kurengera ubuzima bw'abarutage mu gihe cyose umushinga uzamara.
    - Gutegura uburyo bw'ikurikirana n'igenzurabikorwa ku rwego rw'aho umushinga ukorera kugira ngo abakozi bahabwe amahugurwa ahoraho, uko umushinga ugenda utera imbere.
    - Gukora ku buryo ibikorwa byose byo kwirinda ibyago no kugabanya ingaruka birangwa n'imikorere myiza iboneye igamije kwita ku bagenerwabikorwa abafatanyabikorwa banyuranye, mu butabera, uburinganire n'ubwuzuzanye bw'ibitsina byombi, mu rwego rwo kubahiriza amahame n'amategeko agenga inzego za Leta, n'andi asabwa n'Ikigega gishinzwe guteza imbere imikorere idahumanya ibidukikije (Green Climate Fund, AA na EE).

- Kugira uruhare no gutera inkunga ibisabwa byose mu mitangire ya za raporo zirebana n'amahame n'imikorere bigenga kubungabunga ibidukikije n'ubuzima bw'abaturage.

Amashuri yize n'uburambe ku kazi bisabwa:

- Kuba afite impamyabushobozi y'Icyiciro cya gatatu cya kaminuza cyangwa ubundi bumenyi busa nabwo mu buhanga mu byo kubungabunga ibidukikije cyangwa ubuhanga mu mibereho myiza y'abaturage.
- Kuba afite byibuze uburambe bw'imyaka 5 mu gushyira mu bikorwa no kugenzura ingaruka ku buzima bw'abaturage mu bihugu bikiri mu nzira y'amajyambere (*Global South)*
- Kuba afite ubumenyi buhagije ku mahame, amabwiriza n'imikorere bya Banki y'Isi arebana no kubungabunga ibidukikije ni kurengera ubuzima bw'abaturage;
- Kuba afite ubumenyi n'ubushobozi buhagije bwo gukorana n'abandi no gutumanaho, harimo itumanaho mu nyandiko, gusuzuma inyandiko, ubushobozi bwo gukora imirimo isaba ubwitonzi, ubushishozi no gukorana n'amatsinda anyuranye no kuyabyaza umusaruro abakozi ;
- Kuba afite ubushobozi bwo kubaka no kubungabunga imibanire n'abandi ku kazi bakomoka mu bihugu bitandukanye kandi bafite imico itandukanye, baba abenegihugu cyangwa abakozi n'impuguhe bava mu mahanga;
- Kuba afite ubushobozi bwo kumenya, kwita no kuzirikana ku byihutirwa kurusha ibindi n'imirimo yihutirwa kurusha indi;
- Kuba afite ubushake bwo gukora imirimo ku buryo bwihuse, ihindagurika no kumenya kwita ku bintu byihutirwa bigenda bihindagurika no kubyaza umusaruro amahirwe agenda aboneka;
- Kuba afite imbaraga n'ubushobozi bwo gukora ku buryo bwigenga cyangwa mu matsinda;
- Kuba azi neza kwandika no kuvuga Icyongereza, Ikinyarwanda; kuba avuga kandi yandika Igifaransa byaba ari akarusho.

Uko wasaba aka kazi:

BIZAGANIRWAHO (TBD)