

# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter March 2026

English Version

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

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Dial \*709# (Safaricom) or \*789\*7000# (Other Networks) and get to know more about TIST and your Small Group. Follow the prompts. Safaricom is Free.



Kiandege TIST Cluster meeting held on 16/02/2026. Next meeting will be held on 16/03/2026.

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## TIST: Progress of 2024 Profit Share and Preparations for 2025 Profit Share.

**W**e are happy to announce preparations for 2025 Profit Share are almost complete.

We began 2024 Profit Share from December of 2024. We are now hopeful to conclude 2024 Profit Share by March 31<sup>st</sup> 2026. This will give us a chance to begin 2025 Profit Share a month later. If some of the Small Groups will have pending payments, our plans are to roll them over to 2025 Profit Share.

Some Farmers have requested for 2 payments instead of 3 payments. Others prefer 3 payments. We are consulting widely about these two approaches. We will inform you on decision made. If it will be like 2024 Profit Share, 2025 Profit Share will be paid in three installments as follows;

1. First Payment (1/3 of the total amount):  
Your Small Group need to attend a Cluster meeting. Your Cluster Servant will provide you with Payment status of your Small Group. If your Small Group has 2025 Profit Share payments, your Small Group is required to meet as a group; decide and select your Mpesa Custodian and two witnesses. You will submit these details to your Cluster Servant. Upon review and confirmation that your details are correct, Cluster Servant will initiate a Payment

Process that will have your Small Group receive your 1/3 payments via Mpesa mobile money.

If your Small Group has no payments, do not worry or panic! Your Cluster Servant will give you reasons why you don't have a payment. Some of the reasons that your Small Group may not have a payment include: -

- If your Small Group has not been quantified in last 18 Months,
- If your Small Group has lost many trees since previous payment/ quantification,
- If your Small Group hasn't signed the GHG Contract,
- If members of your Small Group who are quantified trees are different from those on the contract or different from those who have signed your voucher,
- If your Small Group has incomplete or missing Baseline information, or if your Small Group has no trees or they are too small to create carbon credits.



Some of these issues can be fixed quickly and some can take longer, but once they are fixed, your Small Group will qualify for payments. Ask your Cluster Servant to show you **Farmers page or Quality Assurance page** from TIST website where you can see all information about your Small Group.

2. Second Payment (1/3 of the total amount): Again, your Small Group is required to attend a Cluster Meeting. This time, your Small Group will be issued with a paper voucher. This Voucher is important because it recognizes the Visible Benefits your Small Group has achieved. It is important that ALL members of your Small Group should meet and discuss this Voucher. Every member is required to sign and amounts for each person indicated.

Like payment one, your Small Group is required to decide on your Mpesa Custodian and two witnesses. You will submit a Signed Voucher to your Cluster Servant. Upon review and confirmation that your details are correct, Cluster Servant will initiate a Payment Process that will have your Small Group receive your 1/3 payments via Mpesa mobile money.

3. Third and Final Payment: When you receive the second payment, please contact your Cluster Servant so they may initiate payment for your final payment. Like Payment 1, this payment is

paperless. It's an e-voucher. If a decision is made to pay into two instalments, this payment is likely to be combined with First payment. But as we mentioned above, we will communicate accordingly when this decision is made.

**Important:** All payments will be made through Mpesa. Mpesa Custodian will receive Payment from Clean Air Action Corporation with an Mpesa Confirmation Message. Withdrawal Changes are added to the payment. Cluster Servant will at the same time, send an e-voucher (Via SMS) to your Small Group two witnesses and Mpesa Custodian. Always, keep safe records of your payments and other Small Group activities.

**Reminder:** Always adhere to TIST Values. Mpesa Custodian have a responsibility to make sure their Phone and Identity Card (ID) numbers are correct. Further, make sure Members get their share of payments promptly. Keep records. It is against TIST Values to share your Small Group payments with any TIST employees or persons whom your Small Group members haven't consented to.

If you have questions about your Small Group payments, kindly talk to your Cluster Servant / Cluster Leader or contact Jane 0713 436 028 or Kibe 0722 909 647.



## TIST: Small Group Techniques: Group interaction.

**a) What is the best way to arrange people during a Small Group meeting?**

A small circle is the best. Don't have a table because it creates barriers between people. Don't have a chair and a large seat for the most important person. In TIST, we all sit the same way. We either all sit on the ground, or we all sit on chairs.

**b) What do you do if more than twelve people want to join your group?**

If there are more than twelve people interested in joining your group, it is best to form a new group. The group can multiply with two, or three or four members of the original group forming the core of the new group. This is better than one member trying to start a group alone. Remember to start using rotating leadership straight away.

**c) What techniques can you use if the group energy is low?**

Split up the group into pairs and get each pair to talk about the task. Dramas also help.

Sometimes stopping and each person saying something good that their group is doing can also motivate people again. Also remember to keep the meeting from becoming too long. By having a Co-leader who is keeping time, you can focus the group's energy on making sure the work gets done in the agreed upon time period.

### Meeting Schedule:

To manage time well, a Small Group should have a well-organized meeting schedule. This is important because it will help you keep focus on your agenda and the most important activities. It is also important because in TIST, we commit to work together for the long-term to improve our farms and grow and maintain our trees for the carbon market. We need to know our fellow Small Group members well, since each person's actions impact our whole group and all of TIST.

It is important, too, for your Small Group to have regular meetings, preferably once a week or once in two weeks. This will give all members in your group an opportunity to strengthen your group and share and learn new ideas.

During your meeting, it is necessary to focus on important issues. Many TIST Small Groups have found the process below as a Best Practice for successful meetings:

**Step I. Greetings and introductions for any new members (5 – 15 minutes):**

Make sure everyone feels welcomed. Make it brief but let each person introduce him or herself.

**Step II. Opening prayer (2 minutes):**

A short word of prayer can help the group unite.

**Step III. Songs (5 minutes):**

These could be songs written by your group, or songs that encourage people such as religious songs.

**Step IV. Agreement on task and time (5 minutes):**

The meeting's leader explains what was planned for the meeting and the group members discuss and then agree on what the agenda should be. The time spent on each task or discussion should be agreed so that the co-leader can help keep the meeting on time.

**Step V. Group work on tasks (1 hour):**

Ideally, tasks should have been discussed at the end of the last meeting. Tasks might include sharing what each person has done to help TIST activities, sharing Best Practices, training on some subject of interest, and any other important issue that will help your Small Group to prosper.

**Step VI. Kujengana (5 minutes):**

Each group member makes one positive, specific statement to that week's leader about his or her observable leadership of the meeting. In addition, anyone may identify a gift seen in the leader.

**Step VII. Closing prayer (2 minutes)**



# TIST: Sustainable Development.

## **Global Environmental Overview.**

Kenya does not exist in isolation from the rest of the world and having knowledge about world environmental problems can help to identify future risks to Kenya. It is important to look at the world's environmental problems and understand the negative effects on our environment.

## **Climate change.**

The burning of fossil fuels (coal, oil, natural gas) produces carbon dioxide. This traps heat in the atmosphere causing the earth's temperature to increase, polar ice caps start to melt, and the sea level rises. This results in an increased risk of flooding and increasing temperatures which have negative effects for agriculture in parts of the Africa continent and the world.

## **Air pollution**

Poisonous fumes from industries and vehicles can cause respiratory problems for people. The fumes can dissolve in rainwater forming acid rain, which damages plants and buildings. Many cities have problems with smoke where the pollution hangs over the city like low-lying clouds or mist that

reduces visibility and causes health problems.

## **Water pollution.**

Industry waste, sewage and chemical fertilizer waste from farmers can enter streams, rivers and oceans polluting the world's water sources and causing harm to plants, animals and human health.

## **Decreasing biodiversity.**

Biodiversity means the total variety of all different plants and animal species. Pollution and deforestation decrease the number of living species with over 100 species becoming extinct each day. This reduces resources used for materials, energy and medicine.

## **Desertification.**

When land loses all vegetation and the soil becomes dry and blows or washes away, land becomes less productive. This is also known as the 'spread of deserts' turning fields and pastures into barren wastelands encompassing many hectares of land areas, which are potentially at risk.

**Hazardous Waste.**

Toxic and poisonous waste can come from factories using chemical or radioactive materials. The waste harms all ecosystems through disasters such as when a Union Carbide pesticide factory leaked chemicals in Bhopal, India, causing the factory to explode.

**Acid Rain**

Already mentioned under the air pollution section above, acid rain destroys forests and lakes, especially in Europe and North America. When pollution dissolves in water it makes the rain acidic. Trees, plants, fish and even buildings are all affected.

**Ozone Depletion.**

Certain chemicals like chlorofluorocarbons (CFC's) are used in products for refrigeration and other industrial processes but are now found to destroy the ozone layer. The Ozone layer protects the earth from harmful sunrays known as ultra-violet rays (UV). When the chemicals destroy the ozone layer, increased levels of UV rays can reach the earth's surface and are harmful to human health, causing skin cancer and other illnesses.

**Urban Problems**

Many towns and cities suffer from litter, air pollution, noise pollution, congestion and decreasing areas of countryside.

**Resource Depression.**

Increased energy and material requirements throughout the world are causing natural resources like oil, coal, minerals and forests to become depleted. This encourages competition for resources causing increased international conflict. Finding more resources for energy requirements will soon become a big problem unless alternative sources of energy are used like water, wind or nuclear energy instead of using finite resources of oil, coal and gas.

**Trainers ask Cluster participants these questions:**

What do you think TIST should do about these problems?

Encourage your TIST Clusters and other community members to plant more trees to minimize some of these climatically bad effects so our environment can be better!

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**Mkutano wa Nguzo wa TIST wa Kiandegede uliofanyika tarehe 16/02/2026. Mkutano ujao utafanyika tarehe 16/03/2026.**

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# TIST: Gwita na mbere kwegie marihi ja baita ya mwaka jwa 2024 na mibango ya marihi ja baita ya mwaka jwa 2025.

**T**uri na kugwirua tukibumenyithia mibango ya marihi ja baita ya 2025 iri akuhi kurika.

Twanjiririe marihi ja baita ya mwaka jwa 2024 mweri jwa Disemba 2024. Nandi ni tukwirigirira kurikiiria marihi ja baita ya 2024 tariki ya muthia 31 Machi 2026. Bubu bugatua kaanya ga kwambiria marihi ja baita ya mwaka jwa 2025 mweri jou jukathingatiira. Kethira kuri na ikundi imwe ikethira itarikia kugwata marihi jao ja 2024, mubango jwetu ni gwikia marihi jaja Kiri marihi ja mwaka wa 2025.

Arimi bamwe nibarombete kwithirwe Kuri na marihi maita jairi na ti maita jathatu. Arimi bangi nibagukeneera maita jathatu. Nitwitiite mbere kwaraniria ni njira iriku tukathingatiira. Tukabumenyithia itagaria riria tukajukia. Kethira, marihi jakathingatiira njira ya marihi ja 2024, marihi Ka baita ya 2025 jakariwa na mainda jathatu ja uku:-

I. Marihi ja mbere (1/3 ya marihi jonthe):  
Gakundi gaku kanini nonkinya geete mucemano jwa clasta. Clasta servant waku agakumenyithia jegia gakundi gaku. Kethira gakundi kenu Kari na marihi ja 2025, Gakundi gakundi nonkinya gacemanie na kathure uria agekirwa mbecha na akuji bangi bairi. Gakundi Karia

kuthuura antu baba gatumire clasta servant mpumi iji. Clasta servant nawe ategeera na kwona ripoti ni injega nawe agatuma ntumiiri iji nikenda gakundi kagwata marihi gukurukiira mpesa jari gicunji 1/3 Kia mbere.

Kethira gakundi gaku gatina marihi, utikamake! Clasta servant waku agakumenyithia itumi jia kwaga marihi. Imwe jia itumi iria ikagiria gakundi gaku kagwata marihi ninja:-

- Kethira gakundi gaku gatitariri miti ndeene ya kagita ka mieri 18,
- Kethira gakundi gaku nikanyiitie miti imingi kuuma marihi ja muthia kana utari wamuthia wa miti.
- Kethira amemba baria batariri miti bari na mwanya na baria bacainite contract kana bari na mwanya na baria bacainite vocha.
- Kethira gakundi gaku kari na mantu jatiujuritue bweega ja baseline, kana gakundi gatina miti kana miti ni iminini muno untu itiona Kaboni.



Jamwe ja mantu jaja no jathondekwe na mpui na jangi no jajukie kagita Karaja, no jarikie kuthithua, gakundi gaku gakagwata marihi. Uria clasta servant waku akwonie ndeene ya mitandao **Farmers page kana Quality Assurance page** aria uumba kwona mantu jonthe jegie gakundi gaku.

2. Marihi ja kairi (1/3 ya mbeca cionthe)  
Ona kairi, gakundi gaku nonkinya geete mucemano wa clasta. Kagita gaka gakundi gaku gakanenkerwa vocha. Vocha iji ni ya gitumi niuntu ikonithania mantu jaria gakundi kathithitie ja bata jakwoneka. Ni untu bwa bata amemba bonthe ba gakundi bariririe vocha iji. Mumemba o wonthe nonkinya acaine na ikionithanagia mbeca iria o muntu akagwata.

Oja marihi ja mbere, gakundi gaku Niko gakuthuura uria agekirwa mbeca na akuji bangi Bairi. Vocha iji icaini ikinyirue clasta servant. Clasta servant nawe ona ati niyujuritue bweega nawe akamituma nikenda gakundi koomba kugwata marihi ja gicunji Kia 1/3 gukurukiira mpesa.

3. Marihi ja jathatu na ja muthia:  
Warikia kugwata marihi ja kairi, araniria na clasta servant waku nikenda atume ripoti yenu buumba kugwata marihi ja muthia. Oja marihi ja mbere, marihi jaja jatina vocha. Ni marihi ma thimu. Kethira

njira ya kuriha mbeca maita jairi niyo igakurukua, marihi jaja ja jathatu nojagwatithanue na marihi ma mbere. No, ja uria tugiire tukibumenyithia bweega itua riri riakurukua.

**Utu bwa bata:** marihi jonthe jakathithua gukurukiira mpesa. Mumemba uria buthuurite akagwata mbeca kuuma Clean Air Action Corporation na ntumiiri ya kwona mbeca. Marihi ja kuruta nijongeretue Kiri mbeca. Clasta servant nawe agatuma ntumiiri na thumu kiri akuji ba gakundi bariririe na nkinya mumemba uria wikirwa mbeca. Niwega kagita konthe gwika rekodi jia gakundi gaku.

**Kiririkania:** Kagita konthe thingatiira TIST values. Mumemba uria buthuurite gwikirwa mbeca nonkinya aejane namba iria yongwa ya thimu na nkinya ya kibandi. Nkuruki tigiira amemba na gakundi nibakugeata mbeca jiao burial ibataritue na itigucererwa. Ika rekodi bweega. Ni mugaru na watho TIST values kugaa mbeca cia gakundi gaku na muruti ngugi wa TIST kana muntu o wonthe uria gakundi gaku gatiitikiritie.

Kethira uri na kiutiankiegie marihi, bubwega warie na clasta servant waku, mutongeriabwa clasta kana Jane 0713436028 kana Kibe 0722909647.



# TIST: Njira cia kwaraniria cia ikundi inini.

## a) *Ni njira iriku iri injega buru ya kubangania antu mucemanione jwa gikundi gikinini?*

Kithiururi gikinini ni njira iria njega buru. Gukethirwa kurina metha niuntu nitumaga gukagia kigitaria gati gati ka antu. Gukethirwa kurina giti kana giti gikinene kia muntu uria urina gitio kiria kinene buru. Ndene ya TIST, twinthe tukaraga nthi na njira imwe. Twinthe tukaraga nthi muthetune kana tugakarira iti

## b) *Niatia buumba kuthithia kethira antu nkuruki ya ikumi na bairi ibakwenda gutonya gikundine kienu?*

Kethira kurina antu nkuruki ya ikumi na bairi baria bakwenda gutonya gikundine kienu, ni bwega nkuruki kwambiria gikundi gikieru. Gikundi nokigaane jairi, kana amemba bathatu kana banna ba gikundi kiu gikuru baambie gikundi gikieru. Iji ni njira injega nkuruki ya mumemba umwe kugeria kwambiria gikundi wenka. Ririkana kwambiria utongeria bwa kithiuruko orio.

## c) *Ni njira iriku umbu gutumira kethira inya ya gikundi iri nthiguru?*

Gaana gikundi kie antu bairi bairi na antu bau bairi baririe ngugi iria irio. Matinda kinya jo nijatethagia. Rimwe na rimwe kurungamithia na kuuria o muntu auge gintu kimwe gikiega kiria gikundi kienu gikuthithia o gutethia gwekira antu motisha ingi. Ririkana kinya kumenyeera ati mucemanio jutarea mono. Na njira ya kwithirwa kurina muthetheria wa mutongeria wa gwika mathaa, bukomba kwerekeria inya ya gikundi kiri kumenyeera ati ngugi ikathithika ndene ya mathaa jaria ibangiri.

### **Mubango jwa mucemanio.**

Kenda mathaa jatumika bwega, gikundi gikinini nikibati kwithirwa kiri na mubango jubangi bwega jwa gwitithia mucemanio. Bubu burina bata niuntu bugatetheria kumenyeera ati mathuganio nijerekerete mantu jaria jabangiri na mantu jaria jarina bata nkuruki. Kinya burina bata niuntu ndene ya TIST, nituciritahira gwitaniria ngugi amwe kenda igitene riraja tukura na twika miti yetu bwega niuntu bwa thoko ya ruugo. Nitugwitia kumenya amemba ba gikundi gietu gikinini bwega niuntu mathithio ja o muntu nijathithagia mwanya kiri gikundi na TIST yonthe.

Kairi burina bata gikundi giaku kinini gwita micemanio ya igita nyuma ya igita, mono o kiumia kana rimwe ndene ya biumia biiri. Bubu bukaa

amemba bonthe ndene ya gikundi giaku kanya ga gwikira gikundi inya na kugaana na kuthoma mantu jameru.

Mucemanione, kurina bata kwerekeria mathuganio mantune jaria jarina bata nkuruki. Ikundi bibinini bibingi bia TIST nibionete njira iji iri mwitire juria mwega buru kiri kuthithia micemanio ya bata:

**Itagaria ria mbele. Gukethania na gucimenyanithia kwa amemba baaberu (Dagika ithano gwita ikumi na ithano):** Menyeera ati muntu wonthe nakwigua ang'anirite. Dagika inkai itumirwe indi umenye ati o muntu nakwimenyithania wengwa.

**Itagaria ria jairi. Iromba ria kwambiria (Dagika ijiri):** Iromba ririkui noritethia kureta gikundi amwe.

**Itagaria ria jathatu. Ndwimbo (Dagika ithano):**

Iji nociithirwe ciandiki ni gikundi kienu kana ndwimbo cia gwikira antu inya ta ndwimbo cia kidini.

**Itagaria ria janna. Gwitikaniria ngugi na mathaa (Dagika ithano):**

Mutongeria naugaga jaria jakathithua mucemanione na amemba ba gikundi bagetikaniria kurita ngugi iu. Mathaa jaria jagatumika kuthithia o ngugi kana kwaraniria nijabati gwitikanirua nikenda mutetheria wa mutongeria agatetheria gwika mathaa ja mucemanio.

**Itagaria ria jatano. Gikundi gikarita ngugi iria irio (Ithaa rimwe):**

Kiri njira iria bwega buru, ngugi nicibati kwithirwa cjaariritue mucemanio jugikinya muthia. Ngugi nociithirwe ciri amwe na kugaana jaria o muntu athithitie gutethia mantu ja TIST, kugaana mitire iria miega buru, kuritana kwegie mantu jaria antu bakwenda na gintu kingi kiria kirina bata na kiria gigatethia gikundi giaku gwita na mbele.

**Itagaria ria jatantatu. Gwakana (Dagika ithano):**

O mumemba wa gikundi auge gintu kimwe gikiega kiri mutongeria wa kiumia kiu kwegie utongeria buria bwonekete ndene ya mucemanio. Kwongera, muntu omba kuuga kiewa kiria oonete ndene ya mutongeria ou.

**Itagaria ria mugwanja. Iromba ria kuthiria (Dagika ijiri):**



## **TIST: Witi na mbele bwa gutura.**

### **Mwonerwa bwa nthiguru bwa kumenyeera riera.**

Kenya itiumba kwi ebaniria na nthiguru ingi na iri na umenyo bwigie mathina ja nthiguru jegie jaria jatuthiurukite yomba gutethia kwona thina iria ciumba kwoneka. Nibwega gutega mathina ja kinthiguru jegie jaria jatuthiurukite na kumenya thina yajo kiri jaria jathiurukite.

### **Ugaruruku bwa Riera.**

Kuithia makara, utumiri bwa maguta na gas niku kuritaga togi ta carbon dioxide. Bubu nibu bugwata mwaki kuuma kiri riera na kureta murutira ju munene ndeene ya nthiguru na gukagia na kureruka kwa mbarabu na nduji cia maria ikambiria kuneneha. Bubu burtaga thina ya kwijura kwa nduujini na wongereku wa murutira uria uretaga thina kiri urimi guntu kumwe kwa Afrika na nthiguru yonthe.

### **Ruko rwa riera.**

Ruko rwa miruki kuuma kiri macini na ngari ni iretaga thina cia kuhuhia kiri antu. Miruki iji ni itukanaga na mbura na ikareta mbura iri na acid iria ithukagia imera na nkinya miako ya nyomba. Tauni ingi nacio iri na thina ya toogi iria icucuraga rerene igakara ja matu

ja mbura kana ikareta nduume nkinya kwona gukareta thina na nkinya thina ya kuhuhia.

### **Ruko rwa nduujini.**

Ruko kuuma kiri makambuni, siwage na ruuko rwa kemical cia betiliza kuuma kiri arimi niciitaga kiri tumiuro, miuro na maria jagikira ruuko kiri naria nduujini ciumaga na rukarta thina kiri imera, nyamu na nkinya ugima bwa antu.

### **Kunyahia utuuro bwa mimera na nyamu.**

Jaria jatuthiurukite ni kuuga mithemba ya imera na mithemba ya nyamu. Gwaka riera ruko na kunyahia miti nikunyahia imera na nyamu gwa kiwango kia mithemba 100 o kiri ntuku.

Bubu nibunyahia utonga bwa into, inya wa stima na ndaawa.

### **Kuthira kwa mimera.**

Riria nthiguru yathira imera na muthetu tukauma na jugatuika jwa gukamatwani ruugo, miunda ithagirwa itina maketha kairi. Guku gwitagwa gutamba kwa ndwanda, kugarura bieni igatuika itina gintu kwogu gukareta nthiguru kiri thina.

**Matigari jari na sumu.**

Matigari jari na sumu jaumaga kiri factory iria itumagira ma kemical. Matigari jaja jathukagia mantu jonthe kiri nthiguru ja uria Union Carbide yaumiri kiri factory ya Bhopal nthiguru ya Infia na gutuma yalipuka.

**Mbura iri na Acid.**

Oja uria twaririe kiri gwaka riera ruko au kabere, mbura iri na acid ni ithukagia miitu na maria, muno kiri nthiguru ya Europe na mwena wa ruguru wa America. Riria ruko ruru rwatukana na nduuji gutumaga mbura ithirwa iri na acid. Miti, imera, samaki na nkinya miako ni itukaga cia kuona thina.

**Kuthiria Ozone.**

Kemical imwe ja Chloroflourocarbons (CFC's) ni itumikaga kiri into imwe kujieka gwa kagita kanene na nkinya kiri ma industry no nikumenyekanite ati ni ikuthukia murengeti juria tutugitagira kumania na riuga. Murengeti uju ni utugitagira kumania na riuga jario Ultra-Violet Rays (UV) Riria kemical iji ciathukia murengeti uju, murutira ni jwongerekaga na jukareta thina kiri antu gukoneka mirimu ja cancer ya ngosi na mirimu ingi.

**Mathina ja Matauni.**

Matauni ja maingi ni joonaga thina ya ruuko rwa mati, rwa miruki, rwa kinene, rwa antu kwingia na kuhinyikana na nkinya kunyia kwa guku kwa gukara.

**Kunyiha kwa utonga wa into.**

Kwongereka kwa ubataru wa into ja mwaki wa stima na into cia gwita ngugi kiri nthiguru nigutumite into ja maguta, makara, minerals ona miitu kuthira. Guku kwongagiira ubataru munene wa into iji na gukareta thina kiri nthiguru yonthe.

Kugwata into inyingi cia gutumira kugatuika thina umunene tiga gucuiwe njira ingi cia kuona into iji ja ruuji, ruugo, nuclear energy kanyene ka into ja maguta, makara na gas.

**Arimu, urieni biuri bibi kiri amemba:**

Buriona TIST ibwirite kuthithia atia mantu jegie thina iji?

Ikirani inya clasta cia TIST na amemba bangi nturene baande miti imingi banyihie jamwe ja mathina ja ugaruruku bwa riera nikenda jaria jatuthiurunkite jabue.!

# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter March 2026

**Kikuyu Version**

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

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**Dial \*709# (Safaricom) or \*789\*7000# (Other Networks) and get to know more about TIST and your Small Group. Follow the prompts. Safaricom is Free.**



**Mucemano wa clasta ya Kiandegwe TIST Cluster uria wari mweri 16/02/2026.  
Mucemano ungi ugakorwo mweri 16/03/2026.**

- Thiini wa ngathiti:**
- ✓ TIST: Guthii na mbere kuriha share cia faida cia mwaka wa 2024 na kwihariria kuriha cia mwaka wa 2025. *Page 2*
  - ✓ TIST: Maundu ma ikundi: Uikarania wa ikundi. *Page 4*
  - ✓ Mogaruruku mangihoteteka. *Page 5*



# TIST: Guthii na mbere kuriha share cia faida cia mwaka wa 2024 na kwihariria kuriha cia mwaka wa 2025.

**T**uri na gikeno kwanirira mehariria ma kuriha faida cia share cia mwaka wa 2025 ni urikiriire.

Twambiririirie kuriha faida cia share mwaka-ini wa 2024. Turi na witikio ati ni tukurikiriirie marihi ma faida cia share cia mwaka wa 2024 gugikinya mweri wa gatatu 31<sup>st</sup> 2026. Undu uyu ni ugutuhe mahinda ma kwambiririe kuriha faida cia share cia 2025 thutha wa mweri umwe. Angikorwo ngurubu nini ni igukorwo na marihi matigarite, wendi witu ni gutwara mbere na gutukanira na marihi ma faida cia share cia mwaka wa 2025.

Arimi amwe ni moritie marihagwo maita mweri handu ha maita matatu. Angi marena maita matatu. Ni turecurania undu-ini uyu. Ni turimwira macokio. Angikorwo tukariha ta mwaka wa 2024, faida cia share cia 2025 cikarihwo maita matatu ta uu;

I. Marihi ma mbere (1/3 cia marihi mothe): Ngurubu yaku nini irabatara guthii mucemania wa clasta. Muthukumi wa clasta ni akumwira uria marihi ma ngurubu yanyu nini mahaana. Angikorwo ngurubu yanyu nini iri na marihi ma faida cia share cia mwaka wa 2025, ngurubu yanyu nini ikubatara gucemania ta gikundi; gwicurania na guthura nuu Mpesa yake ikuhuthirwo na arumiriri eri. Muheane maundu maya kuri muruti wira wa clasta. Maundu maya mathurimwo na kwonekana ni mega,

muruti wira wa clasta no kwambiriria mubango wa marihi maria magutuma ngurubu yanyu nini kwamukira 1/3 ya marihi kuhitukira Mpesa.

Angikorwo ngurubu yanyu nini ndiri na marihi, mutikamake! Muruti wira wanyu wa clasta ni akumwira gitumi gia kwaga marihi. Maundu maria mangituma ngurubu yanyu nini yage marini ni ta:-

- Angikorwo ngurubu yanyu nini ingikorwo nditariirwo handu-ini wa mieri 18 mhituku,
- Angikorwo ngurubu yanyu nini ni itete miti thutha wa marihi / gutarwo,
- Angikorwo ngurubu nyanyu nini ndi kirite kirore form-ini ya GHG Contract,
- Angikorwo a memba a ngurubu nini aria mari na miti itaritwo ka uria uhurite kirore thiini wa voucher ni mundu ungi,
- Angikorwo ngurubu yanyu nini ingikorwo iri na mandiko ma gwako mataroneka, kana ngurubu yanyu ndiri na miti kana tumiti tunini tutangihota guthondeka carbon credits.



Maundu mamwe ma maya no mathondekeke na ithenya na mamwe no moye ihinda iraihu, no mathondekwo, ngurubu yanyu nini no kurihwo. Uria muruti wira wa clasta gukuonia **page ya arimi kana page ya Quality Assurance** kuma TIST website kuria ungi ona maundu mothe ma ngurubu yaku.

2. Marihi ma keru (1/3 ya marihi mothe):

○ ringi, ngurubu yaku nini irabatara guthii micemanio ya clasta. Mahinda maya, ngurubu yaku nini ni ikaheo voucher ya iratathi. Voucher ino ni ya bata tondu niyo yonanagia umithio wa ngurubu yaku uria igite nagwo. Ni kwagiriire ambemba OTHE a ngurubu yanyu nini gucemanina na kwaririria uhuro wa voucher iyo. ○ mumemba oro wothe arabatara gwikira kiore na mbecha iria ciandikitwo.

Ota marihi ma mbere, ngurubu yanyu nini irabatarikana kuruta uria uguikana na namba ya Mpesa na arumiriri eri. Muheane voucher iria muhurite kiore kuri muruti wira wa clasta. Amithurima na gwitikira na mandiko mayo ni mega, muruti wira wa clasta no kwambiriria marihi na ngurubu yanyu nini na kwamukira 1/3 ya marihi kuhitukira Mpesa.

3. Marihi ma gatatu na ma muicho:

Mwamukira marihi ma keru, irai muruti wira wa clasta niguo ambiririe marihi ma muico. Ota marihi ma mbere, marihi maya ni matihuthagira maratathi. Mahuthikaga

e-voucher. Angikorwo ni muiguthaniirie kuriha maita meri, marihi may no marihwo na marihi ma mbere. No ota uria tugire hau mbere, ni tukumwira mibango ya rikirira.

**Undu wa bata:** Marihi mothe marihagwo kuhitukira Mpesa. Muigi wa namba ya Mpesa akamukira marihi kuma kwa Clean Air Action Corporation hamwe na Mpesa message. Mbecha cia kuruta ni nyongerere hari marihi. Muruti wira wa clasta oro ihinda riu, agatuma e-voucher (Via SMS) kuri mathuritwo mar witness a ngurubu nini na muigi wa namba ya Mpesa. Hingociothe, igai record njega ya marithi manyu oro hamwe na maundu ma ngurubu yanyu nini.

**Kiririkano:** Hingociothe rumirira TIST Values. Muigi wa namba ya Mpesa niagiriire kuiga namba ya thimu na kibandi iri njega na ciama. Hamwe na uguo, reke mumemba amukire marihi make uria magiriire. Iga records. Kuringana na TIST Values gutiagiriire kugayana uhoro wa marihi ma ngurubu yanyu nini na muruti wira wanyu wa TIST kana mundu oro wothe wa ngurubu yanyu nini utekirite kiore.

Angikorwo uri na kiuria kigie marihi ma ngurubu yanyu nini, ariria muruti wira wanyu wa clasta / mutongoria wa clasta ka waririe Jane 0713 436 028 kana Kibe 0722 909 647



# **TIST: Maundu ma ikundi: Uikarania wa ikundi.**

**a) Ni njira iriku njega ya kubanga andu mucemano-ini wa ikundi?**

Githiururi kinini nikio kiega. Mutigakorwo na metha tondu niikoraga mikira andu-ini.

Mutigakorwo na giti kinene kuri iria ingi kia mutongoria. Thiini wa TIST, ithuothe tuikaraga undu umwe. Tuikaraga thi kana tugaikarira iti.

**b) Twikaga atia riria andu makiria ma 12 magia na wendi wa kuingira gikundi?**

Riria kwagia na andu makiria ma 12 marena kuingira gikundi, niwega guthondeka gikundi kingi. Gikundi giki nokigayano maita 2 kana 3 ona kana 4 na niwega andu a tene gikundu mambiririe icio ingi mari o. njira ino ni njega gukira amemba eru makigeria guthondeka gikundi kieru mari oiki. Ririkanai guthiururukia utongoria.

**c) Ungika atia riria hinya wagikundi wathii thi?**

Gayania amemba eri eri na umere mariririe uhoro ucio. Geriai guthaka mithako ya ngerekano tondu niiteithagia.

Maita maingi riria mundu umwe arugama kuga maundu maria mega muhotete gwika niguteithagia muno na gugekira hinya ringi. Na ningi ririkana ndukareke micemano inenehe muno. Riria muri na muteithia wa mutongoria uria uraiga mathaa, nouhote kuhuthira mucemano wega na mukaiguithaniria.

### **Mutaratara wa mucemano.**

Niguo kuhuthira mathaa wega, ikundi ciagiriirwo nigukorwo na micemano mibang wega. Njira ino niya bata tondu niigutuma murumirire mutaratara na muhote kwaririria maundu maria ma bata. Nangingi niyabata tondu thiini wa TIST nitukoragwo twiheanite gukiria na gutungata miti gwa kahinda kanene niundu wa thoko ya carbon. Nitwagiriirwo nikumenya arimi othe a ikundi wega, tondu ciiko cia I mundu nicia bata kuri gikundi.

Niundu wa bata, na makiria kuri gikundi gukorwo na micemano ya o hindi na mungihota o wiki. Uu niukuhe amemba thiini wa gikundi kamweke ga gwikira gikundi hinya.

Riria muri na micemano, niwega murore maundu maria ma bata. Ikundi nyingi niconete mutaratara uyu ukimateithia muno.

### **Ikinya ria I: Kugeithania na kumenyithania amemba eru(Ndagika 5-15):**

Tigirira o mundu niaigua amukiritwo wega. Mutikoe kahinda kanene no utigirire andu nimemenyithania.

### **Ikinya ria II. Mahoya ma kuhingura (Ndagika 2):**

Mahoya manini nimateithagia kunyitithania giundi.

### **Ikinya ria III Ruimbo(Ndagika 5):**

Ici nocikorwo iri nyimbo citungitwo ni gikundi kana ciagwikira andu hinya na cia kugooa Ngai.

### **Ikinya ria IV. Kuiguithania kiria gikwariririo na mathaa (Ndagika 5):**

Mutoingoria agatariria maundu maria makwariririo nao amemba magetikaniria. Mahida m a r i a makuhuthirwo kwaririria makaiguithanirio niguo muteithia wa mutongoria akahota kuiga mathaa.

### **Ikinya ria V. Kwaririria maundu (ithaa I):**

Niwega maundu maria makwariririo makoragwo mathondeketwo mucemano-ini urcio ungi. Maundu maya nita uria andu mahotete gukuria TIST, guthomithania maundu na mitaratara bata iria iguteithia gikundi gukura wega.

### **Ikinya ria VI. Kujengana (ndagika 5):**

O memba wa gikundi niaheanaga kaundu kega ka wiki iyo na akauga uria onete utongoria thiini wa mucemano. Na makiria, mundu o wothe akauga kiheo kiria onete hari mutongoria.

### **Ikinya ria VII. Mahoya ma kuhinga (Ndagika 2):**



## **Mogaruruku mangihoteteka.**

### **Global Environmental Overview.**

Kenya ndikoragwo keheri-ini kuma kuri thi yothe na riria twagia na umenyo wa mathina ma maria maturigiciirie notuhote kumenya ugwati uria utung;etheire turi Kenya. Niundu wa bata kurora mathina ma maria maturigiciirie thi yothe na tutaukwo ni mathina maria mangirehwo kuri ithui.

### **Ugaruruku wa riera.**

Gucinwo kwa indo cia tene ta (coal, maguta na natural gas) nikuingihagia carbon dioxide. Njira ino nihitagiriria urugari riera-ini na kwa uguo gutuma thi kwongerereke urugari. Barafu cia riera-ini cikambiriria gutwekuka na maai ma iria makambatira. Maundu maya nimatumaga kugie na miiyuro ya maai na kwongerera riera njira iria ikoragwo na mathina ma kuhotomia urimi na makiria icigo cia Africa thiini wa thi..

### **Uthukia wa riera.**

Ndogo njuru na iri na giko kuma iganda-ni o hamwe na ngari nocirehe thina wa mahuri kuri andu. Ndogo ino riria yathii riera-ini niithondekaga mbura iri na acid, iria ithukagia mimera na miako. Cities nyingi nicioretwo na thina wa ndogo kuria ndogo ino

iinyitagirira na igacuha ta matu kana thatu na andu makaga gukorwo makiona wega ohamwe na gukorwo na ugima muuru wa miiri.

### **Uthukia wa maai.**

Giko kia iganda, giko kia ciuro ohamwe na fertilizer kma kuri arimi nocingire njuui-ini na iria-ini na cithukie maai na mimera ohamwe na indo iria cekaraga maai-ini na ningi ugima wa miiri ya andu.

### **Kunyahia biodiversity.**

biodiversity nikuuga mithemba yothe ya miti na ya nyamu.

Uthukia na utemi wa miti niunyahigia muigana wa mithemba ya indo iria cikoragwo thi na igathira na muigana wa 100 o muthenya. Njira ino niunyahigia indo iria ithondekaga hinya na dawa.

### **Desertification.**

rira mugunda wanina miti na mimera yothe na tiiri waniara biu, mugunda ucio niunyahigia maciaro maguo. Njira ino ningi niitagwo “spread of desert” kugarura migunda ituike mihinju na gutuma migunda miingi muno igie na mogwati maingi.

**Giko kiri na ugwati.**

giko kiria gikoragwo na poison nokiume thiini wa factories iriri cihuthagira chemical na indo iria cikoragwo ciri radioactive. Giko giki nigithukagia ecosystems kuhitukira ugwati ta wa riria Union Carbade kiganda kiria githondekaga dawa cia tutambi kiaunithirie chemicals thiini wa Bhopal, India na gutuma kigana kiu gituthuke.

**Mbua iri na acid.**

Kuri maundu maria magwetagwo ma uthukia wa riera, mbura ya acid niithukagia mititu na iria na muno Europe na North America. Riria giko kiaingira maai-ini nigitumaga mbura igie na acid. Miti, mimera, thamaki na miako cigakorwo ugwati-ini.

**Ozone Depletion.**

Chemicals ingi ta chlorofluorocarbons (CFC's) nicihuthagirwo hari kuhehia na njira ingi thiini wa iganda. No riu niconekete nocitukie layer ya ozone. Layer ya ozne igitagira thi kumana na miruri ya riu iria itagwo Ultra Violet rays (UV). Riria chemical yathukia ozone, muigana wa UV niukinyafira thi na nourehe murimu wa cancer ya ngothi na mirimu ingi miingi.

**Mathina ma town.**

matown maingi nimakoragwo na thina wa giko, guthuka kwa riera, inegene na muhinyano wa andu na kunyihia andu ichagi-ini.

**Kunyiha kwa indo cia bata.**

Kuongoereka kwa ma-hinya ma ai ma kinduire thiini wa thi nigutumite mahinya ma ki-nduire ta maguta, coal, minerals na mititu cinyihe. Njira ino niiratumacindano ma indo ici cia bata makorwo iguru thi yothe. Kuhota kuona indo ici ci kinduire niugukorwo uri thina munene muno gutangikorwo na njira ingi ta maai, ruhuho na hinya wa nuclear handu ha kuhuthira maguta, coal kana gas.

**Athomithania uriai ciuria ici kuri arimi a cluster.**

Kenya niikoragwo ni mogwati ma mathina maya?

Kenya niichangagira kana igatuma kugie na mathina maya?

O kenya igitigiaga na mnere, ni thina uriku munene urona ta ungineneha makiria?

Hinyiriria amemba a cluster yaku kuhanda miti miingi niguo kunyihia mathina ma kirirea niguo tuthondeke maria maturigiciirie.

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**Mkutano wa Nguzo wa TIST wa Kiandegede uliofanyika tarehe 16/02/2026. Mkutano ujao utafanyika tarehe 16/03/2026.**

- Ndani ya Gazetti:**
- ✓ TIST: Maendeleo ya Mgao wa Faida wa 2024 na Maandalizi ya Mgao wa Faida wa 2025. Uku. 2
  - ✓ TIST: Mbinu za vikundi vidogo: Mwingiliano wa kikundi. Uku. 4
  - ✓ Maendeleo Endelevu. Uku. 5



# **TIST: Maendeleo ya Mgao wa Faida wa 2024 na Maandalizi ya Mgao wa Faida wa 2025.**

**T**unayo furaha kutangaza kwamba maandalizi ya Hisa ya Faida ya 2025 yanakaribia kukamilika.

Tulianza Kugawia Faida 2024 kuanzia Desemba 2024. Sasa tunatumai kuhitimisha Hisa ya Faida ya 2024 ifikapo tarehe 31 Machi 2026. Hii itatupa fursa ya kuanza Hisa ya Faida ya 2025 mwezi mmoja baadaye. Iwapo baadhi ya Vikundi Vidogo vitakuwa na malipo ambayo hayajashughulikiwa, mipango yetu ni kuyafikisha hadi kwenye Hisa ya Faida ya 2025.

Baadhi ya Wakulima wameomba malipo 2 badala ya malipo 3. Wengine wanapendelea malipo 3. Tunashauriana sana kuhusu njia hizi mbili. Tutakujulisha juu ya uamuzi uliofanywa. Ikiwa itakuwa kama Hisa ya Faida ya 2024, Hisa ya Faida ya 2025 italipwa kwa awamu tatu kama ifuatavyo;

1. Malipo ya Kwanza (1/3 ya jumla ya kiasi): Kikundi chako Kidogo kinahitaji kuhudhuria mkutano wa Kundi. Mtumishi wako wa Cluster atakupa hali ya Malipo ya Kikundi chako Kidogo. Ikiwa Kikundi chako Kidogo kina malipo ya Hisa ya Faida ya 2025, Kikundi chako Kidogo kinahitajika kukutana kama kikundi; amua na uchague Mlinzi wako wa Mpesa na mashahidi wawili. Utawasilisha maelezo haya kwa Mtumishi wako wa Kundi. Baada ya kukagua na kuthibitisha kwamba maelezo yako ni sahihi, Mtumishi wa Cluster

ataanzisha Mchakato wa Malipo ambao utakuwa na Kikundi chako Kidogo kupokea malipo yako ya 1/3 kupitia pesa ya simu ya Mpesa.

Ikiwa Kikundi chako Kidogo hakina malipo, usijali au kuogopa! Mtumishi wako wa Cluster atakupa sababu kwa nini huna malipo. Baadhi ya sababu ambazo Kikundi chako Kidogo kinaweza kukosa malipo ni pamoja na: -

- Ikiwa Kikundi chako Kidogo hakijahesabiwa katika Miezi 18 iliyopita,
- Ikiwa Kikundi chako Kidogo kimepoteza miti mingi tangu malipo/ idadi ya awali,
- Ikiwa Kikundi chako Kidogo hakijatia saina Mkataba wa GHG,
- Ikiwa washiriki wa Kikundi chako Kidogo ambao wana miti iliyoidhinishwa ni tofauti na wale ambao wametia saina Mkataba wako.
- Iwapo Kikundi chako Kidogo kina taarifa za Msingi ambazo hazijakamilika au hazijakamilika, au kama Kikundi chako Kidogo hakina miti au ni kidogo sana kuweza kuunda salio la kaboni.



Baadhi ya masuala haya yanaweza kusuluhishwa haraka na mengine yanaweza kuchukua muda mrefu zaidi, lakini yakisharekebishwa, Kikundi chako Kidogo kitastahiki malipo. Uliza Mtumishi wako wa Kundi akuonyeshe **ukurasa wa Wakulima au ukurasa wa Uhakikisho wa Uboru** kutoka kwa tovuti ya TIST ambapo unaweza kuona taarifa zote kuhusu Kikundi chako Kidogo.

2. Malipo ya Pili (1/3 ya jumla ya kiasi):

Tena, Kikundi chako Kidogo kinahitajika kuhudhuria Mkutano wa Nguzo. Wakati huu, Kikundi chako Kidogo kitapewa vocha ya karatasi. Vocha hii ni muhimu kwa sababu inatambua Manufaa Yanayoonekana ambayo Kikundi chako Kidogo kimepata. Ni muhimu kwamba washiriki WOTE wa Kikundi chako Kidogo wakutane na kujadili Vocha hii. Kila mwanachama anatakiwa kutia sahihi na kiasi kwa kila mtu aliyeonyeshwa. Kama moja ya malipo, Kikundi chako Kidogo kinahitajika kuamua kuhusu Mlinzi wako wa Mpesa na mashahidi wawili. Utawasilisha Vocha Iliyosainiwa kwa Mtumishi wako wa Kundi. Baada ya kukagua na kuthibitisha kwamba maelezo yako ni sahihi, Mtumishi wa Cluster atanzisha Mchakato wa Malipo ambao utakuwa na Kikundi chako Kidogo kupokea malipo yako ya 1/3 kupitia pesa ya simu ya Mpesa.

3. Malipo ya Tatu na ya Mwisho:

Unapopokea malipo ya pili, tafadhali wasiliana na Mtumishi wako wa Cluster ili aanzishe malipo ya malipo yako ya mwisho. Kama Payment 1, malipo haya

hayana karatasi. Ni e-vocha. Uamuzi ukifanywa wa kulipa kwa awamu mbili, malipo haya yana uwezekano wa kuunganishwa na malipo ya Kwanza. Lakini kama tulivyotaja hapo juu, tutawasiliana ipasavyo uamuzi huu utakapofanywa.

**Muhimu:** Malipo yote yatafanywa kupitia Mpesa. Mlinzi wa Mpesa atapokea Malipo kutoka kwa Shirika la Clean Air Action na Ujumbe wa Uthibitishaji wa Mpesa. Mabadiliko ya Uondoaji huongezwa kwenye malipo. Mtumishi wa Nguzo kwa wakati mmoja atatuma vocha ya kielektroniki (Kupitia SMS) kwa mashahidi wawili wa Kikundi chako Kidogo na Mlinzi wa Mpesa. Daima, weka rekodi salama za malipo yako na shughuli nyingine za Kikundi Kidogo.

**Kikumbusho:** Fuata Maadili ya TIST kila wakati. Mlinzi wa Mpesa ana jukumu la kuhakikisha nambari zake za Simu na Kitambulisho (Kitambulisho) ni sahihi. Zaidi ya hayo, hakikisha Wanachama wanapata sehemu yao ya malipo mara moja. Weka kumbukumbu. Ni kinyume na Maadili ya TIST kushiriki malipo yako ya Kikundi Kidogo na wafanyakazi wowote wa TIST au watu ambao washiriki wako wa Kikundi Kidogo hawajawaidhinisha.

Ikiwa una maswali kuhusu malipo yako ya Kikundi Kidogo, tafadhali zungumza na Mtumishi wa Kundi/Kiongozi wa Nguzo yako au uwasiliane na Jane 0713 436 028 au Kibe 0722 909 647.



# **TIST: Mbinu za vikundi vidogo: Mwingiliano wa kikundi.**

**a) Ni njia gani bora zaidi ya kuwapanga watu wakati wa mkutano wa Kikundi kidogo?**

Msiwe na meza kwa sababu inajenga vizuizi kati ya watu. Msiwe na kiti cha kukaliwa na mtu aliye na muhimu zaidi kati yenu. Katika TIST, sote twaketi kwa njia iliyofanana. Sote hukaa chini udongoni au sote kukalia viti.

**b) Mtafanyaje kukiwa na watu zaidi ya kumi na wawili wanaotaka kujiunga na kikundi chenu?**

Kama kuna zaidi ya watu kumi na wawili wanaotaka kujiunga na kikundi chenu ni vizuri zaidi kuanzisha kikundi kipya. Kikundi chaweza kujigawanya na kuwa vikundi viwili, ama wanakikundi asili watatu au wanne wawe msingi wa kikundi kipya. Hii ni vizuri kuliko mwanakikundi mmoja kujaribu kuanzisha kikundi peke yake. Kumbuka kuanza uongozi wa mzunguko kutoka mwanzo.

**c) Ni mbinu zipi mwaweza kutumia ikiwa nishati ya kikundi iko chini?**

Gawanya kikundi kiwe wawili wawili na uulize kila jozi kujadiliana kuhusu kazi iliyopo. Michezo ya kuigiza husaidia pia. Mara kwa mara kuwasimamisha na kila mtu kusema kitu kizuri ambacho kikundi chao kinafanya husaidia kuwapa watu motisha nyingine. Pia kumbuka kuuachisha mkutano usiwe mrefu. Kwa njia ya kuwa na msaidizi wa kiongozi anayesaidia kuweka masaa, unaweza kuelekeza nishati ya kikundi kuhakikisha kazi inafanyika katika muda uliopangiwa.

## **Ratiba ya mkutano.**

Kutumia muda vizuri, kikundi kidogo chapaswa kuwa na ratiba ya mkutano iliyopangika vizuri. Hii ni muhimu kwa sababu itakusaidia kuzingatia yaliyo katika ajenda na mambo yaliyo muhimu zaidi. Ni muhimu pia kwa sababu katika TIST, tunajitolea kufanya kazi pamoja kwa muda mrefu ili kukua na kudumisha miti yetu katika soko la hewa. Tunahitaji kujua wanakikundi wenzetu vizuri, kwa sababu matendo ya kila mtu hushikilia kikundi chote na TIST yote.

Ni muhimu pia, kwa kikundi chako kidogo kuwa na mikutano ya mara kwa mara, ikiwezekana mara moja kila wiki au mara moja kila wiki mbili. Hili litawapa wanakikundi chenu nafasi ya kuimarisha kikundi na

kugawana na kujifunza mafunzo mapya.

Wakati wa mkutano, ni muhimu kuzingatia mambo yaliyo muhimu. Vikundi vingi vya TIST vimeona utaratibu unaofuata ukiwa mwenendo bora zaidi ili kuwa na mikutano ya kufanikiwa:

**Hatua ya kwanza. Salamu na kujijulisha kwa wanakikundi wapya (dakika tano kufika kumi na tano):** Hakikisha kila mtu anajisikia nyumbani. Hakikisha ni fupi lakini muache kila mtu ajijulishie.

**Hatua ya pili. Maombi ya kuanza (Dakika mbili):**

Ombi fupi laweza kusaidia kuunganisha kikundi.

**Hatua ya tatu. Nyimbo (Dakika tano):**

Hizi zaweza kuwa zilizoandikwa na kikundi chako, au nyimbo zinazowatia watu nguvu kama nyimbo za kidini.

**Hatua ya nne. Kuitikiana kuhusu kazi na masaa (Dakika tano):**

Kiongozi anaeleza yatakayofanyika mkutanoni na wanakikundi waitikie kufanya kazi hiyo. Masaa yatakayotumika kwa kazi hiyo au mjadala yakubalianwe ili msaidizi wa kiongozi aweze kuweka masaa ya mkutano.

**Hatua ya tano. Kazi ya vikundi (saa moja):**

Ili kufanya vizuri zaidi, kazi yapaswa kujadiliana wa mkutano wa mwisho ukiisha. Kazi zaweza kuwa pamoja na kugawana ni nini kila mtu amefanya ili kusaidia kazi za TIST, kugawana mienendo bora zaidi ya kufanya mambo tofauti, kufunza kuhusu vitu fulani na jambo lingine lolote la maana litakalosaidia kikundi chenu kukua .

**Hatua ya sita. Kujengana (Dakika tano):**

Kila mwana kikundi anasema jambo moja nzuri kwa kiongozi wa wiki hiyo kuhusu uongozi wake ulioonekana katika mkutano. Kuongezea, mtu yeyote aweza kusema ni zawadi gani katika uongozi ameona katika kiongozi huyo.

**Hatua ya saba. Ombi la kufunga (Dakika mbili):**



## **Maendeleo Endelevu.**

### **Kuangalia mazingira ya dunia kwa ufupi.**

Kenya haijatengwa kutokana na sehemu zingine za dunia na kuwa na ujuzi kuhusu matatizo ya kimazingira ya dunia nzima kwaweza kusaidia kutambua hatari kwa Kenya kwa umbali. Ni muhimu kuchambua matatizo ya dunia ya kimazingira na kuelewa madhara hasi yanayoweza kufikia mazingira yetu.

### **Madaliko ya hali ya anga ya muda mrefu.**

Kuchoma ngataa au mafuta ( mkaa yam awe, mafuta, gesi asilia) hutoa hewa chafu ya kaboni. Hii hewa hutega joto katika anga na kusabasisha joto duniani kuongezeka, kofia za barafu katika maeneo ya milima kuanza kuyeyuka na kiwango cha maji katika maziwa kupanda. Haya husababisha uwezekano wa mafuriko na joto kupanda jambo ambalo huwa na athari mbaya kwa kilimo katika sehemu za bara la Afrika na dunia nzima.

### **Uchafuzi wa hewa.**

Mafusho yenye sumu kutoka viwandani na kwa magari yaweza kusababisha shida za kupumua kwa watu. Mafusho haya yaweza kuingia katika maji ya mvua na kutengeneza mvua wenye asidi, ambao hudhuru mimea

na mijengo. Miji mingi huwa na matatizo ya moshi ambapo machafuko hutanda juu ya miji kama mawingu ya chini na kupunguza uwezo wa kuona mbali na kusababisha shida za kiafya.

### **Uchafuzi wa maji.**

Maji na uchafu kutoka viwandani na kemikali kutoka kwa wakulima zaweza kuingia katika vijito, mito na maziwa na kuchafua vyanzo vya maji vya dunia nzima na kudhuru mimea, wanyama na afya ya binadamu.

### **Kupunguza bionuwai.**

Baonuwai ni wingi wa aina mbalimbali za mimea na wanyama. Uchafuzi na kukata miti hupunguza nambari ya viumbe hai na kumaliza zaidi ya aina mia moja kila siku. Jambo hili hupunguza rasilimali inayotumika kama vifaa, nishati na dawa.

### **Kuenea kwa jangwa.**

Ardhi inapoteza mimea na udongo unapokauka na kubebwa, ardhi hukuwa na uzalishaji uliopungua. Hili pia linajulikana kama 'kuenea kwa jangwa' na hugeza mashamba na mahali pa kulisha wanyama kuwa ardhi isiyona uzalishaji iliyo hectare nyingi, zilizona uwezekano wa kupotezwa.

**Uchafu wenye madhara.**

Uchafu wenye sumu unaotoka kwa viwanda vinavyotumia kemikali na mionzi. Taka hii hudhuru mazingira yote kupitia majanga kama kiwanda cha chama cha kutengeneza dawa ya magugu kilipovuja kemikali huko Bhopal, India, kiwanda kililipuka.

**Mvua ya acidi.**

Imetajwa hapo juu chini ya uchafuzi wa hewa, mvua ya acidi huharibu misitu na maziwa hasa katika Europa na Amerika Mashariki. Uchafuzi unapoingia majini na kufanya mvua kuwa yenye acidi, miti, mimea, samaki na hata mijengo huathirika.

**Kupungua kwa safu ya ozoni.**

Baadhi ya kemikali kama chlorofluorocarbons (CFC's) hutumiwa katika vitu vinavyotumika katika majokofu na katika taratibu nyinginezo za viwandani lakini sasa zinaonekana kudhuru safu ya ozone. Safu ya ozone hulinda ardhi kutokana miale hatari ya jua inayoitwa ultra-violet rays (UV). Kemikali zinapoharibu safu ya ozone, kuongezeka kwa miale ya UV hufika ardhini na kudhuru afya ya binadamu huku ikileta kansa ya ngozi na magonjwa mengineyo.

**Matatizo mijini.**

Miji mingi hukabiliwa na shida za taka, uchafuzi wa hewa, kelele, msongamano na kupungua kwa maeneo yakuishi.

**Kupungua kwa rasilimali.**

Ongezeko la mahitaji ya nishati na rasilimali katika dunia nzima linasababisha rasilimali ya kiasilia kama mafuta, makaa ya mawe, madini na misitu kuisha. Jambo hili linaongeza ushindani wa rasilimali jambo ambali linaleta migogoro ya kimataifa. Kutafuta rasilimalizaidi ili kutimiza mahitaji kutakuwa shida kubwa hivi karibuni isipokuwa vyanzo vya nishati badala vvitumike kama maji, upepo au nishati ya nyuklia badala ya rasilimali inayopimika kama mafuta, makaa ya mawe au gesi ya kiasilia.

**Wakufunzi, uliza wanacluster maswali haya:**

Je, nchi ya Kenya hufikiwa na athari za baadhi ya shida hizi?

Je, Kenya huchangia au kusababisha yoyote ya shida hizi?

Jinsi Kenya inavyokua, unafikiria ni shida zipi za kidunia zitakuwa mbaya zaidi?

Hamasisha cluster yako ya TIST na wanajamii wengine kupanda miti zaidi ili kupunguza baadhi ya athari hizi mbaya kwa hali ya anga ili mazingira yetu yawe bora zaidi!

# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter March 2026

**Kikamba Version**

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

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

**Dial \*709# (Safaricom) or \*789\*7000# (Other Networks) and get to know more about TIST and your Small Group. Follow the prompts. Safaricom is Free.**



**Umbanoni wa Ngwatanio ya TIST Kiandegwe matuku 16/02/2026. Umbano ungi ni matuku 16/03/2026.**

- Inside:**
- ✓ **TIST: Undu iseso ya vaita wa kuaana wa 2024 uendee na undu twiyumbaniteye iulu wa Vaita wa kuaana wa 2025. Page 2**
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# **TIST: Undu iseso ya vaita wa kuaana wa 2024 uendee na undu twiyumbanitye iulu wa Vaita wa kuaana wa 2025.**

**T**wina utanu kutangaasa kana kwiymbanitsya ndivi sya vaita wa kuaana wa 2025 syivakuvi uthela.

Nitwambiie kunengane vaita wa kuaana wa 2024 december 2024. Yu twiikwatya kumina kunengane vaita wa kuaana wa 2024 tuivika matuku 31/3/2026. Kii kitunenga ivinda yiuu kwambiia kunengane vaita wa kuaana wa 2025 kwambiia mwai ula uatiie. Ethiwa tukundi tumwe nituithiwa tutakwatie ndivi yoo twina muvango wa kumekia walanioni wa ndivi ya vaita wa kuaana wa 2025.

Aimi amwe ni metitye ndivi mala eli (2) vandu va mala atatu (3). Angi meenda ndivi mala atatu na kwoou tuendee na kuneenany'a twone kiseo ni ndivi mala eli kana ni mala atatu. Utw'l ula ukwikwa nituumumanyithya. Ethiwa twiika ta ndivi sya kuaana sya 2024 kana ndivi sya 2025 syiikwa mala atatu ta uu:-

I. Ndivi ya mbee (Kilungu kya 1/3 kya vaita wenyu):

Kakundi kenyu nikaile uivika umbanoni wa ngwataniao. Muthukumi wa ngwataniao yenyu niwaile unengane uvoo wa ndivi sya kakundi kenyu. Ethiwa kakundi kenyu kena vaita wa kuaana wa 2025 Kakundi kenyu nikaile umbana ta kakundi na kusakua namba ya Mpesa ula ukekalaa nayo na ngusi ili. Mwamina kukomana nimwaile usakua na kunengane mauvoo aa kwa muthukumi

wa ngwataniao yenyu ya TIST. Itina wa muthukumi wa ngwataniao asisya na aikiithya kana uvoo ula mwanengane niwaw'o nukwambiisya nzia ya ndivi vala kakundi kenyu keukwata ndivi ya kilungu kya 1/3 kwa nzia ya Mpesa.

Ethiwa kakundi kenyu kaina ndivi, mukauuye kana kutelema! Muthukumi wa ngwataniao nukumunenga kitumi kianiu kya niki muteukwata ndivi. Itumi imwe ila ituma kakundi kenyu katakwata ndini ni vamwe na:-

- Ethiwa kakundi kenyu tikavitukithye kwa ilungu ya myai ikumi na nyaanya (18),
- Ethiwa kakundi kenyu nikaitye miti mingi itina wa ndivi ila mwila ukwata ya mwisio
- Ethiwa kakundi kenyu kanyaa ikia saii wiw'ano wa GHG.,
- Ethiwa amemba ma kakundi kenyu ala mena miti nikivathukaniao na ala maandikitwe nthini wa wiw'ano wenyu ula weekiwe saii na ala mekiite saii ithanguni ya ndivi,
- Ethiwa kakundi kenyu kena mauvoo matemeaniu na kana ve uvoo umwe utevo ta wa miti ila yaivo mutanamba



kwambiia kuvanda miti ungu wa TIST, kana ethiwa kakundi kenyu kaina miti kana miti yenyu ni minini nditonya useuvya nzeve itavisaa (carbon credits).

Amwe kati wa maundu aa nimatunya useuvw'a onakau ni kukua ivinda, indi yamina useuvw'a kakundi kenyu keithiwa katonya ukwata ndivi. Kuly'a muthukumi wenyu wa kakundi kumwonya ithangu **ya aimi kana ithangu ya useo** muvitukithye kuma kwa TIST.

2. Ndivi ya keli (Kilungu kya 1/3 kya vita wenyu):-

Ingi kakundi kenyu nikaile uvika umbanoni wa ngwatanio. Yii kakundi kenyu nikaunewa ithangu ya vokya. Vokya ino niyavata nundu nikwonany'a moseo na vaita wenekee ula wikitwe ni kakundi kenyu. Ni undu wa vata amemba onthe kukomana na kuneenanisya vokya ino. Kila memba niwaile kwikia saii na mbesa sya kila umwe syonanitw'e.

Tandivi imwe, kakundi kenyu nikaile kuambua nuu ula ukweikiwa mbesa kwa Mpesa na ngusi ili. Numuunengane vokya yenyu kwa muthukumi wa ngwatanio nikana ambiisye nzia ya ndivi ila ikutuma mukwata ndivi yenyu ya kilungu kya 1/3 kya ndivi yenyu yonthe kwa nzia ya Mpesa.

3. Ndivi ya katatu nay a mwisio:-  
Mwakwata ndivi yenyu ya keli neenany'ai na muthukumi wa ngwatanio yenyu nikana mwambiie ndivi ya muthya. Ndivi ya

muthya ndina mathangu ta ndivi isu ingi yitumia vokya ya mitandao (e-vokya). Ethywa nikwaumwa utw'i nukumwa wa kuiva keli bndivi ino ikavulanw'a na ndivi yam bee. Indi otondu twisye vau mbee nikana utw'l uu weekwa tukamumanyithya.

**Kyavata:** Ndivi syoonthe ikaivwa kwa nzia ya Mpesa. Ula wina laini wa Mpesa wa kikundi akakwata ndivi kuma kwa Clean Air Action Corporation kwa Mpesa na utumani wa Mpesa. Mbesa sya kumya ikongeleelwa vau ndivini. Ingi muthukumi wa ngwatanio aka tuma e-vokya ta SMS kwa kakundi kenyu na kwa ila ngusi ili na mwii wa laini wa Mpesa. Mavinda othe iai maandiko / lekoti ntheu sya ndivi na maundu onthe ma kakundi kenyu.

**Ulilikanyo:** Ivinda yonthe atiia mawalany'o ma TIST. Mwii wa laini wa Mpesa ena muio wa kuikiithya ivinda yothe simu na namba sya kivandi niandikitwe nesa. Ingi ikiithya amemba onthe nimakwata ndivi syoo sya kuaiwa vate kuselewa. la lekoti. Tiwailu kwianana na mawalanio ma TIST kunengane uvoo wa ndivi sya kakundi kenyu kwa muthukumi ona umwe wa TIST kana mundu utetikilikite ni memba ma kakundi kenyu.

Ethiwa wina ikulyo iulu wa ndivi sya kakundi kenyu kwa ndaia wikulw'a uneene na muthukumi kana mutongoi wa ngwatanio yenyu ethiwa ti uu ukune simu ii Jane 0713 436 028 / Kibe 0722 909 647.



# **TIST: Nzia ila itumiawa ni tukundi tunini: Ta kulikangana na kukwatangana.**

**a) *Ni nzia yiva nzeo ya kuvanga andu tukundi yila mwi mbumbanoni?***

Kilinge kinini nikiseo muno. vaikethiwe na mesa kati nundu noithukume ta ukuta kati wa andu vaikethiwe uvanthukanu wa kila kikwikalilwa ethiwa ni kivila ateo kwa mundu munengete ndaia mbee. Ingi nthini wa TIST ithyoo the twikalaa nthi undumwe ethiwa ni muthangani kana ivilani kwa kila umwe.

**b. *Nata mutonye kwika ethiwa andu mbee wa 12 nimekwenda kulika kakundini kenyu?***

Ethiwa ve andu aingi mekwenda ulikana nenyu nikavaa kuseuvya kakundi kangi kana tungi twili vena mainyiva ene ana kana atatu kuma kakundini kala kambee (amemba ala akuu). Uu ni useo mbee kwi mundu umwe kwenda kwambiia kakundi eweka. Lilikanai kwambiia utonoi na kusumia nzia ya utongoi wa kithyululu.

**c. *Ni nzia myau utonya utumnia ethiwa vinya wa kakundi winthi?***

Aanai withie ni andu eli eli na kila umwe ayosa undu uu ta muio wake. Ingi mathau ma malimano na nthekany'a ni matetheeasya kwongela ngwatanio vinya na uthangaau. Ingi kunee niea wia wenyu museo kwakwiyonany'a mwi mbee nikutumaa angi makwata vinya na thambuu. Lilikanai yila mwoombana kulea kuselewa na kumina mbumbano tene. Kwithiwa na munini wa muungamii imusyaisya wa masaa nokutume kila umwe ekia vitii na kuthangaa kwona wia ula walanitw'e niwathela masaani ala maile.

## **Walany'o wa kukomana.**

Nikana musuvie ivinda tukundi tunini nitwaile kwia walany'o museo wa mbumbano. uu ni useo nundu nukumwira mwina mwolooto wa kila angyendani ya muthenya usu na mawia ala maile kwianiw'a muthenya usu. Ingi ni useo nundu nthini wa TIST nitweeyumisye kuthukuma vamwe kwa ivinda yiasa kuvanda na kuea miti yiane kuvikia soko wa nzave itavisaa. Nitukwenda kumanya tukundu tunini twitu na ena mwatw'o na kwona ni itambya yiva tutonya kwosa kuikiithya ithyotho na TIST nitweethiwa na kivathukany'o.

Ni undu wavata kumanya kakundi kaku kanini nikaile kumbana kaingi ona ethiwa ni keli kwa mwai. Kii nokiete kwosa vinya kwa kikundi kyenyu kwa kuthuthany'a na kila umwe kunenga ula ungi utao

na undu wikite kwake omithenya ila mutela onana na kila kinakivathukany'o na kitonya uete ualyuku museo kwa kila umwe vamwe na uu mawoni meu.

Yila mwoombana niuseo kwia mbee maundu ala mavata. Tukundi tunini twingi nitwoonie kuatiia nzia ithi syi vaa nthi kwi kwavata nthini wa mbumbano, na matambya asu ni:

## **Itambya 1. Ngethi na kwimanyithany'a kwondu wa andu ala eu kikundini (ndatika 5-15):**

Ikiithyayi kila umwe niweew'a e muthokye, kila umwe etavany'a kwa mituki.

## **Itambya 2. Mboya sya kwambiia (ndatika ili (2))**

Mboya nini nguvi noitethye kwa kwongela ngwatanio.

## **Itambya 3. Wathi (ndatika itano 5)**

Uyu no withiwe wi wathi usevitw'e ni kikundi kyenyu kana wathi wa Ngai wina uthuthio kwa kila umwe.

## **Itambya 4. Kwiw'ana undu mukwika na mwitumia ivinda yiana ata (Ndatika itano(5))**

Mutongoesya akaeleany'a kila kikwikwa wumbanoni na ene kikundi mayitikila kwika. Masaa ala meutumika kwa kila undu nonginya mambe uneenewa na munini wa mutongoesya no ethiwe emusyaisya wa masaa.

## **Itambya 5. Wia wa kikundi (Isaa yimwe 1)**

Nonginya muimina kila wumbano nimwithiawa muneene wia ula mukoka uthukuma wumbanoni ula ungi. Ngelekany'o ethiwa no kila umwe kutunga livooti ya undu wikite kutetheesya TIST na mawalany'o na uthukumi wayo museo. Kumanyiany'a nzia nzau na maundu angi mavata ala matonya utuma kakundi kenyu keana na kwaila.

## **Itambya 6. Kwakana (ndatika itano (5))**

Kila mumemba kunengane ondeto imwe ya kwakana onaethiwa ni yiulu wa utongoi. Ingi kinengo kila kikivathukany'o kyonekete kwa mutongoi nikiyaile uwetwa ethiwa kivo.

## **Itambya 7. Mboya ya kumina/ kvinga wumbano (ndatika ili (2))**



## **Maendeeo ma kwikala meanite.**

### **Undu Nthi yonthe isiasya na kwona mawithyululuko.**

Kenya ndikalaa yiyoka itena ikonyo ingi sya nthi. Kwina umanyi iulu wa manthina ala methiitwe na mawithyululuko ni utetheesya Kenya kumanya iulu wa mathima ala makoka ivindani yukite. Ni useo kuisisya mathina ala methiitwe mawithyululukoni nikana kuelewa mothuku ala methiawa kwa mawithyululuko.

### **Movinduku ma Nzeve.**

Kuvivw'a kwa mauta na makaa ma coal nikumasya nzeve itavisaa. Kii kietae uvyuvu mawithyululukoni na kwoou kwambatya uvyuvu wa nthi, Kula kwithiawa na ia yiyambiia uyaiika na utwika kiw'u na kyalika ukangani naw'o uyambiia kwambata na kuvwika nthi nyumu. Kii kitumaa kwithiwa na mavuliko na nzeve kuvyuva na kwoou nima iyanangika munamuno isioni sya ilembeta ya Africa na nthi yonthe.

### **Kuthokoanwa kwa nzeve.**

Miuke kuma kwa maindasituli na ngali nimaetae mauwau ma mimeo na manthina kwa andu maveva nzeve isu. Miuke ino nitonya kulika kiw'uni kya mbua na kutuma kithiwa na asiti na kuete wanangiko kwa mimea na myako. Misyi mingi yithina wa nzeve kuthokoanw'a ni miuke vala yikalaa iniine ta matu kana muumbi na kuola metho kwona na ni itonya kuete mathina ma uima wa mwii.

### **Kiw'u kuthokoanwa.**

Kiko kuma kambunini sya useuvya syindu na siwengyi, vatalinza kuma miundani nutonya uluka mikaoni, mbusini na kula kiw'u kyumaa na kwananga mimea na kuete uwau kwa andu na nyamu.

### **Kuoleka kwa mithemba kivathukanyo.**

Mithemba ya yamu, miti, ikuthi ona mimea yothye niyiolekaa yila kweethiwa na nzeve ka kumiwa kwa nzeveni na miti kutemwa vakuvi mithemba 100 niyaa kila muthenya. Kii nikiolaa matilio na kundu kula kumaa vinya na kula ndawa ikwatikanaa.

### **Kutwika weu/Ing'alata.**

Yila nthi yaasya ngua syayo ila ni mimea muthanga niwumaa na nukuawa ni kiw'u kana nze na uyithiwa utena w'umi nesa. Ingi ii niyiawa ni nzia ya kunyaiikya mang'alata.

### **Kiko kina sumu.**

Kiko kuma kambunini kana vakitolini nikithiawa na kemikoo na matilio itonya uete na kuaa syindu kwa kulivuka kana kuivivya syonthe syi thau. Kwa ngelekany'a yila kambuni kuma India imwe (Bhopal) ya useuvya ndawa sya kuaa mitutu yeethiwe iyita kemikoo matesi niyalivukile.

**Mbua ya Asiti.**

Kiw'u kii kina asiti ni kyanangaa mititu na masiwa munamuno ta ngaliko sya Europe na North America. Yila kiw'u kya mbua kyalikana na kuthokoanw'a ni asiti niw'o kiseuvasya mbua ya asiti. Miti, Makuyu na myako niw'o kietae wanangiko.

**Itu yila yivwikite wingi wa sua kuendee na kwanangika.**

Yila ndawa thuku (kemikoo) ta Chlorofluorocarbons (CFC's) syatumika syinduni kuete mbalavu na kwa indasituli kuseuvya syindu ukunikili weekwa nisyonekete kana nimwe kati ka syindu ila ikwananga itu yila yisiiiaa sua kuatha (kuola uvyuvu wa sua) na kwananga (UV " ultra violet rays). Yila kemikoo syaananga itu yii niw'o UV syongelekaa kuvika nthi na kuete mauwau kwa andu ta uwau wa kenza ya kikonde na mauwau angi.

**Mathina ma misyi minene ya mataoni.**

Mataoni maingi mina nthina wa kiko kya mavuti, nzeve kumiiwa, kelele, kusuania na kunyiva kwa isio sya miundani.

**Monou manthi kunyiva.**

Kwongeleka kwa wendi wa matilio sya kutumika ni andu nthi yonthe uthwii wa nthi ta mauta, mavia mavisaa (coal) na mititu

niiendee kuoleka. Kii kithuthasya na kuthingiisya masindano na kuete uvituukanu wa nthi kivathukany'o. Kumatha mothwii ma nthi ma kutunenge vinya na mwaki omituki nukwithiwa wi nthina munene ateo vethiwe na nzia ingi sya kukwata mwaki na vinya ila nisyindu sya vata muno ta kukwata syindu ithi kuma kiw'uni, nzeveni na neukilia vandu va utumia mothwii ala manini ta mauta ma nthi, mavia mavisaa (coal na Nzeve ya kuma nthi.

**Amathisya ma TIST nimakulasya ala mekw'o. kwoondu wa ngwatanio syoo makulyo aya:**

Kenya nikwatawaq ni mathina amwe ala maetetwe ni manthina aya twasisya vaa iulu? Kenya ni imwe kati wa nthi ila ietae wongeleku wa mathina aya?

Oundu Kenya iendee na kwiana nimawiko meva ukwisilya maendee matonya kuendee na kwinthiwa me nthina munene oundu Kenya iendee na kwiana?

Thuthya ala mwi imwe nthini wa ngwatanio yenyu ya TIST undu wa kuendee na uvanda miti kunyivya mathina ala maetetwe thini wa mawithyululuko na kuete uvinduku wa nzeve ni mawiko ma andu kwoondu wa mawithyululuko maitu methiwe manzeo!

# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter March 2026

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.*

**Dial \*709# (Safaricom) or \*789\*7000# (Other Networks) and get to know more about TIST and your Small Group. Follow the prompts. Safaricom is Free.**



**Mkutano wa Nguzo wa TIST wa Kiandegde uliofanyika tarehe 16/02/2026. Mkutano ujao utafanyika tarehe 16/03/2026.**

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# TIST: Tesetab taa nebo lipanosiekab pjeutikab melekweekab kenyitab 2024 ak tetutikab pjeutikab melekweekab kenyitab 2025.

**K**iboiboi kibarasten akobo chobchinetab gee nebo Pjeutikab Melekweekab kenyitab 2025 che negit kochobook.

Kikinaam pjeutikab melekweekab 2024 en arawetab Kipsundet ne Taa en 2024. En nguni kimong'uu kiwong'un pjeutikab melekweekab 2024 en tarikit 24 arawetab Kiptamo 2026. Inoni ko asi kokoneech kasarta kinaam pjeutikab melekweekab 2025 en kasartab araweat agenge kong'eteen yoton. Amgot ko mii katuiyosiek che mengechen che tindoo pesendo, ko tetutikiok ko kinde pjeutikab melekweekab 2025.

Temik alak ko kikosoom keyai lipanosiekab melekweek konyil 2 ne kata 3. Alak ko moche lipanosiek konyil 3. Kitesetaa kekerchindosi kele ainon en ortinwechu oeng' che kimuche keboisien. Tun kimwowook kele ainon ne keboisien. Angot ko tun uu Pjeutikab Melekweekab 2024, ko tun kiliponi Pjeutikab Melekweekab 2025 konyil 3 en ortinwek cheu cheisibu:

1. Lipanet ne taa (kebeberta agenge en somok):  
Katuiyeng'ung' ne ming'in ko nyolu koitita tuiyetab isasamet. Kiboitiotab isasameng'wong' ko koonok oleu lipanetab katuiyeng'wong' ne ming'in. Angot komii pjeutikab melekweek che ityin katuiyeng'wong' chebo 2025, kemoche kotuiyo katuiyeng'wong', kotet kele ng'oo ne kiykyin rabisiek en Mpesa ak baairinik 2. Tun kimoche kiyokto

kainutichu koityi Kiboitiotab Isasamet. Ye kichigil ak kegeer kele bo iman choton, konooome kotoo Kiboitiotab Isasamet tetutietab lipanet che ite konyoor katuiyeng'ung' ne Ming'in 1/3 chebo lipanosiek kobun Mpesa.

Angot ko motinye katuiyeng'ung' ne Ming'in lipanosiek, ko matoimgee anan oorokese! Konook Kiboitiotab Isasamet amunisiek asi komonyoru lipanoaiek. Alak en amuneisiek komonyor katuiyeng'wong' ne Ming'in lipanosiek ko amunee ko mara ko cheisibu:

- Tomo kiit ketik en katuiyeng'wong' en arawek 18 che kokosirto.
- Kikoobet katuiyeng'wng' ne ming'in ketik che chang' kong'eteen kin kiit ketik.
- Mara ko tomo konde siyet katuiyeng'wong' ne ming'in koyonchinet ak GHG.
- Angot ko membaek che kikiit kwtkiuak en Katuiyeng'wong' ko teer en che kikonde siyet voachait
- Angot ko katuiyeng'wong' ne ming'in ko motinye kiwoteet ne naat, anan ko motinye ketik anan ko ming'in missing' komaimuch kotoo koristo ne kioldoo.



Alak en koimutichu kimuche kechob en chokynet ako alak ko imuche koib kasarta ne koi, kobateen yeit kiteteisi, ko ityin mokutikab lipanosiek katuiyeng'uong' ne ming'in. otebeen kiboitiondeng'uong' nebo isasamet koboruok **Farmers page or Quality Assurance page** en komostab TIST website ole omuche ogeer logoiweek tugul akobo Katuiyeng'wong' ne Ming'in.

2. Lipanetab Oeng' (1/3 chebo rabisiek tugul) Kora, kemoche koitita katuiyeng'uong' ne Ming'in tuiyetab Isasamet. En kasaraton, kikochin katuiyeng'uong' ne Ming'in vochait ne kartasit. Vochaini k obo komonutiet amun inyiti Kelchinoik che Togu che kikonyorchigee Katuiyeng'uong' ne Ming'in. Bo komonutiet koitita membaek TUGUL chebo Katuiyet ne Ming'in tuiyet ole king'ololeen akobo vochait. Kimoche konde siyet membayat age tugul ak kiboor kele nyoru age tugul rabisiek ata.

Kouu lipanet ne taa, ko nyolu komwa Katuiyet ne Ming'in age tugl kole ng'oo ne Kiyokyin rabisiek en Mpesa ak baorinik oeng'.Tun okoitoii vochait ne kakinde siyet koityi Kiboitiotab Isasamet. Ye kakechigil ak kegeer kele bo iman logoiweek tugul chebo chi tugul ko nyolu kotet akobo lipanet kiboitiotab isasamet ole nyoru kotuiyeng'uong' ne ming'in kebebarta agenge (1/3) chebo rabisiek en Mpesa.

3. Lipanet Nebo somok ako ne letu. Yon konyoru lipanosiek chebo oeng', ko nyolu omwochi kiboitiotab isasamet asi

konamm kotootetutikab lipanosiek chebo let. Kouu lipanet ne taa, lipanet inoni ko momii kartasit age tugul. Inoni ko vochait nebo koristo. Angot ketil kele kiliponi konyil oeng' ko tun kiyomtos lipananin ak lipanet ne taa.kobateen kou yon kakakkemwaa, ko tum kikonook logoiyot kotienggee tilet ne ko kiib.

**Nebo Komonutiet:** Lipanosiek tugul ko tun bunu MPesa. Chito ne nome rabisiek ko tun kiyokyin en MPesa koyoob Clean Air Action Corporation ak kiyogto logoiyot ne iboru niton. Lipanet ko boto che kinemuneen. Tun iyogtoo kiboitiondeng'uong' logoiyot ne nwach koityi baorinik oeng' ak chito ne nome rabisiek. En kasarta age tugul, ko nyolu oriib logoiweek tugul chebo lipanosiek ak boisionik alak chebo Katuiyet Ne Ming'in.

**Kobwotutiet:** En kasarta tugul, osib Mogutik che Miach chebo TIST. Nyolu kogeerchito ne nome rabsiek kole mi komie nambaitab simoinyin ak nambaitab kipandet. Kora, keer ile koiti membaek tugul lipanosiek en chokineet. Konor logoiweek tugul. Machambayat opjei lipanosiek alak tugul chebo Katuiyet ne Ming'in ak kiboitinikab isasamet anan ko chito ne maiyan membaekab Kutuiyet ne Ming'in

Angot intindinytebutik alak tugul akobo Lipanosiekab Katuiyet ne Ming'in ne ng'uong' ko kaikai ong'alal ak Kiboitiondeng'uong' nebo Isasamet anan ko Kandoindetab Isasamet anan ibirchi simoit Jane en nambait 0714-436-028 anan ko Kibe 0720-909-647



# **TIST: Mitindoishek chepo groupishek che meng'echen: Kotuyet tap ke en groupishek.**

**a) Ne oret ne kimuche kepanganen pik en tuyoshek chepo groupit?**

Oret ne kararan ko kechop circle. Matonde mezoshek amun iku koimutyet. Matochop ngecherok che echen anan ko ngecherok alak tugul chebo pik che bo maana. En TIST, ketibotosi tukul kokerkeit. Kimuche ke toboten tugul en ng'echerok anan ketobote en ng'weny.

**b) Nen ne iyoe yon moche kochut pik che ite taman ak oeng' groupit?**

Angot komi pik che sire taman ak oeng' che moche kochut groupit kokararan inda kichope groupit ake. Imuch kebchei groupit koyop oengu, anan konget membaek somok anan ko angwan chebo groupit neta kochop core nebo groupit ne kitou. Inoni ko kaikai kosir koto membayat ageng'e. Obwat oboishen zungganet ab kandoinatet kobore konam.

**c) NE oret ne omuche oboishe yon kiten inguvut nebo groupit?**

Bchei groupit korop pairishek. Toreti kora drama. Saaishhek alak ketononi, ak kekaskomwa chi tugul ki ne ibwate agobo groupit. Obwat kora orib saaishek asimakoit tuyet. Yomeke kecheng' netoreti kondoindet en ripet 'ab saaishek, Imuche igeshi nguvushek chepo groupit iger ile kakai kasit nekokitokchinke.

**Ole kiyuito tuyet.**

Asi kerip sait komye, Groupit ne kiten koyoche kotinye schedule nebo tuyet. Inoniton koba maana angamun kere kole kotar agendas chebo maana koron. Kora koba maan en TIST angamun, kikekonu ke en boishet nebo minet 'ab ketik, kemin ak kerip ketik chebo carbon markets. Yoche kora kenai membaekchok en groupishek che meng'echen komye, angamun chitukul kotinye jukumu en groupit ak en TIST kotugul.

Bo maana kora koyai groupishek tuyoshek kila mara, sana sana en kila wikit anan ko oeng' en wikishek oeng'. Inoniton kokochin membaek

koneteke en grouitit ak kotech groupit ko mugul ak konai tuguj che imbya.

En tuyoshek chuton, k obo maana keker tuguk che bo maana. Groupishek che chang' en TIST kokoker kole boishe mtindo ne isubu en tuyoshek.

**Stepit neta; Kokotiet ak Tachet 'ab membaek che imbya(5 – 15 minutes):**

Hakikishan ile kokas chitugul komi komye. Ingonwakit lakini bokokchin chitugul komwa ge.

**Stepit nebo oeng;. Saet ne kiyoten tuyet (2 minutes):**

Saet yon kinome tuyet kotoreti groupit koik kibageng'e.

**Stepit nebo aomok; Tyenwokik (5 minutes):**

Imuche koik tyenwokik che kisire membaek, anan ko tyenwokik che ituitos pik kou chepo kanisa.

**Stepit nebo angwan; kiyonchindos sait ak boishonik(5 minutes):**

Ororu kondoindet boishonik che kiyoe en groupit ak koyon chin membaek koyai kasishek choton. Kasarta neki boishen en kasit ake tugul koyoche kiyonchin asi kong'et co-leader kotoret korip saishhek en tuyet.

**Stepit nebo mut. Kasishek ab groupit (1 hour):**

Yoche kokidiscussen boishonik en tuyet ne kikobata. Boishonik komuch koik tuguk che kikotoret chitugul groupit groupit anan ko TIST, training en tuguk che bo maana, ak ki ake tugul ne imuch kotoret groupit kota kwo taa kosir ole mi.

**Stepit nebo lo. Techet 'ab ke (5 minutes):**

Kila membayat koyoi teset en TIST. En teset komuche kobor chei kit ne talenta en kondoindet.

**Stepit nebo tisab. Saaet ne kikeran tuyet (2 minutes):**



## **TIST: Tesetab taa ne moimunye.**

### **Oleu Itondab Emet en Ng'wony Tugul**

Kenya ko momii inegen en taban nebo ng'wony tugul ako ingenai akobo koimutik che mii ng'wony chebo itondab emet komuche ko toretch kosib kesich komutik che bwone en betusiek che bwone en Kenya. Bo komonutiet kekusikong' komutik che mi ng'wony chebo itondab emetak kikuiyo tuguk che yachen che ibchin itondab emenyon,

### **Waletab atebetab Emet.**

Belseetab mwanik (koikab nesek, mwanik ak gasit) ko konu koristo ne ya. Inoni ko konu mat en emet barak ak kokochi kwo barak mat en ng'wony tugul, ko chotio koikab ropta che mii olinbo metittab ng'wony ak kotesak beek en barisiek ak nyanchosiek en ng'wony. Inoni koite konyo maranet ak koet burgeiyet ne ng'wony ak koit kowech teimisiet en komoswek alak en Afrika ak nw'ony komugul.

### **Kamuritetab Koristo**

Iyet nesamis nebu kompunisiek che yoe tuguk ak garisiek ko konu koimutikab kabuset en biik. Lyonoton ko chote en beekab ropta ak kogo ropta nebo acid nebo ng'wonet ne ite kowech minutik ak korik. Nganasok che echeen che chang' ko tindoo koimutik che chang' chebo iyet ne kobuli nganaset kou boldet ne mii ng'wony anan ko kibungweret ako ichuchuche kereet ak kogo koimutikab chametabgee nebo borto.

### **Komuritetab Beek**

Murindo nebunu ole kichobeen tuguk, ole kisertoen beek che muren ak murindab pospet che bunu mbarenik kobendi segenenosiek, oinosiek ak nyanchosiek ak komurit kondametusiekab beek chebo ng'wony ak kong'em minutik, tiong'ik ak chametabgee nebo borwek en biik.

### **Itonwek che terterchin che Kikochuchukak**

Itonwek che terterchin ko tuguk cheu ketik, minutik ak tiong'ik che terterchin en ng'wony. Murinto ak tiletab osnosiek ko choton che ichuchuche koitosikab ketik ak tiong'ik ne noton ko konu kobetio en ng'wony tuguk cheite 100 en chuton. Inoni kochuchuche tuguk che chang che kiyoen kerichek, ak kimnotosiek ak tuguk che kiboisien en betut age tugul.

### **Kayuagtaetab Meleweet**

Olon kobetyo minutik en ng'wony ak koyam ng'ung'unyek ak kegutita anan kola beek, ko kemkemitu mbaret. Inoni kora kegureen kayuaktaetab melelweet ne noton ko wole mbarenik koik che kemkem che momi kit ne keitoo cheite ektainik che chang' chebo mbarenik, che choton ko mii ole ng'oi missing'.

**Murindo ne ng'oi missing'**

Murindo nebo ng'wonet ako weche biik komuche kobunu kampunisiech che boisien kerichek anan ko che chute borto en ortinwek che kimeen. Murinoton ko weche emet en ortinwek cheu chonkibo kampunit ne kiyoe kerichekab mbar en olin bo Bhopal en India ne kiit kotiol

**Ropta ne boAcid ne tile biik**

Kou yon kakakemwa en kamuriteteab koristo en barak yu, ropta nebo acid, missing' ko en emetab chumbeek ak Amerika Murot Katam ko bore osnosiek. Oloon komong' murindo ko bendi akoi ko walak koik ropatb acid. ketik, minutik, njirenik ak koboton agot korik koite keweck ak icheck.

**Kokesuneetab tapoiyat**

Kericheek che uu chlorofluorocarbons (CFC's) keboisien en tuguk che ikoitite tuguk ak tuguk alak chebo kampunisiech alak che chobe tuguk che terterchin kobaten kogenai en nguni kele weche ole tere asista en barakutab ng'wony ne ntotn kou kiroisit. Kiroisinoton ko ne tere ng'wony komoiti keliekab asista ne weche tuguk ne noton kegureen ultra-violet rays (UV). Olon kang'em kerichechotonkiroisitab ng'wony, ko imuche koiti ng'wony keliekab asista che yachen ako choton ko ng'eme akot chametabgee nebo biik en ng'wony, ak kogo mionwokik cheu lupaniat nebo magatet ak mionwokik alak.

**Koimutikab Nganasook che Echeen**

Tugosiek che chang' ak Nganasook che echeen ko tindoo koimutik che chnang chebo murindab saratik ak tagatagek, koristo ne murr, bolet ne oo, chiletabgee ne oo ak rorunetab komoswekab resop.

**Rorunetab Tuguk che konu Mogornotet**

Rorunetab kimnotosiek ak tuguk che kiboisien en ng'wony komugul ko noton ne yoe koror tuguk cheu mwanik, koikab kamanut, koik che kibelseen, ak osnosiek. Noton ko konu kemoiyo tuguk che kiboisien ako ite kogo terchinosiek en ng'wony. En konegit koiku koimutiet cheng'etab kimnotosiek che kiboisien angot ko mokinyor tuguk che ter che konu kimnotosiechoton kou che bunu beek, koristo, nuclear kosir keboisien tuguk che roru cheu mwanik, koik che kibelseen, ak gasit.

**Tebeen kanetik biik chebo Isasamook tebutichu:**

Ne neibwote ile nyolu koyai TIST akobo koimutichu?

Ibwat ikochin cherseet Isasamokuok chebo TIST ak biik alak chebo boror komin ketik che chang'asi komuch kochuchuch alak en koimutichubo atebeetab emet ak kokochi tuguk che yaach itonwekab emeet asi kimuch kewal kokaikaiit missing'.