

Mazingira Bora

Newsletter August 2025

tist Growing Trees
Growing Leaders

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.



**Muthangene TIST Cluster meeting held on 15/07/2025.
Next meeting will be held on 12/08/2025.**

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- Inside:**
- ✓ **TIST: Guidelines when TIST Grove changes ownership –Through land sub-division, Sale of land, death of a TIST member etc. Page 2**
 - ✓ **TIST: Waste Management. Page 3**
 - ✓ **How TIST Works to Achieve Sustainable Development Goals. Page 4**



TIST: Guidelines when TIST Grove changes ownership – Through land sub-division, Sale of land, death of a TIST member etc.

One of the requirements set out by World bodies that regulate carbon emission trading is the need to keep a carbon project grove intact for the period that carbon will be sequestered (harvested by trees from atmosphere and stores in trees trunks and branches). In TIST Program and other similar Tree planting programs that are doing Carbon sequestered projects, trees must be kept alive for minimum 30 years within that grove.

However, some changes happen during this time. Some Groves get sold, others are subdivided or a Small Group member dies. Yet, we are required by world regulations to keep those groves and their trees intact for a period of 30 years.

What to do when a TIST Member dies or land is sub-divided among family members.

1. Your Small Group members should convene a meeting with deceased family members who are beneficiaries of the departed loved one. Explain to them that their Groves is still eligible to continue receiving carbon revenue profits in the future. Family members will still retain the name of the Groves that were under care of their deceased member. They can sub-divide their land, but allow TIST to continue quantifying the original grove the way it was created. When payments come, they can share as per their own agreement. Please note, TIST is not allowed to alter the grove boundaries once the Grove has been included in Project Design (PD) documents.
2. Remind them their participation in TIST program is the best honor they can give their departed one. That legacy is important. They will not only be getting co-benefits and profit share, but will be helping planet earth combat the effects of climate change.

3. Further, encourage them to continue adding more trees in their farm as they continue taking care of already planted trees.
4. Give them Cluster meeting schedules. Encourage them to be attending Cluster meetings to learn other important topics.

What to do when a TIST Grove is sold.

1. Your Small Group members should convene a meeting with the new owner of the land where TIST Grove is located.
2. Talk to them and inform them the Grove they bought is still eligible for carbon project in TIST program.
3. That they can begin participating in TIST program and benefit from co-benefits, profit sharing and TIST Trainings.
4. They don't need to plant new trees to qualify. Trees that were already in the Grove they bought already qualify. They only need to plant additional new trees!
5. Take them through TIST Trainings and procedures for Quantification, payments etc.
6. Invite them to your next Cluster meeting. Introduce them and let the Cluster welcome them.
7. Ask the Cluster servant to add them in your Small Group.
8. Remind them the Grove name will still remain with previous owner name (Because rules do not allow us to change) but they will be now become beneficiaries.

Encourage them to activities participate in your Small Group and Cluster activities.



TIST: Waste Management.

Waste is any material that is a by-product of human activity and that may not have immediate value, which includes:

- ☐ Human excreta/waste.
- ☐ Domestic rubbish like left over food.
- ☐ Waste paper.
- ☐ Scrap metals and old batteries (dry cells)
- ☐ Polythene bags.
- ☐ Sewage sludge, etc.

What Causes Rubbish Problems in your Community?

Waste is inevitable but is made more problematic by:

- ☐ Wasteful/inefficient use of resources.
- ☐ Lack of methods for reusing waste.
- ☐ Lack of waste disposal sites (Rubbish pits, latrines)
- ☐ Lack of knowledge about the dangers of waste management.

Problems caused by poor waste management:

- ☐ Litter of fields and compounds.
- ☐ Loss of beauty of the area.

- ☐ Pollution of water, air and soil, disease outbreak
- ☐ Blockage of drainage channels.
- ☐ Toxic poisoning and fumes from old batteries.
- ☐ Children and animals may be poisoned or injured if they pickup and play with old batteries or other rubbish.

What Can Your Small Group Do Help Solve The Problem?

- ☐ Reduce or minimize the generation of waste
- ☐ Consider using solar powered products instead of those that use disposal batteries when possible.
- ☐ Reusing-use materials again where possible.
(i.e. plastic bags)
- ☐ Composting as a natural fertilizer for use in gardening (save organic waste from left over food and fodder)
- ☐ Dig a rubbish pit in your compound.
- ☐ Remember to only burn paper and cards.
 - Do not burn batteries as they can explode, instead put them in the pit latrine.



How TIST Works to Achieve Sustainable Development Goals.

TIST Vision has always been to empower Small Groups of subsistence farmers to reverse the devastating effects of deforestation, drought, and famine. TIST farmers work together to identify local sustainable development goals that include tree planting and sustainable agriculture. TIST creates a communication and administrative structure that also addresses health (including HIV/AIDS, /COVID 19), education, and nutrition.

Most TIST farmers feel the work they are doing is closely matching the global goals popularly known as Sustainable Development Goals (SDGs).

The Sustainable Development Goals (SDGs), officially known as “Transforming our World: the 2030 Agenda for Sustainable Development” is a set of 17 “Global Goals” with 169 targets between them. They are spearheaded by the United Nations through a deliberative process involving its 193 Member States.

The 17 SDGs are listed below, together with TIST contributions in italics:

Goal 1: No Poverty.

No Poverty - End poverty in all its forms everywhere

- Extreme poverty has been cut by more than half since 1990, however, more than 1 in 5 people live on less than \$1.25 a day.
- Poverty is more than lack of income or resources. It includes lack of basic services, such as education, hunger, social discrimination and exclusion, and lack of participation in decision-making.
- Gender inequality plays a large role in the perpetuation of poverty and its risks. They then face potentially life-threatening risks from early pregnancy, and often-lost hopes for an education and a better income.

- Age groups are affected differently when struck with poverty. Its most devastating effects are on children, to whom it poses a great threat. It affects their education, health, nutrition, and security. It also negatively affects the emotional and spiritual development of children through the environment it creates.

What TIST Farmers have done.

Many TIST farmers have made their degraded land productive again. Through tree planting, Conservation Farming (CF) and Agro forestry practices, thousands of hectares of small farms have gained fertility and productivity.

- *Though rotational and servant leadership are both service and leadership points of TIST, both women and men have gained equal access to opportunities and benefits.*

Goal 2: Zero Hunger.

Zero Hunger - End hunger, achieve food security and improved nutrition and promote sustainable agriculture.

What TIST Farmers have done.

- *Many TIST farmers have practiced Conservation Farming. Majority of them have reported increased yields through CF.*
- *Today, thousands of TIST farmers who have planted fruit and nut trees are reporting good harvest of fruits and nuts, thereby increasing their nutritional supply for their families.*

Goal 3: Good Health and Well-being.

Good Health and Well-being - Ensure healthy lives and promote well-being for all at all ages.

What TIST Farmers have done.

TIST farmers through seminars and Cluster trainings receive HIV and Aids, malaria, nutritional, hygiene trainings, etc. They encourage and support those in need.

**Goal 4: Quality Education.**

Quality Education - Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

What TIST Farmers have done.

- *In TIST, we have heard farmers sharing stories of how tree payment incentives help with school fees and or learning materials.*
- *TIST Mazingira Bora Newsletters and training at Clusters promote lifelong learning opportunities.*

Goal 5: Gender Equality.

Gender Equality - Achieve gender equality and empower all women and girls.

What TIST Farmers have done.

- *At the Small Groups, Cluster level, GOCC and LC level, members practice rotational leadership, thereby giving women more empowerment..*
- *In TIST, the number of women working and serving farmers is even. Women have equal opportunity for leadership training, etc.*

Goal 6: Clean Water and Sanitation.

Clean Water and Sanitation - Ensure availability and sustainable management of water and sanitation for all.

What TIST Farmers have done.

- *Through Riparian program that was received well by farmers whose land touches water ways, many of them reported increased water quality and quantity.*
- *At Cluster meetings and through newsletters, farmers share a lot of ideas of how to improve hygiene and sanitation.*

Goal 7: Affordable and Clean Energy.

Affordable and Clean Energy - Ensure access to affordable, reliable, sustainable, and modern energy for all.

What TIST Farmers have done.

- *When TIST introduced clean stoves, most farmers embraced them because they were*

affordable and helped save wood fuel and reduced smoke in the cooking areas.

- *Through pruning and thinning of trees, farmers are now able to get sustainable fuel source - wood, and improved ways to use.*

Goal 8: Decent Work and Economic Growth.

Decent Work and Economic Growth - Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all.

What TIST Farmers have done.

- *TIST farmers led program has engaged more than 150 persons with flexible hours to allow continued management of primary asset - the farm.*
- *As trees matures, they continue to provide valuable income to support livelihood through sale of fruits, nuts, honey, wood products, etc. . .*
- *Cash income via tree payment incentives.*

Goal 9: Industry, Innovation, and Infrastructure.

Industry, Innovation, and Infrastructure - Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

What TIST Farmers have done.

TIST's use of innovation, Information Technology, and existing transport to allow youth, women, and men to immediately access new 'industry' (carbon) and create a 'virtual cash crop', which eliminates infrastructure limitations and restores productivity of degraded lands

Goal 10: Reduced Inequalities.

Reduced Inequalities - Reduce income inequality within and among countries.

What TIST Farmers have done.

- *TIST farmers have shown incredible support for youth and women, especially at the Cluster meetings*



- *Tree incentives are additional income to the farmers, increased income through improved yields, making degraded land productive again, etc.*

Goal 11: Sustainable Cities and Communities.

Sustainable Cities and Communities - Make cities and human settlements inclusive, safe, resilient, and sustainable.

What TIST Farmers have done.

- *TIST farmers have embraced diverse cultures working closely with different languages, communities and supporting one another.*
- *TIST values encourage inclusion, safety, and sustainability.*

Goal 12: Responsible Consumption and Production.

Responsible Consumption and Production - Ensure sustainable consumption and production patterns.

What TIST Farmers have done.

TIST has improved land fertility through CF, compost manure, and agro forestry, thereby increasing production sustainably, and provide for consumption.

Goal 13: Climate Action.

Climate Action - Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy.

What TIST Farmers have done.

- *Today, TIST farmers worldwide have planted 23+ million trees, thereby improving adaptation strategies to cope with vagaries of climate change.*
- *Today, out of tree planting efforts, TIST farmers have removed over nine million tonnes of CO₂ from the air.*

Goal 14: Life Below Water.

Life Below Water - Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

What TIST Farmers have done

A significant number of farmers have planted water friendly trees in wetlands and along the waterways thereby protecting aquatic life.

Goal 15: Life on Land.

Life on Land - Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

What TIST Farmers have done

TIST farmers have planted millions of biodiversity enhancing trees and kept alive, bee habitats have thrived, agro forestry, degraded land put into productive use again.

Goal 16: Peace, Justice, and Strong Institutions.

Peace, Justice, and Strong Institutions - Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels.

What TIST Farmers have done.

TIST works with diverse communities, promoting cohesion through Cluster meetings, TIST Values!

Goal 17: Partnerships for the Goals

Partnerships for the Goals - Strengthen the means of implementation and revitalize the global partnership for sustainable development.

What TIST Farmers have done.

TIST works with different partners including Kenya Forest Service, KTDA, Taylors of Harrogate and USAID.

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Kimera Version

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



**Mkutano wa Muthangene TIST Cluster uliofanyika tarehe 15/07/2025.
Mkutano ujao utakuwa tarehe 12/08/2025.**

- Inside:**
- ✓ **TIST: Mutaratara jwa kuthingatiira riria muunda jwacinjia mwene- na njira ya kugaukanua,kwendia muunda,gukua kwa mumemba waTIST na ingi. Page 2**
 - ✓ **TIST: Kurungamira ruuko. Page 3**
 - ✓ **Uria TIST iritite ngugi gukinyira mworoto jwayo jwa Gukura. Page 4**



TIST: Mutaratara jwa kuthingatiira riria muunda jwacinjia mwene- na njira ya kugaukanua,kwendia muunda, gukua kwa mumemba wa TIST na ingi.

Riendekithia rimwe riria rikitue ni nthiguru yonthe kiri biashara ya kaboni ni kwiga kamuunda ka biashara iji ya kaboni kamenyeretue gwa kagita karia miti ikajukia kaboni kuuma rerani na kumiika kiri muti na kiri mpang'i. Kiri TIST na miradi ingi iria iri na biashara ya kaboni,miti nonkinya ikwe iri moyo gwa kagita gatikunyiha miaka 30 iri muundene.

Kunari uu, nikugijaga na ugaruruku. Miunda imwe ikendua, ingi ikagaukanua kana ona mumemba wa gakundi agakua. Na, nitukwendwa ni watho wa ki manthiguru gutigiira miunda iji ni ukumenyerwa gwa kagita ga nkuruki ya miaka 30.

Uria ukathithia riria mumemba wa TIST akua kana muunda jwagaukanua kiri amemba ba famili.

1. Amemba baku ba gakundi nibathondeke mucemano na amemba ba famili ya mubatigi. Nibamenyithie famili ati muunda jwao jugeeta mbere kugwata mbeca jia kaboni. Amemba ba famili bamenye riitwa riticinjia rige kara o uria riakarii. Nibamenye ati no bagaukanie muunda jwao o uria benkienda, nobetikirie TIST gutaraga miti o uria yataraga kuuma ikwambiria. Marihi riria makeja, bakagaana o uria bakenda bari famili. Ririkana, TIST itibwiri gucinjia mikumbu ya miunda kuuma muunda jwa thungirua kiri PD (Project Design)
2. Ririkania amemba ati gwita na mbere na gwita ngugi ya TIST ni njira ya gitio kiri mubatigi. Bubu ni untu bwa gitumi muno. Batituika ba kwonaga mbeca cia baita kaboni na Co-benefits aki noo bageeta na mbere gutetheria kuthondeka ugaruruku wa rera.
3. Nkuruki, Bekire inya ya gwita mbere kuanda miti ingi na nkinya kumenyeera iria iandi.

4. Bamenyithie ntuku jia micemano ya clasta. Bonererie gitumi gia gwita micemano ya clasta kuthoma mantu jangi.

Uria ukathithia ria muunda wa TIST wendua

1. Amemba ba gakundi bathithie mucemano na uria agura muunda wina miti ya TIST.
2. Araniria nabo na ubamenyithie ati muunda jou bagurite jwina kaanya ga kugwata baita ya wendia wa kaboni kiri muradi wa TIST.
3. Bamenyithie ati nobambiririe gwita ngugi na muradi wa TIST boone baita cia kaboni, co-benefits na nkinya ithomo.
4. Tonkinya baande miti imweru nikenda boona baita. Miti iria yari ndeene ya muunda mbere ya bagura ikaleta baita. Ngugi yao nikwongerera imweru aki.
5. Betithie kiri kithomo gia TIST na mutaratara wa gutara miti na kuriwa na ingi.
6. Beete kiri mucemano jwa clasta jou jungi. Bamenyithanie kiri clasta na clasta ni ibagwate ugeni.
7. Menyithia clasta servant abongerere kiri gakundi kenu kanini.
8. Baririkanie ati ritwaria muunda riticinjia rige kara o riria riari au mbere (nuntu watho utigwitikiria tucinjia) no bakathi mbere kugwata baita.

Bekira inya ya gwita ngugi amwe na amemba bangi ba gakundi na nkinya clasta.



TIST: Kurungamira ruuko.

Ruuko ni gintu kionthe kiria kiuamanagia na maththio ja muntu na kiria gitona utumiri bwa oriu, na ni amwe na:

- ☐ Kioro kia muntu.
- ☐ Matigari ndene ya nja ta irio.
- ☐ Maratasi jatina ngugi.
- ☐ Miuko ya mubira.
- ☐ Cuuma, maiga jatumiri.
- ☐ Ruuko rwa sewage na jangi jamaingi.

Nimbi iretaga thina ya ruuko ndene ya ntuura yaku?

Ruuko rutiebereka indi nirwingiagua rukaa thina na njira ya:

- ☐ utumiri bubuthuku bwa biria turina bio.
- ☐ Kwaaga njira cia kurutumira kairi.
- ☐ Kwaaga antu a kuruta (ja bioro bia oome).
- ☐ Kuaga umenyo bwa mogwati jaria joomba kuumania na urungamiri bubuthuku bwa ruuko.

Jaria jaumanagia na urungamiri bubuthuku bwa ruuko.

- ☐ Kujura kwa ruuko bienine, kwaga uthongi bwa antu au.

- ☐ Kuthukua gwa ruuji, ruugo na muthetu.
- ☐ Kuumbuka kwa mirimo.
- ☐ Kuingana gwa paipu cia kurita ruuji.
- ☐ Sumu na ruugo ruruthuku kuumania na maiga jamakuru.

Aana na ndithia no ciajithue kana ikagitarua riria ciajukia na guchetha na maiga jamakuru kana ruuko rungi.

Nimbi gikundi giaku kithithia kuthiria thina iji

- ☐ Nyiyia mantu jaria jatumaga ruuko rwija.
- ☐ Thugania gutumira into biria bitumagira mwanki jwa riuu antu a biria bitejagwa riria uumbikia.
- ☐ Tuumira kairi – tumira into kairi riria uumbikia (ja maratasi ja mubira).
- ☐ Kuthithia mboleo- iika ruuko ruria rumba kwoora (irio biria bitigarite na bia ndithia) ja mboleo ya gutumira muundene.
- ☐ linja kirinya kia ruuko nja yaku.
- ☐ Ririkana kuithia aki maratasi na kadi.
- Ukaithia maiga niuntu noja lipuke. Ikira kiorone.



Uria TIST iritite ngugi gukinyira mworoto jwayo jwa Gukura.

TIST yakurirue ni arimi ba irio biria bitumagirwa nja cietu mwanka barathithia ikundi biniini biria batetherie kuthiria kutemwa kwa miti, mpara na kiara muu. Arimi ba TIST baritanirie ngugi bari amwe kumenya njira cia gukuria micii amwe na kwaanda miti and urimi bwa gwita na mbeere. TIST niyambiritie mitaratara ya kwanirira na ni amwe na ugima bwa mwiri amwe na HIV/AIDS/Covid 19, kithomo na biakuria bibiega

Mweri muthiru, nindombire kugwatira TIST kiri mucemano jwa Carbon Africa jugwati mbaru ni UNFCC, Nairobi Framework Partnership, UNDP amwe na bangi. Mucemano juu jwa thithitue Conotou, Benin naria West Africa. Nindaririe iguru ria mawega ja **Climate Action na uguni bwa SDG**. Ja kanya gakwa ga kwithuranira na kumenya antu baria betetite kwariria urimi bwa gwita na mbere, jabu **Sustainable Development Goals (SDGs)**, indathithirie unchukuni mutandaone jwa Wikipedia. Ndienda kubwaa nteto oiria ndacithomere and mburie buntethie gutaara njira iria TIST yumba gutetheria na mioroto iji na kwejana njira iria TIST igachangira mono kinya au nyumene.

Kiri mutaratara juu jwa witi na mbere jabu **Sustainable Development Goals** buria bugwitua kugarura nthiguru mworoto jwa muratara jwa gukuura mwaka jwa 2030 (**Transforming our world: the 2030 Agenda for sustainable Development**) ni gikundi ka mwioroto ikumi na mugwanja ya kinthiguru iri na mioroto igana ria mirongo itantatu na kenda (169) gatigati kayo. Itongeretue ni Ngwataniro ya Kinthiguru jayo United Nations gukurukira mutaratara jwa gwikinyiria juri na amemba ba nthiguru igana ria mirongo kenda na ithatu (193)

Mioroto iji ikumi na migwanja niyariritue aja nthiguru. Bujathome kenda bujamanya. Kiri mpongeri, nimbikirite mathuganio kuuma kiri antu bangi uria TIST yumba kwongera na maandiko jamaceke.

Mworoto Jwa Mbere: Guti Ukia Kana Kuthina Guti Ukia : Kuthiria Ukia kana Kuthina na njira ciabu mwanya mwanya guntu kunthe

- Ukia buria bwingi nkuruki nibuthiritue na akui nusu yabu kuuma mwaka jwa 1990 indi nkuruki ya muntu umwe kiri antu batano baturaga na rungu rwa dora imwe na ingotore mirongo iri na bitano (1.25) o ntuku.

- Ukia kana kuthina ni kwaga njira ya kureta mbeca kiri nja cietu. Niamwe na kwaga into ja kithomo, mpaara, kwonerwa na kimicii, na gutiganirua amwe na kurega kugwatanira na bangi kiri Ubangi bwa mitaratara.
- Kwithirwa guti na unganania bwa akuru na ekuru ni kwongagira mono uthini kana ukia bubu. Aka mono nibo bari atarine ya mantu ja aari kugia aana bari baniini na kwaga wirigiro bwa kithomo kana kinya njira cia kwona mbeca cia kubatethia kuthiria ukia bubu
- Nthuki kinya cio nicigatagwa ni mantu mwanya riria bagwatwa ni thina kana ukia bubu. Twaana mono nitu tugwatagwa ni mauthuku nkuruki kumania na mantu ja uthini. nikuthukagia kithomo kiao, inya ya kimwiri, kwaga biakuria biagutethia mwiri na ukaria . niithukagia mono kinya mithuganirie yao na gukura kwao gwa moyo .

Uria Arimi Ba TIST Bathithitie

- **Arimi babaingi ba TIST nibokiritie miunda yao ikagia mboreo kairi gukurukira waandi bwa miti, kurima na njira ya kurigiria (CF) na kungania miti na imera, miunda imiingi niigite mboreo inyingi na yambiria kugia imera bibingi nkuruki.**
- **Gukurukira urimi bwa kuthiurukania mimera na utongerira bwa uriti ngugi bwa TIST akuru na ekuru nibombitie kwithirwa baari na twanya tunganene kiri kwona mawega.**

Mworoto jwa iri: Guti Mpara.

Kuthiria Mpara: Kuthiria mpara, gukinyaniria ukaria na irio na kwongera irio bibiega na urimi bwa gwita na mbere.

Uria Arimi ba TIST bathithitie...

- **Arimi babaingi nibathithitie urimi bubu bwa kurigiria na babaingi na baringite riboti ati nibongerete maketha gukurukira (CF)**
- **Narua mangiri ja arimi baria baandite miti ya matunda na nkandi nibaringete riboti ati nibonete maketha jamega na niuntu bubu kwongera irio bibiega kiri micii yao.**

Mworoto jwa ithatu: Inya ya kimwiri na Gukara bwega.

Inya ya kimwiri na Gukara bwega: Kumenyera inya ya kimwiri na gukara bwega kiri antu ba nthuki cionthe

**Uria Arimi ba TIST bathithitie...**

Arimi ba TIST gukurukira uritani bwa micemanio yetu na ya Cluster nibaritani mantu ja HIV/AIDS, rwagi (malaria), kumenyera mirire imiega na utheru. naboragua guthetheria baria bari na ubatu.

Mworoto jwa Inya : Jithomo Gikiega.

Kithomo gikiega: Kumenya ati kithomo ni nigigukinyira bonthe baria bari na ubatu bwakio na kumenya ati kuri na kaanya ga gutura ga gwithithia na mbere kithomo giki.

Uria Arimi ba TIST bathithitie...

- **Ndene ya TIST**, nitwigitue arimi bakiejana ntento iguru ria uria marii ja miti jabetthetie kuria mbeca cia cukuru na kugura mauku ja kuthoma najo.
- **Nkathiti ya Mazingira Bora** na uritani buria buthithagirua micemanione ya Cluster ni kwejaga arimi kaanya ga gutura ga gwita na mbere kuthoma.

Mworoto jwa Itano: Twanya Tung'anene.

Twanya Tung'anene: Gukinyira antu a twanya tunganene kiri ekuru na aari

Uria Arimi ba TIST bathithitie....

- **Kiri Ikundi Biniini**, mucemanio jwa Cluster, GOCC and LC, amemba bathithithagia utongerira bwa kuthuriukana na njira iji niejaga ekuru kaanya ga kugwata inya ya utongerira kinya bo.
- **Ndene ya TIST**, namba ya ekuru baria bakurita ngugi na kuritirwa ngugi ninganene. Ekuru kinya bo bari na kanya kanganene na kiri utongerira na uritani.

Mworoto jwa Itantantu: Ruuji rurutheru na kwebia ruko.

Ruuji ruutheru na Kwebia ruko: Kumenya ati kuri na ruuji rwa kungana na rumenyeri na kwebia mati na njira iria yagiri.

Uria arimi ba TIST bathithitie....

- **Gukurukira mubango jwa naria** kuri na ruuji thiguru juria jwamukirwe ni arimi na njira ya nkeeru mono baria miunda yao iri akui na ruuji, babaingi bao nibongerete ruuji rurwega na rwaingia nkuruki.
- **Kiri micemano ya Cluster** na gukurukira nkatheti, arimi niberanaga mantu jamaingi iguru ria uria bakongera utheru na guta ruko uria kwangiri.

Mworoto jwa Mugwanja: Njira iti na goro na intheru cia gutumira mwanki.

Njira iti na goro na intheru cia gutumira mwanki – Kumenya kuri na njira cia mwanki jwa kuruga na ngugi ingi juti na goro, juria jugeta na mbere kwithirwa juri oo kinya nyuma ya kagita kenda jutumirwa ni antu bonthe.

Uria Arimi ba TIST Bathithitie.....

- **Riria TIST yaretere mariko jamatheru ja kuruga, arimi babaingi nibajwamukire niuntu jutari na goro na nijwabatetherie niuntu jatitumagira nku inyingi na kunyiyia togi naria biakuria birugagirwa.**
- **Gukurukira gwita miti cakasi na guchekeyia miti, arimi nandi nibombaga kwona nku cia kuruga na njira injega cia gutumira**

Mworoto jwa Inana: Ngugi Injega na Gukuria biashara.

Ngugi injega na gukuria Biashara – Gukuria ngugi cionthe iria itumaga twona mbeca igatwika bwega na tucikuria na njira ya kwejana ngugi cia kuria antu micaara.

Uria Arimi ba TIST bathithitie....

- **Arimi ba TIST batongererie mubango jwa nkuruki ya antu igana ria miringo itano (150) baria bari na mathaa jatikubainyiria beta na mbere kubangania miunda yao**
- **Miti itite na mbeere gukura, ni itaga na mbere kubaa mbeca cia mpogeri iria igwataga mbaru uturo bwao na njira ya kwedia matunda, nkadi, naincu, na into bingi bithithitue na mbau.**
- **Mbeca cia mpogeri kumania na marii ja miti.**

Mworoto jwa kenda: Viwanda, Njira Injeru cia gwita ngugi na barabara

Viwanda, Njira Injeru cia gwita ngugi na barabara - gwaka barabara injega, gukuria njira injeru cia kuthithia mantu, na viwanda biri na wirigiro bwa gutura.

Uria arimi ba TIST bathithitie...

TIST nitumagira njira injeru cia kuthithia mantu, gutambia nteto na njira cia kinandi kenda twitikiria antu babethi, ekuru na akuru kaanya ga gukinyira viwanda bibieru (Carbon) na bathithia kimera gikieru gia mutambo kiria gikurukaira ithimi bia barabara na gucokia unoru bwa miunda iria miondu.

Mworoto jwa Ikumi: Gutaokirwa ni ung'ananu.

Gutaokirwa ni ung'ananu: Kunyiyia twanya twa kwona mbeca cia mpongeri thigurune yetu na nthiguru ingi.



Uria arimi ba TIST bathithitie...

- **Arimi ba TIST nibonanitie ugwati mbaru bwa antu babethi na ekuru mono mono kiri micemani ya Cluster.**
- **Mbeca cia marii ja miti ni mbeca mpogeri kiri arimi, mpongeri gukurukira maketha nkuruki na kwongera mboreo miunda iria miondu.**

Mworoto jwa ikumi na jumwe: Micii iminene iri na witi na mbere na ntura cietu Micii iminene iri na witi na mbere na ntura cietu – kuthithia micii imenene na ikaro bia antu bibiega ,biri na ukaria na biri na witi na mbere.

Uria Arimi ba TIST bathithitie...

- **Arimi ba TIST niamukirite mikarire ya antu mwanya mwanya nani ba kurita ngugi na nthiomi mwanya, ntura mwanya na bakagwatana mbaru.**
- **Mauritani ja TIST ni amwe na Ukaria na witi na mbere.**

Mworoto jwa Ikumi na iri: Gutumira na guciarithia na umenyeri.

Gutumira na guciarithia na umenyeri- kumenya uciarithia na utumiri nibigutumirwa bwega.

Uria arimi ba TIST bathithitie....

TIST nitethetie gukuria mboreo ya miunda gukurukira CF , mboreo ya kirinya, urimi bwa kungania miti na imera na uju kwongera iciarithia na utumiri.

Mworoto jwa ikumi na ithatu: Mathithio ja Kiriera.

Mathithio ja Kiriera: kujukia itagaria iguru ria ugaruku bwa riera rietu na ugaruruku buria bwijaga na njira ya kunyiya riera ririthuku na gukuria mwanki juria jugakara kara igita ririraja

Uria arimi ba TIST Bathithitie...

- **Narua Arimi ba TIST nthiguru yonthe nibaandite miti nkuruki ya million ikumi na ithanthatu, na njira iji kwongera njira injega cia kumenyera riera na ugaruruku bwario.**
- **Narua , kuuma kiri inya ya kwaanda miti, arimi ba TIST nibaritite nkuruki ya tani million 3 na nusu cia Carbon kuuma kiri riera.**

Mworoto jwa ikumi na Inya: Uturo bwa rungu rwa Ruuji.

Uturo rungu rwa Ruuji – Kumenyera ba gutumira Iria, na nduui ingi bwega na njira iria igatuma uturo bwa rujiine butikathire

Uria arimi ba TIST bathithitie...

Arimi babaingi nibaandite miti iri ucore na ruuji naria miundene iri na ruuji kana iri akui na ruuji na kwou kumenyera uturo bwa rungu rwa ruuji.

Mworoto jwa Ikumi na Ithano: Uturo nthigurune injumo.

Uturo nthigurune Injumo: Menyera na ucokanirie urimiri bwa miitu, kuthiria ndwanda na kuthiria kuthukua gwa miunda.

Uria Arimi ba TIST bathithitie...

Arimi ba TIST nibaandite mamillioni ja miti ya kumenyera riera na gwika njuki iri moyo na kungania miti na imera na gucokaniria miunda iria yondere.

Mworoto jwa Ikumi na Itantatu: Ukiri, Ugambi, na micii iri na inya.

Ukiri, ugambi na micii iri na inya – Gukuria ukiri kiri micii yetu kenda tuumba kwithirwa na gukura, kwejana twanya kiri twinthe twa ugambi na gwaka micii imiega kiri mantu jonthe.

Uria arimi ba TIST bathithitie...

TIST iritanagiria ngugi na micii ya antu mwanya mwanya, gutetheria kugwatithania antu gukurukira micemano ya Cluster na mauritani ja TIST.

Mworoto jwa ikumi na mugwanja: Ngwataniro ya mioroto

Ngwataniro ya Mioroto – gikwira inya uriti ngugi na kugwatithania ngwataniro ya mioroto kenda gukura gutura.

Uria arimi ba TIST bathithitie...

TIST iritaga ngugi na agwati mbaru babaingi amwe na Kenya Forest Service, Taylors Harrogate, Freshfiels na USAID.

Nandi turienda butwee maoni jenu iguru ria mantu jaria ugwe na gikundi kienu kiniini kithithitie kenda koingera kiri mioroto iji ikumi na Mugwanja (I7SDS)

Nitukwenda kumenya mathuganio jaku iguru ria uria Arimi ba TIST kana micemano ya uritani ya TIST yumba gutetheria guchangira kiri mioroto iji SDGs kenda tumba kwithirwa na mpumi inene nkuruki na utumiri buniini bwa mbeca.

Muriti ngugi wenu wa Cluster akethirwa na rwaria na babwi kiri mucemano juu jungi jwenu jwa Clsuter na aandike email kiri ni uria bukauga na mpumi cia rwaria ruu.

Mazingira Bora

Newsletter August 2025

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Kikuyu Version

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



**Mucemanio wa Muthangene TIST Cluster uria wari mweri 15/07/2025.
Mucemanio ungi ugakorwo mweri 12/08/2025.**

- Inside:**
- ✓ **TIST: Mubango wa guteithia riria ithaka cia TIST ciacenjia ene – Kuhitukira migunda kugaywo, migunda kwendio, gikuu kia mumemba wa TIST etc. Page 2**
 - ✓ **TIST: Kuhurana na giko. Page 3**
 - ✓ **Uria TIST ikoretwo ikihingia matanya ma uthii wan a mbere (Sustainable Development Goals) Page 4**



TIST: Mubango wa guteithia riria ithaka cia TIST ciacenjia ene – Kuhitukira migunda kugaywo, migunda kwendio, gikuu kia mumemba wa TIST etc.

Maundu mamwe maria mabatarikanaga na makambuni ma thi yote maria marugamagirira biacara ya carbon ni kuiga ithaka cia carbon wega nginyagia riria carbon (ikagethwo kuma kuri riera na kuiga kuri muti na macang'I) Thiini wa program cia TIST uhandi wa miti ya carbon, miti ibatii gukurio handu-ini ha miaka 30 thiini wa githaka.

Hamwe na uguo, maundu mangi ni macenjagia. Ithaka imwe cikendio, ingi cikagayano kana mumemba wa small group gukua. No riri, turabatarikana na ikundi cia thi kumenyerera ithaka na miti handu-ini ha miaka 30.

Uria ubatie gwire riria mumemba wa TIST akua kana mugunda wagayanwo ni family.

1. Amemba a gurubu yanyu nini mabatie gwita mucemano na family ya aria makuirirwo na aria mabatie kugaya ucio uhurukite. Mataririe ati githaka kiao no kirathie na mbere kwamukira faida marihi ma carbon. Amemba a family no mahuthire ritwa ria githaka kiao riria riahuthagirwo ni uria uhurukite. No mature mugunda no metikirie TIST guthii na mbere na gutara miti ya githaka kiao o ta uria yari mbere. Riria marihi moka, no magayane uria mangiigwithania. Menya wega, TIST nditikirikio kuingirira mihaka ya ithaka ta uria iri thiini wa Project Design (PD).
2. Maririkanie kwirutira program-ini cia TIST no kio kiheo kiria mangihee uria uhurukite. Ngumo ni ya bata muno. Mariamukagira maundu mega na kugayana faida, oro ho magateithiriria thi kuhurana na gucenja kwa riera.

3. Hamwe na uguo, momiririe guthii na mbere kuhanda miti migunda-ini yao na gutungata iria ihanditwo.
4. Mare uria micemano ya clasta ithiagwo. Maguciririe guka micemano ya clasta niguo mathome maundu mangi maingi.

Uria ungika riria githaka gia TIST kiendio.

1. Amemba a ngurubu nini yanyu mabatie gwita mucemano kwa ucio wa gura mugunda uria uri na githaka kia TIST.
2. Mamenyithie at githaka kiu no kirataranirio na carbon project na kiri thiin wa TIST program.
3. Na no mambiririe guthii na mbere na program cia TIST na guteithika na maundu maria mega, kugayana faida na guthomithio ni TIST.
4. Matirabatarikana kuhanda miti ingi niguo mamukirwo. Miti iria iri githaka-ini kiria magurite ni irametikiria. Mangienda no mahande miti ingi mieru.
5. Matwarithi uria githomi gia TIST gikagwo na njira ya gutara miti, na marihi ets.
6. Mere riria gugakorwo na mucemano wa clasta. Matware na ureke amemba aria angi a clasta mamwamukire.
7. Uria muruti wira wa clasta amwongerere gikundi-ini kinini kiany.
8. Maririkanie ati ritwa ria githaka giguikara na ritwa oro riu (tondu mawatho matiratwitikiria gucenja) no nimetikirio kugunika na ritwa riu.

Maringiririe kwirutira thiini wa ngurubu nini na mawira ma clasta.



TIST: Kuhurana na giko.

Giko ni kindu kiumanaga na andu
kuruta wira na niindo ta,

☐ Mai ma mundu.

☐ Matigari ma irio.

☐ Maratathi mahuthiku.

☐ Cuma nguru na betiri huthiku.

Nikii kirehaga giki matuuraini?

Giko gitingiithemwo no nikiingihagio ni:

☐ Njira njuru cia uhuthir wa indo.

☐ Kwaga njira cia kuhuthira indo ringi.

☐ Kwaga njira cia gute giko.

☐ Kwaga umenyo wa mogwati ma giko.

Mathina maria marehagwo ni giko.

☐ Maratathi ma kihaaro na miciiini.

☐ Kwaga uthaka miciiini.

☐ Guthukio kwa riera, maai na tiir
ohamwe na gututhuka kwa mirimu.

☐ Guthingana kwa njira cia maai.

☐ Guthukio kwa riera ria kuhuhia.

☐ Guthukio gwa ciana riria cirathaka.

Niatia gikundi kianyu kingika niguo kunyihia thina uyu wa giko?

☐ Kunyihia njiracia kurehe giko.

☐ Kuhuthira njira cia riua handu ha betiri.

☐ Kuhuthira ringi indi.

☐ Gutua giko thumu wa kuhuthira
mugundaini.

☐ Kwenja irima ria kiara.

☐ Gucina maratathi.

- Ndugacine betiri tondu
nocituthuke, cikie kioro kia irima.



Uria TIST ikoretwo ikihingia matanya ma uthii wan a mbere (Sustainable Development Goals)

TIST yambiriirio ni arimi anini magithondeka tukundi tunini negetha mahoote kuhurana na thina wa guthukangia kwa mititu, riua inene na ng'aragu. Arimi a TIST marutaga wira na ngwataniro nigetha mahote gucaria ihonia na kugia na ciiko iria iri hamwe ni uhandi wa miti na urimi mugaciru. TIST niikirite mitaratara miega iria ihotithagia guthomithia andu uhoro ukonie ugima wa mwiri (hamwe na githomo kia murimu wa mukingo/Covid 19) na mirire miega.

Mweri muthiru, nindagiire na kamweke ga kurugamiririra TIST thiini wa mucemano wa Africa Carbon Forum uria warugamiriirwo ni UNFCCC, Nairobi Framework Partnership, UNDP hamwe na honge ingi. Mucemano ucio wari bururi wa Benin, Afrika ya ithuiro, mucii wa Cotonou. Ningagiire na kamweke ga kwaririria umithio uiria wonekaga kumanagia na wira wa kuhurana na ucenjia wa riera ungiringithanio na Sustainable Development goals (uthii wan a mbere mugaciiru). Hari mehariria makwa, ndina umenyo ati maundu mari makaririo ni makonie uthii wan a mbere mugaciiru, nindekire utuiria kuuma mtandao wa internet ugitwo Wikipedia. Nigwenda gukumenyithia maundu maria ndathomire na ngurie ututeithie hari ni njira iriku tungimenya wega ati wira waku wi murimi wina umithio uthiite kuhanana ta SDGs na makiria ya ugo tuthomithanie ni atia tungigaciiria.

Matanya maya ma uthii wa nambere mugaciru (**Sustainable Development Goals - SDGs**) na nomo maukaine ta Kugacirithia thii itu: agenda wa mwaka 2030 hari uthii wa na mbere (**transforming our world: the 2030 Agenda for Sustainable Development**). Matanya maya ni ikumi na mugwanja (17) mena ichunji 169 gatagati kamo. Matongoragio ni ruhonge rwa United Nation na kunyitwo mbaru ni mabururi 193.

Matanya maya 17 ndimandikite haha muhuro. Mathome wega. Hamwe nauguo, niheanite ngerekano kuuma kuri andu mwanya uria TIST ikinyaniirie matanya maya:

Goal 1: Kunina ukia.

Kunina ukiay – Kunina ukia wa muthemba o wothe kundu guothe

- Ukia munene niukoretwo unyihite na gichunji kia nuthu kuuma mwaka wa 1990. No onakuri uguo, mundu umwe hari andu atano onoga mbeca nini makiria ya dollar 1.25 kana shilingi 125 o muthenya.
- Ukia to kagwa mbeca kana utonga. Ukia ni hamwe na kwaga githomo, gukorwo na ng'aragu, guthutukano, kwaga kamweke ga gutua matua bururini kana maturaini.
- Kwaga uigananu wa arume na atumia niguchangagira muno hari kuongerereka kwa ukia. Atumia nimakoragwo na ugwati riria manyita nda mari na miaka minini na makaga mieke ya githomo na wira mwega
- Marika onamo nimanyitagwo ni ukia kwa njira ngurani. Ciana ni ikoragwo ugwati-ini tond uki niutumaga mage guthoma, kwaga ugima wa mwiri, irio njega ona ugitiri.
- Age groups are affected differently when struck with poverty. Its most devastating

Uria arimi a TIST mahotete gwika....

- **Arimi aangi a TIST nimahotete guchenjia migunda yao iria itagiaga kindu na riu kugia na umithio. Kuhanda miti, urimi wa CF, gukuria miti ya gutwarana na irio mugunda, migunda miingi niigite na unoru wa tiri na kugia na umithio.**
- **Kuhitukira utongoria wa gucenjania na utungata thiini wa TIST, atumia na athuri nimagite na mieke miigananu na uteithio**

Goal 2: Kunina Ng'aragu.

Kunina ng'aragu – Kunina ng'aragu, kugia na irio cia kuigana na kugacirithia urimi

Uria arimi a TIST mahotete gwika....

- **Arimi aangi a TIST nimarimite Conservation Farming(CF). aingi aao nimaugite nimonete maciaro maingi kuhitukira CF**
- **Nginyagia riu, arimi makiri a TIST aria mahandite miti ya matunda na makandamia nimaugite nimonaga mageha mega ma matunda na ngandamia kogu makongerera irio ciao matunda.**



Goal 3: Ugima mwega wa mwiri na muikarire mwega.

Ugima mwega wa mwiri na muikarire mwega – Gutigirira ugima mwega wa miiri na miikarire miega hari andu oothe.

Uria arimi a TIST mahotete gwika....

Arimi a kuhitukira seminars na micemanio ya Clusters nimamukiraga ithomo cia murimu wa muingo, malaria, mirire miega, uthuru na maingi maingi. Arimi nimahenaga hinya kuria aria me hatikaini.

Goal 4: Githomo kiega.

Githomo kiega – Gutigirira githomo kirakinyira andu oothe na gutigirira kwina mieke ya mundu guthi na mbere na guthoma muturire-ini wake.

Uria arimi a TIST mahotete gwika....

- **Thiinii wa TIST, arimi nimakoretwo magitwira uria marihi ma miti yao makoretwo makimateithiriria hari kuriha marihi ma cukuru na kugura mabuku na turamu.**
- **Ngathiti ya Mazingira Bora na urutani thiinii wa Clusters niuheaga andu mieke ya kugia na umenyi miturere-ini yao.**

Goal 5: Uiganinia wa Arume kwa Atumia

Uiganania wa Arume kwa Atumia – Gutigirira ni kwagia na uigananu wa arume kwa atumia na kuhe uhoti atumia na airitu.

Uria arimi a TIST mahotete gwika....

- **Kuuma ikundi nini, Cluster-ini, GOCC na LC, amemba nimakoragwo na utongoria wa mithiururukano kogu ukahe atua mieke miega ya utongoria.**
- **Thiinii wa TIST, namba ya atumia aria marutaga wira nay a arume niiganaine. Atumia makoroga na mieke iganaine ya utongoria na maundu maangi.**

Goal 6: Maai matheru na uthuru wa ciooro

Maai matheru na uthuru wa ciooro – Gutirira kwina maai ma kuigana na uthuru wa ciooro.

Uria arimi a TIST mahotete gwika....

- **Kuhitukira mubango wa kuhanda miti hakuhi na njuui, arimi aria mahandite nimakoretwo makiuga ati nimonete uthuru na uongereku wa maai.**

- **Kuhitukira micemanio ya Clusters na ngathiti ya Mazingira Bora, arimi nimechenjanagia ugi hari uhoro wa uthuru wa micii.**

Goal 7: Uhoti wa kugura mwaki na mwaki mutheru.

Uhoti wa kugura mwaki na mwaki mutheru – Gutigirira andu nimagia na Uhoti wa kugura mwaki na mwaki mutheru

Uria arimi a TIST mahotete gwika....

- **Hindi iria TIST yarehire mariko ma ngui nini na kunyihia ndogo, arimi aangi nimamukirire mariko tondumari ma mbeca nini, nimahotaga kuhonra ngu, na kunyihia ndogo kuuma riko-ini.**
- **Hindi iria arimi maguchehe miti yao kana kwahura iria itumanite, nimahotaga kugia na ngu cia kuigana..**

Goal 8: Wira mwega na kukura ki utonga

Wira mwega na kukura ki utonga – Gutigirira andu othe nimagia na wira mwega na kukura ki utonga

Uria arimi a TIST mahotete gwika....

- **Program ya TIST niyandikite makiria ya andu 150 na ikamahe mathaa mega maria mamahotithagia mahote gutungata migunda yao.**
- **Riria miti irathii na mbere na kukura, noguo irarehe utonga kumanagia na wendia wa matunda, ngando, uuki, mbao, ngu.**
- **Marihi ma miti ni njira ya kuongerera utonga.**

Goal 9: Iganda, uhumburi wa maundu na miako.

Iganda, uhumburi wa maundu na miako – Gukuria Iganda, uhumburi wa maundu na miako.

Uria arimi a TIST mahotete gwika....

TIST niuhuthagira maundu meeru ta kuhithirira njira cia computer, gutumira maundu ma kiru kuhotithia andu ethi, atumia na athuri magie na mieke miega hari wonjorithia wa carbon.

Goal 10: Kunyihia kwaga waragania.

Kunyihia kwaga waragania – Kunyihia kwaga waragania wa utonga thiini wa bururi na gatagati ka mabururi.



Uria arimi a TIST mahotete gwika....

- **Arimi a TIST nimonanitie wendi munene hari guteithia andu ethi na atumia thiinii wa Clusters.**
- **Marihi ma miti nimateithagia kuongera utonga, o hamwe na wendi wa magetha ma CF.**

Goal 11: Micii ya ma-town na nduriri.

Micii ya ma-town na nduriri – Kuona micii ya ma-town na kuria andu maikaraga kwina ugitiri na miikarire miega.

Uria arimi a TIST mahotete gwika....

- **Arimi a TIST nimarutithanagia wira wega me nduriri na thiomi mithemba miingi.**
- **TIST values ni iteithagia andu gukorwo na urumwe na thayu.**

Goal 12: Utumiri na uthondeki muigiririku

Utumiri na uthondeki muigiririku – Gutigiria kwina Utumiri na uthondeki muigiririku na wa gutura.

Uria arimi a TIST mahotete gwika....

Arimi a TIST nimagacirithitie migunda yao kuhitukira urimi wa CF, utumiri wa mborea ya mahuti ma mugunda, gukuria miti na irio na kiguo makongerera uthondeki wa irio makiriria na koguo makigia na indo cia gutumira

Goal 13: Wira ukonie kuhuruna na ugaruruku wa riera (Climate Action).

Wira ukonie kuhuruna na ugaruruku wa riera (Climate Action)- Kwina bata wan a ihenya kuhuruna na ugaruruku wa riera na kunyihia ndogo ya iganda na kutheremia mwaki uteri na miruki miuru ta solar.

Uria arimi a TIST mahotete gwika....

- **Nginyagia riu, arimi a TIST thiinii wa thi nimahandite miti makiria ya milioni 16 iria iteithiriirie kuhuruna na ugaruruku wa riera.**
- **Kumanagia na miti iyo, arimi a TIST nimatheritie tani million 3.5 cia riera ria carbon.**

Goal 14: uturo na nyamu cia maai-ini

Uturo na nyamu cia maai-ini – Kugitira iria na icigirira cia maa-ini.

Uria arimi a TIST mahotete gwika....

Arimi aaingi a TIST nimahandite miti miega na maai hakuhi na njuui iria iteithitie nyamu iria ikoragwo maai-ini.

Goal 15: Uturo na nyamu iria ikoragwo thi nyumu.

Uturo na nyamu iria ikoragwo thi nyumu – kugitira mititu, kuhurana na uthukia wa mititu na kugitira guthuka kwa migunda.

Uria arimi a TIST mahotete gwika....

Arimi aaingi a TIST nimahindite miti ya kiunduire iria ihotithitie indo ta njuki na ingi, guthondeka migunda.

Goal 16: Thayu, kihooto na honge nu'mu.

Thayu, kihooto na honge nu'mu – Kugacirithia thayu, unyitaniri na gutigirira kwina kihooto kuri andu oothe.

Uria arimi a TIST mahotete gwika....

Arimi a TIST nimarutithanagia wira me hamwe ona maumite nduriri ngurani kuhitukira Cluster meetings na makirumirira TIST Valuaes.

Goal 17: Ngwataniro hari kuhingia matanya maya.

Ngwataniro hari kuhingia matanya maya – Kunyitanira hari gutigira matanya maya nimahinga

Uria arimi a TIST mahotete gwika....

TIST nikoretwo ikituthania wira na honge ingi ta Kenya Forest Service, Taylors of Harrogate, Freshfields na USAID.

Riu, tukwenda kuigua woni waku uria gakundi kanini gaaku gekite ukonainie na matanya maya 17 ma SDGs

Ningi, nitukwenda wendekithia waku uria arimi a TIST kana ithomo cia TIST ingithondekwo wega nigetha ihotithie gukinyaniria matanya maya – nigetha tuthii na mbere kugia na umithio munene wina gharama nini.

Cluster servant waku niakamuteithiriria mucemanio-ini wa Cluster na atwandikire mawoni maaku na email.

Mazingira Bora

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Kiswahili Version

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



**Mukutano wa Muthangene TIST Cluster uliofanyika tarehe 15/07/2025.
Mukutano ujao utakuwa tarehe 12/08/2025.**

***Ndani
ya
gazetti:***

- ✓ **TIST: Miongozo wakati TIST Grove inabadilisha umiliki - Kupitia sehemu ndogo ya ardhi, uuzaji wa ardhi, kifo cha mwanachama wa TIST n.k. Uku. 2**
- ✓ **Usimamizi wa taka. Uku. 3**
- ✓ **Jinsi TIST inavyofanya kufanikisha malengo ya maendeleo endelevu. Uku. 4**



TIST: Miongozo wakati TIST Grove inabadilisha umiliki - Kupitia sehemu ndogo ya ardhi, uuzaji wa ardhi, kifo cha mwanachama wa TIST n.k.

Mojawapo ya mahitaji yaliyowekwa na mashirika ya Ulimwenguni ambayo yanadhibiti biashara ya utoaji wa hewa ukaa ni hitaji la kuweka shamba la mradi wa kaboni katika kipindi ambacho kaboni itatwaliwa (inayovunwa na miti kutoka angahewa na kuhifadhi katika vigogo na matawi ya miti). na programu zingine zinazofanana za upandaji Miti ambazo zinafanya miradi iliyotengwa na Carbon, miti lazima iwekwe hai kwa muda usiopungua miaka 30 ndani ya shamba hilo.

Walakini, mabadiliko kadhaa hufanyika wakati huu. Baadhi ya Groves zinazuzwa, zingine zimegawanywa au mwanakikundi Kidogo anakufa. Hata hivyo, tunatakuwa na kanuni za ulimwengu kuweka miti hiyo na miti yake bila kudumu kwa muda wa miaka 30.

Nini cha kufanya Mwanachama wa TIST anapokufa au ardhi imegawanywa kati ya wanafamilia.

1. Wanakikundi chako Kidogo wanapaswa kuitisha mkutano na wanafamilia waliofariki ambao ni wanufaika wa mpendwa aliyega. Waelezee kwamba Groves zao bado zinastahili kuendelea kupokea faida ya mapato ya kaboni katika siku zijazo. Wanafamilia bado watahifadhi jina la Groves waliokuwa chini ya uandalizi wa mwanafamilia wao aliyefariki. Wanaweza kugawa ardhi yao kidogo, lakini waruhusu TIST kuendelea kukadiria shamba asili jinsi lilivyoundwa. Malipo yanapokuja, wanaweza kushiriki kulingana na makubaliano yao wenyewe. Tafadhali kumbuka, TIST hairuhusiwi kubadilisha mipaka ya miti shamba mara tu Grove itakapojumuishwa katika hati za Usanifu wa Mradi (PD).
2. Wakumbushe ushiriki wao katika mpango wa TIST ni heshima bora wanayoweza kumpa marehemu wao. Urithi huo ni muhimu. Hawatakuwa tu wakipata faida za ushirikiano na sehemu ya faida, lakini watakuwa wakisaidia sayari ya dunia kupambana na athari za mabadiliko ya hali ya hewa.

3. Zaidi ya hayo, wahimiza kuendelea kuongeza miti zaidi katika shamba lao huku wakiendelea kutunza miti ambayo tayari imepandwa.
4. Wape ratiba za mikutano ya Nguzo. Wahimiza kuhudhuria mikutano ya Nguzo ili kujifunza mada nyingine muhimu.

Nini cha kufanya wakati TIST Grove inauzwa.

1. Wanachama wa Kikundi chako Kidogo wanapaswa kuitisha mkutano na mmiliki mpya wa ardhi ambapo TIST Grove iko. 2. Zungumza nao na uwajulishe kuwa Grove waliyonunua bado inastahiki mradi wa kaboni katika mpango wa TIST.
3. Kwamba wanaweza kuanza kushiriki katika mpango wa TIST na kunufaika na manufaa ya pamoja, kugawana faida na Mafunzo ya TIST.
4. Hawana haja ya kupanda miti mipya ili kustahili. Miti ambayo tayari ilikuwa kwenye Grove waliyonunua tayari inafuzu. Wanahitaji tu kupanda miti mipya ya ziada!
5. Wapeleke kwenye Mafunzo ya TIST na taratibu za Ukadiriaji, malipo n.k.
6. Waalike kwenye mkutano wako ujao wa Nguzo. Watambulisha na acha Kundi kuwakaribisha.
7. Uliza mtumishi wa Nguzo kuwaongeze katika Kikundi chako Kidogo.
8. Wakumbushe jina la Grove bado litabaki na jina la mmiliki wa awali (Kwa sababu sheria hazituruhusu kubadilika) lakini sasa watakuwa wanufaika.

Wahimiza kwa shughuli kushiriki katika shughuli zako za Kikundi Kidogo na Nguzo.



Usimamizi wa taka.

Taka ni kitu chochote kinachotokana na mazi za binadamu na yaweza kukosa utumizi wa mara moja, na ni pamoja na:

- ☐ Choo cha binadamu.
- ☐ Uchafu wa nyumba kama mabaki ya chakula.
- ☐ Makaratasi yasiyotumika.
- ☐ Mifuko ya mpira.
- ☐ Chuma, betri zimeisha (seli kavu).
- ☐ Maji taka sludge nk.

Ni nini husababisha shida za taka katika eneo lako?

Taka haiwezi kuepukika lakini yafanywa kuwa shida zaidi na:

- ☐ Matumizi mabaya ya rasilimali.
- ☐ Ukosefu wa njia za kutumia tena.
- ☐ Ukosefu wa mahali pa kutupa taka (mashimo ya taka, vyoo vya kuchimba).
- ☐ Ukosefu wa ujuzi wa hatari za usimamizi mbaya wa taka.

Usimamizi mbaya wa taka husababisha.

- ☐ Uchafuzi wa mashamba na viwanja, kupoteza urembo wa eneo hilo.

- ☐ Uchafuzi wa maji, hewa na udongo.
- ☐ Kuenea kwa magonjwa.
- ☐ Kufungana kwa paipu za kuondoa maji taka.
- ☐ Sumu na moshi mbaya kutokana na betri nzee.

Watoto na wanyama waweza kupata sumu au kuumizwa wakiokota na kucheza na mawe mazee na taka nyinginezo.

Kikundi kidogo chako chaweza kufanya nini kutatua shida hii?

- ☐ Kupunguza kutengeneza kwa taka.
- ☐ Fikiria kutumia vifaa vinavyotumia nishati kutokana na jua badala ya nishati inayotokana na betri inapowezekana.
- ☐ Kutumia tena – tumia vitu tena inapowezekana (mfano, mifuko ya mpira).
- ☐ Kutengeneza mbolea – weka uchafu unaooza (mabaki ya chakula cha binadamu na cha mifugo) kama mbolea ya kutumia katika kulima.
- ☐ Chimba shimo la taka kiwanjani mwako.
- ☐ Kumbuka kuchoma makaratasi na kadi pekee. Usichome betri kwani yaweza kulipuka. Yaweke katika vyoo vya shimo.



Jinsi TIST inavyofanya kufanikisha malengo ya maendeleo endelevu.

TIST ilianzishwa na wakulima wadogo ili kuwawezesha kuunda vikundi vidogo vinavyoweza kuwasaidia kutupilia mbali madhara mabaya ya ukataji miti, ukame na njaa. Wakulima wa TIST wanafanya kazi pamoja ili kutambua vitendo vya maendeleo endelevu vinavyojumuisha kupanda miti na kilimo endelevu. TIST inaunda miundo ya mawasiliano na utawala ambayo pia inashughulikia afya (ikiwa ni pamoja na VVU / UKIMWI/Covid 19), elimu na lishe.

Mwezi uliopita, nilikuwa na fursa ya kuwakilisha TIST kwenye mkutano wa Carbon Afrika Forum uliofadhiliwa na UNFCCC, Nairobi Framework Partnership na UNDP kati ya wengine. Mkutano huo ulifanyika Conotou, Benin, Afrika Magharibi. Nilizungumzia juu ya faida za matendo ya mazingira yanayolenga Mafanikio ya SDG almaarufu (**Co-benefits of Climate Action on the Achievements of SDG**). Kama sehemu ya maandalizi yangu na kujua kuwa watu wanaohudhuria wangekuwa wakijadili Malengo ya Maendeleo Endelevu (SDGs), nimefanya utafiti na kuchunguza kwenye Wikipedia. Ninataka kuwajuza yale niliyojifunza, na kuomba usaidizi kutambua njia ambazo TIST inachangia kwenye Malengo hayo, na kupendekeza njia ambazo TIST inachangia hata zaidi nyakati zijazo.

Malengo ya Maendeleo Endelevu (SDGs), yanayojulikana rasmi kama **kubadilisha dunia yetu:Agenda ya 2030 ya Maendeleo Endelevu** ni mojawapo ya 'Malengo ya Kimataifa' kumi na saba (17) yenye Malengo mia moja sitini na tisa (169) kati yao. Inachangiwa pakubwa na Umoja wa Mataifa kupitia mchakato wa makusudi unaohusisha majimbo yake mia moja, tisini na tatu (193).

Malengo hayo ya Maendeleo kumi na saba (17) yameorodheshwa hapa chini. Tafadhali uyatathmini. Nimeweka mawazo ya hapo awali kutoka kwa watu wengine kuhusu jinsi TIST inaweza kuchangia katika italiki (*Italics*) ili kuongezea:

Lengo la 1: Hakuna Umaskini.

Hakuna Umasikini – Kuondoa umaskini wa aina wowote, kila mahali.

- Umaskini uliokithiri umekatwa kwa zaidi ya nusu tangu mwaka wa 1990, hata hivyo, mmoja kati ya watu watano (5) wanaishi chini ya dola 1.25 kwa siku.

- Umaskini ni zaidi ya ukosefu wa kipato au rasilimali. Inajumuisha ukosefu wa huduma za msingi, kama elimu, njaa, ubaguzi wa kijamii na kutengwa, na ukosefu wa ushiriki katika maamuzi.
- Usawa wa kijinsia una jukumu kubwa katika kuendeleza umaskini na hatari zake. Wanawake wanakabiliwa na hatari zinazohatarisha maisha kutoka mimba za awali, na matumaini potevu ya elimu na mapato mazuri.
- Vikundi vya umri vinaathiriwa tofauti na umasikini. Madhara yake huwa makubwa zaidi kwa watoto, ambao huwa tishio kubwa. Inathiri elimu, afya, lishe, na usalama. Pia huathiri vibaya maendeleo ya kihisia na kiroho ya watoto kupitia mazingira ambayo yanajengwa.

Yale yaliyofanywa na wakulima wa TIST.....

- **Wakulima wengi wa TIST wamefanya ardhi yao iliyokuwa na uharibifu kuwa na uzalishaji. Kupitia upandaji wa miti, Kilimo cha Uhifadhi na mazoea ya misitu ya Agro, maelfu ya hekta za mashamba madogo yamepata uzazi na uzalishaji.**
- **Kupitia uongozi wa mzunguko na mtumishi katika sehemu zote za huduma na uongozi wa TIST, wanawake na wanaume wamepata upatikanaji sawa wa fursa na faida.**

Lengo la 2: Kuondoa Njaa

Kuondoa njaa – Ondoa njaa, hakikisha usalama wa vyakula na kuboresha lishe na kukuza kilimo endelevu.

Yale yaliyofanywa na wakulima wa TIST

- **Wakulima wengi wa TIST wamefanya Kilimo cha Uhifadhi. Wengi wao wameripoti mazao yaliyoongezeka kupitia Kilimo cha Uhifadhi,**
- **Leo, maelfu ya wakulima wa TIST ambao wamepanda matunda na miti ya mbegu hutoa mavuno mazuri ya matunda na karanga na hivyo kuongeza usambazaji wao wa lishe kwa familia zao.**

Lengo la 3: Afya Bora na Ustawi.

Afya Bora na Ustawi - Kuhakikisha maisha mazuri na kukuza ustawi kwa wote kwa miaka yote.



Yale yaliyofanywa na wakulima wa TIST.....

Wakulima wa TIST kupitia semina na mafunzo ya Cluster hupokea mafunzo kuhusu VVU na Ukimwi, malaria, lishe bora, mafunzo ya usafi, nk. Wanahimiza na kuwasaidia wale wanaohitaji.

Lengo la 4: Elimu Bora.

Elimu Bora - Kuhakikisha elimu yenye ubora na usawa na kukuza fursa za kujifunza kwa kila mtu kwa wote.

Yale yaliyofanywa na wakulima wa TIST.....

- **Katika TIST, tumewasikia wakulima wakiongea kuhusu jinisi malipo ya motisha ya miti yanavyowasaidia kulipa karo ya shule na vifaa vya kusoma.**
- **Majarida ya TIST Mazingira Bora na mafunzo katika Cluster hupeana fursa ya masomo ya muda mrefu.**

Lengo la 5: Usawa wa Kijinsia.

Usawa wa Kijinsia - Kufikia usawa wa kijinsia na kuwawezesha wanawake na wasichana wote.

Yale yaliyofanywa na wakulima wa TIST.....

- **Katika vikundi vidogo, kiwango cha Cluster, kiwango cha GOCC na LC, wanachama hufanya uongozi wa mzunguko, na hivyo huwapa wanawake uwezo wa kutosha.**
- **Katika TIST, idadi ya Wanawake wanaofanya kazi na kuwahudumia wakulima ni ya wastani. Wanawake wana nafasi sawa ya mafunzo ya uongozi, nk.**

Lengo la 6: Maji Safi na Usafi.

Maji safi na usafi - Kuhakikisha upatikanaji na usimamizi endelevu wa maji na usafi wa mazingira kwa wote.

Yale yaliyofanywa na wakulima wa TIST.....

- **Kupitia mpango wa Riparian uliopokelewa vizuri na wakulima ambao ardhi yao inagusa juu ya njia za maji, wengi wao waliripoti kuongezeka kwa ubora wa maji na kiasi.**
- **Katika mikutano ya Cluster na kwa njia ya majarida, wakulima wanashiriki kwa kubadilisha mawazo juu ya jinsi ya kuboresha usafi na usafi wa mazingira.**

Lengo la 7: Nishati ya bei nafuu na safi.

Nishati ya bei nafuu na safi - Kuhakikisha upatikanaji wa nguvu za bei nafuu, za kuaminika, za kudumu na za kisasa kwa wote.

Yale yaliyofanywa na wakulima wa TIST.....

- **TIST ilipoanzisha pofu safi, wakulima wengi waliitumia kwa sababu zilikuwa na gharama nafuu na zilisaidia kuokoa mafuta ya kuni na kupunguza moshi katika maeneo ya kupikia.**
- **Kwa njia ya kupogoa na kuponda miti, wakulima sasa wanapata vyanzo vha mafuta endelevu - mbao, na njia bora za kutumia.**

Lengo la 8: Kazi nzuri na ukuaji wa uchumi

Kazi nzuri na ukuaji wa uchumi - Kazi nzuri na Ukuaji wa Kiuchumi - Kukuza ukuaji wa uchumi unaoendelea, jumuishi na endelevu, ajira kamili na yenye ufanisi na kazi nzuri kwa wote

Yale yaliyofanywa na wakulima wa TIST.....

- **Wakulima wa TIST wakiongozwa na mpango wamewakabili watu zaidi ya mia moja hamsini (150) wenye masaa rahisi kuruhusu usimamizi wa mali ya msingi - shamba.**
- **Jinsi miti inavyokomaa, inaendelea kutoa mapato ya thamani kwa kuunga mkono maisha kupitia uuzaji wa matunda, karanga, asali, bidhaa za mbao nk**
- **Mapato ya fedha kupitia motisha ya malipo ya miti.**

Lengo la 9: Sekta, Uvumbuzi na Miundombinu.

Sekta, Uvumbuzi na Miundombinu - Kujenga miundombinu ya ustawi, kukuza viwanda vya umoja na endelevu na kukuza uvumbuzi.

Yale yaliyofanywa na wakulima wa TIST.....

TIST ina matumizi ya uvumbuzi, Teknolojia ya Habari na usafiri wa kisasa ili kuruhusu vijana, wanawake, na wanaume kupata nafasi kwa 'sekta' mpya (kaboni) na kujenga mazao ya fedha, ambayo hupunguza mapungufu ya miundombinu na kurejesha uzalishaji wa nchi zilizoharibika.

Lengo la 10: Kukosekana kwa Usawa

Ukosefu wa usawa - Kupunguza usawa wa mapato ndani na kati ya nchi.

Yale yaliyofanywa na wakulima wa TIST.....

- **Wakulima wa TIST wameonyesha msaada wa ajabu kwa vijana na wanawake hasa katika mikutano ya Cluster.**
- **Vidokezo vya miti ni mapato ya ziada kwa**



wakulima, kuongezeka kwa mapato kwa njia ya mazao bora, na kuzalisha ardhi yenye uharibifu, nk.

Lengo la 11: Miji na Mikoa endelevu.

Miji na Mikoa Endelevu - Kufanya miji na makazi ya watu kuwa ya kwa pamoja, salama, ustahimilivu na endelevu.

Yale yaliyofanywa na wakulima wa TIST.....

- **Wakulima wa TIST wamekubali tamaduni mbalimbali kwa kufanya kazi za karibu na lugha tofauti, jamii na kusaidiana.**

Lengo la 12: Matumizi ya Ufanisi na Uzalishaji

Matumizi ya Ufanisini na Uzalishaji – Ili Kuhakikisha smatumizi endelevu ya uendeshaji na mifummo ya uzalishaji.

Yale yaliyofanywa na wakulima wa TIST.....

TIST imeboresha uzazi wa ardhi kupitia ukulima wa uhifadhi, mbolea ya mbolea, misitu ya kilimo na hivyo kuongeza uzalishaji kwa ustawi, na hutoa matumizi.

Lengo la 13: Hatua ya Hali ya Hewa

Hatua ya Hali ya Hewa - Kuchukua hatua ya haraka ili kupambana na mabadiliko ya hali ya hewa na athari zake kwa kusimamia uzalishaji na kukuza maendeleo katika nishati mbadala.

Yale yaliyofanywa na wakulima wa TIST.....

- **Leo, wakulima wa TIST ulimwenguni kote wamepanda miti ya milioni kumi na sita (16), na hivyo kuboresha mikakati ya kukabiliana na kukabiliana na athari za mabadiliko ya hali ya hewa**
- **Leo, mbali na jitihada za kupanda miti, wakulima wa TIST wameondoa tani zaidi ya milioni tatu unusu) (3.5) za CO₂ kutoka kwenye hewa.**

Lengo la 14: Maisha Chini ya Maji.

Maisha Chini ya Maji - Uhifadhi na kutumia viendelezi bahari, bahari na rasilimali za baharini kwa ajili ya maendeleo endelevu.

Yale yaliyofanywa na wakulima wa TIST.....

Idadi kubwa ya wakulima wamepanda miti ya kirafiki ya maji katika maeneo ya mvua na karibu na njia za maji na hivyo kulinda maisha ya majini

Lengo la 15: Maisha kwenye Ardhi.

Maisha ya Ardhi - Kulinda, kurejesha na kukuza matumizi endelevu ya mikoa ya ardhi, kusimamia misitu, kupambana na vurugu, na kusimama na kuharibu uharibifu wa ardhi na kusimamisha kupoteza kwa maisha ya wanyama na mimea.

Yale yaliyofanywa na wakulima wa TIST.....

Wakulima wa TIST wamepanda mamilioni ya miti ya kuimarisha viumbe hai na kuendeleza uhai, mazingira ya nyuki yameongezeka, misitu ya kilimo, ardhi yenye uharibifu huwekwa katika matumizi ya uzalishaji tena.

Lengo la 16: Amani, Haki na Taasisi Zenye Nguvu.

Amani, Haki na Taasisi Zenye Nguvu - Kukuza jamii za amani na umoja kwa ajili ya maendeleo endelevu, kutoa fursa za haki kwa wote na kujenga taasisi za ufanisi na za umoja katika ngazi zote.

Yale yaliyofanywa na wakulima wa TIST.....

TIST inafanya kazi na jamii mbalimbali, kukuza ushirikiano kupitia mikutano ya Cluster, TIST Values!

Lengo la 17: Ushirika kwa Malengo

Ushirikiano kwa Malengo - Kuimarisha njia za utekelezaji na uimarishaji wa ushirikiano wa kimataifa kwa maendeleo endelevu.

Yale yaliyofanywa na wakulima wa TIST.....

TIST hufanya kazi na washirika tofauti ikiwa ni pamoja na Huduma ya Misitu ya Kenya, Taylors of Harrogate, Freshfields na USAID.

Sasa, tunataka mapendekezo yako kuhusu mambo maalum ambayo wewe au Kikundi chako Kidogo kimefanya kuchangia kati ya SDG zozote kumi na saba (17).

Tunataka pia kujua mawazo yako kuhusu jinsi wakulima wa TIST au jinsi mafunzo ya TIST yanaweza kuboresha michango yetu kwa SDG zilizotajwa - ili tuweze kuwa na MATOKEO BORA kwa Bajeti ya Chini!

Mtumishi wako wa Cluster atakuwa na majadiliano kwenye mkutano wa Cluster unaofuata, na ataandika barua pepe kwangu kuhusu mapendekezo yako na matokeo.

Mazingira Bora

Newsletter August 2025

tist Growing Trees
Growing Leaders

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

Kikamba Version

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



**Mukutano wa Muthangene TIST Cluster uliofanyika tarehe 15/07/2025.
Mukutano ujao utakuwa tarehe 12/08/2025.**

- Inside:**
- ✓ **TIST: Walanio wa undu nguthu ya miti ya TIST itonya usesya mwene kwa nzia ya kitheka kuaanwa, kitheka kutewa kana kikw'u kya memba wa TIST.** Page 2
 - ✓ **TIST: Kusuvia Kiko.** Page 3
 - ✓ **Undu TIST ithukumaa kuvikia maendeeo ma kwikala.** Page 4



TIST: Walanio wa undu nguthu ya miti ya TIST itonya usesya mwene kwa nzia ya kitheka kuaanwa, kitheka kutewa kana kikw'u kya memba wa TIST.

Kindu kimwe kyendekaa nthini wa kambuni sya Nthi yonthe ila isyaanasya na undu nzeve itavisaa ikumwa

niyendaa kwikala ikisisya undu nguthu ya miti ikwikala ivinda yiana iendee na kwosa nzeve ino itavisaa kuma kwa mawithyululuko (nzeve ino yiawa nthini wa mithamba ya miti na ngava). Nthini wa walanio wa Tist na mawalanyo angi ala makuna wia uu wa kuvanda miti na kuta nzeve itavisaa, miti yaile ikala vandu va iiyiva myaka 30.

Onakau, movinduku nimethiitwe kwa ivinda, nguthu imwe sya miti kutewa, ingi kuaanwa kana memba aketwa. Na vailye uu nitukwendeka ni kambuni ila iungamie ndunyu ino ya nzeve itavisaa kwikalya miti ino yivo na iilye nesa kwa ilungu ya myaka ta 30.

Undu wa kwika yila memba umwe wa TIST wakw'a, kana kitheka kyaanwa.

1. Amemba ma Kakundi kenyu nimaile umbana na musyi wa ula memba ula mwite. Maelesye iulu wa undu matonya kuendeesya nguthu ya miti ila watia na nuu utonya ukwatiia mwanya wake na kumuelesya vaita ula utonya ukwata kwa TIST ivinda yukite. Memba uyu kuma musyibni uyu niwikalasya isyitwa ya ula unai mwene nguthu ino ya miti na kumitua tawe memba. Nimatonya kuaana kitheka/muunda na kuka TIST iendee na uvitukithya kisio kila kivanditwe miti. yila ndivi yooka nimatonya kuaana undu mew'anite. Kwandaia manya, TIST ti ndonyethye kuseuvya muvaka wa nguthu ya miti yamina uvitukithya na kwikiwa nthini wa mathangu ma Project design (PD).
2. Malilikanie kana undu mathukuma nthini wa walanio wa TIST niyo ndaia ya muthya matonya unenga usu woo mwite, nundu isu nisyo nguma ila wa matiia. Ti kwithiwa makakwata vaita wa Ndivi ya vaita wa kuaana w'oka indi nimeukwata vaita wa kwailya movinduku ma nzeve.
3. Kuendee mathuthye kuendee kwongela miti kithekani kyoo na kusuvia vamwe na ila mivande.

4. Matavye undu mumbanaa ta ngwatanio na ni indii na niva. Mathuthye kuvika mbumbanoni na kumanyiw'a maundu mavata.

Undu wa kwika ethiwa nguthu ya miti ya TIST niyathoow'a.

1. Amemba ma kakundi kenyu nimaile umbana na mwene kitheka kiu kite kina miti ya TIST.
2. Nenai na mo na kumaelesya kana nguthu ino ya miti no iendee na kwithiwa yi walanio wa TIST na kuiva na tani sya nzeve itavisaa (carbon)
3. Muelesyei nutonya kuendee na isyitwa ya ula unamutee kitheka na kukwata vaita kuma miti muvakaona vaita wa kuaana na momanyisyo ma TIST.
4. Maina vata wa uvanda miti myeu nikana metikilike. Nundu miti ila yikisio kiu inai mivitukithye na yiendee kumune vaita ula inanengae mwene, kila matonya ika nokuvanda miti ingi kwongeleela..
5. Mesilye momanyisyo ma TIST na mawalanyo na ndivi sya TIST.
6. Muthokyei nthini wa wumbano wa ngwatanio yenyu, mamanyithanie na muimathokya ngwatanioni.
7. Kulya muthukumi wa ngwatanio kumwongela kakundini kenyu.
8. Mulilikanie kana isyitwa ya nguthu ino ya miti yiikala na isyitwa ya ula unai mwene (nundu miao ya TIST ndinenganite mwanya wa uvindua isyitwa), indi nimo ene vaita ula ukwisila isyitwani yiu.

Mathuthye maunduni ala mekwika ni kakundi kenyu na ngwatanio nikana onamo meke.



TIST: Kusuvia kiko.

Kiko ni kindu kyothe kithiawa kitenavaita kyumanaa na utumii wa syindu wa mundu ila ni ta:-

- ☐ Mai ma mundu/ Maumao.
- ☐ Matiolyo ma liu, kiko kuma miioni.
- ☐ Mathangu matenawia.
- ☐ Syuma ila nguu na mavia ma tosi.
- ☐ Mathangu ma nailoni.
- ☐ Kiko kuma kambunini.

Ni Kyau kietae thina wa mavuti kisioni kyenyu?

Kiko na mavuti no muvaka indi utwikaa nthina ethiwa:

- ☐ Ethiwa syindu iutumiwa nesa.
- ☐ Kukosa nzia sya usyoka utumia kiko/takataka usu.
- ☐ Kukosa kundu kwa kwikya kiko ta Syoo namaima ma kiko.
- ☐ Kukosa umanyi iulu wa muisyo wa kiko.

Thina ula uetawe ni kuko kyalea kuungamiwa undu vaile?

- ☐ Kiko na mavuti kila vandu.

- ☐ Kukosa wanake wa vandu.
- ☐ Kuthokoania kiw'u, muthanga na kuete ma uwau.
- ☐ Vinga nzia sya kiw'u.
- ☐ Kumya miuke yi sumu ta mavia ma tosi makua.
- ☐ Syana na indu ni ilikwa ni sumu uyu ta syana iithauka na mavia ma tosi makuu na kiko kingi.

Nata tutonya kwika ta kakundi kanini kutetheesya nthina uyu?

- ☐ Kuola nzia ila ietae kiko.
- ☐ No tutumie vinya wa sua vandu va mavia ma tosi.
- ☐ Kutumia ingi kila kitumiika ta mathangu ma nailoni ma ukua syindu.
- ☐ Kuseuvya vuu wa yiima wa kutumika mundani.
- ☐ Inza yiima musyi kwaku ya kiko.
- ☐ Lilkana kuvivya mathangu ala mate ma niloni.
- ☐ Ndukavivye mavia ma tosi maikavulike na kuuvivya indi ikia kyooni.



Undu TIST ithukumaa kuvikia maendeeo ma kwikala.

TISTS yaseuviw'e ni aimi ma nima ya liu na ndithya ite ya viasala kwa nzia ya tukundi nikana matetheesye kuviundua mauthuku ala maetetwe ni miti kutemwa na kuete uvinduku wa nzeve ta mayua na Nzaa. Aimi ma TIST mathukumaa vamwe kuikiithya meko ma maendeeo kwithiwa kwa ivinda iasa ila nivamwe na kuvanda miti na nima utonyeka. TIST niseuvitye nzia sya mineenele na utongoi na kwia usyaiisyonu uima wa mwii (ila ni vamwe na uwau wa muthelo/Covid 19), kisomo na maluu ma kwaka mwii.

Mwai muthelu, nineethiwe na ivuso ya kuungama kilioni kya TIST nthini wa wumbano wa Carbon Africa Forum ula waiviiitwe ni UNFCC, Ilovi (Nairobi) Framework Partnershi, UNDP na ang. Conference / wumbano uu wai Conotou, Benin thini wa West Africa. Ni na neeneie mavaita wa itambya ya kwosa iulu wa uvinduku wa nzeve na kila kiviikiie nundu wa kwosa itambya ya kwikia maendeeo ma kwikala (**Co-benefits of Climate Action on the Achievements of SDG**). Ta nzia imwe ya kwiymbanisa wumbano uyu na nisi kana andu aingi ala me uvika nimatonya kwithiwa maineenea kwia woni wa Maendeeo ma kwikala, ni neekie ukunikili mbeange na nasisa thini wa Wikipedia. Ni kenda kumuaia kila neemaisye na kukulya mutetheesye kumanya nzia ila TIST yiyumasya kuvikia mawalanio aya na ang maingi ivinda yukite.

Mawoni ma Maendeeo ma kwikala (**Sustainable Development Goals (SDGs)**), mesikanie kwa kuvindua nthi yitu nthini wa agenda ya 2030 ya maendeeo ma kwikala ni me thini wa set 17 "Global Goals" mena woni wa kuvikia 169 kati woo. Matongoew'e ni United Nations kwa nzia ya uneenania ila yina nthi ila ni memba 193.

17SDGs ni ii vaa ungu. Kwandai sisya. kwongeleela ni nikiite mesilya ma andu amwe ma TIST na Italics.

Ngolu ya mbee: Vai ukya

Vai ukya - kumina ukya wa mithemba yothe kila vandu

- Ukya muvituku niwa olilwe ta yusu kuvikia 1990 vala andu mbee wa I nthini wa kila 5 utindaa kwa utumia itheo wa ndola 1.25 kwa muthenya.
- Ukya nimbee wa kukosa ikwati. Uu nivamwe na kukosa syindu sya kukwikalya ta kisomo, nzaa, kutengwa na kulea kutalika andu maiamua undu.
- Kulea kwinanw'a kwa aka na aume ni kusangiaa muno nthini wa ukya na mavuso mathuku. Aka

nimethiawa na ivinda yumu na mathina maingi ta kukua mavu tene na kuelea kuendeeo na masomo kwoou maikosa mawia ma umanenga ukwati.

- Ingi ukuu nukwatawa ni ukya kivathukanio. Ala mathinikaa muno ni syana nundu nisyu ikwatawa ni mathina menene ma ukya ukatuma makosa kisomo, uima wa mwii, liu wa uima woo na usuvio. Ingi syana nikwatawa ni nthini wa mesilya na kwiana kiveva na mwikalile kwisila kwa mathina ma mawithyululuko.

Undu Aimi ma TIST mekite.....

- **Aimi aingi ma TIST nimaseuvitye miunda yoo ila yai yaekie kuete usyao na ikambiaa uete usyao. Na ni kwa nzia ya kuvanda miti, Nima ya kusuvia (CF), kuvanda mititu, na kutuma heaka sya tumilunda tunini tusyoka kwithiwa na unou wa muthanga na kwithiwa na wumi/ngetha.**
- **Kwisila kwa nzia ya utongoi wa kithyululu na utongoi wa uthukumana wa TIST kwa aume na aka makethiwa na ivuso ya kwianana kwa kutongosya na ukwata vaita wianene.**

Ngolu ya keli. Nzaa kuthela

Nzaa kuthela - Kumina nzaa, kuvikia usuvio wa kwithiwa na liu mwianu, kwongela useo wa liu wa kwii na kwambatya na kukwatiia nzia sya kwailya nima.

Undu aimi ma tist mekite.....

- **Aimi aingi ma tist nimethiitwe mayika nima ya kusuvia (Cf) aingi maitana nikwithiwa ngetha ni mbongeleku nundu wa nzia ino ya nima ya kusuvia.**
- **Umuthi makili ma aimi ma TIST ala mavandite miti ya matunda na mbindi nime utunga livoti ya ngetha nzeo ya matunda na kwoou kwailya uima wa andu ma misyi yoo kwa kumane liu ula waile.**

Ngolu ya katatu. Uima museo wa mwii na kwikala nesa

Uima museo wa mwii na kwikala nesa - kuikiithya andu nimekala nesa na kwisuviana na mauwau kwa muika w'oonthe.

Undu Aimi ma TIST mekite.....

- **Aimi ma tist kwa nzia ya semina na movundisyo ma ngwatanio ni mama manyiit'we undu wa kwisuviana na muthelo, Ndetema, utheu, maluu ma kuete uima wa mwii, movundisyo na amundu ang.**



- *Nimathuthanasya kukwata mbau na kumatethye ala osu na mena mavata.*

Ngolu ya kana: Kisomo kithianu

Kisomo kithianu - Kuikiithya kana kisomo nichavikia kila umwe na ukwata mbau ivuso iasa ya kusoma kwa oothe.

Undu aimi ma TIST mekite...

- *Nthini wa TIST, nitwiw'ite aimi maineenania undu ndivi sya miti syithitwe syi utethyo woo kwa kumatonyethya kuiva viisi wa sukulu wa syana na kuithooea mavuku,*
- *Ithangu ya TIST ya Mazingira Bora na movundisyo ala mekawa nthini wa ngwatanio ni ivuso iseo ya kwimanyisya ivinda iasa yila mundu wi thayu.*

Ngolu ya katano: Kianana kwa aka na aume Kwianana kwa aka na aume - Kuvikia kiwango kii na kumekia vinya aka na eitu

Undu aimi ma TIST mekite.....

- *Tukundi, ngwatanio, GOCC na Kanzu na LC na memba nimekaa utongoi wa kithyululu kwoou kunenga aka ivuso ya kwiyyikia vinya nthini wa utongoi.*
- *Nthini wa TIST namba ya aka ala me uthukuma na kutumikia aimi niyianenen na ya aume. Kwoou aka mena ivuso yianene na ya aume ya kwivundisya iulu wa utongoi.*

Ngolu ya thatathu: Kiw'u kitheu na utheu

Kiw'u kitheu na utheu - kuikiitya kana kiw'u kitheu nikiyakwatikana nii kusuviwa na utheu kwa onthe.

Undu aimi ma TIST mekite.....

- *Kwa nzia ya kuvanda miti nguumoni sya mbusi ila yoosiwe nesa ni aimi ala me mikaoni na nguumoni sya mbusi ni kwatungie livoti kana nikutetheesye kwongela utheu wa kiw'u na wingi wakyu.*
- *Nthini wa mbumbano sya ngwatanio na kwisila ithangu ya mazingira bora na aimi kutethania kwa ndeto undu wa kwailya utheu na kwikalya utheu.*

Ngolu ya muonza: Mwaki mutheu na utena ngalama

Mwaki mutheu na ute na ngalama - Kuikiithya vena nzia ya kuvikia mwaki wa kiumunthi ula wivo, na utena ngalama nene, na uteuvua mana na utonya kwikala kwa onthe.

Undu aimi ma TIST mekite.....

- *Yila TIST yaetie maiko matheu aimi aingi nimendeeiwe na moosa itambya ya kumaua nundu mayai na ngalama yi iulu na nimasuviaa ngu na kuola syuki vala vekuuiwa.*
- *Kwisila kuseani na kuola miti aimi nimethiawa na ngu vate kwaiwa na kwailya nzia sya utumia ngu.*

Ngolu ya nyaanya: Wia museo na kwiana kwa ikonomi.

Wia museo na kwiana kwa ikonomi - nikukilasya na kukwatiia, na kuete vambe kwiana kwa ikonomi na kuete mawia ma andu kuandikwa na wia mwailu kwa onthe.

Undu aimi ma TIST mekite.....

- *Walanio utongoew'e ni aimi ma TIST ni utongoesye andu mbee wa 150 kwithiwa na masaa meleketye kutuma methiwa na ivinda na kuungamia na kusuvia miunda*
- *Ingi undu miti yianite niw'o iendee na kumanenge vaita na kumatethya kwiyoungamia mikalileni kwa kuta matuna, mbindi, uki wa nzuki, na usyao ungi wa miti.*
- *Ukwati kuma miti ila iivawa ta ndivi ya nzeve itavisaa (carbon credits).*

Ngolu ya kenda: Kambuni, kwambiia na myako

Kambuni, kwambiia na myako - kwaka myako ya kwikala, kukwata mbau na kwikalya industri na wambiliilyo wa undu.

Undu aimi ma TIST mekite.....

TIST itumia wambiliilya, utuika wa kompyuta na malelu ala mekw'o kunenga muka, iveti na aume ndia nzau sya umanya na uvikia industry ya carbon na kuseuvya nima ya viasala ila ivetaa mathina ma malelu mathuku na kwilya wumi na uthukumi wa miundani.

Ngolu ya ikumi: Kuola kulea kwianana

Kuola kulea kwianana - nikwasya kana nitwaile kuola kulea kwianana kwa ukwati katikati wa nthi na nthini wa nthi.

Undu aimi ma TIST mikite.....

- *Aimi ma TIST nimonanitye kukwata mbau muika na iveti munamuno nthini wa mbumbano sya ngwatanio sya kila mwai.*
- *Ndivi ya uthuthio kuma mitini ni vaita mwonge kwa muimi, wongeleku kuam ukwati wa ngetha mbongeleku, na wailu wa muthanga na miunda kwithiwa na wumi.*



Ngolu ya ikumi nemwe - matoni ma kwikala na mbai.

Mataoni ma kwikala na mbai - kuseuvyamataoni na mawikalo ma mundu ala maile ithiwa na muuo, usuvio na matonya umakwatiia.

Undu aimi a TIST mekite....

- **Aimi ma TIST nimetikilanite na mituo ya mbai kivathukano na kuthukuma vamwe na andu mena ithyomo kivathunano na kukatana mbau kwa vamwe umwe kwa ula ungi maitwiikana.**
- **Mawalanio ma TIST nimathuthitye uumwe, usuvio na kwikala.**

Ngolu ya ikumi na ili: Utumiku na useuvya italika.

Utumiku na useuvya wa syindu utalika - ni kuikiithya useuvya was syindu na utumiku ni syaendania kwa vamwe.

Undu aimi ma TIST mekite....

TIST niyongelelee unou wa muthanga kwa nzia ya nima ya kusuvia, kuima na kuvanda miti kwa vamwe na kuende undu liu isu, miti itonya utumuka na ni kwa ivinda yiendee vate kutilika.

Ngolu ikumi na itatu: Itambya ya uvinduku wa nzeve.

Itambya ya uvinduku wa nzeve - Kwosa itambya ya mituki kuola uvinduku wa nzeve na manthina ala maetawe ni nzeve ila yumaw'a ni maendeeo thni wa vinya ula utumikaa uitungiliilwa.

Undu aimi ma TIST mekite....

- **Umuthi , aimi ma TIST nthi yoonthe nimavandite miti mingi mbee wa milioni 16, kwoou makailya na makaola uvindu wa nzeve.**
- **Umunthi kumana na uvandi wa miti, aimi ma tist nimaote nzeve ta tani milioni 3.5 sya nzeve itavisaa kuma mawithyululukoni.**

Ngolu ya ikumi na inya: Thayu ungu wa kiw'u Thayu ungu wa kiw'u - Suvia na kwikalya ukanga, maia na kula kiw'u kithiawa kwa maendeeo makwiana na kwikala.

Undu aimi ma TIST mekite....

Aimi amwe nimavandite miti ila isunga na kusuvia kiw'u nziani sya kiw'u na nguumoni sya mbusi kusuvia mathayu ala mekalaa kiw'uni.

Ngolu ya ikumi na itano: Thayu muthangani Thayu mutangani - Nzuvia, tungiia na sumbiliila mathayu ala mekalaa muthangani. Ikalya mititu na uiola mangalata na uii/weu na kutungii kula

muthanga mwanangiku na kuola ukui wa muthanga na kwailya kula kwanangiku muthangani.

Undu aimi ma TIST mekite....

Aimi ma tist nimavanditi mamilioni ma miti kivathukano na kumia thayu ta nzia imwe ya kusuvia mawikalo ma yamu, nzuki na kutusia muthanga na kutuma withiwa munou na utonya kuete usyao museo ingi.

Ngolu ya ikumi na thanthatu: Muuo, sila wa kati na mauvisi malumu.

Muu, sila wa kati na mauvisi malumi - kwenda na kukwata mbau muuo na kwikia vamwe maendeeo ma kwikala na kwithiwa na sila wa kati na ulungalu utalika kwa kila mauvisi na ngaliko syothe sya mwikalile.

Undu aimi ma TIST mekite.....

TIST nithukumaa na mbai kivatghukano, na kwoou kwa nzia ya mbumbano sya ngwatanio sya kila mwai iyikiithya kukwatania na kwikalania kwa vamwe kwa mbai kivathukano na muuo na kuatiia mawalanio ma TIST!

Ngolu ya ikumi na muonza: Kukwatana na kuvikia ngolu Kukwatana na kuvikia ngolu - Vinya umaniasya kwikia na kuthukania kwa nthi yonthe kwikiana vinya kwa maendeeo me kwikala.

Undu aimi ma TIST mekite....

Tist ithukumaa na ngwatanio kivathukano ta Kenya Forest Service, Taylors of Harrogate, Freshfields an USAID mateusakua nikana kwikiana vinya.

Yu twienda kumya woni wa ati sisya ni ata kakundi kenya kana we undu wikite kati wa maundu aa ma maendeeo ma kwikala ikumi na muonza (17 SDGs.)

Ingi nitukwenda umanya ni woni mwau winaw'o utonya kwailangya aimi ma Tist kana momanyisyo ta utethyo umwe waku wa kutetheesya nthini wa 17SDGs. - Ni kana tuvikie ukwati munene kwa utumiku munini!

Muthukumi wa ngwatanio yaku akamutongoesya mwithiwe na uneenania iulu wa maundu aya yila mukwithiwa na umbano wa kila mwai na aiandika na kutuma email ya mawoni, moelelyo menyu na kila muukwata.

Mazingira Bora

Newsletter August 2025

tist Growing Trees
Growing Leaders

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

Kipsigis Version

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



**Mukutano wa Muthangene TIST Cluster uliofanyika tarehe 15/07/2025.
Mukutano ujao utakuwa tarehe 12/08/2025.**

Inside: TIST: Ng'olion nebo oloon kawalak eunekab telelchinetab timto nebo TIST - Koyoob pjeetab mbaret, aldaet, meetab membayatab TIST, ak alak. *Page 2*

TIST Ngetunonik che chang. *Page 3*

Ole imuchi TIST koboisiyoto konyor bandab tai ne tononot. *Page 4*



TIST: Ng'olion nebo oloon kawalak eunekab telelchinetab Timto nebo TIST - Koyoob pjeetab mbaret, aldaet, meetab membayatab TIST, ak alak.

Agenge ne ortinwek che kiketet en tuiyosiekab Ng'wony che tononchin aldatab koristo en ng'wony ko magetab keriib tetutietab timwekab koristo koratak en kasarta tugul ne kakitabaan kialda (ntoton ko keges en koristo ak keriib en temenikab ketik). En teutietab TIST ak tetutik alak che kergee chebo minsetab ketik ako che oldoo koristo, ko ketik ko nyolu keriib en kenysisiek 30 en timoton.

Anaganda uu noton, kobitu wallet en kasaratan. Timwek alak kioldo, alak kejee anan kosirto agenge en memabekab Kayumet Ne Mingin. Ako kimogenech en ng'otutikab ng'wony keriib timwechoton en kasarta ne momii ng'wony en kenysisiek 30

Kiit ne kimuche keyai olon kosirto membayat egenge nebo TIST anan ko olon kakipjei mbarenik biik che tupcho.

1. Nyolu koyai tuiyet mebaekab kayumeng'wong ne miningin ak biik che tupcho ak membayat ne kosirto che choton ko che nyorchingee kiy anan ko tienggee membayat ne kosirto. Kiororchin bichoton kelenchi timtonywan ko tesetai konyorchingee pjeutikab melekweek en TIST en betusiek chemii taa. Tesetaa membaekab kooto ak kainet ne kiboisien mebayat ne kosirto. Imuche kotestai kopjei mbaret kobateen nyolu kobokokyi timto TIST kotesta ak aldaetab koristab timoton ak kotestai ak koitosiek kou ole kikakebanganda kiin ketou. Tun kabwa rapisiek komuche kopjei kou en koyonchinenywan. Kaikai nai ile, motinye kamuget TIST kowal olibochite mbaretab timtoolon kiketsi tuguk che mii tetutietab.
2. Ibwin ichiek ilenchi yon katestai en TIST ko koik konyit neo en inende ne kokosirto. Indeet kobo komonutiet. Mo nyorchingee kelchinoik alak che tesunotik ak pjeutiab melekweek kityo, kobateen toreti koriib ng'wony tugul koisto waletab itondab emet.

3. Kora, icheer icheget ilenchi kotesta komin ketik en mbarenikuak olon teseta koribee ketik che kikemin.

4. Igochin tetutikab tuiyosiekab Isasamet. Ikochin cheerseet kobwa tuiyosiekab isasamet asi komuch konetgee tuguk che chang'.

Kiit ne kiyoe olon kakialda Timto nebo TIST

1. Nyolu kotuiyo membaekab kayumeng'wong' ne mingin ak chito ne kakioldechi maberanaton mi Timtab TIST.
2. Ng'ololchin ichiek ak imwochi ilnchi teseta timto ne kakioldechi konyoru lipanosiek en TIST.
3. Ako imuche konaam kobwa tuiyosiekab TIST ak konyorchingee melekweek che tesunotik, pjeutiak melekweek ak konetisietab TIST.
4. Momi maget komiin ketik che lelach alak asi kotestai en TIST. Ketik che mii timto ne kakioldechi ko tesetai kou en kotugul. Imuche kityo komin ketik alak che lelach kou ole mogtoo!
5. Imut icheek mutyo en konetisietab TIST ak ortinwek che kiyoto koitosiek, lipanosiek ak alak.
6. Teach ichiek en tuiyet ne isipu nebo Isasamet. Ibarten ichiek ak kotach Isasamet tugul.
7. Mwochin Kiboitiotab Isasamet kotesyi kainenywan en Kayumet ne Ming'in ne ng'wong'.
8. Ibwoitik ichiek ilenchi teseta kainetab timto kou ole kou en membayat ne kokosirto (amun mochomwech ng'otutik kewal noton) kobaten igu icheget che nyorchingee melekweek che lelach.

Cheer icheek koyai boisiet tugul ne kimoche en tetutietab TIST en Kayumeng'wong' ne minng'in ak boisionikab Isadsamet.



TIST Ngetunonik che chang.

Ngetunonik chuton ko
kitagetugul ne mogitinyen
komonut missing; kou:-

☐ Omitwogik che mongunen chito.

☐ Ngetunonik chebo omitwogik.

☐ Kartasisiek.

☐ Ole kiunchin beek che yachen en town.

Ne anyun negonu yoitioni en ole kimenye?

☐ Wegetat tuguk chekitinye.

☐ Mogitinye ortinwek che kimuchi keboisien kora.

☐ Mogitinye ole kimuchi kirurugen (korik chemengechen).

☐ Mogitinye kabwuatet agobo ngoyondit neimuch kobit.

Kewelnatet ne bitu yon mogirib.

☐ Ngetunonik en kaa.

☐ Monyoru keret ne kararan kaa.

☐ Nyabiretab beek, koristo, ngungunyek ak bitu myonwek.

☐ Timoksei ortinwekab beek.

☐ Beterisiek kogonu sumu.

☐ Bitu ngemisiet en logok ak tong'ik.

Kogi kurubit ketoretitoi ano?

☐ Kebal korik chegiboisien ak keringoik chegimetechn.

☐ Keboisien solaisiek ak kemete baterisiek.

☐ Kegetingei keboisien cheimugosei (kou plastic).

☐ Keboisien koik katurek en cheimugosei.

- Mat kebel beterisiek, torchin keringet.



Ole imuchi TIST koboisiyoto konyor bandab tai ne tononot.

TIST ko kitou temik che kironochi koto kurubisiek che mengechen che kiborchigei kotononsi musugetab Timwek, Kemeut a Rubet. Kiboisaanyun Temik en kibagege en kerenyuan ak kotete bandabtai ku minetab ketik ak koletab minutik. Kitoo TIST ortinuwek ak koborunoik che kimuchi kengalalen agobo tililindo (kou HIV/AIDS/Covid 19) konetisiet ak omituwogik.

En arawet ne kosirto ko kiyamuch oiti tuiyetab TIST nebo Carbon Africa Forum ne kitoreti UNFCCC, Nairobi Framework Partnership, UNDP ak alak chechang. Tuyosiek chon ko kigiyoen Conotou, Benin in West Africa. Kiya ngalalen agobo **Co-benefits of climate Action on the Achievement of SDG**. En yoton ko kiyongen ole biik che kimiten yoton komuche kongalalen agobo kobwate ne tononot nebo bandabtai, Kiyonyorunen naet ye kinonyon ogetigei. Osome ole kigochingei wolutik chuton bo kabwatet anan keret nebo TIST en betusiek che bwonei

Keretaab Tononetab Bandabtai, ne naat kole imutech ketech Nguwondoni komiten chuton ko Agenda chebo Tononetab bandabtai ko kinyor kerutik 17 che imutech kot koit kenytat 2030. Ako titye tokinet ab ge en kwenunywany. Tononjin united Nationen komoswekab ngwony komiten emotinwek 193.

Kerutik choton ko 17 ago miten kouni:

Keretaab.1. Motimiten bananda.

- Kigebos bananda ago agenge en oeng kongeten 1990, kou 1 en biik 5 konyoru che miten ngwony en \$1.25 an betut.
- Kiit neibu bananda koye monyor kii ne chutu anan ole kisigen. Yon monyor chii kou somanet, rubet, ngalalet, ngalalet en biik ak en kabwatet en kii ne imoche.

- En kobokorisiek ko nyumnyum kobe komonunet kou somanet ak imuchi kotoretyon koik chi ne nyigis.
- Ye nyor ibinda age bananda komuche koyesta en komoswek chechang. Missing kobutyin kebebertab lagok. Amun tinyei en kou; somanet, tililind, omitwogik ak komonyoru ribset. Moityin konyor mogutik chebo kimugul met en sobenyin tugul.

Nee kiit ne kiyai temik en TIST..

- **Chechang en temikab tist ko kikoyai imbarenikwak konyorunen tukuk chemongerin kou (CF), minetab ketik ak rurutik, chechang en imbarenik ko kikonyor okwoindo nebo ngungunyek**
- **waletab kandoinatet ak konunetage en TIST, en murenik ak kobokorisiek ko kinyor borotet ak borowindo nebo boisiet.**

Keretaab 2. Momiten rubet.

Momiten rubet ye kinyoru omitwogik che imuchi koribech ago che tinyei kimnotet komuche kogochi kimnotet agobo kolset.

Nee kiit ne kiyai temik en TIST..

- **Chechang en temik chuton ko kigo-omta agobo(CF), ko mwoe icheget kole nyorunen borotet neo missing.**
- **En betusiechu ko kigomin logoek biik en chongindo niton kogochin konyor omitwogik che kororonen ago chegimen.**

Keretaab 3. Tililindo ak ribet na kararan.

En niton konyor ibinda age tugul tililindo ago itin konyor yamet en tuguk che kororonen.



Nee kiit ne kiyai temik en TIST..

En seminaisiek ak konetisiosiek en kilastaisiek koityin konetisiet kou; HIV, AIDS, malaria, omitwogik, tililindo ko nyoru chi ne mogingen.

Kereta 4: Somanet nebo barak.

Igochin chitugul en ole miten konyor somanet ak kogiletagei ak boroindo.

Nee kit ne kiyai temik en TIST..

- **En ngalaletab biik chechang komwoe kole kigotoret ichek rabisiek chebo ketik en lagokwak en somanet ak konetisiet ne kikonyor chechang.**
- **Kinyorunen alak kelchin en Mazingira bora.**

Kereta 5: Kogimitetab kwonyik.

Kinyor kwonyik ak tibiik kimnotet ak boisionik en koyometabgei.

Nee kiit ne kiyai temik en TIST..

- **En kurubisiek, kilastaisiek, GOCC ak LC ko enchuton tugul komiten waletab kandoindet en biik tugul konyor kimnotet.**
- **Tinye kwonyik boroindo koboisiechi biik en utugul en boisiet.**

Kereta 6: Beek chetililen ak tugul che kiboisien.

Ribetab beek ak ole kiboisioto en kasarta age tugul.

Nee kiit ne kiyai temik en TIST..

Chechang en Temik che kiit imbarenikwak onosiek ko kigonyor ribset imbarenik ak konyor beek che kororon ak kotesak beek en onosiekwak. Tinye temik koyometab ngalek ak biik alak.

Kereta 7: Boisietab kwenik ak tuguk che kiboisien.

Miten maisiek che keboisien ago che kororonen che konu konyorunen tililindo en abogora.

Nee kiit ne kiyai temik en TIST..

- **Ye kingoit Tist jikosiek che kiboisien, kocham temik amun momiten barak missing oliyet. Ago toreti en kwenik amun boisien che ngerin.**
- **En amun tinye temik ketik koitin kochor temenik ak koboisien.**

Kereta 8: Boisiet ak kelunoik che kinyor.

En nito kogochin tononet, ak kobarait kelunoik en biik ak konyor biik boroindo en tuguk alak.

Nee kiit ne kiyai temik en TIST..

- **Tinye temik kiboitinik 150 cheboisiechin en imbarenikwak.**
- **Tinye ketik chebo logoek chenyorunen melekwek, segemik, kwenik.**
- **Tinye kora rabisiek che nyoru en ketikwak.**

Kereta 9: Musoknotet, Tounik ak Tesosiek.

Miten annyun teksosiek ak kogimitetab tuguk che kigetoo ak ngalalet nebo musoknotet ne miten barak missing.

Nee kiit ne kiyai temik en TIST..

Keitigei en ngalalet ko nyumnyum en murenik ak kwonyik kobo neranik. Kigeto kaumetab koristo (Carbon) miten kora minutik che konu rabisiek ak en let konyor imbarenik ribet ne kararan.

Kereta 10: Boisietab koyometabge.

Bose melekwek che chutu en echek ak en emotiinuek alak.

Nee kiit ne kiyai temik en TIST..

- **Tinye neranik ak kuwonyik toretet koyob temik noton kotogunen en tuyosiekab kilasta.**
- **Melekwekab ketik kotoreti temik ye nyoru rurutik chechang ye ribe imbarenikwak.**

**Keretab 11: Tononetab to-onisiekk ak Bororosiek.**

Kigochi to-onisiek ak kimugulmet mengot, ribset ak magutik chemiach.

Nee kiit ne kiyai temik en TIST...

- *Itinge temik ak biikab boror en toretosiek.*
- *Igimite tolochigab tist chi tugul.*

Keretab 12: Ribetab amituwokik ak ole kisigen.

Nyolu komiten ribet ne kararan ak kosibet agobo niton.

Nee kiit ne kiyai temik en TIST...

Tinye temiik imbarenik okwoen en toretetab (CF) boisien keturek, minetab minutikak ketik konyorunen omituwogik.

Keretab 13: Waletab Emet.

Ibi boroinde neo missing en tetetab watetab emet amun miten korisuwek che ngeme emet, ak koboisien tuguk che mongeme.

Nee kiit ne kiyai temik en TIST...

- *En inguni kotinye temik tugul en tist ketik chesire 16+ million che toreti en waletab emet.*
- *En ketik che miten kotinye konoruwetab tannisiek 3.5M che bo koristo ne yaa.*

Keretab 14: Sobet ne miten Beek

Ribet ak koboisien kou nyochosiek, onosiek che echen ak tuguk chegonu mogornotosiek chebo bandabtai.

Nee kiit ne kiyai temik en TIST...

En temik che chang ko kigomin ketik che nomege ak beek ngegusiek ak ole bune beek.

Keretab 15: Sobet en Koret.

Nyolchin kerib kegonorchi, kerib timwek, kerib melewet komatesak ak kerib mengotosiek chebo tiony ak ketik.

Nee kiit ne kiyai temik en TIST...

Kigomin temiik che chang chebo ketik chetoreti mengotosiekab segemik, timwek ak kowech imbarenik che kigage musuch koboisien konyor omituwokik.

Keretab 16: Kaliet, imanda ak ole somonen kipsomaninik.

Kigimit kalyet ak keribchi biik imandanyuan asi konyor bandabtai ak konyor chi tugul naenyin kou ole kaimuch.

Nee kiit ne kiyai temik en TIST...

Boisie temik ak bororiosiek che chang kogimitetab tolochigab TIST.

Keretab 17: Koyometab kibagengeisiek en keroniton.

Kogimitetabge en tuguk che kimoginge en bandabtai.

Temik en TIST...

Boisie tist ak toretik kou, Kenya Forest Service, Taylors of Harrogate, Freshfields ak USAID.

En anyun kenutichuton kainyori, kemoche igonech kabuwatengung ne noton kit ne giya kurubit ago monyori en chu 17.

Kimoche kora igonech naengu ole imuchi kotoretito temik anan ko konetisiet ne momiten en chuton asi kimuch kenyorunen melekwek che miten barak.

Ongalalen en tuiyetab kilasta as komuch koyok kiboitoyot nebo kilasta.