

Mazingira Bora

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tist Growing Trees
Growing Leaders

Newsletter December 2023

1. We are Honest
2. We are Accurate
3. We are Transparent
4. We are Servant to each other
5. We are Mutually Accountable to each other

www.tist.org

English Version

TIST is an innovative, time - tested, afforestation program led by the participants.



Mwea TIST Cluster meeting held on 22/11/2023.

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TIST: We Regret Slow Process in Small Groups Payment .

We, in TIST Kenya Leadership council, deeply regret the slow process in paying the Small Groups. We have noted some of the things that are causing this problem, and have discussed some of the ideas to help accelerate the process.

Our desire is to pay the Small Groups qualifying for the profit share quickly and to the right people. In this Newsletter, we have discussed some of the measures we are going to implement, the help we need from your Small Groups and sharing some of the areas that require your help.

Good News! Small Groups Receiving Profit Share have a choice to be paid through Mpesa or Bank Transfer.

We have good news! Small Groups now have a choice to receive their payments either through the Mpesa or Bank transfer. We now remind Small Groups to make sure they meet as a Small Group, discuss their voucher and carefully select their Mpesa

custodian or Bank Signatories. Further, the Small Groups are encouraged to provide accurate information when presenting their voucher for payments. It is important to make sure payments go to the right people. This means, payments should go to the people who have worked hard in your Small Group.



TIST: Please lend us your help so we may pay your Small Group as soon as possible.

TIST Leadership council has listened to many complaints that are coming from Small Groups regarding their profit share payments.

As mentioned above, it's our commitment to pay qualifying Small Groups quickly and effectively. We are working hard to ensure these Groups get their payments soon.

We have another category of Small Groups that have missing information that is preventing us from paying them. Some other Small Groups have various inaccuracies that need to be fixed for us to pay them.

The Leadership and Cluster Servants are working on a letter that will go to every Small Group that has missing information or inaccuracies. These Letters will be seeking help from such Small Groups, and once we have received their complete and accurate feedback, we will pay them quickly.

In the table below, we discuss some of the key missing information and inaccuracies and how they need to be corrected. Your Small Group will be receiving a letter with specific details of information needed.

Missing information / Inaccuracies	What your Small Group need to do in order to help us
1. Wrong tree Count	Your Small Group will need to count again all your Groves trees with help of your Cluster Servant in order to get accurate data
2. Counting of None TIST Trees	If your Cluster Servant counted trees that are not allowed such as Baseline trees, shrubs/bushes, Eucalyptus trees (planted after 2012), or any other non-permissible trees such as coffee, miraa etc. Please work with your Cluster Servant to correct these kind of errors
3. Incomplete Baseline Information	<p>Complete, accurate Baseline information is important in carbon business. It tells how your Tree Grove looked like before our started Planting trees with TIST.</p> <p>When it is incomplete or inaccurate, it makes it difficult to sell carbon tonnes.</p> <p>The letter will detail each of your Groves. Your Cluster Servant will help you correct this information</p>



<p>4. Missing GhG Contract</p>	<p>GhG contract is an agreement between Clean Air Action Corporation (CAAC) and your Small Group on sale of carbon credits. This agreement need to be properly signed by all members of your Small Group on one hand, and a representative of CAAC on the other hand. Further, your contract need to be uploaded in TIST website. When it is missing, it shows that your Small Group has no agreement with CAAC to sell your carbon credits.</p> <p>Your Cluster Servant will help you in fixing this.</p>
<p>5. Incomplete or Inaccurate Grove Boundary</p>	<p>Grove boundary is also known as Grove Track. For every Grove to be eligible for carbon, the Grove boundary/ track need to be exact, complete and accurate.</p> <p>Your Cluster Servant will help you fix this.</p>
<p>6. Tree loss</p>	<p>The carbon market requires trees to be kept alive for long term. Once the carbon buyer decides to buy your Small Group carbon tonnes, they want to be assured those tonnes will not be lost through harvesting.</p> <p>Most groups register tree loss because of harvesting their trees. When this happens, carbon buyers worry lose trust with us and might stop buying tonnes from TIST.</p> <p>It is important to note, once we sell carbon tonnes to the buyer, we guarantee them that trees that sequestered those tonnes will remain active for long-term. If we lose those tonnes, TIST must compensate with equivalent tonnes. So if a farmer cuts down his trees, other farmers will have to compensate those lost tonnes.</p>
<p>7. Grove Loss</p>	<p>Sometimes, farmers refuse their trees to be quantified for whatever reason. When such Groves are dropped, trees and tonnes in their groups also drop. This results to loss of tonnes.</p> <p>In other instances, technical or quantifiers problem cause a Grove to be dropped.</p> <p>If your Small Group find any of your Groves missing, you will need to write a letter back to Leadership Council to request your Groves to be restored.</p>



TIST: What our carbon tonnes buyers are looking for.

TIST helps farmers participate in the carbon credit business. Farmers receive a 70% share of profits from the sales. Profits are created through participating in the carbon business, which involves planting trees and keeping them alive for long term.

Our carbon buyers are becoming more interested with TIST Tonnes. They are impressed by additional work we do to help communities, climate, biodiversity and entire planet. By having women involved as decision makers at all of TIST's activities, buyers know that TIST has the advantage of all of the farmers, not just the men.

TIST Groves with variety of indigenous trees help improve biodiversity. Most buyers are today interested with tonnes created from indigenous trees groves. Some of other buyers are interested with fruits and nuts tree groves. They recognize that fruit and nuts trees also help add more income to families as well as improve nutrition.

Many of the buyers like the way TIST conducts its Small Groups and Cluster Meetings. They appreciate that these meetings give a chance to participants to decide on things that are important and

beneficial to them. In addition, TIST meetings offer a chance to grow leaders, nurture gifts and talents.

Buyers who are concerned with food security are impressed by those farmers who practice conservation farming and compost manure.

Other activities that interest Buyers include those Farmers who keep bees, do agroforestry, protect their soil, plant trees for fodder, prune their trees for firewood, have energy saving jikos among other Best Practices.

On the other hand, buyers are resisting to buy carbon tonnes from trees that harm environment such eucalyptus; invasive trees such as wattle trees; and trees planted as monoculture. They are also concerned with trees that are at the risk of being harvested such as pines, cyprus etc.

As TIST Farmers, we need to respond to the needs of our buyers in order to keep our carbon business going. Carbon Buyers have so many options and if we fail to meet their expectations, they will move to the next carbon project/program.



The Rains Have Come – Time to Plant Many More Trees.

Preparing seedlings for transplanting (Hardening Off)

Now that the rains have come, seedlings need to be planted out. It is important this month to make sure that seedlings will be ready to be moved from the nursery and planted in the field.

Seedlings first need to be prepared for the harsher conditions of the field. If seedlings have been properly looked after in a nursery, they may have received more water and shade than they will have once they have been planted. Gradually reduce the watering and expose the seedlings to full sunlight to make this transition successful.

Characteristics of good seedlings

As a general guide (remember different species have different characteristics) good seedling for planting out have the following characteristics:

- The shoot should be twice the length of the roots or the pot.
- The stem should be strong and woody.
- The seedlings should have many thin roots in addition to the main roots.
- Many seedlings will achieve these characteristics two months after germinating.

Transplanting

- Transport the seedlings in an upright position.

- Mark out a circle with a diameter of 30cm in the field.
- Remove the topsoil and place in a pile.
- Remove the next soil layer to a depth of 30cm and place in a separate pile.
- Put in a 5cm layer of grass (dry grass in rainy season, fresh grass in dry season, called mulching). Some groups add manure as well.
- Remove the seedling from the polythene bag. Do not break the earth-balls around the roots.
- Place the seedling in the hole.
- Replace the topsoil first, then the second soil layer.
- Some groups do not fill the hole completely, but leave a gap of a few cm. This helps the rainwater enter the hole and infiltrate the soil.
- This can be especially helpful in dry areas.
- Any remaining soil can be placed in a mound on the downhill side of the seedling. This will help trap any rainwater and divert it into the hole.
- Water the seedling.

Also remember that to give your seedling the best chance of survival, you should plant them 3m - 4m apart. If you plant them closer together then the seedlings will not get all the water and soil nutrients, they need because there is much competition. They will become weak and may die so follow the best practice of a spacing of 2.5 - 3m.

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Kimereu Version

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Mkutano wa TIST Cluster ya Mwea uliofanyika tarehe 22/11/2023.

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TIST: Nitukuomba butukiriirie niuntu bwa urihi wa ikundi uria witite mpaara muno.

Batwi ndeene ya utongerira wa TIST Kenya, nitukuomba butukiroorie niuntu bwa urihi ikundi buria bwitiite mpaara muno.

Nitumbite kumenya mantu jamwe jaria jagutuma marihi jeeta mpaara na kureta thina iji, na nitumbite kujaariria na kugwata njira jia kuumbithia gwithithia marihi na mpui.

Wendi bwetu ni kuriha ikundi cionthe iria ikinyaniritie mantu jaria jendekaga kiri kugaa baita na mpui na kiri amemba bari bo eene.

Kiri ngathiti iji, nitwariritie mantu jaria tukathithia, utethio buria tukwenda kuuma kiri gikundi giaku na mantu jaria gikundi kiumba gutetheria.

Mageni ja Mathongi! Ikundi iria ikugwata baita ya kaboni bari na bwa kuthuura kuriwa na mpesa kana na bengi.

Turi na mageni ja mathongi! Ikundi nandi iri na untu bwa kuthura kugwata marihi na njira ya mpesa kana njira ya bengi.

Nandi ni tukuririkania ikundi i nini gutigiira nibagucevania, baririe vocha yao na bathuurw bweega uria agekirwa mbeba kiri thimu yawe kana amemba bathatu baria bagaitaga mbeba kiri bengi. Nkuruki, Ikundi i

nini nonkinya baejane mantu ja uuma bungwa riria bagwilia vocha yao kagita ka marihi.

Ni untu bwa gitumi muno gutigiira mbeba ni igwita kiri amemba bongwa. Guku ni kuuga, marihi jaja nonkinya jeete kiri amemba baria baritite ngugi na inya muno ndeene ya gikundi.



TIST: Nitukuromba utethio wenu nikenda tuumba kuriha ikundi inini mbeca na mpui.

Atongeria ba TIST Leadership council nibathikiritie mathina jaria ikundi igukurukira jegie marihi ja baita ya kaboni.

O ja uria tugwetete au kabere,ni kwiritaniria gwetu kuriha ikundi iria ikinyaniritie mantu jaria jendekega na mpui uria kumbika na njira injega. Nitugwita ngugi na inya gutigiira ikundi iji ni ikugwata mbeca na mpui.

Turi na ikundi ingi iri na mantu jatijurotue jonthe jaria jakugiririria boomba kuriwa. Ikundi ingi nacio ngugi yao itiriti bwega na nonkinya iritwe bweega nikenda boomba kugwata marihi.

Atongeria ba TIST na clasta servants ni bagita ngugi ya kuthondeka baruga iria igeeta kiri gakundi kanini konthe karia kari na mantu jatigi jakwenda kwijurua kana kuthithirua karitwe makosa. Baruga iji ikethirua ikiromba utethio kuuma kiri ikundi ja iji, na riria tukagwata baruga iji irikiritue ngugi injega na ya uuma, tukoomba turiha na mpui.

Aja nthiguru, nitukwariria mantu ja gitumi muno jaria jatigi kana jatikiiri bweega na uria joomba kuthondekwa. Gakundi gaku, gakagwata baruga iria iri na mantu jaja jongwa jaria jakwendeka.

Mantu jaria jaurite/ Jaria jari na thina	Uria gakundi kanini kabwiri kuthithia nikenda gatutethie
1. Utari miti buri na urongo	Gakundi gaku kanini nonkinya gatara miti ringi o kiri muunda kagitethagiirua ni clasta servant nikenda miti iria yongwa imenyeka.
2. Gutara miti iria itibwiri gutarwa iri ya TIST	Kethira clasta servant niatarire miti iria itibataritue gutarua jayo miti ya baseline,shrubs kana ithaka,mibau mauta (iria ya aandi nyuma ya 2012) kana miti ingi ja kauga, miraa na ingi. Tigiira ukuritithania ngugi na clasta servant kuthiria thina iji.
3. Mantu jegie baseline jaria jatigi	<p>Ujuriria mantu ja uuma jegie baseline niuntu nija gitumi muno ndeene ya biashara ya kaboni. Mantu jaja,nijaugaga uria muunda jwaku jwakari mbeere uthungira ndeene ya TIST.</p> <p>Riria mantu jaja jatiujuriritue jonthe kana jatiikiri bweega, nijatumaga wendia bwa kaboni jukaremeera.</p> <p>Baruga iji ikoomba kubumenyithia mantu nkuruki o kiri muunda. Clasta servant agagutethia kuujuria mantu jaja.</p>



<p>4. Kuura kwa GHG contract</p>	<p>GHG contract ni kiriko gatigati ga Clean Air Action Corporation (CAAC) na gakundi kanini kiegie wendia wa kaboni credit. Kiriko giki nonkinya gicainue bweega ni amemba boonthe ba gikundi mwena wa arimi na murungamiiri ungi wa mwena wa CAAC.</p> <p>Nkuruki, contract iji nonkinya utumwe kiri website ya TIST. Riria itikuoneka, nikuuga ati gakundi gaku kanini gatina kiriko na CAAC gia kwenderua kaboni credits.</p> <p>Clasta servant waku akagutetheria kuthondeka thina iji.</p>
<p>5. Ujukia wa Mukumbu jwa muunda jutirikitue kana jutithithitue aria ongwa juri</p>	<p>Mukumbu jwa muunda ni ju twitaga grove track. Muunda o junthe kuumba kwendia kaboni, mukumbu jwa muunda/track nonkinya ju jukue bweega na muundene jungwa na njira ya uuma.</p> <p>Clasta servant waku akagutethia kuthondeka thina iji.</p>
<p>6. Kuura kwa miti</p>	<p>Thoko ya kaboni yendaga miti ikwe gwa kagita karaja. Riria muguri wa kaboni agura kaboni ya gikundi, nibendaga kumenya na uuma ati tani iji itituika cia kuura na njira ya miti iji gukethwa.</p> <p>Ikundi inyingi ni ikwonania ikinyihia miti na njira iji ya guketha miti. Riria untu bubu bwathithika, aguri ba kaboni nibamakaga na no batige kugura tani cia TIST.</p> <p>Ni untu bwa bata muno kumenya, Riria twendia tani cia kaboni kiri muguri, nituboonagia ati miti iria irethiranitie tani iji igekara gwa kagita karaja. Tukeja guta tani iji, TIST nonkinya icokie oja cio. Kwogu murimi akeja gutema miti yawe, arimi bangi nonkinya bagacokia tani iria ciomba kuura.</p>
<p>7. Kuura kwa muunda jwa TIST (grove)</p>	<p>Rimwe, arimi nibaregaga miti yao itarwa niuntu bwa itumi o cionthe. Riria miunda ja iji yaritua kiri muradi, miti na tani cia kaboni ya gikundi nika inyihaga. Guku kureta kuura kwa tani.</p> <p>Na ringi, mantu jegie mitandao kana atari miti boomba gutuma muunda jukaura.</p> <p>Kethira gakundi gaku gakwona muunda o junthe jukiura, nonkinya bukaandika baruga kiri atongereria ba council kuomba muunda juju jucokue.</p>



TIST: Nimbi aguri ba kaboni baraithaga.

TIST nitethagia arimi kwithirua bari kiri biacara ya kaboni credit. Arimi bagwata gicunji gia 70% kia baita kuumania na wendia. Baita ithondekagwa na njira ya kurita ngugi ndeene ya biacara ya kaboni, ngugi iji ni ya kuanda miti na gwika miti iji muoyo gwa kagita karaja.

Aguri beetu ba kaboni nibagwita mbere kwenda tani cia TIST. Bari na kugwirua niuntu bwa ngugi nkuruki iria TIST igwita gutetheria community, ugaruruku bwa riera, jaria jatuthiurukite na nthiguru yonthe. Kwithirwa turi na ekuru bagiita ngugi na TIST na nkinya kiri utongeria kiri ngugi cionthe cia TIST, aguri niboona ati TIST iri na kaanya ga keega kiri arimi boonthe na ti antu arume aki.

Miunda ya TIST iria iri na mithemba imingi ya miti ya kinduire nitethagiria muno kiri jaria jatuthiukite. Aguri baingi narua iji bendaga kugura tani cia miunda ya miti ya kinduire. Aguri bangi nabo bendaga kugura tani iria jiumite kiri miunda ya miti ya matunda na makandamia. Nibamenyaga ati miti ya matunda na makandamia nitethagia kwongerera mbecha kiri micii na nkinya kuthondeka miriire imiega.

Aguri baingi nibakenagiira uria TIST ithithagia micemanio ya tukundi tunini na nkinya micemanio ya clasta. Nibakenagiira ati micemanio iji arimi niboona kaanya ga kuthondeka matua ja mantu jaria jari na

gitumi miturireene yao. Na ringi, micemanio ya TIST niejanaga kaanya ka gukuria atongeria, kumenya mainya ma o muntu na gukuria iewa.

Aguri baria beendaga mantu jegie kuona gia kuria nabakenagiira muno arimi baria bathithagia Urimi bubwega CF na kuthithia mboleo ya mati.

Mantu jangi jaria jakenagia aguri ni arimi baria barithagia njuki, baandaga miti amwe na kurima, bamenyagiira muthetu jutigeete na nduuji, baandaga miti ya iria ria ndithia, arimi baria bacaaga miti yao niuntu bwa nkuu, arimi baria bari na mariko ja kumenyeera nku na jangi ja maingi.

Na mwena ungi, aguri nibakurga kugura kaboni ya miti iria ikuthukia riera ja mibau, miti ja mithanduku iria imera yongwa itibangitue na miti ingi iria iandi yonka na itigwitania na imera. Bari na nkinya kwenda kumenyeera kugura kuuma kiri miti iria iri na ugwati wa gukethwa ja pines na mitarakwa.

Ja arimi ba TIST, nonkinya twitanie na mendikithia ja aguri beetu nikenda tuumba gwitithia mbere biacara yeetu ya kaboni. Aguri ba kaboni bari na njira jiingi inyingi jia kugwata kaboni credit na tukaremwa gwitania na mendikithia jao nonka bageeta kiri miradi ingi ya kaboni.



Mbura ikwija- Ni igita ria kuanda miti ingi imingi.

Kuthuranira miti iria iumithitue ithamua ita muundene (Kumithithia uria ikomba kuumiria muundene)

Nandi niuntu mbura ikwija, miti iria iumithitue nigwii kuandwa ome ya munanda. Burina bata mweri juju kumenyeera ati miti iu yaku iri tayari kuthamua kuuma munandene iandwa muundene. Miti iji iumithitue mbele nikwenda kuthuranirwa niuntu bwa mantu jamomu nkuruki naria muundene. Kethira miti nithiritwe ikimenyirwa bwega munandene, no ithirwe ikiiri ruuji na kirundu gikingi nkuruki ya kiria kiri muundene yarikia kuandwa. Mpari mpari nyiyia ruuji ruria ukumikiira na umirugurire riu rionthe nikenda yumba gukara bwega yathama.

Miti ya kuanda iria miega ithagirwa irina jaja

Ta njira ya kawaida (ukirikanaga mithemba mwanya irina mantu mwanya) miti imiega ya kuanda niithagirwa irina jaja:

- Gitina kiria kiumirite kithirwe kiri na uraja bwa miri kana mubuko jairi
- Gitina kithirwe kirina inya na kiri gikiumu
- Miti ithirwe irina miri imiceke imingi na imwe iminene
- Miti iria mingi nikinyithagia mantu jaja na igita ria mieri iiri yarikia kuuma

Kuthamiria miti muundene

- Kamata miti irungi
- Maka kithiururi kiri na warie bwa

30cm muundene kana aria ukwenda kuanda

- Rita muthetu jwa iguru na urikire amwe
- Rita muthetu jou jungi mwanka 30cm kwina na urikire muthetu juju angu.
- Ikira nyaki centimeter ithano (nyaki imbumu riria gukuura, nyaki itiumi igitene ria uumu)
- Rita muti mubukone. Ukagwithia muthetu jou jugwatene na miri.
- Ikira muti kirinyene
- Cokia muthetu jwa iguru mbele, riu jou jungi jwa iiri
- Ikundi bimwe bituujuragia kirinya buru, indi nibatigaga kanya ga cm inkai. Bubu nibutethagia ruuji rwa mbuura gutonya kirinyene na kwou gutonya muthetune. Bubu nobutethie mono mono naria kuri gukuumu
- Muthetu jungi juria jumba kwithirwa jutigere nijwikagwa na kibango bwagaiti ya muti. Juju nijugwatagia ruuji rwa mbuura na jukarutongeria gutonya kirinyene
- Ikira muti ruuji.

Ririkana kinya ati nikenda ua muti kanya gakanene ga gukura nuubati kuanda utarenie meter ithatu gwita inya. Waanda ikwianiritie nkuruki miti itikinyirwa ni ruuji na irio biria ikwenda nontu kwina gushindana gukwingi. Ikaaga inya na no ikue, kwou thingata mwitire jumwega buru jwa gutarania na meter ijiri na nusu gwita ithatu.

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Kikuyu Version

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Mucemanio wa TIST Cluster ya Mwea uria wahanikire mweri 22/11/2023.

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TIST: Ni turahoya urekeri niundu wa gwika maundu kahora kuriha ngurubu nini.

Thui, turi council a atongoria a TIST Kenya, ni turahoya urekeri niundu wa gwika maundu kahora ma kuriha ngurubu nini. Ni tumenyete maundu maria mararehe thina uyu, na ni tumaririirie na tukagia na kihonia gia gwika maundu maya naihenya.

Wendi witu ni kuriha ngurubu nini iria cihitukitio kugia na faida ya share kurihwo na ihenya ota uria kwahoteka na kuri mundu uria wagiriire kurihwo. Ngathiti-ini ino, ni twaririirie mibango iria tukurumirira, uteithio uria tungibatara kuma ngurubu yanyu nini na kugayana maundu maria mangituteithia.

Ndeto njega! Ngurubu nini kwamukira faida cia share na gwitikira kurihwo thiini wa Mpesa kana bengi.

Turi na uhoro mwega! Ngurubu nini riu mari na gwithurira uhoro wa marihi mao kana no marihwo na Mpesa kana bengi.

Hamwe na uguo, ngurubu nini ni marorio kuheana uhoro uria uri wa ma riria maraneana voucher cio cihwo.

Riu ni turaririkania ngurubu nini gwitikira gucemia ta ngurubu nini, kwaririria voucher ciao na guthura kana gukuhuthirwo muigi wa Mpesa kana arugamiriri a bengi.

Ni wega kumenya ati marihi mathii kuri andu aria magiriire kwamukira. Uguo ni kuga, marihi mabatie guthii kuri andu aria marutite wira na hinya ngurubu-ini cianyu nini.



TIST: Twamuthaitha tuteithie niguu tuhote kuriha ngurubu cianyu nini oro naihenya ta uria kwahoteka.

Council ya atongoria a TIST ni mathikiriirie mateta maria mareyumiria kuma kuri ngurubu nini ciigie marihi ma faida cia share.

Ta uria twauga hau iguru, ni wendi witu kuriha ngurubu nini iria cihitukite na ihenya ta uria kwahoteka. Ni turaruta wira niguu ngurubu ici ciamukire marihi mao oro naihenya.

Turi na ngurubu ingi cia ngurubu nini ciri na uhoro utari wa ma na ni ciratugia tumarihe. Ngurubu ingi nini mathabu mao ti mega na kwa uguo tukaremwo ni kumariha nginyagia tuthondeke thina ucio.

Atongoria na aruti wira a clasta ni marahaririria marua maria makuheo kuri ngurubu nini iria citaheanite uhoro wama na mathabu matari mega. Marua maya ni makuhoya uteithio kuri ngurubu nini, na twamukira macokio maria mari mama na mathabu mega, turihe oro naihenya ta uria kwahotekeka.

Haha thi, ni twaririirie maundu maria maheanagwo matari mama na matakinyaniire na uria mabatie guthondekwo. Ngurubu yanyu nini ni nikwamukira marua mari na maundu maria itahingitie.

Maundu maria marugiriirwo / matakinyaniire.	Uria ngurubu yanyu nini irabatara gwika niguu tuteithanie
1. Gutara miti uru	Ngurubu yanyu nini ibatie gutara miti yao ringi migunda-ini yothe mugiteithania na aruti wira a clasta niguu kugie na uma.
2. Gutara miti itari ya TIST	Angikorwo muruti wira wanyu wa clasta atarire miti itetikiritio ta miti ya mihaka, mahuti, minyua mai (ihanditwo thutha wa 2012), kana miti iria ingi itetikiritio na kahua, miraa na guthii na mbere, twamuthaitha rutithania wira na aruti wira a clasta guthondeka mahitia macio.
3. Uhoro utari mukinyaniru	<p>Rikiai, heanai uhoro mukinyaniru tondu niyo biacara ya carbon. Yugaga uria migunda yanyu yahanaga mbere ya kuhanda miti na TIST.</p> <p>Riria uhoro uyu utari mukinyaniru na wama, ni hinya kwendia carbon tonnes.</p> <p>Marua maya ni makuheana uhoro uyu migunda-ini yanyu. Muruti wira wanyu wa clasta ni aguteithiriria kuheana uhoro uria wa ma.</p>



<p>4. Kwaga contract</p>	<p>Contract ya GhG ni uigwithanio wa Clean Air Action ya GhG Corporation (CAAC) na ngurubu yanyu nini niundu wa kwendia carbon credits. Uigwithanio uyu ubatie gwikirwo kirore ni mumemba oro wothe wa ngurubu yanyu nini mwena umwe, na arugamiriri a CAAC mwena ucio ungi. Kwa ugwo, contract yaku irabatarania gwikirwo rurenda-ini rwa TIST. Riria yaga, ni kuga ati mutiri na uigwithanio na CAAC wa kwendia carbon credits.</p> <p>Muruti wira wa clasta wanyu ni akumuteithiriria guthondeka undu ucio.</p>
<p>5. Kwaga gukinyanira kana kuhenania haria ikinyite ya migunda</p>	<p>Mihaka ya migunda kana uria ungirumirira mugunda. Hari oro mugunda ukorwo ugithomeka niundu wa carbon, mihaka/mihaka kurumirira kubabatie gukorwo kuri kwa ma, kuma muico na kuri kwa ma.</p> <p>Muruti wira wa clasta wanyu ni akumuteithiriria guthondeka undu ucio.</p>
<p>6. Kura kwa miti</p>	<p>Thoko ya carbon irabatarata miti imenyereerwo ihinda inene. Riria muguri wa carbon abatarata kugura carbon tonnes yanyu ya ngurubu nini, mendaga kumenya wega ati tonnes icio citikura cikigethwo.</p> <p>Ngurubu nyingi ciandikithagia miti itari ho niundu wa kugetha miti. Undu ta uyu wahanika, muguri wa carbon magiaga na kieha na nomatige kugura tonnes kuma gwa TIST.</p> <p>Ni wega kumenya ati, riria twendia carbon tonnes kuri muguri, tumamenyithagia ati miti iyo yagethwo tonnes icio ni iguikara ihinda iraihu. Riria twate tonnes icio, TIST irihaga na tonnes ingi oro ta icio. Kwa uguo riria murimi atema miti yake, arimi aria angi no nginyagia marihe tonnes icio ciurite.</p>
<p>7. Kura kwa Grove</p>	<p>Mahinda mamwe, arimi maregaga miti yao itarwo gutari gitumi. Na riria mugunda wake weherio, miti na tonnes cia ngurubu iyo ni iniyhaga. Undu uyu utumaga tonnes cikanyiha.</p> <p>Mahinda mangi, gutarwo uru gutumaga mugunda ucio ukeherio. Ngurubu yanyu nini ingikora migunda imwe yeheretio, mubatie kwandika marua kuri Council ya atongira na kuria mugunda ucio ucokio.</p>



TIST: Ni ki aguri a carbon tonnes maroraga.

TIST iteithagiriria arimi kuruta biacara ya carbon credit. Arimi mamukagira 70% share ya faida kuma kwendia. Faida ithondekagwo kumanagia na kuruta biacara ya carbon, iria yumanagia na kuhanda miti na kumimenyerera iikare ihinda iraihu.

Aguri a carbon ni marena muno Tonnes cia TIST. Ni marakenio muno ni maundu maria mangi tureka ma guteitha andu, riera, biodiversity na thi yothe. Gukorwo na atumia mari muhari wa mbere gutua matua maundu-ini mothe ma TIST, aguri ni mamenyaga ati TIST iri mbere mena-ini wa arimi, to athuri tu.

Migunda ya TIST iri na mithemba ngurani ya miti ya kiunduire iria iteithagia biodiversity. Aguri aingi umuthi ni marena muno kugura tonnes iria ithondeketwo ni miti ya kiunduire. Aguri aingi mari na bata na miti ya matunda na mbegu. Ni mamenyete ati miti ya matunda na mbegu ni iteithagia kwongerera maciaro kuri family oro hamwe na kwongerera ugima wa mwiri.

Aguri aingi ni makenagio ni uria TIST ihotete gucokaniriria ngurubu nini na micemanio ya clasta. Ni mamenyete ati micemanio ino ni iheaga aria marathii gutua matua maria mari

na uguni kuri o. Hamwe na uguo, micemanio ya TIST ni iheaga andu gukura ki utongoria, kuonania iheo ciao oro hamwe na talents.

Aguri aria marabatara irio ni makenagio ni arimi aria marimaga conservation farming na thumu.

Maundu mangi maria makenagia arimi ni ta urithia wa njuki, kuhanda miti maingi, kumenyerera tiri, kuhanda mimera ya mahiu, guceha miti niundu wa ngu, kuhuthira saving jikos na maundu mangi maingi ma Best Practices.

Mwena uyu ungi, aguri ni maregaga kugura carbon tonnes kuma kuri miti iria ithukagia maria maturigiciirie ta minyua mai, miti iria inyitagiriria kuri miti iria ingi ta kieha, na miti iria ihandagwo muthemba oro umwe. Oro ho makoragwo ma na kieha niundu wa miti iria iri hakuhi guthira niunde wa kugethwo ta mithithinda, mitaragwa na guthii na mbere.

Ithui ta arimi a TIST, turabatara kumenyerera aguri aitu niguo tuige biacara ya carbon igithii na mbere. Aguri a carbon mari na option nyingi na tungiremwo ni gukinyaniria na uria marena, maguthama mathii kundu kungi kira gukoragwo na program/progect cia carbon.



Mbura niyurite – kahindaga kuhanda miti makiria.

Kuhariria mimera niguo kuhanda mugundaini.

Riu tondu mbura niyurite, mimera niyagiriirwo nikuhandwo migundaini kuuma nthari. Niwega mweri uyu gutigirira mimera iri ho ya kuhandwo.

Mimera yagiriirwo ni wambere kuharirio niundu wa riera iritu mugundaini. Angikorwo mimera nditoretwo wega iri nathariini, akorwo niirahetwo maai maingi na kiiruru gukira uria yagiriirwo kana gukira uria ikuheo yathii mugundaini. Kahora kahora nyihia muhere wa maai na wehutie kiiruru hari mimera niguo ihote guikara migundaini

Mimera miega ikoragwo na;

Ta kioereria kiega, (ririkana mithemba ngurani ya miti ndihanana) mimera miega ya kuhanda ikoragwo na;

- Mimera uraihe maita meeri gukira muri
- Mumera ukorwo na hinya
- Mumera ukorwo na miri miingi
- Mimera miingi niikinyanagiria maundu maya thutha wa mieri 2

Guthamia miti.

- Thamia mimera irugamite na iguru
- Cora tuthiururi twa warii wa 30cm mugundaini

- Eheria tiiri wa iguru
- Eheria tiiri ucio ungi urumiriire nginya uriku wa 30cm
- Ikira mahuti urku wa 5cm(nyeki nyumu hingo ya mbura nanjigu hingo ya riuu) ikund ingi cihuthagira thumu
- Ruta mimera kuuma maratathiini na ndugatinie gatiiri karia kari muthiaini wa muri
- Ikira mimera irimaini
- Ikira tiiri wa iguru na ucokerere na ucio ungi.
- Ikundi ingi citihuragia irima na tiiri biu. Njira ino niiteithagiriria maai ma mbura kuingira irimaini na gutonya tiiriini na njira ino ninjegamahinda ma riuu.
- Tiiri uria ungikorwo utigarite nouugo nakianda ia irima niguo uhingiririe maai.
- Itiriria mimera maai.

Ningi tigurira niwahee mimera maundu mega niguo ihote gukura wega na kuhanda na utaganu wa 3cm-4cm. ungimihanda ikuhaniriirie ndikuhota gukinyirwo ni maai na unoru wa tiiri uria irabatara tondu kuri na ucindani na indo ingi. Niikwaga hinya na noyume, kwa uguo rumirira maundu ma gutagania 2.5-3cm

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Kiswahili Version

TIST is an innovative, time - tested, afforestation program led by the participants.



Mkutano wa TIST Cluster ya Mwea uliofanyika tarehe 22/11/2023.

- Ndani ya** ✓ TIST: Tunajuta mchakato wa polepole katika malipo ya Vikundi Vidogo. Uku. 2
- Gazetti:** ✓ Habari njema! Vikundi vidogo vinavyopokea hisa ya faida vina chaguo la kulipwa kupitia Mpesa au uhamisho wa Benki. Uku. 2
- ✓ TIST: Tafadhali tukopee usaidizi wako ili tulipe Kikundi chako Kidogo haraka iwezekanavyo. Uku. 3
- ✓ TIST: Kile ambacho wanunuzi wetu wa tani za kaboni wanatafuta. Uku. 5
- ✓ Mvua imefika - Wakati wa kupanda miti mingine mingi. Uku. 6



TIST: Tunajuta mchakato wa polepole katika malipo ya Vikundi Vidogo .

Sisi, katika baraza la Uongozi la TIST Kenya, tunajutia sana mchakato wa polepole wa kulipa Vikundi Vidogo.

Tumebainisha baadhi ya mambo yanayosababisha tatizo hili, na tumejadili baadhi ya mawazo ili kusaidia kuharakisha mchakato huo.

Nia yetu ni kulipa Vikundi Vidogo vinavyostahili kupata mgao wa faida haraka na kwa watu wanaofaa. Katika Jarida hili, tumejadili baadhi ya hatua tunazoenda kutekeleza, msaada tunaohitaji kutoka kwa Vikundi vyenu Vidogo na kushiriki baadhi ya maeneo ambayo yanahitaji msaada wenu.

Habari njema! Vikundi vidogo vinavyopokea hisa ya faida vina chaguo la kulipwa kupitia Mpesa au uhamisho wa Benki.

Tuna habari njema! Vikundi Vidogo sasa vina chaguo la kupokea malipo yao kupitia

Mpesa au uhamisho wa Benki.

Sasa tunavikumbusha Vikundi Vidogo kuhakikisha vinakutana kama Kikundi Kidogo, kujadili vocha zao na kuchagua kwa uangalifu msimamizi wao wa Mpesa au Watia

saini wa Benki. Zaidi ya hayo, Vikundi Vidogo vinahimizwa kutoa taarifa sahihi wakati wa kuwasilisha vocha zao za malipo.

Ni muhimu kuhakikisha malipo yanaenda kwa watu sahihi. Hii inamaanisha, malipo yanapaswa kwenda kwa watu ambao wamefanya kazi kwa bidii katika Kikundi chako Kidogo.



TIST: Tafadhali tukopee usaidizi wako ili tulipe Kikundi chako Kidogo haraka iwezekanavyo.

Baraza la Uongozi la TIST limesikiliza malalamiko mengi ambayo yanatoka kwa Vikundi Vidogo kuhusu malipo ya hisa zao za faida.

Kama ilivyotajwa hapo juu, ni dhamira yetu kulipa Vikundi Vidogo vinavyohitimu haraka na kwa ufanisi. Tunajitahidi kuhakikisha Vikundi hivi vinapata malipo yao hivi karibuni.

Tuna aina nyingine ya Vikundi Vidogo ambavyo havina taarifa zinazotuzuia kuvilipa. Vikundi vingine vidogo vina dosari mbalimbali zinazohitaji kurekebisha ili tuweze kuzilipa.

Uongozi na Watumishi wa Nguzo wanafanyia kazi barua ambayo itaenda kwa kila Kikundi Kidogo ambacho kinakosa taarifa au dosari. Barua hizi zitakuwa zinatafuta usaidizi kutoka kwa Vikundi Vidogo hivyo, na tukishapokea maoni yao kamili na sahihi, tutawalipa haraka.

Katika jedwali hapa chini, tunajadili baadhi ya taarifa muhimu zinazokosekana na zisizo sahihi na jinsi zinavyohitaji kusahihishwa. Kikundi chako Kidogo kitakuwa kikipokea barua yenye maelezo mahususi ya taarifa zinazohitajika.

Taarifa zinazokosekana/ Makosa	Nini Kidogo chako anahitaji kufanya ili kutusaidia
1. Mti mbaya	Hesabu Kikundi chako Kidogo kitahitajika kuhesabu tena miti yako yote ya Groves kwa usaidizi wa Mtumishi wa Nguzo yako ili kupata data sahihi.
2. Kuhesabu Miti ya TIST	Ikiwa Mtumishi wako wa Kundi alihesabu miti ambayo hairuhusiwa kama vile miti ya Msingi, vichaka/vichaka, miti ya Eucalyptus (iliyopandwa baada ya 2012), au miti yoyote isiyoruhusiwa kama vile kahawa, miraa n.k. Tafadhali fanya kazi. na Cluster Servant yako ili kurekebisha makosa ya aina hii.
3. Taarifa za msingi ambazo hazijakamilika	Taarifa kamili na sahihi za Msingi ni muhimu katika biashara ya kaboni. Inaelezea jinsi Shamba lako la Miti lilivyokuwa kabla ya kuanza Kupanda miti kwa kutumia TIST. Inapokuwa haijakamilika au si sahihi, inakuwa vigumu kuuza tani za kaboni. Barua itaeleza kwa kina kila moja ya Groves yako. Mtumishi wako wa Kundi atakusaidia kusahihisha maelezo haya



<p>4. Mkataba wa GhG unaokosekana</p>	<p>GhG ni makubaliano kati ya Clean Air Action Corporation (CAAC) na Kikundi chako Kidogo kuhusu uuzaji wa mikopo ya kaboni. Mkataba huu unahitaji kusainiwa ipasavyo na wanachama wote wa Kikundi chako Kidogo kwa upande mmoja, na mwakilishi wa CAAC kwa upande mwingine. Zaidi ya hayo, mkataba wako unahitaji kupakiwa katika tovuti ya TIST. Inapokosekana, inaonyesha kuwa Kikundi chako Kidogo hakina makubaliano na CAAC kuuza mikopo yako ya kaboni. Mtumishi wako wa Kundi atakusaidia katika kurekebisha hili.</p>
<p>5. Mpaka wa Grove Boundary</p>	<p>Grove ambao haujakamilika au usio sahihi pia unajulikana kama Grove Track. Ili kila Grove istahiki kupata kaboni, mpaka wa Grove/ wimbo unahitaji kuwa kamili, kamili na sahihi. Mtumishi wa Nguzo yako atakusaidia kurekebisha hili.</p>
<p>6. Upotevu wa miti</p>	<p>Soko la kaboni linahitaji miti kuwekwa hai kwa muda mrefu. Pindi mnunuzi wa kaboni anapoamua kununua tani zako za kaboni za Kikundi Kidogo, unataka kuhakikishiwa tani hizo hazitapotea kupitia uvunaji.</p> <p>Vikundi vingi husajili hasara ya miti kwa sababu ya kuvuna miti yao. Hili likitokea, wanunuzi wa kaboni huwa na wasiwasi na wanaweza kuacha kununua tani kutoka TIST.</p> <p>Ni muhimu kuzingatia, mara tunapouza tani za kaboni kwa mnunuzi, tunawahakikishia kwamba miti iliyochukua tani hizo itaendelea kutumika kwa muda mrefu. Tukipoteza tani hizo, TIST lazima ifidie kwa tani sawa. Kwa hivyo ikiwa mkulima atakata miti yake, wakulima wengine watalazimika kufidia tani hizo zilizopotea.</p>
<p>7. Upotevu wa Grove</p>	<p>Wakati mwingine, wakulima hukataa miti yao kuhesabiwa kwa sababu yoyote ile. Wakati Vichaka hivyo vinapoangushwa, miti na tani katika vikundi vyao pia huanguka. Hii inasababisha upotezaji wa tani. Katika hali nyingine, tatizo la kiufundi au la vihesabu hupelekea Grove kuanguka. Iwapo Kikundi chako Kidogo kitapata yoyote ya Mashamba yako hayapo, utahitaji kuandika barua kwa Baraza la Uongozi ili kuomba Mashamba yako yarejeshwe.</p>



TIST: Kile ambacho wanunuzi wetu wa tani za kaboni wanatafuta.

TIST huwasaidia wakulima kushiriki katika biashara ya mikopo ya kaboni. Wakulima hupokea sehemu ya 70% ya faida kutokana na mauzo. Faida hutolewa kwa kushiriki katika biashara ya kaboni, ambayo inahusisha kupanda miti na kuiweka hai kwa muda mrefu.

Wanunuzi wetu wa kaboni wanavutiwa zaidi na TIST Tonnes. Wanavutiwa na kazi ya ziada tunayofanya kusaidia jamii, hali ya hewa, viumbe hai na sayari nzima. Kwa kuwashirikisha wanawake kama watoa maamuzi katika shughuli zote za TIST, wanunuzi wanajua kuwa TIST ina faida ya wakulima wote, si wanaume pekee.

TIST Groves yenye miti mbalimbali ya kiasili husaidia kuboresha bayoanuwai. Wanunuzi wengi leo wanavutiwa na tani zilizoundwa kutoka kwa miti asilia. Baadhi ya wanunuzi wengine wanapendezwa na miti ya matunda na karanga. Wanatambua kuwa miti ya matunda na karanga pia husaidia kuongeza kipato zaidi kwa familia na pia kuboresha lishe.

Wanunuzi wengi wanapenda jinsi TIST inavyoendesha Mikutano yake ya Vikundi Vidogo na Nguzo. Wanathamini kwamba mikutano hii inawapa nafasi washiriki kuamua juu ya mambo ambayo ni muhimu

na yenye manufaa kwao. Kwa kuongezea, mikutano ya TIST inatoa nafasi ya kukuza viongozi, kukuza karama na talanta.

Wanunuzi ambao wanajali usalama wa chakula wanavutiwa na wale wakulima wanaofanya kilimo hifadhi na mbolea ya samadi.

Shughuli nyingine zinazowavutia Wanunuzi ni pamoja na Wakulima wanaofuga nyuki, wanaolima misitu, kulinda udongo wao, kupanda miti kwa ajili ya malisho, kukata miti kwa ajili ya kuni, kuwa na jiko za kuokoa nishati miongoni mwa Mbinu Nyingine Bora.

Kwa upande mwingine, wanunuzi wanapinga kununua tani za kaboni kutoka kwa miti ambayo inadhuru mazingira kama mikaratusi; miti vamizi kama vile miti ya wattle; na miti iliyopandwa kama kilimo kimoja. Pia wanajali miti ambayo iko katika hatari ya kuvunwa kama vile misonobari, cyprus n.k.

Kama Wakulima wa TIST, tunahitaji kuitikia mahitaji ya wanunuzi wetu ili kuendeleza biashara yetu ya kaboni. Wanunuzi wa Kaboni wana chaguo nyingi sana na ikiwa tutashindwa kufikia matarajio yao, watahamia mradi/programu inayofuata ya kaboni.



Mvua imefika - Wakati wa kupanda miti mingine mingi.

Kutayarisha miche ili kuihamisha (Kuitayarisha kuishi katika hali ngumu)

Sasa kwa kuwa mvua imefika, miche inahitaji kupandwa. Ni muhimu mwezi huu kuhakikisha kuwa miche iko tayari kuhamishwa kutoka kitaluni na kupandwa shambani.

Miche kwanza inahitaji kutayarishwa kwa hali ngumu iliyo shambani. Kama miche imekuwa ikichungwa vyema kitaluni, inaweza kuwa ikipata maji zaidi ya ambayo itapata ikishapandwa shambani. Kidogo kidogo, ipunguzie maji unayoipa na uifungulie jua lote kuhakikisha itaweza kuhimili uhamisho huu inavyofaa.

Sifa za miche mizuri

Kama mwelekezo wa kijumla (ukikumbuka namna mbalimbali huwa na sifa mbalimbali) miche mizuri ya kupanda huwa na sifa zifuatazo:

- Shina linapotokeza lafaa liwe na urefu wa mizizi au mfuko mara mbili.
- Shina lafaa kuwa lenye nguvu na gumu.
- Miche inapaswa kuwa na mizizi myembamba mingi pamoja na mizizi mikubwa.
- Miche mingi itakuwa na sifa hizi baada ya miezi miwili ikishaota.

Kuhamisha

- Beba miche ikiwa imesimama inavyofaa
- Pima duara lenye upana wa sentimeta thelathini shambani
- Toa mchanga wa juu na huuweke kwa pango

- Toa safu la pili la mchanga hadi sentimeta thelathini na uweke kwa pango lingine.
- Safu la nyasi sentimeta tano (nyasi kavu msimu wa mvua, nyasi mbichi msimu wa ukavu). Vikundi vingine huongeza mbolea pia.
- Toa mche mfukoni. Usivunje mchanga uliozunguka mizizi.
- Weka mche shimoni
- Rudisha mchanga wa juu kwanza, halafu safu la pili la mchanga.
- Vikundi vingine havijazi shimo hadi pomoni, ilhali huacha pengo lasentimeta chache. Hili husaidia kuingiza maji ya mvua shimoni na mchangani. Hili sana sana husaidia maeneo makavu.
- Mchanga ambao hubaki unaweza kuwekwa kwa pango kwa upande wa chini wa mche. Tendo hili husaidiakushika maji yoyote ya mvua na kuyarudisha shimoni.
- Chotea mche maji.

Kumbuka pia kuwa ili kuupa mche wako nafasi nzuri ya kuishi inafaa huipande ikitengana meta tatu kwenda nne. Ukiipanda karibu kuliko hivyo, miche yako haitapata maji na madini ya mchanga yote inayoitaji kwa sababu ya ushindani mwingi. Itakosa nguvu na yaweza kufa, kwa hivyo fuata mwenendo mwema zaidi wa kutenganisha kwa meta mbili na nusu kwenda tatu.

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Kikamba Version

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Ngwatanio ya TIST mwea umbanoni woo wa matuku 22/11/2023.

- Inside:**
- ✓ **TIST: Nitukwilila nundu wa ndivi ya tukundi tunini kwikika mbola.** Page 2
 - ✓ **Uvoo museo! Kila kakundi kekuivwa ndivi ya kuaana nikatonya usakua keenda kuivwa kwa nzia ya Mpesa kana kwisila vengi.** Page 2
 - ✓ **TIST: Kwandaia vatonyeka tukwatei kw'oko nikana tutonye kuiva kakundi kenyu mituki undu vatonyeka.** Page 3
 - ✓ **TIST: Kila aui ma tani sya nzeve itavisaa meumatha.** Page 5
 - ✓ **Mbua niyukie - Ivinda yingi ya uvanda miti ingi mingi.** Page 6



TIST: Nitukwilila nundu wa ndivi ya tukundi tunini kwikika mbola.

Thyi, nthini wa utongoi wa kanzu ya TIST Kenya, Nitukwilila na kwisyokea muno nundu wa kuthi mbola kwa ndivi ya tukundi tunini. Nitumanyite nthina vala ui na kuneenia kuete mawoni kivathukanio ala matonya ututetheesya kukatiia nzia ya kuiva.

Wendi witu nikuiva tukundi tw’othe tula twavitukithiw’e kukwata vaita wa kuaana kwa mituki na kwa andu ala maile. Nthini wa ithangu yii, nituneenanisye matambya ala twaile kwika, utethyo ula tukwenda kumakwaku na kakundi kaku na kuete mawoni ngaliko imwe ila ikwenda tutetheew’e nue.

Uvoo museo! Kila kakundi kekuivwa ndivi ya kuaana nikatonya usakua keenda kuivwa kwa nzia ya Mpesa kana kwisila vengi.

Twina uvoo museo! Tukundi tunini yu twina unyuvi wa kukwata ndivi yoo kwa nzia ya mpesa kana kwisila vengi.

vengi ethiwa mwienda kuivwa kwisila vengi. Ingi, kila kakundi kethuthwa kunengane uvoo waw’o iulu wa ithangu yoo ya ndivi.

Yu twililikany’a tukundi kuikiithya kana nimakomana, maneenanisya ithangu yoo ya ndivi na kusakua ula wikwithiwa na namba ya kuivwa na Mpesa kana ala mekwikia saii

Ni undu wa vata kuikiithya ndivi sya vika kwa andu ala maile. Kuu nikwasya, ndivi syaile kuaanwa kwianana na undu kila umwe uthukumite kakundini kenyu.



TIST: Kwandaia vatonyeka tukwatei kw’oko nikana tutonye kuiva kakundi kenyu mituki undu vatonyeka.

Utongoi wa kanzu ya TIST nineethukiiisye munyungunyisyo maingi ala manaumaa tukundini tunini kumana na ndivi ya kuaana vaita.

Ta undutuwetete vaa iulu, nitwiyumitye kuiva kila kakundi kavitukithye kwa mituki undu vaile. Tuthukumite na kithito kuikiithya kila kakundi nikakwata ndivi yako mituki undu vatonyeka.

Twina tukundi tungi tula mauvoo moo matekwoneka na kii nikitumite mataivwa. tukundi tungi twina movoo amwe matevo nakiu nikingi kitumite matakwata ndivi Tukundi tungi natw’o tunenganite uvoo

utewaw’o na nomambie kulungaly’a uvoo uu nikana maivwe.

Utongoi na athukumi ma ngwatanio sya TIST nimaendee na kuthukuma iulu wa wa valua ula waile uvikia kila kakundi kena uvoo utevi kana uvoo utewaw’o. Valua uu wiithiwa uyitya utethyo kuma kwa tukundini tuu, na twakwata uvoo ula mwau/utevo na waw’o, nitukuiva kwa mituki.

Vaa itheo vena musolo, wielesya kila kyaite mauvooni aa na ni kyavata na uvoo utewaw’o na nata twaile ika kuseuvya. Kakundi kenyu nikeukwata valua wina uvoo ula ukwendeka kuma kwenyu.

Uvoo ula mwau / Uvoo ute waw’o	Undu kakundi kenyu kaile kwika nikana kututetheesya kumuiva
1. Utalo wa miti utewaw’o	Kakundi kenyu kaile utala miti ingi ila yi isioni syenyu syothe muungamiwe ni muthukumi wa ngwatanio na kuete uvoo waw’o
2. Kutala miti ila itetikilite nthini wa TIST	Ethiwa muthukumi wenyu wa ngwatanio niwatalile miti ila itaile ta miti ila mweethiie kisioni kila movandaamiti, ikuthu, misanduku (ila yavandiwe itina wa 2021), kana kutala miti ingi ia itetikilite ta miti ya kaawa, miraa na ingi. Kwandaia thukuma na mutokumi wa ngwatanio kuseuvya makosa asu.
3. Uvoo utemusuu wa kwambiia	Uvoo w’othe, waw’o wa kwambiia niwavata kwa viasala wa nzeve itavisa. Uvoo ueleasya undu kisio kila movanda miti kyailye mbee wa mbutanambiia uvanda miti na TIST. Yila mwanengane uvoo utew’ontho kana utewaw’o, yikiaa uito kwa ula ukuta tani sya nzeve itavisaa. Valua ula muukwata wiithiwa wina uvoo wa kila katheka movanda miti. Muthukumi wa ngwatanio yenyu nukumutetheesya kwailya



<p>4. Kwaa kwa Wiw'ano wa GhG</p>	<p>Wiw'ano wa GhG withiawa wi wiw'ano katiwa Clean Air Action Corporation (CAAC) na kakundi kenyu iulu wa uta kilenditi kya nzeve itavisaa. Wiw'ano uu withiawa waile ithiwa na saii sya kila mumemba wa kakundi kenyu ngaliko imwe na ngalokp o;a omho mi umwe wa CAAC. Ingi wiw'ano wenyu niwaile ithiwa wikliitwe mutandaoni/website ya Tist. Ethiwa wiw'ano uu ndwi mutandaoni nikwonany'a kakundi kenyu kaina wiw'ano na CAAC kumuteea kilenditi kya nzeve itavisaa.</p> <p>Muthukumi wa ngwatanio yenyu nukumutetheesya kwailya undu uu.</p>
<p>5. Muvaka utevo kana utemwailye wa vala muvandaa miti yenyu.</p>	<p>Muvaka kana wiio wa kisio kila muvanda miti ingi niyitawa nzia. Kwakila kisio muvandaa miti na kitalikaa nikyaile ithiwa na nzia/muvaka wenekee nindu wa utalika kwa w'o.</p> <p>Muthukumi wa ngwtanio yenyu nukumutetheesya kwika undu uu.</p>
<p>6. Kwaa kwa miti</p>	<p>Soko na ndunyu ya nzeve itavisaa niyendaa miti ikwikala kwa ivinda iasa. Yila muui waamua kuaa kilenditi kya nzeve itavisaa uya kakundi kenyu niwendaa kuikiithw'a kana tani ithi iyiaa kwa ivinda ikuvi kwa kukethwa.</p> <p>Ikundi mbingi iandikithasya wasyo nundu wa kuketha miti yoo. Yila undu uu weethiwa aui ma nzeve itavisaa nimamakaa na nomatonye kueka kuaa tani kuma kwa TIST.</p> <p>Niuseo kumanya kana, tutesaa tani sya nzeve itavisaa kwa muui, nitumuikiithasya kana miti ila italikile kumya tani isu nikwikala iekethwa tani ingi kwa ivinda iasa. Ethiwa nitukwasya tani isu, Tist nonginya imuive na tani ingi taisu. Kwoou yila muimi watema miti yake aimi ala angi nimo mekuivia tani isu mbau.</p>
<p>7. Grove loss</p>	<p>Mavinda angi, muimi nuleaa uvitukithwa o kwa itumi. Yila miti yake yalea utalika miti na tani sya kakundi kau niolekaa. Kii kietae wasyo wa tani.</p> <p>Mavinda angi mathina ma athiani na avitukithya nimatumaa miti ile utalika.</p>



TIST: Kila aui ma tani sya nzeve itavisaa meumatha.

TIST itetheesya aimi kwithiwa nthini wa viasala wa kilenditi kya nzeve itavisaa. Muimi akwataa uaio wa 70% wa vaita kuma kila kyatewa. Vaita useuvaw'a kwa kwithiwa nthini wa viasala uu wa nzeve itavisaa, ula withiawa na uvandi wa miti na kumikalya kwa ivinda iasa.

Aui maitu nimaendee na kwithiwa mayenda umanya mbeange iulu wa tani sya TIST. Nimatanitw'e ni wia witu ula tuthukumite kutetheesya andu maitu, Mawithyululuko, movinduku ma nzeve na isioila ithyululukite na nthi yothe. Kwa kwithia aka me amwe kati wa ala maumasya motw'i nthini wa mawia ma TIST, aui nimesi ka TIST yina useo w'onthe kwa aimi ti kwa aume oka.

Miti ya TIST ila kiene ivanditwe isioni ila TIST maile uvanda miti niseuvitye muthanga. Aui aingi matuku aa nimendeew'e nikuaa tani sya nzeve itavisaa ila sumite mitini ya kiene. Au angi nimendeew'a ni miti ya matunda na mbindi/ngii. Nimaeleawa kana miti ya matunda na mbindi niyongeleelaa ukwati kwa misyi na kwailya miile yoo.

Aui aingi nimendeew'a ni undu TIST yikaa maundu mayo ta tukundi tunini na mbumbano sya ngwatanio. Nimatanaw'a na kutunga muvea nundu wa mbumbano isu ilaitetheesya kuamua maundu mavata na ala

mena vaita kwoo. Kwongeleela, mbumbano sya TIST ninenganae mwanya wa atongoi kwakika, kua inengo na talendi.

Aui ala methiawa na kimako undu wa liu na nzaa kwa andu nimatanaa nundu wa aimi kwika nima ya kusuvia na kutumia vuu wa yiima.

Maundu angi ala mendeesya aui ni aimi ma kuithya nzuki, kuvanda miti mitituni kula yatemiwe, kusuvia muthanga, kuvanda miti ya liu wa indo, kusea miti na kukwata ngu, maiko ma kusuvia mwaki na mawiko angi maseo ma TIST.

Kwa ngaliko ingi aui nimaleaa muno kuaa tani sya nzeve itavisaa kuma mitini ila ithukasya mawithyululuko wa Wattle trees, misanduku, miti ila imeaa na kuveta ila ingi. Ingi nimonaa wi muisyo kuaa nzeve kuma mitini ila itemawa kaingi ta pines, cyprus na ingi.

Ta muimi wa TIST, nitukwenda kuthinikia wendi na vata wa muui nikala kwikala viasalani ino ya uta nzeve itavisaa. Aui/Athooi ma nzeve itavisaa mena kundu kwingi matonya kuaa twalea uvikia wendi woo, nimeuthi uthooa kwa walanyo ungi wa ngwatanio ingi ila onayo ikuta na kuatiia mawendi moo.



Mbua niyukie - Ivinda yingi ya uvanda miti ingi mingi.

Kuseuvya miti yikivuioni nikanya ithyamiw'e muundani/kithekani (Kumiumiisya)

Nundu yu mbua niyukie, miti ila yikivuioni niyaile uvndwa miundani. Ni useo kuikiithya miti ila yikivuioni yina ivinda yaile ya kuthamiw'a miundani.

Miti ino niyaile kuumiww'a kwa kumyeteelya kuvanda kuithekani vala iteusuviwa muno ta kivuioni. Ngelekany'o ila yikivuioni nikwataa kiw'u kingi, muunyi kwi yathamiiw'a kithekani. Nikana iumiie niuseo kuola kiw'u kila uungithya na mavinda ala uungithya na kumiveta muunyi nikana wamithamya ndikew'e thina yithiwe itonya kumiisya.

Mbeu nzeo iilye yithiawa na mawonany'o mailye ata.

Kwa mithemba yoonthe nikana mithemba kivathukany'o yithiawa na mawonany'o kivathukanyo. Miti ya mbeu nzeo iilye uu

- Munguthe wayo ni muasa kundu kwili kwa mwii kana mbisu.
- Muthamba withiawa na vintya na wimunou
- Ingi yaile ithiwa natumii tungi twingi vamwe na mwii ula munene.
- Mithemba mingi ya miti yaile ithiwa na mawonany'o aya itina wa kumea.

Kuthamya.

- Mikue iungye ndukakulumanie
- Thima kyelenge kina uthathau wa 30cm kithekani vala uvanda
- Umya muthanga wa iulu na uyumba kavumbu
- Umya muthanga ula uatiie ta uliku wa 30cm na uyumba kavumbu kangi.
- Ikia nyeki susue kisio kya 5cm ethiwa kwi mbua ongela vuu.
- umya ithanguni kana mbisuni na uyumya nesa ndukatilange mii.
- Vanda yiimani yiu
- Ususya na ula muthanga wayiulu
- Ikundi imwe iyusuasya muthanga vyu nimatiaa mwanya wa kiw'u. Kii kithiawa kiseo kya utwiikana kiw'u yila mbua yaua na kutetheesya kiw'u kunywa muthangani.
- Ngithya mbeu isu wavanda.

Ingi lilikana kunenga muti usu wavanda ivinda ya kwikala na uivanda utaaniu wa matambya 3-4. Wamivanda itherngeanie ndikwata kiw'u na unou mwianiu. Wavanda ithengeanie yiithiwa yimimosu na nitonya ukwa kwoou nikavaa kuvanda utaniuu wa 2.5-3m

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Mkutano wa TIST Cluster ya Mwea uliofanyika tarehe 22/11/2023.

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TIST: Kimwoe mutyo en lipanet newendi mutyo koityi Katuiyosiek che Mengechen.

E cheek en kandoinatetab Knsil nebo TIST Kenya kemwoe kele muto missing en tesetabtaa nebo mutyo ewn lipanosiekab melekweek newendi mutyo koiti Katuiyosiek che Mengechen. Kokenai alak en amuneisiek che yoe lipanosiek kwo muto akomkokemg'alalen kobwotutik che kimuche keyai asi komukak kelipan en chokinet.

Makenyon kegeer kele kakilipan Katuiyosiek che Mengechen che nyorchinge makutikab lipanosiek en chokinet ak koiti bik che choton. En barwani, ko kakimwai ortinwek kokwoutik alak che kiibe, toreteet ne kimokinigee koyob Katuiyosiek che Mengechen ak kemai ortinwek alak che mokingee toreteng'uong'.

Logoiwek che Miach! Katuiyosiek che Mengechen che nyoru lipanosiekab Pjeutikab Melekweek koleweni angot ko mcohe kelipan kobun Mpesa anan kobu Benki.

K itindoi logoiwek che miach! Katuiyosiek che Mengechen nguni ko tinye kolewen angot ko mache kelipanchi en Mpesa anan ko Benki.

Nguni kibwotini katuiyosiek che Mengechen kotuiyo ak kong'alaleen Vochait ak kolwene komie chito ne ribe rapisiek en Mpesa anan

ko bik che indo siyet ana ko sei en benki. Kora, kecheere katuiyosiek che Mengechen kogo logoiwek chebo imanit oloon ikoitoo vochaisiek asi keliponchi.

Bo komonut koba rapisiek bik che choton. Inoni ko mwoe kole nyolu koba rapisiek bik che kikoyai boisiet neo eb Katuiyeng'uong' ne Ming'in.



TIST: Otoreteech asi kimuch kelipanwak en Katuiyosiek che mengechen en chokineet.

Kandinatetab TIST ko kokokass konyonyet neo kobun katuiyosiek che Mengechen akobo lipanosiekab pjeutikab melekweek.

Kou yon kaakemwa en barak yu, ko boisienyon kegeer kele Katuiyosiek che Mengechen ko kakilipanchi en chokinet. Kikilegee kegeer kele katuiyosiechu ko kakilipoanchi en chokinet missing.

Kitintoi alak en katuiyosiek che Mengechen che motindoo ng’alek tugul che kimoche ako choton che tereech asi makimuch keliponchin en chokinet. Alak en Katuiyoseik che mengechen kotinye tuguk alak che momi

komie che choton kemoche kilitiit asikimuch keliponchin.

Kandoik ak Kiboitinikab Isosomok ko yoe boisietab barwet ne wendi Katuiyet age tugul ne Mingin ne tindo logoiwek che mochulotik anan ko che mobo iman. Barwanoton ko change toretet koyob katuiyosiechoton ako yon kakenyuru ng’alek chebo iman en katuiyosiechoton ko kimuche kelponchin en chokinet.

En meset ne mi ng’wony yu, keng’ololen akobo alak en logoiwek che mokitindoi ak tuguk che mobo iman ak ortinwek che nyolu kilitita. Katuiyeng’uny ne Ming’in ko nyoru baruani ak komwa tuguk che kimokingee.

Logoiwek che betiotik	Tuguk che imuche koyai katuiyeng’ung’ ne mingin asi kotoretechs
1. Koitetab ketik che mobo iman	Katuiyeng’ung’ ne Mingin ko nyolu koyai koitetab ketik keketi en timwek tugul kotoretigee ak Kiboitiotab Isasamet asi kimuch kenyor koitet ne litit
2. Koitetab ketik che mobo TIST	Angot ko kiit ketik Kiboitiotab Isasamet che mi kiwotetab oleiboch ketikuk, bukonok, kiblukam che kikimiin (kokaibata kenytat 2012) anan ko ketik alak tugul che mo nyolu kiit kou kahawek, tumoek aka alak, kaikai oboisie ak kiboitiondonoton asi kimuch kiit ketik che nyolunot ak keisto makosainoton
3. Kiwoto ne mokichob komie	<p>Kiwoto ne bo iman k obo komonut en mung’aretab aldaetab koristo. Iboru komie ole kiu timtong’ung’ kotomo kinaam kemin ketikab TIST.</p> <p>Olon momi komie kiwoto, ko uitu kialda nyigisindab koristo. Baruanoton koboru komie osneng’ung’. Toretin Kiboitiotab Isasamet en ole kilititoo choton.</p>



<p>4. Betetab koyonchinet ak GhG</p>	<p>Koyonchinet ak GhG ko koyonchinet en kwenetab Clean Air Action Corporation (CAAC) ak Kotuiyet ne Ming'in neng'uong' en aldaetab koristo. Koyonchinoni ko nyolu konde siyet membaek tugul chebo Katuiyeng'uong'en keberiat ne taa ak chito ne tononchin CAAC en kebeberiat nebo oeng'. Kora, ko nyolu kiyogto koyonchinonoton en website nebo TIST. Olon betot noton, koboru kele motinye koyonvchinet katuiyeng'uong' ak CAAC asi komuch koalda koristong'uong'. Toretok kiboitotab isasamet kolitit niton.</p>
<p>5. Kiwotetab osnet ne betot ana ko ne machulaat</p>	<p>Kiwotetab osnet kegureen kora baringoitab osnet. Asi komuch osnet agetugul konyor koristab aldaet, ko nyolu kobo iman kiwotetab osnet ako ne ikesunotgee.</p> <p>Toretok kiboitotab isasamet kolitit niton.</p>
<p>6. Kobetetab ketik</p>	<p>Moche ndonyo nebo koristo keriiib ketik en kasarta ne koi. Olon kakotil olikab koristo kwol nyigisindab koristo en katuiyeng'ung', ko moche kiborchi kelenji tenie ketichoton kasarta ne koi ako makitil.</p> <p>Katuiyosiek che chang komeo kole ole beteen ketik ko olon kakitil. Olon kayak inoni, koimegee ako imuche kotosi aletab nyigisindab koristo en TIST.</p> <p>Bo komonut kenai kele, yon kakialdechi koristo olindet, ko nyolu kiborchin kelenjin ketik che koinemu koristo ne kokialda ko sobtos kenysisiek che chang. Angot kibeet nyigisinoton ko nyolu kokaraan TIST ak nyigisindo ne oechin. So angot kotil temindet ketik ko nyolu komiin temik alak ketik che ikorone che kobetio.</p>
<p>7. Betetab osnet</p>	<p>En kasarta age ko yete temik kiit ketikuak en amuneisiek che terterchin. Olon kakeisto osnonoton, ko ketik ak nyigisindo en katuiyosiekuak ko betos ak ichek. Ni ko konu betetab nyigisindab koristo.</p> <p>En kosorwek alak, ko yoe koitik kobet osnet. Angot onyuru ko betoot osneng'ung' ko nyolu osirte baruet Kandoinateba TIST osoom keweek osneng'uong'.</p>



TIST: Nee nemoche olikab koristo.

Toreti TIST temik en mung'aretab koristo. Nyoru temik kebebarta tomonuokik tisab en bokol (70%) en pjeutikab melekweek olon kakialda koristo. Melkweek kenyoru olon kechut aldaetab koristo, ne noton ko kemin ketik ak keriiib en kasarta ne koi.

Olikiok chebo koristo ko chibileen en nyigisindab korisab TIST. Boiboi en tuguk alak che kiyoe ketoret bikab boror, atebetab emet, terchinosiekab emet ak ng'uony komugul.

Oloon boto kwonyik che tilu ng'alek en boisionik tugul chebo TIST, kongen olikab koristo kole tnye kelchin TIST en temik tugul ako mo murenik ichegen.

Osnosiekab TIST che tnye kentikab kipgaa che terchin ko toreti en terchinosiekab emet. Olik che chang betusiechu ko chome nyigisindab koristo ne bunu ketikab kipgaa. Aalak en olik ko chome ketik che yie logoek. Kere kole ketik che yie logoek ko toreti temik amun en nyorchinetab rabisiek ako ingen kora kole toreti en amituakik.

Che chang en olichoton ko chome oleboisioto TIST ak katuiyosiek che Mengechen ak tuiyosiekab Isasamok. Chome amun kere kole ikochin tuiyosiek bik che

mi tuiyet kotil kole nee ne imuchekoyai chebo komonut ak tuguk alak che toreti.ako mo noon kityo, tuiyosiekab TIST ko toreti bik koegitu koik kandoik ak koboisien chito kanugebyin ak tuguk che imuche koyai inegen.

Olik che tnyegee ak ribetab amituakik ko boiboi en temik che yoe temisietab ribetab emet ak koboisien keturek.

Boisionik alak che boiboienchin olik ko temik che yoe baetab segemik, che yoe temisietab osnet, che ribe ng'ung'unyek, che mine amituakikab kiyagik, che ichoru ketik koik kwenik, che boisien mostinwek che ribe maat ak ortinwek che miach chebo boisiet.

En komostage, koesio olik koal koristo koyob ketik che weche itondab emet cheu kiplugam, ketik che chutin emet cheu kiragachek anan ko balawek, ak ketik che kikimiin koik ichegen. Tobeni kora ketik che kere kole negit ketil cheu chesarur ak torokonik ak alak.

Ko kii temikab TIST, ko nyolu kekusinkong' mokutikab oliliok asi kimuch ketesen taa mung'aretab koristo. Tnye olikab kosristo tuguk alak che chang che imuche koleweneen ako angot komakimuch kitwoisteon mogutikuak, komuche komwei koba tetutuika alak chbo koristo.



Kokoroobon – Kasarta Age Kemin Ketik Alak Che Chang.

Kechob ketik che kiusto kebakemin (kechob konaita asista)

Nguni kakorobon, ko kasarta age kemin ketik. Bo lomonut en arawani kegeer kele chobotin ketik che kikibiit asi kemin en mbarenik.

Nyolu korook kechob ketik chemi betit konaita kit neu mbar. Angot ko kiribot ketik en betit ko nyolu ko kitinye beek che mororu ak uronok che mou koron kakimiin en mbar. Ichuchuck mutio beek che itumchinmi ketik en betit ak konyoor asista asi komuch konaita komie kit neu mbar.

Otebtab ketik che kororon che kimine

En katugul abokora (ibwat ile ketik che erterchin ko tinye otebosiek che terterchin) ketik che kororon en minet ko tinye otebet neu cheisibu:

- Olebo ketit ko nyolu konyilen oeng' koindab tigitik
- Nyolu ko kim ketit ako oo olebo ketit (kosir berteet)
- Nyolu kotinye ketik tigitik che mengecgen che chang kobot tigitiot neo
- Ketik che chang ko nyoru tuguchu en orowelk oeng kong'eteen kokaibista

Kiusto kebakemiin

- Isibten ketik kokateleklilo
- Chorran 30 cm en kiwanchet
- Isten tindinyot ak iruruch
- Iste ng'umgumyek che rube akoi 30 cm alak ak inde teer
- Inde suswek che ite 5 cm (nyolu kiyamsi suswek en kasarta age tugul, che tuonen en robwek). Bik alak ko tesin keturek kora.s
- Isten takolkol en ketit ne imine. Mat itui ng'ung'unyek en kel nebo ketit che kiinam tigitik
- Nde ketit keringet
- Nde kondo ng'ung'unyekab barak ak kosib chebo oeng'.
- Biik alak ko bokoche konda ne kiten en keringet, motube tugul. Niton ko chute ropta ak konyoit ng'ung'unyek.
- Inoni ko mie en olon yamat emet
- Ng'ung'unyek alak kimuche kinde olebo legem en ketit ne kakimin. Ni ko toreti koter ropta ak kowis ng'ung'unyek ak beek koba keringet
- Tumchin beek ketit.

Ibwat kora ile asimuch ikochi ketit kamuget kosob ko nyolu iminchi keldo 3 akoi 4 kong'eten ketit age. Angot imin korigin ko monyuru beek che yome ak amituakik che mi ng'ung'unyek che mokingeamun moitos. Nyolultos ak kochorireso ako imuche komeyo. So isib arosutikab keldo 2 ak nusu akoi keldo 3 (2.5m – 3m).