

BYAMBO BICHECHE

Byo banengezhezha kwingijisha baji mu kabungwe ka Local Stakeholder Consultations ("LSCs") babena kwingijila pamo na kabungwe ka

VOLUNTARY CARBON PROJECT ACTIVITIES ("VPAs") IN THE REPUBLIC OF ZAMBIA

Mu mutanchi wa gold standard programme of activities ("POA")

" ECOA_BURN MULTI-COUNTRY CLEAN COOKING PROGRAMME"**Byambo bya Kutendekelapo**

Kipamo kya ECOA Climate Capital (ECC) babena kuyukanyikisha kuba'mba kukekala kusambakana kwa baji mu kabungwe ka Local Stakeholder Consultation ("LSC") mu klo kya Zambia. Kuno kusambakana kwa ba VPAs kubena kutanchikwa na ba GS PoA "ECOA_BURN kuji mu byalo byavula kabiji kubena kukwasha kuwamishako pa kutekela".

Mu kyalo kya Zambia javula bengijisha nkunyi ne malasha pa kuteka. Ino nkunyi ne malasha byo bengijisha pa kuteka bilengela ntanda konaika. Kutema kwa bichi kulengela mufundo wa mu mushiji kuya na mukwe wa mvula, kusoka mushiji, ne byo batela kuba'mba Green House Gas ("GHG"). Kabiji, mwela wakowela (indoor air pollution "IAP") ufuma ku bichi nangwa nkuny ne malasha kimye kyo abena kupya pa mujilo alengela bikola nabiji pneumonia (kikola kya mashika), stroke, bikola bya muchima, *chronic obstructive pulmonary diseases* ne kansa wa ku mapwapwa.

Nkebelo ne bikengila voluntary project activity (VPA)

Kipamo kya ECC mu kwingijila pamo na ba Gold Standard Programme of Activities (PoA) 'ECOA_BURN multi-country Clean Cooking Programme' mu Zambia kibena kutendeka uno mukwekele.

Nkebelo ine ikatampe ya VPA mu kwingijila pamo na ba PoA, ECOA_BURN multi-country Clean Cooking Programme', ke kumona kuba'mba baleta bitofu byawama bulongo (improved cookstoves ("ICS") ku bangikazhi ba mu kyalo kya Zambia. Uno mukwekele wavwangamo ne boba bengijisha bitofu bya ICS kutekela mu mazubo mwakujila bantu bavula nabiji mu mahotela nangwa mu leshitalanti.

Mwela wa Green House Gases (GHGs), amo muji ne mwela wa *carbon dioxide*, ye ufuma mu bitofu na mambo a kuba'mba kechi byonse bipya ne. Mashinda o baingijisha pa kulenga bitofu bya ICS awama mambo malasha onse apya kwakubula kusha mwela wakowela kwesakana na bitofu bikwabo. Ano mashinda awama mambo akepesako nkunyi ne malasha akwingijisha kabiji ne mali atayiwapo pa kupota bino bintu. Kabiji jino jishinda jakepesako ne mwela wakowela ao onauna ne bintu bikwabo biju mu ntanda.

Aba bonse bengijisha bitofu bya ICS, balondela nsambu yapewa na kipamo kitala pa mwela wakowela ufuma ku malasha ne nkunyi kya ECC kabiji bo bapewa luusa ku kpamo kya Coordinating and Managing Entity of the PoA and the VPA Project Developer.

Bitofu bya ICSs bakebipotesanga na mali ku bangikazhi.

Mapunzha ne Bantu Bafwainwa Kwikala na Bino Bitofu

Bantu bafwainwa kwikala na bino bitofu ke mu taunyi, ne mu mizhi kabiji ne bantu bengijisha bitofu bikwabotu. Aba bakyangye kwingijishapo uno mutundu wa bitofu nabo bakonsha kupotako bino bitofu bya ICS. Kano kabungwe ka VPA kengjila mu taunyi, ne mu mizhi yonse ikaji mwalepa mu bijiji 28 mu kyalo kya Zambia.

Mitundu ya Bitofu

Bano ba VPA baji na mitundu yapusanapusana ya bitofu bya ICS. Bitofu bya ICS biju mu mitundu yapusana pusana kwesakana na mashinda o bengijisha kutekelamo ku yoyo mpunzha pa kuba'mba inge kwaikala kutumpuluka kwa bintu nabo kechi bakonsha kushajila mu bitofu bya kala ne bino saka kuji ne byakatataka. Kabiji bano ba VPA bakonsha ne kuleta bitofu bya mutundu mukwabo kwesakana na bitofu byakatatakabyo babena kulenga.



KITOFU KYA MALASHA



KITOFU KYA NKUNYI

BIJI BITOFU		
KUBAYA KWA KITOFU	KUBAYA KWA KITOFU	KUBAYA KWA KITOFU
Bulume bwa Kwingila	53.7%	71.3%
Kifiko kya Bulume bwa Kutekela (kW)	1.228kW	0.956kW
PM2.5 pa bulume bwa malaichi yapangwa ne kwingijishiwa (mg/MJd)	210.2 mg/MJd	38.16 mg/MJd
CO pa bulume bwa malaichi yapangwa (mg/MJd)	5.50 g/MJd	3.78 g/MJd
Kipimo kya luzhikijilo	97.5%	90%

Biji Mutanchi Yense

- Kutendeka mu nondo wa Mulombola mu mwaka wa 2025, bino bitofu bikasampana mu mapunzha apusana pusana. Twaketekela kuba'mba pa kikye kimye tukasampanya bitofu bya mutundu wa ICSs byafika ku kibelengelo kya 65,000.
- Kukekala kusambakana kutelwa mba Local Stakeholder Consultations (LSC) mu mapunzha ne moba apusana pusana asatu mu kyalo kya Zambia.

Mpunzha Itanshi: Lusaka Zambia

Juba: 22nd April 2025

Kifulo: Mika Hotel, Lusaka

Mpunzha ya Bubiji: Mongu Zambia

Juba: 24th April 2025

Kifulo: La pantera lodge

Mpunzha ya Busatu: Solwezi Zambia

Juba: 29th April 2025

Mo kyawamina kwikala na bino bitofu

Kukepeshako kwa bwishi [Greenhouse gas (GHG)] pa kwingijisha mutundu wa bitofu kwalengela ne bintu bilwa kwikala bulongo kwesakana na mizhilo yo balondela.

Mali afuma mu uno mutundu wa busulu akwasha bino bintu

- kusampanya butofu byawama bulongo pa mutengo waesakana.
- kubaisha buno Busulu pakuba'mba bwampane mu mapunzha avula.
- kuvuzha inkito;
- kwikala na mali avula pakuba'mba busulu bukome ne kulenga bitofu bikwabo byawama bulongo kabiji byalumbuluka pa mutengo ucheche;
- kwikala na bantu bakulungishisha bitofu inge bantu bapota .
- kufunjisha bantu pa buwame bwa kwingijisha bino bitofu byalumbuluka.

Byo Byakwatankana na Bikonkwanyi bya Bukomo bwa Ntanda Yonse nangwa Sustainable Development Goals (SDGs)



Kunungapo pa kukepesha bwishi bwa GHG kwesakana na byaamba muzhilo utelwa'mba United Nations Sustainable Development Goal (SDG) wa nambala 13 pa 'Climate Action'¹, uno mukwekele ukalengela bisemi byavuka kumwenamo kabiji ne kukepesha mwela watama onauna ntanda. Mingilo ikafuma mu uno mukwekele mu kwingijila pamo na PoA ikalenga Bikonkwanyi bya Bukomo bya Ntanda Yonse nangwa Sustainable Development Goals (SDGs) kwingila bulongo ne kukwasha kwibifikizha mu mashinda alondelapo:

¹ <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

1. Kukepesha mali akupota nangwa o bataya pa nkunyi ne malasha bya kutekela. Mali o bapota malasha nangwa nkunyi akonsha kwingila ku bintu bikwabo bya pa nzubo. Inge kyaikala bino, bantu bakakonsha kwikala na mali a kwingijisha ku bintu bikwabo. **(kwesakana na SDGs nambala1 'Kafwako Buyanji)**
2. Kukepesha bwishi mu mazubo a bantu kukalenga kukepeshako bikola biya na mambo a bwishi nabiji mutwe, menso, kikatakata ku bainetu ne banyike bekala kimye kyabaya na kuteka **(kwesakana na SDG nambala 3 'Bumi bwawama ne bwikalo bwawama).**
3. Byalengwa bino bitofu bilengela bintu byo mubena kuteka kupya bukiji kabiji kino kilengela nkunyi nangwa malasha kubula kwenda bukiji. Kino kilengella babena kuteka kikatakata bainetu ne banyike babakazhi kwikala na kimye kya kuba bintu bikwabo mambo byo babena kuteka bipya bukiji **(kwesakana na SDG nambala '5 'Kwesakana kwa Banabalume ne Banabakazhi).**
4. Uno mukwekele waba VPA ukalengela bantu kwikala na ntekelo yawama bulongo kabiji yakatataka ne mashinda awama bulongo a kutekelelamo **(kwesakana na SDG 7 'Malaichi Yakepa Mutengo kabiji Ytoka)**
5. Bantu bakapoteshanga bino bitofu ne boba bakapitangamo kumona byo bibena kwingila bakebafunjisha bya kwingijisha bino bitofu byakatataka bibula kwingijisha nkunyi nangwa malasha avula kabiji bibula kufumya bwishi bonauna ntanda **(kwesakana na SDG 4 'Masukulu Awama Bulongo').**
6. Uno mukwekele wa VPA ukalengela bantu bavula kutwela makito a kupotesha, kulenga bitofu, kabiji ne kukwashatu kuwamisha bitofu bya bantu bapota mu mapunzha apusana pusana **(kwesakana SDG 8 Mingilo Yalumbuluka ku Bantu Bonse)**
7. Byo kiji kuba'mba bino bitofu kechi bingijisha nkunyi nangwa malasha avula ne bino bikalengela bantu kubula kutema bichi byavula alo lwaikala ke lukatazho lukatampe mu Africa **(kwesakana na SDG 15 SDG 15 'Bantu ne Mushiji')**

Mizhilo ya Kwizhikijila

Ba VPAs balondela mizhilo ya ba GS Safeguarding Principle and Requirement pa kuba'mba bamone amba mingilo yo babena kwingila kechi ibena kupusana na mizhilo ya kyalo mo babena kwingijila ne, kikatakata yaamba pa bya kwingijisha nkunyi nangwa malasha pa kuteka.

Bino byalondelapo bibena kumwesha mizhilo ilondelwa pa kunengezha ino mingilo:

Mizhilo

- Muzhilo 1: Luusa Iwa Bantu:** Kuno kupotesha kwa bino bitofu nangwa mingilo ingila ba PoA nangwa ba VPAs, kechi yalala mizhilo iji yonse ne nangwa luusa Iwa baantu nangwa mizhilo yanembwa mu buku wa mizhilo wa Safeguarding Principles (version 2.1) wa kipamo kya Gold Standard for Global Goals. Aba bonse baji mu Local Stakeholder Consultation (LSC), kabiji ne ba CME bakamona kuba'mba bonse bo babena kwisamba nabo babena kulondela mizhilo ne mikambizho ya kyalo kabiji ne mizhilo yaamba pa luusa Iwa bantu kuba'mba ibena kulondelwa bulongo.
- Muzhilo 2: Kwesakana kwa Banabalume ne Banabakazhi ne Kutundaika Bainetu mu bya Bukomo:** Kwingijisha bino bitofu byawama bulongo kukalengela kukepeshako kwingijisha nkunyi ne malasha avula kabiji kino kikalengela kunemeka luusa luji ne bainetu. Bantu bakamwenamo mu uno mutanchi, kwesakana ne ku mpunzha ko baji bonse bwafwainwa kulondela byatanchikwa mu LSC ne SDG 5 byonka byo biji mu PoA Design.
- Muzhilo 3: Kwizhikijila ne Bumi bwa Bantu:** Ba VPA bamona kuba'mba bantu bo babena kwingila nabo mu nyaunda bazhikijilwa bulongo. Ba CME nabo bakamona kuba'mba bonse ba VPA (kwingijila pamo ne ba LSCs ne Design Documentation) balumbulwila bonse bo babena kwingila nabo mizhilo yaamba pa kwizhikijila ne pa bumi kabiji babena kulondela ino mizhilo monka mwayila ngingijilo ya ba VPA.
- Muzhilo 4: Bisho, Bangikazhi, Kuviluka ne Mizhi Yakatataka:**

Ba VPA bafwainwa kumona kuba'mba byo babena kubika bitofu mu mazubo kechi bafwainwa konauna pa kubika bino bitofu pa mazubo po balamina bya bya kisho ne. Bano ba CME baji na mutembo wa kumona amba bonse ba VPAs balondela uno muzhilo ne kubula bonse kulondela uno muzhilo wa kubula konauna mazubo mo balamina bya kisho kimye kyo babena kubika bino bitofu:

- Kechi bafwainwa kupimpula ne, konauna, nangwa kufumyamo bintu biji byonse

ne, mu nzubo mo balamina bya kisho ne

- Pa kuviluka nangwa pa musokolwe
- Mizhilo yaamba pa mapunzha pekala bantu ne mizhilotu ikwabo
- Luusa lwa bangikazhi
- **Muzhilo 5: Mazhikakanwa:** Baji mu CME bafwainwa kumona kuba'mba bonse ba VPAs bafwainwa kulumbulwila bantu kuba'mba mazhikakanwa ne byubilo bikwabo bya uno mutundu kechi byafwainwa kwikala na bantu babena kwingila na ba VPA ne nangwa na ba PoA ne.
- **Muzhilo 6: Mizhilo Yaamba pa bya Busulu:** Ba CME kechi bakaswisha nangwa muntu umo uji mu VPAs wingijisha mashinda abula kufwainwa ao abula mu mizhilo ya kyalo yaamba bya nkito ne. Yense uji mu VPA wafwainwa kumona kuba'mba ubena kulondela mizhilo kwesakana na byo yanembwa mu mu Muzhilo 6 mu mizhilo ya Gold Standard Safeguarding Principles Requirements.

Mizhilo Yaamba pa Kuzhikijila Ntanda ne bya Mweo Bijimo

Muzhilo 7: Ntanda ne byo Twingijisha pa Kuteka

- **Bwishi:** Uno mukwekele waimena pa kukepesha bwishi bwa GHG bufuma mu mazubo kuya na konauna jiulu pa myaka kukila pa 20 years (PoA duration). Kwingijisha bino bitofu kukakepeshako mwela wa CO2 uya na konauna jiulu.
- **Byo Twingijisha pa Kuteka:** Nkebelo ya uno mukwekele ke kuleta bitofu bibula kwingijisha nkunyi nangwa malasha avula pa kuteka. Nkunyi nangwa malasha engijisha bino bitofu akepako kwesakana na mitundu ikwabo ya bitofu nangwa mababula akwabo.

Muzhilo 8: Mema

- **Mikola ne Bizhiba bya Mema:** Uno mukwekele kechi ukonauna mikola nangwa bizhiba bya mema aji mu mpunzha ne. Kechi kukekalapo kwingijisha mema atoma bantu ne mu uno mukwekele.
- **Kuya kwa Mushiji na Mema:** Bino bitofu kechi bingijisha nkunyi nangwa malasha avula ne onkao mambo kechi kukekala kutema bichi byavula bya kwingijisha ku bino bitofu ne. Ko kuba'mba kuya kwa mushiji na mukwe wa mvula kukakepa mambo bichi byavula kechi kukekala kwibitema ne. Kino kikalengela ne mema kubula kuuma.

Muzhilo 9: Ntanda, Bya Mweo ne Kwingijisha Mushiji

- **Kujima Bijimwa:** Mu uno mukwekele kechi kukekalapo kujima bijimwa biji byonse ne.
- **Bya Malwa Biponako:** Uno mukwekele kechi ukaletako bya malwa nangwa binkunka biji byonse ne. Uno mwingilo yense kechi ukapimpula biji byonse mu mpunzha ne. Kabiji kechi ukonauna bintu bikwabo byalengwa kala biji mu yoyo mpunzha ne.
- **Kajo Kalengwa na Basayansi:** Mu uno mukwekele kechi mukekala kajo kalengwa na basayansi (GMOs).
- **Konauna kwa Ntanda:** Na mambo a uno mwingilo kechi kukekala konauna bichi byavula ne kabiji kechi kukekala bya kusokasoka ne, onkao mambo kafwako bwishi bwakonauna bya mu ntanda ne.
- **Biswaswa Bifwana ne Bibula Kufwana:** Mu uno mwingilo yense wa kulenga bitofu, bakengijisha bantu balondela mizhilo pa bya kuzhikijila ntanda onkao mambo kechi kukekala biswaswa bifwana nangwa bibula kufwana. Mu uno mukwekele kechi bakengijishapo bintu byakonsha kuleta lukatazho ku bantu ne.
- **Muchi wa Kwipaya Tulongolo ne Mufundo:** Mu uno mukwekele kechi bakengijishapo muchi wa kwipaya tulongolo ne mufundo wa mu mushiji ne.
- **Kutema kwa Bichi:** Mu uno mukwekele kechi kukekala kutema bichi byavula ne. Kuba bino kukalengela bichi byavula kukoma kwa kubula kwibitema ne.
- **Kajo:** Mu uno mukwekele kechi kukekala kujima kajo ne nangwa kuleta kajo kakwabo ne.
- **Kulama Banyama:** Mu uno mukwekele kechi mwavwangwa kulama banyama ne.
- **Mapunzha o Balamawizha Bulongo:** Bonse baji mu VPA bafwainwa kulondela mizhilo ya kyalo yaamba pa ma mpunzha o balamawizha bulongo.
- **Banyama Babena Kuzhiya:** Baji mu VPA kechi bafwainwa kukatazha mo balamina banyama babena kukeba kuzhiya ne mambo abo bengilatu na bantu kwapwa.
- **Kuleta banyama babula ku mpunzha:** Mu uno mukwekele kechi kukekala kuleta banyama babula mu yoyo mpunzha ne.