

# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter October 2023

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

www.tist.org

*English Version*

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



**A Verifier from Epic Sustainability Inc from India talks to Kirua TIST Cluster farmers during the recent Verification in August 2023.**

**A verifier from Epic Sustainability Inc from India talks to a TIST farmer during the recent Verification in August 2023.**



**Verifier talking to TIST farmer**

**Inside:**

- ✓ **TIST: Understanding How Carbon Tonnes are Created and How profit are shared. Page 2**
- ✓ **TIST Small Group Eligibility Requirements. Page 6**



**TIST: Understanding How to Join TIST, Create Carbon Tonnes and Earn Profit.**

Many TIST Farmers, especially those who are joining TIST today, have requested more understanding about TIST program. They want to understand how they can join TIST and what is involved for them to earn profits.

This Newsletter heed their request. We will discuss the process till the time a new farmer wants to join TIST and things they need to do in TIST. It is important to note that joining TIST is voluntary. Before joining TIST, farmers are encouraged to learn more about TIST so that they can make free and informed decision. TIST works directly with farmers. Farmers work hard in their farms and take care of the things they do in order to earn benefits.

Process (What)	Who to help you	What	How
<b>A Farmer wanting to join TIST</b>	Cluster Servant or any other person working with TIST (TIST Servant)	Interested Farmer want to join TIST will contact any TIST Servant.  A farmer will be required to form a Small Group of 6-12 close neighbour. (Please study Small Group Eligibility Requirements Document)  A TIST Servant will train you about what is TIST and Small Group Formation	Your new Small Group will be required to start doing weekly meetings (at Small Group Level) and also attending Monthly Cluster Meeting.
<b>Getting Training for a New Small Group</b>	Cluster Servant or any other person working with TIST (TIST Servant)	Your Small Group will be guided through the Application Process and taught about Small Groups Best Practices (weekly meetings, Rotational & Servant leadership, Kujengana, Action planning, Raised Nursery Management etc)	Each member of your Small Group should be attending a Cluster meeting every month. Your Small Group will be issued with Application Process document.  <b>Things that each of your Small Group members need to learn and understand during Application Process.</b> <ol style="list-style-type: none"> <li>1. Each member should learn and understand Tree species and their importance (You will be also be trained on Trees that do not qualify for carbon)</li> <li>2. Each member should learn and understand how to establish Tree Nurseries</li> <li>3. Each member of your Small Group should be attending Weekly Small Group meetings using TIST Best Practices</li> <li>4. Your Small Group should start practicing Rotational and Servant Leadership and Kujengana</li> <li>5. Each member should learn and understand how to practice Conservation Farming</li> <li>6. Each member should learn and understand GhG Contract</li> <li>7. Each member should learn and understand Small Group Eligibility Requirements</li> </ol> <b>Your Cluster Servant will use pendragon form to register your Small Group as Applicant Group.</b>
<b>Cluster Trainings and meetings</b>	Cluster Servant and your Small Group members	Your Small Group members should attend Cluster Trainings every month	At the Cluster meeting, Cluster Servants and Cluster Leaders should work together to provide TIST members with high Quality Trainings, provide them with latest TIST News and Information, Answer their Questions, Concern and or Grievances. They should also communicate with TIST Leadership on any requests Cluster members may have.  Cluster Servants and Cluster Leaders may use Training Materials provided in TIST Mobile website, TIST Learning Center, Printed Training Materials, TIST Chatbox, Mazingira Bora Newsletter, Seminar Notes.  Cluster Servant should use pendragon forms to give Cluster meeting and Accounting Reports and make sure they synchronize that information to the TIST Database.  Additionally, Cluster Servants should update in the TIST Mobile Website, the Cluster meeting dates, dates of election and Cluster Leaders information  Each Cluster should rotate Leadership after every four months. Cluster leader rotates out, Co-Leader becomes Leader and new Accountability person is elected. If Co-leader is a Male, Accountability should be a Female and vice-versa  Cluster Servants and Leaders should welcome new members at the Cluster meeting  Cluster Servant should each month make arrangements with Small Groups members that will have their trees quantified till the next Cluster meeting  Cluster Servant should at every Cluster Meeting notify each Small Group their current status – Profit share eligibility, number of Groves and trees Quantified etc.



<p><b>Baseline for New Small Group</b></p>	<p>Cluster Servant</p>	<p>Your Small Group members should identify areas they want to plant trees now and in future.</p> <p>Your Small Group members should be present when a Cluster Servant come to take Baseline (To answer Questions related to ownership, history of the land etc. )</p> <p>Baseline yields to getting the Grove into a <b>PDD</b> (Project Design Document). This is the first step in participating in carbon credit business</p>	<p>Baseline involves answering questions about the Grove area a farmer has identified for planting</p> <ul style="list-style-type: none"> <li>- Ownership ( Please show a Title Deed, Beacon Certificate, Permission from land owner, Customary, Lease) ( If no ownership proved , Grove cannot Qualify)</li> <li>- Forest. Whether a Grove is already a Forest ( If Yes, the Grove cannot Qualify)</li> <li>- Deforested (Last 10 years). If yes, Grove cannot qualify</li> <li>- Displacement. If a farmer is stopping other activities so as to plant trees for carbon, this Grove cannot Qualify</li> <li>- Topography</li> <li>- Baseline Trees and baselines Stumps (Baseline trees and trees that sprout from Baseline stumps are not Quantified as TIST Trees)</li> <li>- Tracks – Primary track 1 and track 2.</li> </ul> <p><b>Your Cluster Servant will only take track when satisfied your Grove meets all Baseline Requirements</b></p> <p>Your Cluster Servant will also take GPS Readings at the center of the Grove.</p> <p>If the Grove doesn't qualify, Cluster Servant should inform you the reasons.</p>												
<p><b>Registration of your Small Group</b></p>	<p>Cluster Servant</p>	<p>Your Small Group will be formally registered in TIST after all members have passed Application Process and all are Voluntarily joining TIST.</p>	<p>After your Group has been successfully baselined, pass Application process and meets all Small Group Eligibility requirements, you shall;</p> <ol style="list-style-type: none"> <li>a) Re-read, understand, sign the Greenhouse Gas ( GhG) Contract</li> <li>b) Your Cluster Servant will have the contract uploaded in the TIST Website</li> <li>c) Your Small Group should retain and keep safe, the original copy of GhG Contract</li> <li>d) Your Cluster Servant will Register your Group using the Pendragon Form</li> </ol>												
<p><b>Planting Trees for TIST</b></p>	<p>Farmer</p>	<p>Farmer Plant trees following TIST Best Practices</p>	<ul style="list-style-type: none"> <li>- To assure higher survival of your trees, plant trees on the onset of rains.</li> <li>- Remind yourself and other members in your Small Group to use 2m Tree spacing or 3-4m for fruit and nut trees.</li> <li>- You are encouraged to plant different species of trees – mix indigenous, exotic, fruit, fodder and nut trees</li> <li>- Always weed your Groves and water their trees during dry season.</li> <li>- Remind Farmers to plant trees that can last 30 years and more.</li> <li>- Remember, Trees are Quantified when they have been Transplanted in the Grove area and are <b>6 months and older</b></li> <li>- Trees that harm the environment or soil are not encouraged</li> <li>- No trees should be planted in wetlands – TIST doesn't count trees planted in wetlands.</li> </ul>												
<p><b>Quantification</b></p>	<p>Cluster Servant</p>	<p>Your Cluster Servant should visit your Small Group once in a year. (Between Oct 1- Sept 30<sup>th</sup>)</p> <p>Only Trees that qualify in TIST will be counted / quantified.</p> <p>Quantification process yield to <b>Sequestered Tonnes</b></p>	<p>During Quantification, Your Cluster Servant should make sure...</p> <ul style="list-style-type: none"> <li>- They have their equipment fully charged and in working condition.</li> <li>- They have a note book, pen and a tape</li> </ul> <p>Once they get to your Grove, they will...</p> <ul style="list-style-type: none"> <li>- Take a secondary track.</li> <li>- Count trees by Ages and Species</li> <li>- Take Circumference by Ages. (Non- Eucalyptus)</li> <li>- Take clear Photos.</li> </ul> <p>This is Guideline to your Cluster Servant on doing tree count and Circumference in their note book.</p> <p>Example.</p> <p>Kinoti Grove, Kibeca Group 2004KE124</p> <p><b>Trees age 5.</b></p> <table border="1" data-bbox="651 1742 1350 1854"> <thead> <tr> <th>Species</th> <th>Tree Count</th> <th>Circumference</th> </tr> </thead> <tbody> <tr> <td>Avocado</td> <td>23</td> <td>33,36,28,24, 30, 34</td> </tr> <tr> <td>Gravellier</td> <td>47</td> <td>41,41, 38, 34, 29, 37,28,36,18,26</td> </tr> <tr> <td>Mango</td> <td>18</td> <td>22, 24, 27, 18,</td> </tr> </tbody> </table> <p>Please Note;</p> <ol style="list-style-type: none"> <li>1. For Trees Less than 20 in same Age Cohort, you only take 1 tree for circumference</li> <li>2. For 20 trees and above, you take circumference for 20 trees. Be random ( big, medium, small) and mix different species.</li> <li>3. Take circumference at 137 cm height from the base of the tree.</li> </ol> <p><b>Other Notes.</b></p> <ol style="list-style-type: none"> <li>1. <b>New Trees are counted when they are 6 months and older.</b></li> <li>2. <b>New Groups should ONLY have New trees ( 1 year old) counted for them</b></li> <li>3. <b>Avoid Counting Baseline Trees as TIST Trees.</b></li> <li>4. <b>Avoid Counting Trees that sprout as TIST Trees.</b></li> </ol>	Species	Tree Count	Circumference	Avocado	23	33,36,28,24, 30, 34	Gravellier	47	41,41, 38, 34, 29, 37,28,36,18,26	Mango	18	22, 24, 27, 18,
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			<p><b>5. Avoid Counting tree bushes as TIST Trees</b>  <b>6. Avoid Counting hedges / fences as TIST Trees.</b>  <b>7. Make sure you adhere to 2 m spacing</b></p> <p>Cluster Servants are encouraged to always plan ahead of their Quantification preferably during the Cluster Meetings so that Farmers may be aware and be present when they visit them for Quantification.</p> <p>As a Small Group member, <b>make sure all members of your Small Group are visited and their Groves Quantified.</b> If the Groves are invalid, they should be dropped and inform any of TIST KE Leadership Council member and announce during next Cluster meeting.</p> <p>Your Cluster Servants should share the result of your Small Group Quantification to you and your other Small Group Members.</p>
<b>Internal Audit</b>	TIST Auditors	TIST Auditors will check Quantification data of your Groves	<p>TIST Auditors will randomly select Groups and Groves already Quantified by your Cluster Servant.</p> <p>They will check among other things as;</p> <ol style="list-style-type: none"> <li>1. Whether your secondary track match with Primary tracks</li> <li>2. Accuracy of tree count in your Groves</li> <li>3. Adherence of 2m spacing</li> <li>4. Correct naming of tree species</li> <li>5. Correct tree ages</li> <li>6. Accuracy of tree circumferences by age (and whether it is complete and random)</li> <li>7. Whether all Groves have been Quantified</li> <li>8. Any other issue relating to TIST work including the behavior and attitude of the Cluster Servant.</li> </ol> <p>During Audit, Auditors will share results of the Audit to Cluster Servant. Here are the score and action taken</p> <p>If Quantifiers scores...</p> <p>+-%5 - This is a pass. Quantifier is congratulated and may earn a bonus if consistent in other Groves.</p> <p>+10% - Quantifiers is issued with warning and Auditor may direct him or what on action to take. E.g Re-Quantify</p> <p>Above +-10% - Quantifier is suspended ( Mostly for 2 month) and the Auditor refer the issue to GOCC Leadership and to Leadership Council. Quantifier should immediately surrender TIST Equipment to the Auditor and cease to carry out any TIST work related to Quantification, Training etc.</p> <p>A Cluster Servant may be terminated for gross violation of TIST Values and failure to show up for Audit without a valid reason.</p>
<b>Validation</b>	External Auditor	This is an Independent Auditor who check the Program and Groves are meeting the regulations set by Verra and CDM	<p>Validation and verification are critical to ensuring the integrity and quality of the projects registered in Verra's programs and program methodologies. These processes are conducted by validation/verification bodies (VVBs) – qualified, independent third-party auditors who are approved by Verra. VVBs are experts.</p> <p>During <b>validation</b>, a VVB determines whether a project meets all rules and requirements from the Verra Programs</p> <p>Validators check the Baseline Information of the Groves. They are concerned with Grove Ownership, Displacement, Existing Forest, Deforestation within the last 10 years, Additionality, and any other things they are required to check.</p> <p>They will normally check if the information we provided is accurate and adhere to Verra rules and methodologies.</p>
<b>Verification</b>	External Auditor	Usually, they are the same as Validators but now checking the accuracy of carbon sequestered by TIST program.  Verification process yield to <b>Verified Tonnes</b>	<p>Verification checks whether our Quantification data is accurate and is following the rules set out by Verra and CDM</p> <p>Verifiers will check;</p> <ol style="list-style-type: none"> <li>1. If our tree counts and circumference data is accurate.</li> <li>2. If we have taken our data from the track established during Baseline taking</li> <li>3. If we have counted trees only inside track area</li> <li>4. If there are no baseline trees being included in Quantification Tree Count</li> <li>5. If harvesting is happening except when Farmers are following TIST sustainable harvesting policy as stipulated in GhG Contract and Small Group Eligibility Requirement.</li> <li>6. If there is loss of carbon that is happening either because of skipping some Groves or Trees dying.</li> <li>7. If our TIST Trees will last in the Ground for 30 years and above.</li> <li>8. There is significant risk of TIST Tonnes getting reduced or lost</li> <li>9. Any other things that Verra and CDM rules ask them to audit.</li> </ol> <p>Verifiers will also check if there are benefits of the project to the Community, Climate and to the biodiversity (CCB).</p> <p>Planting indigenous trees, keeping bees improve biodiversity. Planting Fruit trees, doing Conservation Farming (CF) and Energy saving jikos improves the lives of the communities. Planting many and different species of trees improves climate.</p>



<p><b>Certification</b></p>	<p>VERRA</p>	<p>VERRA is the body regulating Carbon projects and trading under Voluntary Market. TIST use rules established by VERRA.</p> <p>Certification Process yield to <b>Verified Carbon Units (VCU)</b></p>	<p>Verifiers after doing Verification and Validation take their report to Verra. Verra issues Carbon Projects with Certificates to allow them sell their carbon tonnes in the market.</p> <p>If a carbon project fails in Validation and Verification, Verra cannot issue certificate and therefore such a project cannot participate in carbon market.</p>
<p><b>Marketing and Selling</b></p>	<p>CAAC</p>	<p>CAAC does the marketing of <b>Verified Carbon Units (VCU)</b></p>	<p>CAAC does the marketing of TIST Tonnes. When we have high quality results, it becomes easier for CAAC to market TIST Tonnes</p> <p>Additionally, when other activities like CF, Stove Jikos, bee hives, Fruits, Nuts, Fodder etc including participation of youth, women in TIST leadership, are being practiced by TIST Farmers, the value of TIST Tonnes increase in the market hence the price.</p> <p>When we do poor job and have poor data and wrong information, buyers begin to lose confidence with TIST. They begin looking for tonnes elsewhere. We lose market and cannot participate in carbon market any longer. Lets avoid this!</p> <p>It is therefore important for everyone involved in TIST to strictly adhere to <b>TIST Values – We are Honest; We are Accurate; We are Transparent; We are Mutually Accountable; We are Servant to each other; We use low budget to get High Results</b></p>
<p><b>Sharing of Profit Share</b></p>	<p>CAAC</p>		<p>After Sale of carbon Tonnes within the Financial Year (CAAC Financial Year start from Oct 1 to Sept 30<sup>th</sup>), CAAC will do calculation of Profit Share as Follows.</p> <p>Example.</p> <p>Total Carbon Tonnes sold XXX          Less Program Expenses XX          Less Tax = Profit XXX</p> <p>Program Expenses include things like Pre-payments, Quantification Expenses, Training Expenses, Validation and Verification Costs, Marketing Costs, Seminars, Salaries etc.</p> <p>After getting Profit, Small Groups get 70% of Profit and CAAC get 30%.</p> <p><b>Please note: TIST does not ask farmers for any payments: Registration, Training, Quantification, GhG, Mazingira Bora costs are met by CAAC. We factor in these costs during calculations of profits. Do not pay anything to anyone!</b></p>
<p><b>Payments to Small Groups</b></p>	<p>Cluster Servants</p>		<p>After Profit Share is Calculated, Each of the Small Group meeting Profit Share Eligibility will receive payment voucher.</p> <p><b>Note: Qualification to get Profit Share Payments</b></p> <ol style="list-style-type: none"> <li>1. Your Small Group should be Quantified within the period of CAAC Financial Year (Oct 1, - Sept 30<sup>th</sup>)</li> <li>2. Your Small Group should have complete Baseline Information</li> <li>3. Your Small Group should have signed GhG Contract and uploaded in the TIST Website.</li> <li>4. Your Small Group has not lost Tonnes either through harvest or any other causes</li> <li>5. Your Small Group is following TIST Values.</li> </ol> <p><b>Payment Meetings: First Payment meeting</b></p> <p>Once the payments vouchers have been generated, a Cluster Servant will bring them to the First Cluster meeting. A Small Group should send at minimum 2 Representatives to come for the Voucher.</p> <p>After the meeting, the Small Group Reps with the voucher will convene a meeting with all members of the Small Group. They will discuss the voucher and agree on payments and ALL should sign the voucher if satisfied. If they don't agree with voucher, they will take it back to the Cluster meeting and Cluster Servant will communicate with Leadership Council.</p> <p>During the Small Group meeting, members will appoint Mpesa Custodian ( If their Voucher has less than KES 30,000) to receive their payments on behalf. The Mpesa Custodian must be a member of your Small Group and should have his/her trees Quantified. Next of kins , relatives or friends <b>who are not</b> members of your group <b>are not allowed</b> to be Mpesa Custodians.</p> <p>On the same note, for Small Groups with vouchers above KES 30,000 will appoint Three members to open a Bank Account and be signatories. Like in Mpesa Custodian, <b>ONLY</b> true members of the Small Group are allowed to be signatories. Next of kins , relatives or friends <b>who are not</b> members of your group <b>are not allowed</b> to be bank Signatories.</p> <p>Note: Remind Mpesa custodian should not to have <i>Fuliza</i> or any other loan that will deduct their payments. Further, they should check their Mpesa balances to allow receipt of payments.</p>



			<p><b>Payment Meetings: Second Payment meeting</b></p> <p>This is a meeting one month after the voucher was issued. Small Groups are required to come with their Voucher properly signed by ALL members. Remember, at minimum, two-third of the Members of the Small Group should be present at this meeting.</p> <p>Cluster Servant will call out the names of Small Groups with Vouchers. S/he will verify details of your Small Group as follows.</p> <ol style="list-style-type: none"> <li>1. Your voucher is valid - it was issued previous month. Some Groups bring old vouchers that have already been marked void. This is wrong.</li> <li>2. All Members of your Small Group have properly signed the Voucher</li> <li>3. Your Mpesa Custodian or Bank Signatories are members of your Groups and have their trees Quantified.</li> <li>4. Cluster Servant will record your Small Group details and share with payment Team. Please confirm the phone details very carefully. Mpesa Custodian should give his/her three names as it appears in the national Identity (ID) card.</li> <li>5. For Groups with less than KES 30,000, they will receive their payments via Mpesa from CAAC</li> <li>6. For Groups with KES 30,000 and more will receive a Cheque.</li> <li>7. Once the payment is received, Mpesa Custodian or Bank Signatories should notify other members of the Small Group for Sharing</li> <li>8. Remember, Cluster Servant should retain the lower part of the voucher where members signed. Small Group will retain the upper part for their record.</li> <li>9. Small Groups that will fail to attend the second payment meeting will get another chance (final) in the following Cluster meetings. After this meeting, the voucher will be voided and they can only be paid during the next generation of vouchers.</li> <li>10. It is important for Small Groups to be attending Cluster meetings. <b>Encourage Them Always!</b></li> </ol>
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## TIST Small Group Eligibility Requirements.

<p><b>TIST Values:</b></p> <ul style="list-style-type: none"> <li>❖ We Are Honest.</li> <li>❖ We Are Accurate.</li> <li>❖ We Are Transparent.</li> <li>❖ We Are Mutually Accountable.</li> <li>❖ We Are Servants to Each Other.</li> <li>❖ We Create Big Results with Low Budgets.</li> </ul>	<ol style="list-style-type: none"> <li>1. There should be 6 to 12 members in your Small Group, from at least 3 different households.</li> <li>2. Each Small Group must be willing to follow the TIST Values.</li> <li>3. Members of each Small Group should meet together weekly using TIST Small Group Best Practices to share ideas and organize their work. Small Group members should participate in TIST training to help develop and share Best Practices with other TIST Small Groups.</li> <li>4. All Small Group members are required to sign the Greenhouse Gas Contract and notify TIST Leadership when Small Group members leave the land or leave the Small Group, when new members join the Small Group, and when a new grove is planted.</li> <li>5. Small Group members should provide evidence showing her/his ownership of or access to the land where they will plant, or have planted, TIST trees.</li> <li>6. Each Small Group should plant at least 500 trees per year for at least 3 years.</li> <li>7. TIST Small Groups should organize to form Clusters. A Cluster is formed by 30- 50 Small Groups that are all within walking distance of each other. A Cluster should have enough land within 2 years of joining TIST to plant 400,00 trees (approximately 160 hectares).</li> <li>8. For the TIST Small Groups to qualify for a carbon business, Small Groups must keep the trees alive for 60 years or longer, except when following Best Practices for agroforestry. The current Best Practice is that 10 years <i>after</i> the trees were planted, Small Groups may harvest up to 5% of trees planted each year on each grove or farm plot.</li> <li>9. Clean Air Action Corporation (CAAC) will count the TIST trees, measure the carbon sequestered, and pay Small Groups US \$0.02 per live tree, per year, throughout the GHG contract. CAAC will turn the carbon into carbon credits and pay the Small Groups 70% of the profit from the sale of carbon credits.</li> <li>10. TIST Small Groups should replant trees that die, for any reason, each year for at least 5 years.</li> <li>11. Tree species that are treated as bushes or hedges (less than 2 meters tall) cannot be counted as TIST trees.</li> <li>12. CAAC will only count TIST trees that are planted with a minimum spacing of at least 2 metres. Trees planted at a spacing of less than 2 meters can be thinned for firewood or fodder.</li> <li>13. No trees that damage the environment will be counted as TIST trees such as eucalyptus.</li> </ol>
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# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter October 2023

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5. We are Mutually Accountable to each other

www.tist.org

**Kimereu Version**

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



**Mthibitishaji kutoka Epic Sustainability Inc kutoka India anazungumza na wakulima wa Kikundi cha TIST cha Kirua wakati wa Uthibitishaji wa hivi majuzi mnamo Agosti 2023.**

**Mthibitishaji kutoka Epic Sustainability Inc kutoka India anazungumza na mkulima wa TIST wakati wa Uthibitishaji wa hivi majuzi mnamo Agosti 2023.**



**Mthibitishaji akizungumza na mkulima wa TIST**

**Inside:** ✓ TIST: Kumenya uria uumba gutonya kiri TIST, kathondeka kaboni tani na kugwta baita. *Page 2*

✓ Mantu jaria gakundi ga TIST kabwiiri gukunyithia *Page 6*



## **TIST: Kumenya uria uumba gutonya kiri TIST, kathondeka kaboni tani na kugwta baita.**

Arima babaingi ba TIST, muno baria bagutonya ndeene ya TIST kagita gaka, nibakwenda kumenya nkuruki muradi wa TIST. Nibakwenda kumenya uria boomba gutonya kiri TIST na nimbi yendekega nikenda wona baita.

Ngatheti iji iri na macokio ja maromba mao. Nitukwariria mubango uju kuuma riria murimi u mweru akwenda gutonya ndeene ya TIST na mantu jaria babwirite kuthithia bari ndeene ya TIST. Nibwega kumenya gutonya kiri TIST nikwi endera kwa muntu. Mbere utonya TIST, Arimi nibakuinyirua bathome muno mantu jegie TIST nikenda boomba kuthithia matua ja meega. TIST iritaga ngugi na arimi. Arimi baritaga ngugi na inya ndeene ya miunda yao na bakamenyeera ngugi iria baritaga nikenda boona baita.

Nimbi	Nuu akagutethia	Nimbi	Atia
<b>Murimi ukwenda gutonya kiri TIST</b>	Clasta servant kana muntu ungi ugwita ngugi na TIST (clasta servant)	Murimi o wonthe ukwenda gutonya kiri TIST no aranirie na na mwiti ngugi o wonthe wa TIST.  Murimi akendeka athithie gakundi kanini ka antu 6-12 baria bakuhaniritie (Thoma mantu jaria jendekega kiri gakundi)  Mutungati wa TIST agagwitana Tist nimbi na uria gakundi kanini kathithagua	Gakundi gaku kanini gakendeka kuthithia micemanio ya o kiumia (aria gakundi gakabanga) na nkinya gwitaga mucemanio jwa o mweri jwa clasta
<b>Kugwata kithomo kia gakundi kajeru ga TIST</b>	Clasta servant kana mwiti ngugi o wonthe wa TIST ja (clasta servant)	Clasta servant kana mwiti ngugi o wonthe wa TIST ja (clasta servant)	Mumemba o wonthe wa gakundi nonkinya eete mucemanio jwa o mweri jwa clasta. Gakundi kanini gakanenkerwa fomu ya iromba ria gutonya kiri muradi.  Mantu jaria amemba ba gakundi babatarite kumenya na kuthoma kagitene ga applicatin proces. <ol style="list-style-type: none"> <li>1. O mumemba nonkinya athome na amenye mithemba ya miti na baita yayo (nankinya amenye miti iria itikwendeka kiri biashara iji ya kaboni)</li> <li>2. O mumemba nonkinya athome na amenye kuthithia nasari ya miti</li> <li>3. O mumemba nonkinya ethire agiita micemanio ya o kiumia ya gakundi na akithingagiira njira injega</li> <li>4. Gakundi gaku kanini nonkinya kathingatiire utongerieria bwa muthioruko na jwa kwiritaniria amwe na kujengana.</li> <li>5. Mumemba wonthe nonkinya athome na amenye kuthithia urimi bubwega jabu CF</li> <li>6. Mumemba wonthe nonkinya athome na amenye kirikaniro kia GHG</li> <li>7. Mumemba wonthe nonkinya athome na amenye mantu jaria jendekega kiri gakundi.</li> </ol> <p><b>Clasta servant ageeta mbere kwandikithia iromba ria gakundi gaku kiri fomu jia pendragon.</b></p>
<b>Ithomo jia clasta na micemanio</b>	Clasta servant na amemba ba gakundi	Amemba ba gakundi nonkinya beete kiri ithomo o mweri	Kiri micemanio ya clasta, atongerieria a clasta ja clasta servant na clasta leader nonkinya barite ngugi amwe gutigiira amemba nibakugwata kithomo gikithongi, kumenyothia arimi mantu ja mageni ja TIST, bacokie jiuja jia arimi, mendikithia na nkinya matangika ma arimi. Nonkinya bamenyithie atongerieria bangi ba TIST iromba rionthe arimi boomba kwithira bari najo.  Clasta servant na mutongerieria wa clasta noo batumiire mobile website kuthomithia, TIST learning center, mathomo jaria jandiki kiri makaratasi, TIST chatbox, mazingira bora kana ithomo iria bagwatite kuuma kiri semina.  Clasta servant nawe atumiire fomu jia pendragon kunenkanira ripoti cia micemanio na nkinya cia mathabu na atigiire agutuma ripoti iji kiri database ya TIST.  Bungi, clasta servant nonkinya athithie update cia cluster ndeene ya TIST mobile website, tariki cia micemanio, tariki cia ithurano na nkinya atongerieria ba cluster.  O clasta nonkinya ithuure atongerieria bangi o nyuma ya kagita ka mieri 4. Mutongeeria wa clasta niwe umaga, co-leader agatuika mutongerieria alafu mwiki mathabu akathuuurwa ungi u mweru. Kethira munini wa mutongerieria agukari mumtu murume, mwiki mathabu nonkinya ethire ari mwekuru o uu gwita mbere  Clasta servant na atongerieria bangi ba clasta nonkinya bakagwata amemba ugeni riria beeja micemanio ya TIST.





			<p>Clasta servant nonkinya o mweri bakabanga ikundi iria igatarirua miti bari na amemba ba gakundi.</p> <p>Clasta servant o mweri niabataritue amenye o gikundi status yakiomantu jegie kugaa baita,ni miunda igana batariri,miti iria batariri na jangi.</p>															
<b>Mantu ja gakundi kajeru</b>	Clasta servant	<p>Amemba ba gakundi gaku nonkinya bathuure aria babangite kuanda miti yao thaa iji na nkinya kagita gakeja.</p> <p>Amemba ba gakundi nonkinya bethiire bari o riria clasta servant eeta miundene yao kagita ka mbere nikenda oo.ba gucokia jiuira ja (nuu mwene muunda,rugano rwa muunda na jangi)</p> <p>Kujukia rugano rua muunda nio kaanya ka muunda gutonyithua kiri <b>PDD</b> (Project Design Document) Riri nirio ikinya ria mbere kiri biashara ya kaboni.</p>	<p>Baseline ni ngugi ya gucokia jiuira jegie muunda uria murimi athuroite kuthithia ngugi ya uandi wa miti.</p> <ul style="list-style-type: none"> <li>- Muunda ni jwaku (onania title deed,beacon certificate,baruga ya mwene muunda,customary,ya gukombora) Gukethiira utionania ni muunda jwaku,,muunda uju utiumba kthithia ngugi iji kiri ju.</li> <li>- Mwituu.Muunda juju ka jwii mwituu(kethira ii muunda juju jutibwiira).</li> <li>- Muunda ka jutemi miti(miaka ikumi miiituku)kethiira ni uu muunda jutibwiira.</li> <li>- Gakwimantu jaeretue muundene.Kethira murimi niatiganite na mantu jaria athithagia nikenda aanda miti ya kaboni,muunda juju jutikubwira.</li> <li>- Uria muunda jukari.</li> <li>- Miti iria mikuru na ithiki(miti iria mikuru na ithiki iria imerete ringi,itaragua ja miti ya TIST</li> <li>- mbica cia miunda- ya mbere na ya kairi.</li> </ul> <p><b>Mutari wa miti jawe clasta servant akajukia mbica ya muunda ona ati muunda jwaku nijukungia mantu jonthe jegie baseline.</b></p> <p>Clasta servant nkinya akajukia GPS gatigati ka muunda jwaku.</p> <p>Kethira muunda jwaku jutigukinyaniria jaria jakwendeka,clasta servant niabwiiri gukumenyithia itumi.</p>															
<b>Kuandilithia gakundi gaku</b>	Clasta servant	Gakundi gaku gakandikithua kiri TIST kethira amemba bonthe nibakurukite mubango junthe jwa application na nibakuthungira ndeene ya TIST na guciendera	<p>Gakundi gaku karikia kuthithirua baseline o bweega,gakuruka mubango jwa application na nikagukinyaniria mantu jonthe jaria jendekaga,nonkinya:-</p> <ol style="list-style-type: none"> <li>a) Kathome,kamenye na koojurie fomu ya GHG.</li> <li>b) Clasta servant waku agatigiira fomu iji ikuthithirua scanning na yatumwa kiri mitandao ya TIST.</li> <li>c) Gakundi gaku gekare na fomu na kamiige bwega,iji niyo copy original ya GHG.</li> <li>d) Clasta servant waku akaandikithia gakundi gaku gukurukira App ya pendragon form.</li> </ol>															
<b>Kuanda miti ya TIST</b>	Murimi	Murimi aande miti akithingatigiira njira injega jia TIST.	<ul style="list-style-type: none"> <li>- Gutigiira miti yaku yonthe niikugwata bweega wa anda,anda miti yaku riria mbura yambiriria.</li> <li>- Ririkana na uririkanie amemba ba gakundi gaku kuanda miti na utiganu wa 2m kana 3-4m kiri miti ya matunda na makandamia.</li> <li>- Tigira ni ukuanda miti mithemba imingi-ungania miti,ya kigeni,ya matunda,ya iria ria nyomoo na makandamia.</li> <li>- Igita rionthe thereria miunda yaku kumania na iria na ikira ruuji miti kagita gakomo.</li> <li>- Ririkana arimi kuanda miti iria igekara nkuruki ya miaka 30</li> <li>- Ririkana,miti itaragwa riria ya andwa na yekara muundene <b>mieri itatatu na nkuruki.</b></li> <li>- Miti iria ithukagia riera na nkinya muthetu tutimiendaga.</li> <li>- Guti miti ibataritue kuandwa kiri marimba ma nduuij (wetlands)TIST ititaraga miti iria iandikiri wetlands</li> </ul>															
<b>Utari wa miti</b>	Clasta servant	<p>Clasta servant wenu abataritue eete muunda jwa gakundi o rimwe ndeene ya mwaka (kuuma Oct 1- sept 30th)</p> <p>Miti iria ibataritue gutarua niyo igatarua ndeene ya TIST.</p> <p>Mubango uju wa utari miti niyu juretaga ithabu ria kaboni</p>	<p>Kagitene ga utari miti,clasta servant wenu nonkinya...</p> <ul style="list-style-type: none"> <li>- Machini ciao cia ngugi niciikiri mwanki bwega na ni ukurita ngugi.</li> <li>- Bari na mauku,kalamu na tapemeasure.</li> </ul> <p>Bakinya muundene jwaku,nonkinya...</p> <ul style="list-style-type: none"> <li>- Bajukie mbica ya muunda jwaku.</li> <li>- Batare miti kuringana na miaka na mithemba yayo.</li> <li>- Bathime waarie bwa miti kuringana na miaka yayo na ti mibau mauta.</li> <li>- Baringe mbica injega.</li> </ul> <p>Iji niyo njira injega ya mutari miti kuandika ndeene ya iuku riawe kagita ka gutara miti na kuthima waarie</p> <p>Kionereria.</p> <p>Muunda jwa Kinoti,Kibeca Group 2004ke124</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Miti ya miaka 5</th> </tr> <tr> <th style="text-align: left;">Muthemba wa miti</th> <th style="text-align: left;">Miti iria itari</th> <th style="text-align: left;">Waarie bwa miti</th> </tr> </thead> <tbody> <tr> <td>Mivokando</td> <td>23</td> <td>33,36,28,24,30,34</td> </tr> <tr> <td>Mikima</td> <td>47</td> <td>41,41,38,34,29,37,28,36,18,26</td> </tr> <tr> <td>Miembe</td> <td>18</td> <td>22,24,27,18</td> </tr> </tbody> </table>	Miti ya miaka 5			Muthemba wa miti	Miti iria itari	Waarie bwa miti	Mivokando	23	33,36,28,24,30,34	Mikima	47	41,41,38,34,29,37,28,36,18,26	Miembe	18	22,24,27,18
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			<p>Nibwega uririkane:</p> <ol style="list-style-type: none"> <li>1. Miti iria itigukinya 20iri kiri mwaka o jumwe,uthimaga wariee jwa muti jumwe</li> <li>2. Miti iria iri nkuruki ya 20,uthimaga wariee miti 20.Thima igitukanagia iria minene,i minini na nkinya ya size na nkinya utukanie mithemba e miti.</li> <li>3. Thima wariee bwa miti kiri uruja wa 137cm kuuma gitina kia muti.</li> </ol> <p><b>Mantu jangi ja kurirkana:</b></p> <ol style="list-style-type: none"> <li>1. <b>Miti i mweru itaragwa yakinya mieri 6 gwita mbere.</b></li> <li>2. <b>Ikundi injeru itaragirwa miti imieru aki ya mwaka jumwe.</b></li> <li>3. <b>Tiga gutara miti imikuru ja miti ya TIST.</b></li> <li>4. <b>Tiga gutara miti iria yatemi yamera ringi ja miti ya TIST.</b></li> <li>5. <b>Tiga gutara ithaka ja miti ya TIST.</b></li> <li>6. <b>Tiga gutara ndwego ja miti ya TIST.</b></li> <li>7. <b>Tigiira niukuthingatiira watho wa utiganu bwa miti bwa 2m</b></li> </ol> <p>Clasta servant nobwega bakabanga mbere mantu ja utari wa miti muno riria bari micemanio ya clasta nikenda arimi bethira bari tayari na riria bakeja gutegerwa miti yao.</p> <p>Ja mumemba wa gakundi, <b>tigoira mumemba wonthe aguterua miti yawe.</b>Kethira kuri na muunda jutibwirite kwithirwa juri ndeenebya muradi,nibwega jwitwe na atongerira ba TIST KE bamenyithue na ntumiiri iji ikinyire amemba ndeene ya clasta.</p>
<p><b>Utegi ngugi ndeene ya TIST</b></p>	<p>Ategi ngugi ba TIST</p>	<p>Ategi ngugi ba TIST jabo auditors bagatega utari wa miti na nkinya data yayo o kiri muunda</p>	<p>Ategi ngugi (auditors) nibathuura ikundi na miunda iria bagiita gutega iria itari ni clasta servant. Nibatega mantu ta jaja;</p> <ol style="list-style-type: none"> <li>1. Kethira mbica ya muunda ya keeri ni igwitania bweega na mbica ya mbere iria yajukitue.</li> <li>2. Kethira miti iria itari ni igwitania bweega na iria iri ndeene ya muunda</li> <li>3. Kethira watho wa utiganu wa miti wa mita 2 ni uthingatiritue</li> <li>4. Kethira mutari miti niakumemya maritwa ja moti bweega.</li> <li>5. Kethira miaka ya miti ni iejenwe bwega.</li> <li>6. Kethira waarie bwa miti na ki miaka ni igwitania bweega (na kethira ni iriti yonthe na nayaunganitue bweega iminene na iminini.</li> <li>7. Kethira miunda yonthe ni itariri miti.</li> <li>8. Kethira mantu jangi jaritanagwa ndeene ya TIST nkinya uria clasta servant aitaga ngugi na kethira niatiaga ngugi yawe.</li> </ol> <p>Kagita ka gutega ngugi,auditor akamenyithia clasta servant mpumi cia ngugi yawe. Aja ni kumenya marks ciawe na nkinya ikinya riria ajukia kuringana na ngugi iria atega.</p> <p>Kethira clasta servant agwata marks....          +-%5 - Iji ni ngugi injega muno.Mutari miti nonka apongezagwa na no agwate bonasi kethira akoomba gwita mbere na ngugi iji njega kiri miunda ingi.          +-10%-Aja mutari miti nika ejagwa warning na auditor no amwiire acokere ngugibyawe</p> <p>Nkuruki ya +10%-Mutari miti nika arungamagua ngugi yawe (muno gwa kagita ka mieri 2) na auditor agaikia mutari uju kiri atongerira GOCC na atongerira ba council. Mutari miti abwiri anenkere audit macini cia ngugi na arungame gwita ngugi o yonthe ya TIST ja gutara miti na nkinya kuthomithia kiri micemanio na jangi.</p> <p>Clasta servant no engatwe kuuma kiri ngugibya TIST ni nkinya kuuna mawatho ja TIST values na nkinya kwag kwoneka kagita ka audit atina gitumi gi kiegea.</p>
<p><b>Validation</b></p>	<p>Auditor kuuma kaja ga TIST</p>	<p>Uju ni auditor wirungamitie nikenda atega muradi na miunda ati ni ikuthingatiira mawatho jaria jeeki ni Verra na CDM</p>	<p>Validation na verification ni cia gitumi muno gutegera ngugi injega ya muradi na miradi iria yandikithitue kiri Verra na mibangorebya ngugi. Mubango uju uthithagua ni Validatio /Verification (VVBs)- baria nibo ba namba 3 baria betikiriitua gutega ngugi ni Verra. VVBs ni ni ategi ba kirathi ki iguru mono.</p> <p>Kagitene ka Validation,VVB nibo nibo bategagiira kethira muradi ni jukinyanitie mantu jaria jakwrndeka ni Verra.</p> <p>Validators nibo bategaga mantu jegie baseline kiri o muunda. Bategagiira muunda ni jwau,kethira kwi ngugi yatiganirwe nayo nikenda miti iandwa,ugitangi wa miti ndeene ya miaka 10,mpongeeri ya miti, na jangi.</p> <p>Batigaga boona kethira ntumiiri iria tuejanite yegie muunda ni ma na kethiira nikuthingatiira mawatho ja Verra na mubango jwa ngugi.</p> <p>Validation na verification ni cia gitumi muno gutegera ngugi injega ya muradi na miradi iria yandikithitue kiri Verra na mibangorebya ngugi.Mubango uju uthithagua ni Validatio /Verification(VVBs)- baria nibo ba namba 3 baria betikiriitua gutega ngugi ni Verra.VVBs ni ni ategi ba kirathi ki iguru mono.</p> <p>Kagitene ka Validation,VVB nibo nibo bategagiira kethira muradi ni jukinyanitie mantu jaria jakwrndeka ni Verra.</p> <p>Validators nibo bategaga mantu jegie baseline kiri o muunda.Bategagiira muunda ni jwau,kethira kwi ngugi yatiganirwe nayo nikenda miti iandwa,ugitangi wa miti ndeene ya miaka 10,mpongeeri ya miti, na jangi</p> <p>Batigaga boona kethira ntumiiri iria tuejanite yegie muunda ni ma na kethiira nikuthingatiira mawatho ja Verra na mubango jwa ngugi.</p>



<p><b>Verification</b></p>	<p>Audito kuuma oome</p>	<p>Magita ja maingi,baba noja validator no kagitene gaka bagitegagiira kethera mathabu ja kaboni ni jo jongwa jaria TIST itarite kiriiti.</p> <p>Verification niyo itumaga twona <b>kaboni tani cia gwita thoko.</b></p>	<p>Verification itegagakethirautari bwetu bwa miti ni umma na bakithi gatagiira mawatho jaria jeeki ni Verra na CDM.</p> <p>Verifier bategagiira:-</p> <ol style="list-style-type: none"> <li>1. Namba ya miti iria tutarite na waarie bwa miti ni bwa mma.</li> <li>2. Kethira nitutarite miti aki ndeene ya mbica iria ya jukitue kagita ga kuthithia baseline</li> <li>3. Kethira miti yonthe iri ndeene ya mbica ya muunda.</li> <li>4. Kethira guti miti imikuru igutarwa ja ya TIST.</li> <li>5. Kethira ga kwi miti igutemwa tiga aki riria arimi bakuthingatiira watho utia uri ndeene ya GHG na nibakuthingatiira mantu jaria jendekaga kiri gikundi.</li> <li>6. Kethira kuri na kaboni ikuura niuntu bwa gutiga miunda imwe kana miti kuuma.</li> <li>7. Kethira miti iji igakara muundene gwa kagita ka miaka 30 na nkuruki.</li> <li>8. Kethira kuri na kiwango gia kaboni ya TIST gikuura kana gikanya na gwikia muradi kiri atari.</li> <li>9. Na mantu jangi jaria watho wa Verra na CDM ukenda bategeera.</li> </ol> <p>Vrifiers nibategagiira kethira muradi juri na baita kiri aturi,ugaruruku bwa riera na nkinyabjaria jatuthiurunkirite.(CCB)</p> <p>Kuanda miti ya kinduire,Gwika njuki nikuthondeka mantu jaja.Kuanda miti ya matunda,urimi bubwega CF na mariko jakumenyeera nku ni njira ya gukiiria miturire ya antu.</p> <p>Kuanda miti imingi na ya mithemba imingi ni itethagiira kuthondeka riera.</p>
<p><b>Cerification</b></p>	<p>Verra</p>	<p>Verra nibo bategagiira ngugi cia biashara ya kaboni kiri thoko cia kwiritaniria.TIST itumagiira mawatho jakuma kiri Verra. Mubango jwa certification niyu juretaga <b>verified carbon units (VCU)</b></p>	<p>Verifiers barikia ngugi yao ya kuthithia Verification na Validation baikagia ripoti ciao kiri Verra.</p> <p>Verra niyo inenkanagira certificate ya gwikiria muradi juikia kaboni tani thokone.</p> <p>Muradi jakagua kagita ka validation na verification,verra itiumba kubanenkeru certificate na kwogu batiumba gwita kiri thoko ya kaboni.</p>
<p><b>Ngugi ya Gutangaza biashara na wendia</b></p>	<p>CAAC</p>	<p>CAAC niyo ithithagia gutangaza thoko ya tani iria ikurukite mubango juthe nijio <b>Verified Carbon Units (VCU)</b></p>	<p>CAAC niyo ithithagia utangazi wa thoko ya kaboni cia TIST.Riria turi na mpumi jia kiwango ki iguru,nikwithagirwa kuri na uuthu kiri CAAC kwendia tani cia kaboni cia TIST.</p> <p>Nabungi,riria turi na ngugi ingi ja urimi bubwega nibu CF,mariko jakumeyeera nku,maugu ja njuki,miti ya matunda,makandamia,miti ya iria ria ndithia na jangi amwe na kwithira turi na ayuthi na ekuru kiri utongeeria wa TIST, jakithithikaga kiri arimi ba TIST, thogora wa tani cia kaboni cia TIST nika yongerekaga.</p> <p>Riria twarita ngugi inthuku,turi na data itibui na jia marongo, aguri nika batigaga gutwitikia. Bakinambiria gwita gucuu kaboni kungi. Nikatukaaga thoko kwogu tukinatigana na mantu ja biashara. Nitutige mantu jaja!</p> <p>Niuntu bwa gitumi giki muntu o wonthe ugwitania ngugi na Tist nonkinya athingatiire <b>TIST values,Turi antu betikua,Turi ba uuma bungwa,Turi ba utheri,Turi bakukwihokeka na ngugi cietu,turi ba gutungatanira,Tutumagira matumiri ja makai kugwata mpumi i nene.</b></p>
<p><b>Kugaa baita</b></p>	<p>CAAC</p>		<p>Riria kaboni yendua ndeene ya mwaka wa kimbece wa TIST (mwaka jwa CAAC jwa ki mbece jwambagiira Oct 1 gwita Sept 30th),CAAC ni itaraga baita na njira iji.</p> <p>Kionereria.</p> <p>Tani cionthe cia kaboni XXX Ruta ngarama cia ngugi XX Ruta ugoti =Baita XXX</p> <p>Ngarama cia ngugi ni mantu ja marihi ma alubanji ma ikundi,ngarama ciabutari miti,ngarami cia kuthomithia,validation na verification,ngarama cia thoko,semina,micaara na jangi</p> <p>Twona baita ikundi igwataga 70% ya baita nayo TIST ikagwata 30%.</p> <p><b>Nibwega umenye: TIST itiitagia murimi marihi ja muthemba no uriku: ja mbece cia kwi andikithia,kufhomithua,gutarirua miti,fomu cia GHG,Mazingira bora cionthe irungamagiirwa ni CAAC Ngarama iji cionthe ni itari kiri mathabu ja baita. Utikarihe gitu no kiriku kiri muntu o wonthe.</b></p>
<p><b>Marihi kiri ikunfi inini</b></p>	<p>Clasta servant</p>		<p>Baita yarikua gutariwa,Gakundi karia gakinyaniritie mantu jaria jendekaga gakagwata vocha ya marihi.</p> <p>Menya bubu:Mantu jaria jakwendeke bukigwata mbece cia baita</p> <ol style="list-style-type: none"> <li>1. Gakundi gaku nonkinya kethire gatariri miti ndeene ya mwaka wa TIST wa ki mbece (Oct 1-Sept30th).</li> <li>2. Gakundi gaku nonkinya kethire kena mantu jonthe jegie baseline.</li> <li>3. Gakundi gaku nonkinya kethira kojuriritie fomu ya GHG na ya tumwa kiri mutandao jwa TIST.</li> <li>4. Gakundi gaku gatikethirwe gatete kaboni niuntu bwa gutema miti kana gitumi o kiothe.</li> <li>5. Gakundi gaku nigakuthingatiira mawatho ja TIST Values.</li> </ol>



		<p><b>Mucemanio jwa marihi:mucemanio jwa mbere jwa marihi</b>  Vocha jiarikia kuritua,clasta servant akaireta ndeene ya mucemanio jwa mbere jwa clasta.Gakundi nonkinya karete antu bairi no bairi kiri kujukia vocha.</p> <p>Mucemanio jwathira,mumemba wa gakundi uria ari na vocha eete amemba bangi ba gakundi.Bategeere vocha bweega na betikaniiria ni injega bekira caini bonthe. Kethira batetikaniiria na vocha iji bacokie kiri clasta servant mucemanio jou jungi nawe amenyithie atongeria ba council.</p> <p>Kagita ka mucemanio amemba bakathuura nuu ugekiwa mbeca kethira itithirua ikurukite ksh30,000.Muntu uju nonkinya ethire arimumemba wa gikundi na ethire miti itari.Murokua,antu ba mucii kana arata baria bati amemba ba gikundi batitikiiritue kujukia mbeca cia gikundi.</p> <p>O au,ikundi iria iri na mbeca nkuruki ya ksh 30,000 bakathuura antu bathatu barugure akaunti bengi.O ja mbeca cia mpesa,baria boonka bari amemba ba ikundi nibo bari na kaanya ga kurugura akaunti ya gwikiwa mbeca.Arokua,antu ba mucii,acoore baria bati amemba ba gikundi batibataritue gutuika signatory.</p> <p>Menya:Ririkana muntu uria bwathuura atikethire ati na fuliza kana loan rungi ruumba kugitwa mbeca cia gikundi.</p> <p>Nkuruki,nibwega buteege balance ya mpesa nikenda bumenya mbeca cia kinya.</p> <p><b>Mucemanio jwa marihi:mucemanio jwa kaiti jwa marihi</b>  Mucemanio juju ni jwa mweri umwe mwituku kuuma vocha cianenkanirwa.Gikunfi nonkinya kiije na vocha i caini bweega ni amemba boonthe ba gikundi.</p> <p>Ririkana,kwa unini buru,nkuruki ya gicunci kia ijiri kiri bathatu 2/3 nonkinya bethire bari kiri mucemanio juju.</p> <p>Clasta servant ageta maritwa ja ikundi kiri mucemanio juju iria iri na voucha.Clasta servant agatega vocha cia ikundi kethira:</p> <ol style="list-style-type: none"> <li>1. Vocha yaku ni yo yongwa-iria yanenkaniri mweri mwituku.Ikunfi imwe iretaga vocha cia tene muno iria cia kancirwe.Bubu ti bweega.</li> <li>2. Amemba boonthe ba gikundi ni bacinite vocha bweega.</li> <li>3. Muntu uria agekiirua mbeca kana arugurite bengi nonkinya ethire ari mumemba na miti yawe ithirwe itarii.</li> <li>4. Clasta servant akajukia rekodi na maritua ma amemba baria bagekiirwa mbeca na atume kiri timu iria ikuriha.Nibweega utege namba ya thimu.Muntu uria agekiirwa mbeca thimune nonkinya aejane maritwa jathatu ja uria jakari kiri kibande (ID)</li> <li>5. Ikundi iria iri na mbeca itigukuruka ksh30000,bakagwata mbeca kuumabkiri CAAC</li> <li>6. Ikundi iria iri na mbeca nkuruki ya ksh 30000 bakagwata cheque</li> <li>7. Riria mbeca ikagwatika,muntu uria wekiirua kana baria bagaita kuuma kiri bengi nonkinya bamenyithie bangi nikenda bagaana.</li> <li>8. Ririkana,clasta servant nonkinya aige bweega gacunci ka bwanthi ka vocha karia amemba bacainite.Amemba babo beeke gacunci ka bwa iguru ja rekodi yao.</li> <li>9. Gikundi kiria gitikareta vocha kiri mucemanio jwa kairi jwa marihi bakagwta kaanya kangi ka mwisho kiri mucemanio jou jungi jwa clata.kuuma au vocha iji nika igakancua na bakariwa aki riria vocha ciingi ikaritua.</li> <li>10. Ni untu bwa bata muno gikundi gwitaga kiri micemanio ya clasta o mweri.<b>Booneria gitumi magita jonthe!</b></li> </ol>
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## Mantu jaria gakundi ga TIST kabwiiri gukunyithia

<p><b>TIST Values</b></p> <ul style="list-style-type: none"> <li>❖ Turi antu etikua</li> <li>❖ Turi antu ba uuma bungwa</li> <li>❖ Turi antu ba utheri</li> <li>❖ Turi antu ba kuthingatiira jaria twauga na kuthithia</li> <li>❖ Turi ba gutungatanira</li> <li>❖ Nitwonaga mpumi i nene na matumiri ja makai</li> </ul>	<ol style="list-style-type: none"> <li>1. Gakundi kabataritue kethire kari na amemba 6-12,kuuma kiri micii ithatu mwanya mwanya.</li> <li>2. Gakundi nonkinya kethire kari tayari kuthingatiira TIST values.</li> <li>3. Amemba ba gakundi nonkinya bacemanie o rimwe kiumia bakithingatiira mantu jari meega ja TIST mathuganio na nkinya kiri kugaa ngugi.Amemba ba gikundi nonkinya bethire bari kiri ithomo cia TIST na batethanie kuthithia njira injega na bagaane na ikundi ingi.</li> <li>4. Amemba boonthe ba gikundi nonkinya bacaine fomu ya GHG na bamenyithia atongeria ba TIST riria amemba bauma kiri miunda kana bauma kiri gakundi,tiria mumemba u mweru atonya kiti gakundi na riria muunda ju mweru jwa andwa miti.</li> <li>5. Amemba ba gakundi nonkinya boonanie nibo eene miunda na boonanie kuria miti ikaandwa kana kuria baandite miti ya TIST.</li> <li>6. O gakundi nonkinya kaande miti 500 o kiri mwaka gwa kagita ka miaka 3.</li> <li>7. Ikundi cia TIST nonkinya ciibange na gi clasta.Clasta ithithagua ni ikundi 30-50 aria boomba gwita na maguru.Clasta nonkinya yonania ndeene ya miaka 2 beena miunda ya kuanda miti 400,000(iji ni 160 hectare)</li> <li>8. Gakundi ga TIST kuumba kwithirwa kari kiri biashara ya kaboni,gakundi nonkinya geke miti iri moyo gwa kagita ka miaka 60 kana nkuruki tiga riria tukuthithia njira injega ya urimi miti.Njira injega ni nyuma ya miaka 10 kuuma ya andwa,Gakundi no gakethe gicunci gia 5% ya miti o mwaka kiri o kiti muunda.</li> <li>9. Clean Air Action Corporation(CAAC) igatara miti ya TIST,ithime kiwango kia kaboni ndeene ya miti na irihe ikundi \$0.02 o muti uri muoyo o kiri mwaka kiri miaka yonthe ndeene ya kirikaniro.CAAC ikagarura kaboni ituike kaboni yuumba kwendua na irihe ikundi 70% ya baita kuumania na wendia wa kaboni iji.</li> <li>10. Ikundi cia TIST nonkinya iande ringi miti iria yauma niuntu bwa gitumi o kionthe o kiri mwaka gwa kagita ka miaka 5.</li> <li>11. Miti iria ithithagua ja ndwego (itigukuura nkuruki ya 2m) ititarua ja miti ya TIST.</li> <li>12. CAAC igatara miti aki iria ianditwe na utiganu wa 2m.Miti iria ikuhaniritie nthiguru ya 2m ibataritue itumirwe ja nku kana iria ria nyomoo.</li> <li>13. Guti miti iria ithukagia riera igatarwa ja miti ya TIST, miti ja mibau.</li> </ol>
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# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter October 2023

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

www.tist.org

**Kikuyu Version**

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



**Mutari kuma Epic Sustainability Inc kuma India akiariria arimi a clasta ya TIST ya Kirua hingo ya mucemano wao mweri kanana 2023.**

**Mutari kuma Epic Sustainability Ince kuma india akiariria arimi a TIST mweri wa kanana 2023.**



**Mutari akiaria na murimi wa TIST**

- Inside:**
- ✓ TIST: Kumenya uria ungiingira TIST, Guthondeka Carbon Tonnes na kugia na fainda. Page 2
  - ✓ Ngurubu nini cia TIST kugia na mendekithia. Page 6



## TIST: Kumenya uria ungiingira TIST, Guthondeka Carbon Tonnes na kugia na fainda.

Arimi aingi a TIST, na makiria aria maraingira TIST umuthi, nimoritie uria mangimenya wega maundu ma TIST. Marenda kumenya uria mangiingira TIST and uria mangigia na fainda.

Ngathiti ino iri na macokio. Ni tukuaria maundu macio nginyagia ria murimi mweru akaingira TIST na maundu maria mabatarikanite gwika gwa TIST. Ni wega kumenya ati kuingira TIST ni gwa kwirutira. Utanaingira TIST, murimi ni arorio athome makiria uria TIST irutaga wira niguo agie na matua mega. TIST irutithanagia wira na arimi. Arimi marutaga wira na kio migunda-ini yao na kumenyerera maundu maria mekaga niguo magie na maciaro.

Mubango (Atia)	Nuu uguguteithia	Atia	Atia
<b>Murimi urenda kuingira TIST</b>	Aruti wira a clasta kana mundu ungi urutaga wira na TIST (muruti wira wa TIST)	<p>Murimi uria urenda kuingira TIST amenyithie muruti wira wa TIST</p> <p>Murimi arabatarania guthondeka gikundi kia andu 6-12 kuma kuri aria marigainie. (Thoma domument ya Group Eligibility Requirement)</p> <p>Aruti wira a TIST ni aguguthomithia TIST ni ki na uria ngurubu nini cithondekagwo</p>	Ngurubu nini yaku arabatarania kugiaga na micemanio oro kiumia (ngurubu-ini nini) na gucemanagia mucemano wa clasta oro mweri.
<b>Kugia na mathomo kuri ngurubu nini</b>	Aruti wira a clasta kana mundu ngi wothe urutaga wira na TIST (muruti wira wa TIST)	Ngurubu yaku nini igutongorio thutha ya kwiandikithia na guthomithio wira wa ngurubu nini (micemanio-ini ya oro kiumia, guthiururukana kwa atongoria, gwakana, mibango, guthondeka tuta na kumimyenyerera)	<p>Mumemba oro wothe wa ngurubu nini yanyu akoragwo agithii micemanio ya clasta ya oro mweri. Ngurubu nini yanyu ni iriheagwo form cia kwiandikithia.</p> <p><b>Maundu maria oro mundu wa ngurubu nini yanyu abatie guthoma na amenye wega hindi ya guikia riandikithia.</b></p> <ol style="list-style-type: none"> <li>1. Mumemba oro wothe abatie guthoma na kumenya mithemba ya miti na bata wayo. (Ni uguthomithio mithemba ya miti iria itahitukitio niundu wa carbon.</li> <li>2. Mumemba oro wothe abatie guthoma na kumenya uria angithondeka tuta cia miti.</li> <li>3. Mumemba oro wothe wa ngurubu nini abatie guthiaga micemanio ya oro kiumia agitumira TIST Best Practices.</li> <li>4. Ngurubu yanyu nini mabatie kwambiriria muthiururukano wa utongoria na gwakana.</li> <li>5. Mumemba oro wothe abatie guthoma na kumenya urimi wa Conservation Farming.</li> <li>6. Mumemba oro wothe abatie guthoma na kumenya GhG Contract.</li> <li>7. Mumemba oro wothe abatie guthoma na amenye Small Group Eligibility Requirements.</li> </ol> <p><b>Mutongoria wanyu wa clasta ahuthagira pendragon form kwandikithia ngurubu yanyu ihana ta Applicant Group.</b></p>
<b>Mathoma ma clasta na micemanio</b>	Aruti wira a TIST hamwe na amemba ngurubu nini	Amemba a ngurubu nini yaku matuika a guthomithio oro mweri riria mathii micemanio ya clasta.	<p>Mucemanio-ini wa clasta, muruti wira wa clasta na mutongoria wa clasta mabatie kuruta wira hamwe na kuheanda githomo gia TIST kia gikiro kia iguru mundo, kumera ndeto cia TIST iria njeru muno, gucokia ciuria ciao, kuiguanira tha. Oro ho mabatie kwaria na utongoria wa TIST ka undu uria mumemba wa clasta angikorwo naguo.</p> <p>Aruti wira a clasta na atongoria a clasta no mahuthire materia cia guthomithania iria ciheanagwo ni website ya thimu ya TIST, TIST Learning Centre, materia ira cia gucabwo, TIST Chatbox, ngathiti ya Mazingira Bora, maundu maria mandikagwo hindi ya semina.</p> <p>Muruti wira wa clasta abatie kuhuthira form cia pendragon kuhe micemano ya clasta na reboti cia mathabu na arore wega kana reboti ici ciri Database ya TIST.</p> <p>Hamwe na ugwo, aruti wira a clasta mabatie gukorwo na maundu ma ica ikuhi kuma website ya thimi ya TIST, thiku ya mucemanio wa clasta, thiku ya githurano na uhoro wa atongoria a clasta.</p> <p>Atongoria a Clasta mabatie guthiururukana thutha wa mieri ina. Mutongoria wa clasta akehera, uria maratongoragia nake agatwika mutongoria na mutongoria wa kwihokeka agathurwo. Angikorwo muteitha wa mutongoria ni muthuri, mutongoria wa kwihokeka abatie gukorwo ari mutumia na mwena ucio ungi.</p> <p>Muruti wira wa clasta na mutongoria abatie kwamukira amemba eru mucemanio-ini wa clasta.</p> <p>Muruti wira wa clasta abatie oro mweri kubanga na amemba a ngurubu nini aria miti yao igatarwo maihurie mucemano ucio ungi wa clasta.</p>



<p><b>Mwariro wa ngurubu nini</b></p>	<p>Aruti wira wa clasta</p>	<p>Amemba a ngurubu yaku nini mamenya kuria mangihanda miti kumanagia riu guthii na mbere</p> <p>Amemba a ngurubu yaku nini makoragwo mari kuo riria muruti wira wa clasta amacerera (kuria ciuria ciigie mugunda ni wau, rugano rwigie mugunda etc)</p> <p>Mitaratara ino ni miega niguo grove yaku ingire <b>PDD</b> (Project Design Document). Riri nirio ikinya ria mbere ria kuingira biacara-ini ya carbon credit</p>	<p>Muruti wira wa clasta abatie kumenyithia ngurubu nini uria maikarite oro mucemanio-ini wa clasta - Ugai wa baida, namba ya groves na miti iria itaritwo etc.</p> <p>Baseline ni gucokia ciuria cia grove kana haria murimi athurite kuhanda miti.</p> <ul style="list-style-type: none"> <li>- Mwene (onania Title Deed, marua ma mihaka, rutha rwa mwene mugunda, ni waku kana ni wagukombora) (angikorwo mugunda nduri mwene, grove ndingihituka).</li> <li>- Mutitu. Kana haria uthurite ni mutitu (angikorwo niguo, hau uthurite hatingihituka).</li> <li>- Gutheria githaka. (miaka ikumi mihituku). Angikorwo niguo, haria uthurite hatingihituka.</li> <li>- Guthamia. Angikorwo urarugamia gwika maundu maria mangi mugunda-ini niguo uhande miti, haria uthurite hatingihituka.</li> <li>- Topography.</li> <li>- Miti ya kwimeria nditaragwo tondu ti miti ya TIST.</li> <li>- Tracks - track ya thi 1 na track 2.</li> </ul> <p><b>Mututi wira waku wa clasta ndangioya track riria aiganira ati haria uthurite kuhanda miti ni hakinyaniirie ikiro.</b></p> <p>Muruti wira wa clasta oro ho akoya uria GPS irathoma gatagati-ini ka haria uthurite kuhanda miti.</p> <p>Angikorwo haria uthurite hatinahituka, muruti wira wa clasta abatie gukwira itumi.</p>												
<p><b>Kwandikithia ngurubu nini</b></p>	<p>Aruti wira wa clasta</p>	<p>Nguru yaku nini kwandikithio ni TIST thutha wa amemba othe kuhituka wiyandikithia-ini na othe kwirutira kuingira TIST</p>	<p>Thutha wa kuhituka, heana form kuri amemba a ngurubu nyaku, no;</p> <ol style="list-style-type: none"> <li>a) Thoma ringi, unyite wega, ikira sign fomu-ini ya Greenhouse Gas (GhG).</li> <li>b) Form ya Ngurubu nini ya clasta Igekirwo website-ini ya TIST.</li> <li>c) Ngurubu nini ikamaiga wega, form ya contract ya GhG.</li> <li>d) Muruti wira wa clasta agacoka akandikithia ngurubu form-ini ya Pendragon.</li> </ol>												
<p><b>Kuhanda miti na TIST</b></p>	<p>Murimi</p>	<p>Murimi kuhanda miti akirumirira TIST Best Practices</p>	<ul style="list-style-type: none"> <li>- Niguo miti yaku ikure wega, hand miti riria kuri na mbura.</li> <li>- Wiririkanie na uririkania amemba aria angi at makihanda miti matigithukanie miti na 2m ka 3-4m hari miti ya matunda.</li> <li>- Ni uramenyithio uhande miti ya mithema maingi - utukanie ya kiunduire, ya kiiriu, matunda, nyeki na miti ya macadamia.</li> <li>- Rimagira miti yaku na umihe mai hindi ya riu.</li> <li>- Ririkania arimi aria angi mahande miti iria ingikinyia mia 30 na makiria.</li> <li>- Ririkana, miti itaragwo riria yahandwo haria uthurite na ikorwo na makiria ma <b>mieri 6 na guthii na mbere.</b></li> <li>- Miti iria ithukagia maria maturigiciirie ka igathukia tiri ndiendekanaga.</li> <li>- Miti nditikiritio kuhandwo matomboya-ini - TIST nditaraga miti iria ihanditwo matomboya-ini.</li> </ul>												
<p><b>Utari wa miti</b></p>	<p>Muruti wira wa clasta</p>	<p>Muruti wira waku wa clasta abatie gucerera ngubu yanyu mwaka rita rimwe (gatagati ka Oct 1- Sept 30<sup>th</sup>)</p> <p>Miti iria ihitukitio ni TIST no yo itaragwo</p> <p>Gutarwo kwa miti iigagwo na Tonnes (<b>Sequestered Tonnes</b>)</p>	<p>Hindi iria miti iratarwo, muruti wira wa clasta abatie ...</p> <ul style="list-style-type: none"> <li>- Indo iria marahuthira ciri na mwaki na ni ciraruta wira wega.</li> <li>- Mari na ibuku, karambu, ta tape.</li> </ul> <p>Riria maingira kuria ucagurite kuhanda miti, mabatie...</p> <ul style="list-style-type: none"> <li>- Kuoya track ya secondar.</li> <li>- Gutara miti kuringana na ukuru ma mithemba.</li> <li>- Kuoya warie wa ukuru. (Iria itari ya minyua mai)</li> <li>- Hura mbica njega.</li> </ul> <p>Giki nikio gitongoragia muruti wira wa clasta riria aratara miti na warie ibuku-ini.</p> <p>Kionereria.</p> <p>Kinoti Grove, Kibeca Group 2004KE124</p> <p><b>Ukuru wa miti 5.</b></p> <table border="1" data-bbox="651 1720 1455 1832"> <thead> <tr> <th>Mithemba</th> <th>Miti iria yatarirwo</th> <th>Warie</th> </tr> </thead> <tbody> <tr> <td>Avocado</td> <td>23</td> <td>33,36,28,24, 30, 34</td> </tr> <tr> <td>Gravellier</td> <td>47</td> <td>41,41, 38, 34, 29, 37,28,36,18,26</td> </tr> <tr> <td>Mango</td> <td>18</td> <td>22, 24, 27, 18,</td> </tr> </tbody> </table> <p>Menya wega;</p> <ol style="list-style-type: none"> <li>1. Miti iria iri thi 20, oya muti umwe uthime warie.</li> <li>2. Hari miti 20 na guthii na mbere, oya warie wa miti 20. Thura utaguthukania (munene, muceke, kanini) na utukanie mithemba ya miti.</li> <li>3. Thima warie kuma uraihu wa 137cm kuma haria thi.</li> </ol> <p><b>Mandiko mangi.</b></p> <ol style="list-style-type: none"> <li>1. Miti mieri itaragwo riria iri na ukuru wa miaka 6 na guthii na mbere.</li> <li>2. Ngurubu njeru ibatie gukorwo na miti itari mikuru muno (ta ukuru wa mwaka 1) matariirwo.</li> <li>3. Ndugatare miti ya baseline ta miti ya TIST.</li> <li>4. Ndugatare miti ya kwimeria ta miti ya TIST.</li> </ol>	Mithemba	Miti iria yatarirwo	Warie	Avocado	23	33,36,28,24, 30, 34	Gravellier	47	41,41, 38, 34, 29, 37,28,36,18,26	Mango	18	22, 24, 27, 18,
Mithemba	Miti iria yatarirwo	Warie													
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Mango	18	22, 24, 27, 18,													



			<p>5. Ndugatare miti ya githaka ta miti ya TIST. 6. Ndugatare ngiri ta miti ta miti ya TIST. 7. Itikira gutigithukania miti yaku na 2m.</p> <p>Aruti wira a clasta ni maroririo makabangaga mbere wira wa gutara miti na kungihotekeka micemanio-ini ya clasta niguu arimi magakorwo makimenya na magakorwo mari ho riria gwokokwo gutarwo.</p> <p>Uri ta mumemba wa ngurubu nini, <b>reke amemba othe a ngurubu nini magakorwo ho riria miti yoka gutarwo.</b> Riria haria uthurite ha kuhanda miti hatiganirio, ira utokoria wa TIST KE Council na wanirire mucemanio-ini uria urumiriire.</p> <p>Aruti wira a clasta mabatie kugayana maumirira ma utari wa ngurubu nini kuri amemba a ngurubu yanyu.</p>
Atari a guku	Atari mathabu a TIST	Atari a mathabu a TIST marore uigi wa data yaku ya Groves	<p>Atari a mathabu mathuraga ngurubu na migunda githukia iria itaritwo na aruti wira a clasta. Maroraga hamwe na mamwe;</p> <ol style="list-style-type: none"> <li>1. Kana secondary track ni ciraringana na primary tracks.</li> <li>2. Uma wa utari wa miti haria uthurite.</li> <li>3. Kana ni uigite warie wa 2m.</li> <li>4. Kana ni uhete miti maritwa wega.</li> <li>5. Kana miti ni ya ukuru mwega.</li> <li>6. Uma wa warie wa miti kuringana na ukuru (na kana iri ho yothe).</li> <li>7. Kana kuria uthurite ni gutare.</li> <li>8. Undu ungi oro wothe wigie wira wa TIST na kana mitugo ya muruti wira wa clasta ni mwega.</li> </ol> <p>Riria mathabu merekwo, atari makagayana maumirira na aruti wira a clasta. Maya nimo maumirira na makinya maria moetwo.</p> <p>Angikorwo ni gutare maumirira ..... +-%5 - Ino ni hituku. Mutari agacokia ngatho na akaheana bonas kungihanana na kuria kungi. +-%10 - Mutari akaheana watho na atari no mamwire uria agwika kana ikinya riria angioya. Eg. Gutara ringi.</p> <p>Iguru wa +-%10 - Mutari akabutwo (handu-ini ha mieri iri) na mwiki wa mathabu agagutuma kuri GOCC Leadership na kuri Leaderhip Council. Mutari agacokia indo ciothe cia TIST kuri mutari wa mathabu na agatiga kuruta wira oro wothe wa gutara miti, guthomithia etc.</p> <p>Muruti wira wa clasta no abutwo ni undu wa kuregana ma mikire ya TIST kana kwaga kuonania mathabu make hatari na gitumi kiiganu.</p>
Mithemba	Atari mathabu kuma na nja	Aya ni atari a mathabu merugamitie na nio maroraga kana program na groves ni cirakinyaniria mawatho maria mekiritwo ni Verra na CDM	<p>Gutara na gutukania ni undu wa bata na ugima muno niundu wa wandikithia wa programs cia Verra's na mitaratara. Maundu maya mekagwo ni Validation/Verification bodies (VVBs) - mahitukitio, atari a mathabu a kwirugamirira na makahitukio ni Verra. WBs ni ahotani. Hindi ya <b>Utari</b>, WB ni maugaga kana project ni irarumirira mawatho na mitaratara ya programs cia Verra.</p> <p>Atari maroraga maundu megie haria wamurite. Makoragwo makienda kumeka mwene haria hamure, ni kii kieheretio, kuri na mutitu, ni guteme miti handu-ini ha mia 10, ni kii kiongerereku, na maundu mangi maingi maria mabatie kurora.</p>
Gwikira mukonde	Atari mathabu ku na nja	Aya, nio mataraga no hana ni kurora uma wa utari wa carbon sequestered na program ya TIST  Utari uringithanagio na <b>Verified Tonnes</b>	<p>Ni maroraga ka uhoro uria uheanite ni wama na kana ni urumiriire mawatho ma Verra.</p> <p>Verification checks whether our Quantification data is accurate and is following the rules set out by Verra and CDM</p> <p>Utari uroraga kana data ni njega na ni irarumira mawatho ma Verra na CDM.</p> <p>Atari makurora;</p> <ol style="list-style-type: none"> <li>1. Angikorwo miti warie na data ni ya ma.</li> <li>2. Angikorwo ni tuoyete data kuma kuri track iria yoetwo mahinda ma baseline.</li> <li>3. Angikorwo ni tutarite miti iria iri thiini wa track.</li> <li>4. Angikorwo gutiri miti ya baseline maninda ma gutara miti.</li> <li>5. Angikorwo kugetha kurahanika riria arimi mararumirita mitaratara ya TIST iria iri GhG Contract na Small Group Eligibility Requirement.</li> <li>6. Angikorwo ni kuri na kura kwa Carbon riria miti ingikorwo ni yumite na kurugirira igitarwo.</li> <li>7. Angikorwo miti itu ya TIST no iikare miaka 30 na makiria.</li> <li>8. Riria TIST Tonne ya nyiha na kura.</li> <li>9. Undu undu oro wothe Verra kana CDM ingiuria wikwo.</li> </ol> <p>Atari oro ho makarora kana hari na umithio wa project hari muingi, riera kana biodiversity (CCB).</p> <p>Kuhanda kwa miti ya kiunduire, kuiga njuki ni guteithagia biodiversity. Kuhanda miti ya matunda, kurima kwa conservation farming (CF) na jiko iria citahuthagira makara maingi iteithagirira muingi guthii na mbere. Kuhanda miti miingi ya mithemba na mithemba iteithagia riera.</p>





<p><b>Gukindira</b></p>	<p>VERRA</p>	<p>VERRA ni kiama kiroraga Carbon Projects na trading ikoragwo thoko ya kwirutira. TIST ihuthagira mawatho maria mathondeketwo ni VERRA</p> <p>Uhuri wa kirore wikagwo ni <b>Verified Carbon Units (VCU)</b></p>	<p>Atari thutha wa gutara na gwikira mukonde matwara riboti kuri Verra. Verra iheanaga certificate ya gutuma mendie carbon tonnes thoko-ini. Angikorwo project ya carbon ndinahituka hindi ya gutara na gwikira mukonde Verra ndingiheana certificate na uguo project ndingithii na mbere thoko-ini ya carbon.</p>
<p><b>Thoko na kwendia</b></p>	<p>CAAC</p>	<p>CAAC nayo niyo yendagia <b>Verified Carbon Units (VCU)</b></p>	<p>CAAC irutaga wira wa kwendia Tonnes cia TIST. Riria turi na maciaro mega, CAAC ni ihuthagirwo ni thoko ya TIST Tonnes.</p> <p>Hamwe na uguo, riria maundu mangi ta CF, thitofu, jikos, miatu ya njuki, matunda, mbegu, nyeki etc ciahuthika kuri rika riri inyinyi, atumia na atongoria a TIST, mari o ho arimi a TIST, thogora wa TIST Tonnes ikongerereka thoko-ini na uguo bei igathii iguru.</p> <p>Riria twaruta wira muru na tukagia na data njuru aguri matigaga kugia bata na TIST. Mambagiriria gweta tonnes kundu kungi. Tugate thoko na tukeherio thoko-ini ya carbon. Rekei tutige gwika uguo!</p> <p>Ni wega mundu wothe wigitanagia na TIST kurumirira <b>values cia TIST - Turi ehokeku; Turi a ma; Tutiri na ungumania; Ni twitikagira mehia maitu; Turutagira wira mundu wothe; Tuhuthagira badget nini na tukagia na umithio wa iguru.</b></p>
<p><b>Kugayana kwa faida</b></p>	<p>CAAC</p>		<p>Thutha wa kwendia Carbon Tonnes hari oro mwaka (CAAC Financia Year kuma Oct 1 to Sept 30<sup>th</sup>), CAAC igatara faida ya share ta uu.</p> <p>Muhiano. Carbon Tonnes yothe iria nyendia XXX Weherie mahithiro ma program XX Weherie Tax = Faida XXX</p> <p>Mahuthiro program ni ta kurihana mbere, gutarithia, guthomithia, gucokerithia, gwetha thoko, seminars, micara etc</p> <p>Thutha wa kugia na faida, ngurubu nini ciheagwo 70% ya faida na CAAC ikamukira 30%.</p> <p><b>Menya: TIST ndiuragia arimi marihi ma, wandikithia, guthomithio, gutarirwo, GhG, Mazingira Bora. Mahuthiro maya marihagwo ni CAAC. Twikiraga mahuthiro maya hingo ya faida. Ndukarite mundu oro wothe kindu!</b></p>
<p><b>Marihi kuri ngurubu nini</b></p>	<p>Aruti wira a clasta</p>		<p>Thutha wa faida kugaywo, oro ngurubu nini ngurubu nini cikamukira voucher.</p> <p><b>Menya: Gutarwo niguo kugairwo marihi ma faida.</b></p> <ol style="list-style-type: none"> <li>1. Ngurubu yaku nini ibatie gutarirwo ihinda-ini ria CAAC Financial year (Oct 1, - Sept 30<sup>th</sup>)</li> <li>2. Ngurubu nini yaku ibatie gukorwo na umenyo wa baseline.</li> <li>3. Ngurubu nini yaku ikorwo ikirite kirore kia GhG Contract na gukobia kuri website ya TIST.</li> <li>4. Ngurubu nini yaku nditete Tonnes magetha-ini kana gitumi kingi oro giothe.</li> <li>5. Ngurubu nini yaku irumirire values cia TIST.</li> </ol> <p><b>Micemanio hindi iria kurarihanwo: Marihi ma mbere.</b> Hindi iria vouchers ciaheanwo, muruti wira wa clasta akarehe mucemanio wa mbere wa clasta. Ngurubu nini igatuma inyihitie muno arugamiriri 2 guka kugira voucher.</p> <p>Thutha wa mucemanio, arugamiriri a ngurubu nini mari na voucher mageta mucemano wa ngurubu nini. Makaririria uhoro wa voucher kana ni njega. Mangiaga kuiganira, makamicokia hingo ya mucemanio nake muruti wira wa clasta akaria na atongoria a council.</p> <p>Hingo ya mucemanio wa ngurubu nini, amemba magathura namba iiria ikuhuthika na MPesa (angikorwo voucher yao iri thi ya KES 30,000) kwamukira mbeca handu-ini hao. Uria namba yake ya MPesa ikuhuthika abatie gukorwo ari mumemba wa ngurubu nini na miti yake ni mitare. Uria umurumiriire, andu a nyumba yake kana arata <b>aria matari</b> a memba a ngurubu <b>matiitikiritio</b> gukorwo namba yao ikihuthika.</p> <p>Turi oro hau, ngurubu nini iria iri na makiria ma KES 30,000 magathura andu atatu magathii makahingura account ya bengi mahana na signitories. Ota aria a MPesa, a memba aria ama a ngurubu nini noo metikiritio gukorwo mari ahuri irore. Aria mamarumiriire, andu aria metainwo, arata <b>aria matari</b> a memba a ngurubu <b>matiitikiritio</b> gukorwo mari ahuri a irore.</p> <p>Menya: Ririkania uria namba yake ya MPesa irahuthirwo ndari na <i>Fuliza</i> kana ngumbo iria inginyihia marihi. No riri, mabatie kurora matigari ma MPesa niundu wa rithiti ya marihi.</p>



		<p><b>Micemanio ya marihi: Mucemanio wa marihi wa keru.</b> Ino ni micemanio ya oro mweri thutha wa voucher kuheanwo. Ngurubu nini cirabatarania guka na indo cia vouchers cihuritwo irore ni a memba othe. Ririkana, kwa unyihu, a memba eri hari atatu a ngurubu nini mabatie gukorwo mari ho mucemanio-ini.</p> <p>Aruti wira a clasta mabatie gwita maritwa ma andu ngurubu nini iria mari na vouchers. Magetikaniria mendikithia ma ngurubu nini ta uu.</p> <ol style="list-style-type: none"> <li>1. Voucher yanyu ni yama - yaheanirwo mweri muthiru. Ngurubu ingi cirehaga vouchers iria huthiku. Uguo ti wega.</li> <li>2. A memba othe a ngurubu nini mari na voucher iri na sign njega.</li> <li>3. Uria uri na namba yanyu ya MPesa kana aria mahurite irore bengi ati ni a memba a ngurubu na miti yao ni itaritwo.</li> <li>4. Aruti wira a clasta ni mandikithitie ngurubu yanyu nini na shares cia tteam. Rorai namba cia thimu wega. Mwene namba ya thimi aheane maritwa make matatu ta uria mari kibandi-ini (ID) card.</li> <li>5. Ngurubu iria ciri na thi ya KES 30,000, makwamukira marihi mao MPesa-ini kuma kuri CAAC.</li> <li>6. Ngurubu iria ciri na makiria ma KES 30,000 maheagwo cheque.</li> <li>7. Riria marihi mamukirwo ni uria uri na namba ya MPesa kana aria mekirite irore bengi mabatie kumenyithia a memba a ngurubu yao niguu magayane.</li> <li>8. Ririkana, muruti wira wa clasta abatie kuiga mwena wa thi wa voucher uria mekirite irore. Ngurubu nini nacio cige mwena wa iguru niundu wa kuiga record.</li> <li>9. Ngurubu nini iria cigutira mucemanio wa marihi ma keru ni maheagwo ihinda ringi ria muico mucemanio-ini wa clasta. Thutha wa mucemanio voucher igateanirio na no marihirwo ringi mwaka ucio ungi.</li> <li>10. Ni kwagiriire ngurubu nini guthiaga micemanio ya clasta. <b>Momiririe hingo ciothe!</b></li> </ol>
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## Ngurubu nini cia TIST kugia na mendekithia.

<p><b>Values cia TIST:</b></p> <ul style="list-style-type: none"> <li>❖ Turi ehokeku</li> <li>❖ Turi a ma</li> <li>❖ Turi a waragania</li> <li>❖ Ni twiitkagira</li> <li>❖ Turutaga wira kuri andu othe</li> <li>❖ Tuthondekaga maumirira manene hari baget nini</li> </ul>	<ol style="list-style-type: none"> <li>1. Kubatie kugia na amemba 6 kinya 12 ngurubu-ini yanyu nini, kuma kuri micii itatu.</li> <li>2. Ngurubu nini oro yothe ikorwo iri na wendi wa kurumirira mitaratara ya TIST.</li> <li>3. Mumemba oro wothe wa ngurubu nini mabatie gucemanagia oro kiumia makihuthira maundu maria mega ma Ngurubu nini cia TIST na gukurania meciria na kubanga wira. Amemba a ngurubu nini mabatie gukorwo ho gugithomithanio niguu makuranie na kugayana maundu maria mega kuma kuri ngurubu iria ingi cia TIST.</li> <li>4. Amemba a ngurubu nini marendekana gusign Greenhouse Gas Contract na kumenyithia atongoria a TIST riria amemba a ngurubu nini matiganiria mugunda kana ngurubu nini, riria a memba eru maingira, na riria mugunda mweru whandwo miti.</li> <li>5. A memba a ngurubu nini mabatie kuonania uma ati mugunda ni wao kuria gukuhandwo kana kuhanditwo miti ya TIST.</li> <li>6. Ngurubu yothe nini ibatie kuhanda miti itanyihire 500 hari miaka 3 mihituku.</li> <li>7. Ngurubu nini ya TIST ibatie guthondeka clastas. Clasta ithondekagwo na ngurubu nini 30-50 iria citaraihaniriire. Clasta ibatie gukorwo na mugunda handu-ini ha miaka 2 kuma maingira TIST niguu mahande miti 400,000 (ta hectares 160)</li> <li>8. Niguu ngurubu nini ya TIST kuhitukio biacara-ini ya carbon, ngurubu nini ibatie kuiga miti igikuraga handu-ini ha miaka 60 kana makiria, tiga best practices for agroforestry. Best prctice ya riu ni ya miaka 10 thutha wa miti kuhandwo, ngurubu nini ibatie kugetha kinyagia 5% ya miti iria mihande oro mwaka hari oro mugunda.</li> <li>9. Clean Air Action Corporation (CAAC) niyo itaraga miti ya TIST, guthima carbon na kuriha ngurubu nini US\$0.02 hari oro muti, oro mwaka handu-ini hothe ha GhG contract. CAAC icenjagia carbon igatwika carbon credits na kuriga ngurubu nini 70% ya faida thutha ya kwendia carbon credits.</li> <li>10. Ngurubu nini ya TIST ibatie gucokereria miti iria yumite, niundu wa gitumi oro kiriku, oro mwaka handu-ini ha mika 5.</li> <li>11. Mithemba ya miti iria ithondekereirwo ta ngiri (iri na thi ya uraihu wa meter 2) ndingitarwo ta miti ya TIST.</li> <li>12. CAAC itaraga miti ya TIST iria ihanditwo na utiganu wa 2 metres. Miti iria ihanditwo na thi wa 2 metres icehagwo na gutwika ngu.</li> <li>13. Gutiri miti iria ithukagia maria maturigiciriire itaragwo ta miti ya TIST nayo ni ta minyua mai.</li> </ol>
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# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter October 2023

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

www.tist.org

**Kiswahili Version**

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



Mthibitishaji kutoka Epic Sustainability Inc kutoka India anazungumza na wakulima wa Kikundi cha TIST cha Kirua wakati wa Uthibitishaji wa hivi majuzi mnamo Agosti 2023.

Mthibitishaji kutoka Epic Sustainability Inc kutoka India anazungumza na mkulima wa TIST wakati wa Uthibitishaji wa hivi majuzi mnamo Agosti 2023.



Mthibitishaji akizungumza na mkulima wa TIST

- Ndani ya Gazetti**
- ✓ TIST: Kuelewa Jinsi ya Kujiunga na TIST, Kuunda Tani za Carbon na Kupata Faida. Uku. 2
  - ✓ Mahitaji ya Kustahiki kwa Kikundi Kidogo cha TIST. Uku. 6

**TIST: Kuelewa Jinsi ya Kujiunga na TIST, Kuunda Tani za Carbon na Kupata Faida.**

Wakulima wengi wa TIST, hasa wale wanaojiunga na TIST leo, wameomba uelewa zaidi kuhusu mpango wa TIST. Wanataka kuelewa jinsi wanavyoweza kujiunga na TIST na ni nini kinachohusika kwao kupata faida.

Jarida hili linatii ombi lao. Tutajadili mchakato hadi wakati ambapo mkulima mpya anataka kujiunga na TIST na mambo anayohitaji kufanya katika TIST. Ni muhimu kutambua kwamba kujiunga na TIST ni kwa hiari. Kabla ya kujiunga na TIST, wakulima wanahimizwa kujifunza zaidi kuhusu TIST ili waweze kufanya uamuzi bila malipo na wenye ujuzi. TIST inafanya kazi moja kwa moja na wakulima. Wakulima hufanya kazi kwa bidii katika mashamba yao na kutunza mambo wanayofanya ili kupata faida.

Mchakato (Nini)	Nani wa kukusaidia	Nini	Vipi
<b>Mkulima anayetaka kujiunga na TIST</b>	Mtumishi wa Nguzo au mtu mwingine yeyote anayefanya kazi na TIST (Mtumishi wa TIST)	Mkulima anayetaka kujiunga na TIST atawasiliana na Mtumishi yeyote wa TIST.  Mkulima atahitajika kuunda Kikundi Kidogo cha watu 6-12 majirani wa karibu. (Tafadhali soma Hati ya Masharti ya Kustahiki ya Kikundi Kidogo)  Mtumishi wa TIST atakufundisha kuhusu TIST na Uundaji wa Vikundi Vidogo.	Kikundi chako kipya kitahitajika kuanza kufanya mikutano ya kila wiki (katika Ngazi ya Kikundi Kidogo) na pia kuhudhuria Mkutano wa Kila Mwezi wa Nguzo.
<b>Kupata Mafunzo kwa Kikundi Kipya Kidogo</b>	Mtumishi wa Nguzo au mtu mwingine yeyote anayefanya kazi na TIST (Mtumishi wa TIST)	Kikundi chako Kidogo kitaongozwa kupitia Mchakato wa Maombi na kufundishwa kuhusu Mbinu Bora za Vikundi Vidogo (mikutano ya kila wiki, Uongozi wa Mzunguko na Mtumishi, Kujengana, Upangaji wa Utekelezaji, Usimamizi wa Kitalu kilichoinuliwa n.k)	Kila mwanachama wa Kikundi chako Kidogo anapaswa kuhudhuria mkutano wa Nguzo kila mwezi. Kikundi chako Kidogo kitapewa hati ya Mchakato wa Maombi. Mambo ambayo kila mmoja wa washiriki wako wa Kikundi Kidogo anahitaji kujifunza na kuelewa wakati wa Mchakato wa Maombi. <ol style="list-style-type: none"> <li>1. Kila mwanachama anapaswa kujifunza na kuelewa aina za Miti na umuhimu wake (Utafundishwa pia kuhusu Miti ambayo haistahiki kaboni).</li> <li>2. Kila mwanachama anapaswa kujifunza na kuelewa jinsi ya kuanzisha Vitalu vya Miti.</li> <li>3. Kila mshiriki wa Kikundi chako anapaswa kuhudhuria mikutano ya Kila Wiki ya Kikundi Kidogo kwa kutumia Mbinu Bora za TIST.</li> <li>4. Kikundi chako Kidogo kinapaswa kuanza kufanya mazoezi ya Uongozi wa Mzunguko na Utumishi na Kujengana.</li> <li>5. Kila mwanachama ajifunze na kuelewa jinsi ya kufanya Kilimo Hifadhi.</li> <li>6. Kila mwanachama anapaswa kujifunza na kuelewa Mkataba wa GhG.</li> <li>7. Kila mwanachama anapaswa kujifunza na kuelewa Masharti ya Kustahiki ya Kikundi Kidogo</li> </ol> <p><b>Mtumishi wako wa Nguzo atatumia fomu ya pendragon kusajili Kikundi chako Kidogo kama Kikundi cha Waombaji.</b></p>
<b>Mafunzo ya Nguzo na mikutano</b>	Mtumishi wa Nguzo na washiriki wako wa Kikundi Kidogo	Wanakikundi chako Kidogo wanapaswa kuhudhuria Mafunzo ya Nguzo kila mwezi	Katika mkutano wa Kundi, Watumishi wa Nguzo na Viongozi wa Nguzo wanapaswa kufanya kazi pamoja ili kuwapa wanachama wa TIST Mafunzo ya Ubora wa hali ya juu, kuwapa Habari na Taarifa za TIST za hivi punde, Kujibu Maswali, Wasiwasi na au Malalamiko yao. Pia wanapaswa kuwasiliana na Uongozi wa TIST kuhusu maombi yoyote ambayo wanachama wa Kundi wanaweza kuwa nayo.  Watumishi wa Kundi na Viongozi wa Nguzo wanaweza kutumia Nyenzo za Mafunzo zinazotolewa katika tovuti ya TIST ya Simu, Kituo cha Mafunzo cha TIST, Nyenzo Zilizochapishwa za Mafunzo, TIST Chatbox, Jarida la Mazingira Bora, Vidokezo vya Semina.  Mtumishi wa Cluster anapaswa kutumia fomu za pendragon kutoa Ripoti za Mkutano wa Kundi na Uhasibu na kuhakikisha kuwa wanasawazisha taarifa hizo kwenye Hifadhida ya TIST.  Zaidi ya hayo, Watumishi wa Kundi wanapaswa kusasisha katika Tovuti ya TIST ya Simu ya Mkononi, tarehe za mikutano ya Nguzo, tarehe za uchaguzi na taarifa za Viongozi wa Nguzo  Kila mmoja, Nguzo inapaswa kubadilisha Uongozi baada ya kila miezi minne. Kiongozi wa Nguzo anazunguka nje, Kiongozi Mwenza anakuwa Kiongozi na mtu mpya wa Uwajibikaji anachaguliwa. Ikiwa Kiongozi Mwenza ni Mwanaume, Uwajibikaji unapaswa kuwa wa Kike na makamu wake.  Watumishi na Viongozi wa Kundi wanapaswa kuwakaribisha wanachama wapya kwenye mkutano wa Nguzo.



			Mtumishi wa Kundi lazima kila mwezi afanye mipango na washiriki wa Vikundi Vidogo ambavyo miti yao itahesabiwa hadi mkutano wa Nguzo unaofuata. inapaswa katika kila Mkutano wa Nguzo kujulisha kila Kikundi hali yao ya sasa - ustahiki wa kushiriki faida, idadi ya Mashamba na miti iliyokadiriwa n.k.												
<b>Msingi wa Kikundi Kidogo Kipya</b>	Mtumishi wa Nguzo	<p>Washiriki wa Kikundi chako Kidogo wanapaswa kubainisha maeneo wanayotaka kupanda miti sasa na siku zijazo.</p> <p>Wanakikundi wako wa Kikundi wanapaswa kuwepo wakati Watumishi wa Nguzo wanakuja kuchukua Msingi (Kujibu Maswali yanayohusiana na umiliki, historia ya ardhi n.k. )</p> <p>Mavuno ya msingi kupata Grove kuwa <b>PDD</b> (Hati ya Ubunifu wa Mradi). Hii ni hatua ya kwanza katika kushiriki katika biashara ya mikopo ya kaboni</p>	<p>Msingi unahusisha kujibu maswali kuhusu eneo la Grove ambalo mkulima ametambua kwa ajili ya kupanda</p> <ul style="list-style-type: none"> <li>- Umiliki (Tafadhali onyesha Hati Miliki, Cheti cha Beacon, Ruhusa kutoka kwa mmiliki wa ardhi, Kimila, Kukodisha) (Ikiwa hakuna umiliki uliohibitishwa, Grove haiwezi Kuhitimu)</li> <li>- Msitu. Ikiwa Kichaka tayari ni Msitu (Iwapo Ndiyo, Kichaka hakiwezi Kustahiki)</li> <li>- Kimekatwa Misitu (Miaka 10 Iliyopita). Ikiwa ndio, Grove haiwezi kufuzu</li> <li>- Uhamisho. Iwapo mkulima anasimamisha shughuli nyingine ili kupanda miti kwa ajili ya kaboni, Grove hii haiwezi Kuhitimu</li> <li>- Topografia</li> <li>- Miti ya Msingi na Vishina vya Msingi (Miti ya Msingi na miti inayochipuka kutoka kwa mashina ya Msingi Hajatambuliwa kama Miti ya TIST)</li> <li>- Nyimbo - Wimbo wa Msingi 1 na ufuatilie 2.</li> </ul> <p><b>Mtumishi wa Nguzo yako atafuatilia tu anaporidhika Grove yako inakidhi Masharti yote ya Msingi</b></p> <p>Mtumishi wako wa Nguzo pia atachukua Masomo ya GPS katikati mwa Grove.</p> <p>Ikiwa Grove haitahitimu, Mtumishi wa Nguzo anapaswa kukujulisha sababu.</p>												
<b>Usajili wa Kikundi chako Kidogo</b>	Mtumishi wa Nguzo	Kikundi chako Kidogo kitasajiliwa rasmi katika TIST baada ya wanachama wote kupita Mchakato wa Maombi na wote wanajiunga kwa hiari na TIST.	<p>Baada ya Kikundi chako kuanzishwa kwa ufanisi, kupitisha mchakato wa Maombi na kukidhi mahitaji yote ya Kustahiki kwa Kikundi Kidogo, uta;</p> <ol style="list-style-type: none"> <li>Kusoma tena, kuelewa, kusaini Mkataba wa Gesi ya Kuchafua (GhG)</li> <li>Mtumishi wa Nguzo yako atapakwa mkataba katika TIST. Website</li> <li>Kikundi chako Kidogo kinapaswa kuhifadhi na kuweka salama, nakala halisi ya GhG Contracted</li> <li>Mtumishi wako wa Nguzo atasajili Kikundi chako kwa kutumia Fomu ya Pendragon.</li> </ol>												
<b>Kupanda Miti kwa TIST</b>	Mkulima	Mkulima Panda miti kwa kufuata Mbinu Bora za TIST	<ul style="list-style-type: none"> <li>- Ili kukuhakikishia maisha ya juu ya miti yako, panda miti mwanzo wa mvua. - Jikumbushe mwenyewe na washiriki wengine katika Kikundi chako kutumia umbali wa mita 2 au 3-4 kwa miti ya matunda na kokwa.</li> <li>- Unahimizwa kupanda aina mbalimbali za miti</li> <li>- changanya miti ya kiasili, ya kigeni, ya matunda, malisho na kokwa</li> <li>- Daima palilia Mashamba yako na kumwagilia miti yao wakati wa kiangazi.</li> <li>- Wakumbushe Wakulima kupanda miti ambayo inaweza kudumu miaka 30 na zaidi.</li> <li>- Kumbuka, Miti Huainishwa Inapopandikizwa katika eneo la Grove na ni <b>miezi 6 na zaidi</b></li> <li>- Miti inayodhuru mazingira au udongo hauhimizwi</li> <li>- Hakuna miti inayopaswa kupandwa katika maeneo oevu - TIST haihesabii miti iliyopandwa katika maeneo oevu.</li> </ul>												
<b>Ukadiriaji</b>	Mtumishi wa Nguzo	<p>Mtumishi wako wa Kundi anapaswa kutembelea Kikundi chako Kidogo mara moja kwa mwaka. (Kati ya Okt 1- Septemba 30)</p> <p>Ni Miti tu ambayo inahitimu katika TIST ndiyo itakayohesabiwa/ kupimwa.</p> <p>Mavuno ya mchakato wa uhakiki kwa Tani Zilizotengwa.</p>	<p>Wakati wa Kuhesabu, Mtumishi Wako wa Kundi anapaswa kuhakikisha...</p> <ul style="list-style-type: none"> <li>- Wana vifaa vyao vilivyojaa chaji na viko katika hali ya kufanya kazi.</li> <li>- Wana daftari, kalamu na kanda</li> </ul> <p>Mara watakapofika kwenye Grove yako, wata...</p> <ul style="list-style-type: none"> <li>- Kuchukua wimbo wa pili.</li> <li>- Hesabu miti kwa Enzi na Aina</li> <li>- Chukua Mzunguko kwa Enzi. ( Non- Eucalyptus).</li> <li>- Piga Picha wazi.</li> </ul> <p>Huu ni Mwongozo kwa Mtumishi wako wa Nguzo juu ya kuhesabu miti na Mzunguko katika daftari lao.</p> <p>Mfano. Kinoti Grove, Kikundi cha Kibeca 2004KE124</p> <p><b>Umri wa Miti 5.</b></p> <table border="1"> <thead> <tr> <th>Aina za miti</th> <th>Mzunguko wa</th> <th>Hesabu ya Miti</th> </tr> </thead> <tbody> <tr> <td>Parachichi</td> <td>23</td> <td>33,36,28, 24, 30, 34</td> </tr> <tr> <td>Gravellier</td> <td>47</td> <td>41, 41, 38, 34, 29, 37, 28, 36, 18, 26</td> </tr> <tr> <td>Mango</td> <td>18</td> <td>22, 24, 27, 18,</td> </tr> </tbody> </table> <p>Tafadhali Kumbuka;</p> <ol style="list-style-type: none"> <li>Kwa Miti Chini ya Miaka 20 katika Kundi moja la Umri, unachukua mti 1 pekee kwa mduara</li> <li>Kwa miti 20 na zaidi, unachukua mduara wa miti 20. Kuwa nasibu (kubwa, kati, ndogo) na kuchanganya aina mbalimbali.</li> <li>Chukua mduara kwa urefu wa cm 137 kutoka chini ya mti.</li> </ol>	Aina za miti	Mzunguko wa	Hesabu ya Miti	Parachichi	23	33,36,28, 24, 30, 34	Gravellier	47	41, 41, 38, 34, 29, 37, 28, 36, 18, 26	Mango	18	22, 24, 27, 18,
Aina za miti	Mzunguko wa	Hesabu ya Miti													
Parachichi	23	33,36,28, 24, 30, 34													
Gravellier	47	41, 41, 38, 34, 29, 37, 28, 36, 18, 26													
Mango	18	22, 24, 27, 18,													



			<p><b>Vidokezo Vingine.</b></p> <ol style="list-style-type: none"> <li>1. Miti Mipya huhesabiwa ikiwa na umri wa miezi 6 na zaidi.</li> <li>2. Vikundi Vipya vinapaswa kuwa na miti Mipya TU (umri wa mwaka 1) inayohesabiwa kwa ajili yao</li> <li>3. Epuka Kuhesabu Miti ya Msingi kama miti ya TIST.</li> <li>4. Epuka Kuhesabu Miti inayochipuka kama Miti ya TIST.</li> <li>5. Epuka Kuhesabu vichaka vya miti kama miti ya TIST.</li> <li>6. Epuka Kuhesabu ua / ua kama Miti ya TIST.</li> <li>7. Hakikisha unazingatia umbali wa mita 2.</li> </ol> <p>Watumishi wa Kundi wanahimizwa kupanga kila mara kabla ya Kuhesabu kwao ikiwezekana wakati wa Mikutano ya Nguzo ili Wakulima waweze kufahamu na kuhudhuria wanapowatembelea kwa Kuhesabiwa.</p> <p>Kama Mwanakikundi Kidogo, <b>hakikisha wanakikundi wote Kikundi chako Kidogo kinatembelewa na Viwanja vyao Kukaguliwa.</b> Iwapo Groves ni batili, zinapaswa kuondolewa na kumjulisha mwanachama yeyote wa Baraza la Uongozi la TIST KE na kutangaza wakati wa mkutano ujao wa Nguzo.</p> <p>Watumishi wako wa Kikundi wanapaswa kushiriki matokeo ya Uhesabuji wa Kikundi chako kwako na Wanachama wako wengine wa Kikundi Kidogo</p>
<b>Ukaguzi wa ndani</b>	Wakaguzi wa TIST	Wakaguzi wa TIST wataangalia data ya Ukadiriaji ya Groves yako	<p>Wakaguzi wa TIST watachagua kwa nasibu Vikundi na Groves ambazo tayari zimehesabiwa na Mtumishi wako wa Nguzo. Wataangalia miongoni mwa mambo mengine kama;</p> <ol style="list-style-type: none"> <li>1. Kama wimbo wako wa pili unalingana na Nyimbo za Msingi</li> <li>2. Usahihi wa idadi ya miti katika Groves yako</li> <li>3. Kuzingatia nafasi ya 2m4. Kutaja kwa usahihi aina za miti</li> <li>5. Umri sahihi wa miti</li> <li>6. Usahihi wa miduara ya miti kulingana na umri (na ikiwa ni kamili na ya nasibu)</li> <li>7. Ikiwa Groves zote zimekadiriwa</li> <li>8. Suala lingine lolote linalohusiana na kazi ya TIST ikijumuisha tabia na mtazamo wa Mtumishi wa Nguzo.</li> </ol> <p>Wakati wa Ukaguzi, Wakaguzi watashiriki matokeo ya Ukaguzi kwa Mtumishi wa Nguzo. Haya hapa ni alama na hatua iliyochukuliwa.</p> <p>Kama Wakadiriaji wa alama....          +-5% - Hii ni pasi. Mkadiriaji anapongezwa na anaweza kupata bonasi ikiwa haibadilika katika Groves nyingine.          +-10% - Wakadiriaji hutolewa kwa onyo na Mkaguzi anaweza kumuelekeza au nini cha kuchukua. K.m. Thibitisha Upya</p> <p>Juu ya + -10% - Kikadiriaji kimesimamishwa (Mara nyingi kwa miezi 2) na Mkaguzi apeleke suala hilo kwa Uongozi wa GOCC na Baraza la Uongozi. Mkadiriaji anapaswa kukabidhi Vifaa vya TIST mara moja kwa Mkaguzi na kuacha kufanya kazi yoyote ya TIST inayohusiana na Idadi, Mafunzo n.k.</p> <p>Mtumishi wa Kundi anaweza kuachishwa kazi kwa ukiukaji mkubwa wa Maadili ya TIST na kushindwa kujitokeza kwa Ukaguzi bila sababu halali.</p>
<b>Uthibitishaji</b>	Mkaguzi wa Nje	Huyu ni Mkaguzi Huru anayeangalia Mpango na Groves wanakidhi kanuni zilizowekwa na Verra na CDM	<p>Uthibitishaji na uthibitishaji ni muhimu ili kuhakikisha uadilifu na ubora wa miradi iliyosajiliwa katika programu na mbinu za programu za Verra. Michakato hii inaendeshwa na mashirika ya uthibitishaji/uthibitishaji (VVBs) - wakaguzi waliohitimu na huru wa wahusika wengine ambao wameidhinishwa na Verra. VVB ni wataalamu.</p> <p>Wakati wa <b>uthibitishaji</b>, VVB huamua kama mradi unakidhi sheria na mahitaji yote kutoka kwa Verra Programs</p> <p>Validators angalia Taarifa za Msingi za Groves. Wanahusika na Umiliki wa Grove, Uhamishaji, Msitu Uliopo, Ukataji miti ndani ya miaka 10 iliyopita, Ziada, na mambo mengine yoyote wanayotakiwa kuangalia.</p> <p>Kwa kawaida wataangalia ikiwa maelezo tuliyotoa ni sahihi na kuzingatia sheria na mbinu za Verra.</p>
<b>Uthibitishaji</b>	Mkaguzi wa Nje	Kwa kawaida, ni sawa na Vithibitishaji lakini sasa inakagua usahihi wa kaboni iliyotwaliwa na mpango wa TIST.  Mazao ya mchakato wa uthibitishaji kwa <b>Tani Zilizothibitishwa.</b>	<p>Uthibitishaji hukagua kama data yetu ya Ukadiriaji ni sahihi na inafuata sheria zilizowekwa na Verra na CDM</p> <p>Verifiers itaangalia;</p> <ol style="list-style-type: none"> <li>1. Ikiwa miti yetu inahesabu na data ya mduara ni sahihi.</li> <li>2. Ikiwa tumechukua data yetu kutoka kwa wimbo ulioanzishwa wakati wa uchukuaji wa Msingi</li> <li>3. Ikiwa tumehesabu miti ndani ya eneo la wimbo tu</li> <li>4. Ikiwa hakuna miti ya msingi inayojumuishwa katika Hesabu ya Miti ya Kuhesabu</li> <li>5. Ikiwa uvunaji unafanyika isipokuwa wakati Wakulima wanafuata sera ya uvunaji endelevu ya TIST kama ilivyoainishwa katika Mkataba wa GhG na Mahitaji ya Kustahiki kwa Vikundi Vidogo.</li> <li>6. Iwapo kuna upotevu wa kaboni unaotokea ama kwa sababu ya kuruka baadhi ya Mashamba au Miti kufa.</li> <li>7. Ikiwa Miti yetu ya TIST itadumu kwenye Ardhi kwa miaka 30 na zaidi.</li> </ol>



			<p>8. Kuna hatari kubwa ya TIST Tani kupunguzwa au kupotea</p> <p>9. Mambo mengine yoyote ambayo sheria za Verra na CDM inawataka wakagwe.</p> <p>Wahakiki pia wataangalia kama kuna manufaa ya mradi kwa Jamii, Hali ya Hewa na kwa viumbe hai (CCB).</p> <p>Kupanda miti ya kiasili, kufuga nyuki kuboresha bioanuwai. Kupanda miti ya Matunda, kufanya Kilimo Hifadhi (CF) na jiko za kuokoa Nishati huboresha maisha ya jamii.</p> <p>Kupanda aina nyingi na tofauti za miti huboresha hali ya hewa.</p>
Uthibitisho	VERRA	<p>VERRA ni shirika linalodhibiti miradi ya Carbon na kufanya biashara chini ya Soko la Hiari. Sheria za matumizi ya TIST zilizowekwa na VERRA.</p> <p>Mazao ya Mchakato wa Uthibitishaji kwa Vitengo</p> <p><b>Vilivyothibitishwa vya Carbon (VCU)</b></p>	<p>Wathibitishaji baada ya kufanya Uthibitishaji na Uthibitishaji hupeleka ripoti yao kwa Verra. Verra anatoa Miradi ya Carbon na Vyeti ili kuwaruhusu kuuza tani zao za kaboni kwenye soko. Ikiwa mradi wa kaboni utashindwa katika Uthibitishaji na Uthibitishaji, Verra haiwezi kutoa cheti na kwa hivyo mradi kama huo hauwezi kushiriki katika soko la kaboni.</p>
Uuzaji na	CAAC	<p>CAAC inafanya uuzaji wa Vitengo</p> <p><b>Vilivyothibitishwa vya Carbon (VCU)</b></p>	<p>CAAC inauza Tani za TIST. Tunapokuwa na matokeo ya ubora wa juu, inakuwa rahisi kwa CAAC kuuza Tani za TIST</p> <p>Zaidi ya hayo, wakati shughuli nyingine kama vile CF, Jiko la Jiko, mizinga ya nyuki, Matunda, Karanga, Lishe n.k ikijumuisha ushiriki wa vijana, wanawake katika uongozi wa TIST, zinafanywa na TIST. Wakulima, thamani ya Tani za TIST huongezeka sokoni hivyo basi bei.</p> <p>Tunapofanya kazi duni na kuwa na data duni na taarifa zisizo sahihi, wanunuzi huanza kupoteza imani na TIST. Wanaanza kutafuta tani mahali pengine. Tunapoteza soko na hatuwezi kushiriki katika soko la kaboni tena. Hebu tuepoke hili!</p> <p><b>Kwa hiyo ni muhimu kwa kila mtu anayehusika katika TIST kuzingatia kikamilifu Maadili ya TIST - Sisi ni Waaminifu; Sisi ni Sahihi; Sisi ni Wazi; Tunawajibika kwa Pamoja; Sisi ni Watumishi sisi kwa sisi; Tunatumia bajeti ndogo kupata Matokeo ya Juu</b></p>
Uuzaji Mgawanyo wa Faida	CAAC		<p>Baada ya Mauzo ya Tani za kaboni ndani ya Mwaka wa Fedha (Mwaka wa Fedha wa CAAC kuanza kuanzia tarehe 1 Oktoba hadi Septemba 30), CAAC itafanya hesabu ya Hisa ya Faida kama Ufuatao.</p> <p>Mfano.</p> <p>Jumla ya Tani za Kaboni zilizouzwa XXX Gharama Chini za Mpango XX Chini ya Kodi = Faida XXX</p> <p>Gharama za Mpango ni pamoja na mambo kama Malipo ya Mapema, Gharama za Ukadiriaji, Gharama za Mafunzo, Gharama za Uthibitishaji na Uthibitishaji, Gharama za Uuzaji, Semina, Mishahara n.k.</p> <p>Baada ya kupata Faida, Vikundi Vidogo hupata 70% ya Faida na CAAC hupata 30%.</p> <p><b>Tafadhali kumbuka: TIST haiwaulizi wakulima malipo yoyote: Usajili, Mafunzo, Ukadiriaji, GhG, Gharama za Mazingira Bora hutozwa na CAAC. Tunazingatia gharama hizi wakati wa mahesabu ya faida. Usilipe chochote kwa mtu yeyote!</b></p>
Malipo kwa Vikundi Vidogo	Watumishi wa Nguzo		<p>Baada ya Kuhesabiwa Faida, Kila Kikundi Kidogo cha Ustahiki wa Kushiriki Faida kitapokea vocha ya malipo. Kumbuka:</p> <p><b>Sifa ya kupata Malipo ya Hisa ya Faida</b></p> <ol style="list-style-type: none"> <li>1. Kikundi chako Kidogo kinapaswa Kuhesabiwa ndani ya kipindi cha Mwaka wa Fedha wa CAAC (Okt 1, - Septemba 30)</li> <li>2. Kikundi chako Kidogo kinapaswa kuwa na Taarifa kamili ya Msingi</li> <li>3. Kikundi chako Kidogo kinapaswa kuwa kimetia saine Mkatiba wa GhG na kupakiwa katika Tovuti ya TIST.</li> <li>4. Kikundi chako Kidogo hakijapoteza Tani ama kwa mavuno au sababu nyingine yoyote</li> <li>5. Kikundi chako Kidogo kinafuata Maadili ya TIST.</li> </ol> <p><b>Mikutano ya Malipo: Mkutano wa Malipo ya Kwanza</b> Mara tu vocha za malipo zitakapotolewa, Mtumishi wa Kundi atazileta kwenye mkutano wa Kundi la Kwanza. Kikundi Kidogo kinapaswa kutuma Wawakilishi wasiopungua 2 kuja kuchukua Vocha.</p>



		<p>Baada ya mkutano, Wawakilishi wa Vikundi Vidogo wenye vocha wataitisha mkutano na wanachama wote wa Kikundi Kidogo. Watajadili vocha na kukubaliana juu ya malipo na WOTE wanapaswa kusaini vocha ikiwa wameridhika. Ikiwa hawatakubaliana na vocha, watairudisha kwenye mkutano wa Nguzo na Mtumishi wa Nguzo atawasiliana na Baraza la Uongozi.</p> <p>Wakati wa mkutano wa Kikundi Kidogo, wanachama watateua Mlinzi wa Mpesa (Ikiwa Vocha yao ina chini ya KES 30,000) kupokea. malipo yao kwa niaba. Mlinzi wa Mpesa lazima awe mwanachama wa Kikundi chako Kidogo na miti yake ikaguliwe. Ndugu, jamaa au marafiki <b>ambao si washiriki</b> wa kikundi chako hawaruhusiwi kuwa Walinzi wa Mpesa.</p> <p>Vivyo hivyo, kwa Vikundi Vidogo vilivyo na vocha zaidi ya KES 30,000 vitateua Wanachama Watatu kufungua Akaunti ya Benki na kuwa watia saini. Kama ilivyo kwa Mlinzi wa Mpesa, ni wanachama wa kweli PEKEE wa Kikundi Kidogo wanaruhusiwa kuwa watia saini. Ndugu, jamaa au marafiki <b>ambao si washiriki</b> wa kikundi chako <b>hawaruhusiwi kuwa</b> Watia saini wa benki.</p> <p>Kumbuka: Mkumbushe mlinzi wa Mpesa hapaswi kuwa na Fuliza au mkopo mwingine wowote ambao utakata malipo yao. Zaidi ya hayo, wanapaswa kuangalia salio lao la Mpesa ili kuruhusu kupokea malipo.</p> <p><b>Mikutano ya Malipo: Mkutano wa Malipo ya Pili</b>  Huu ni mkutano mwezi mmoja baada ya vocha kutolewa. Vikundi Vidogo vinatakiwa kuja na Vocha zao zilizosainiwa ipasavyo na wanachama WOTE.  Kumbuka, angalau theluthi mbili ya Wanachama wa Kikundi Kidogo wanapaswa kuwepo kwenye mkutano huu. Mtumishi wa Nguzo ataita majina ya Vikundi Vidogo vilivyo na Vocha.</p> <p>Atathibitisha maelezo ya Kikundi chako Kidogo kama ifuatavyo.</p> <ol style="list-style-type: none"> <li>1. Vocha yako ni halali - ilitolewa mwezi uliopita. Baadhi ya Vikundi huleta vocha za zamani ambazo tayari zimetiwa alama kuwa tupu. Hii ni makosa.</li> <li>2. Wanachama wote wa Kikundi chako Kidogo wametia sahihi Vocha</li> <li>3. Mlinzi wako wa Mpesa au Watia saini wa Benki ni washiriki wa Vikundi vyako na miti yao imethibitishwa.</li> <li>4. Cluster Servant atarekodi maelezo ya Kikundi chako kidogo na kushiriki na Timu ya malipo. Tafadhali thibitisha maelezo ya simu kwa uangalifu sana. Mlinzi wa Mpesa atoe majina yake matatu jinsi yanavyoonekana katika kitambulisho cha taifa.</li> <li>5. Kwa Vikundi vilivyo na chini ya KES 30,000, vitapokea malipo yao kupitia Mpesa kutoka kwa CAAC</li> <li>6. Kwa Vikundi vyenye KES 30,000 na zaidi watapata Cheki.</li> <li>7. Baada ya malipo kupokelewa, Mlinzi wa Mpesa au Waliotia saini wa Benki wanapaswa kuwaarifu wanachama wengine wa Kikundi Kidogo cha Kushiriki</li> <li>8. Kumbuka, Mtumishi wa Kundi anapaswa kubaki na sehemu ya chini ya vocha ambapo wanachama walitia sahihi. Kikundi Kidogo kitahifadhi sehemu ya juu kwa rekodi yao.</li> <li>9. Vikundi Vidogo ambavyo vitashindwa kuhudhuria mkutano wa pili wa malipo watapata fursa nyingine (ya mwisho) katika mikutano ya Nguzo ifuatavyo. Baada ya mkutano huu, vocha itabatilishwa na zinaweza tu kulipwa wakati wa kizazi kijacho cha vocha.</li> <li>10. Ni muhimu kwa Vikundi Vidogo kuhudhuria mikutano ya Nguzo. <b>Watie Moyo Daima!</b></li> </ol>
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## Mahitaji ya Kustahiki kwa Kikundi Kidogo cha TIST.

<p><b>TIST Valuesv Sisi ni Honest</b></p> <ul style="list-style-type: none"> <li>❖ Tuko Sahihi Tuko Transparent</li> <li>❖ Tunawajibika Vyote</li> <li>❖ Sisi ni Watumishi kwa Kila Mmoja</li> <li>❖ Tunatengeneza Matokeo Makubwa kwa Bajeti Ndogo.</li> </ul>	<ol style="list-style-type: none"> <li>1. Kunapaswa kuwa na wanachama 6 hadi 12 katika Kikundi chako Kidogo, kutoka angalau kaya 3 tofauti.</li> <li>2. Kila Kikundi Kidogo lazima kiwe tayari kufuata Maadili ya TIST.</li> <li>3. Washiriki wa kila Kikundi Kidogo wanapaswa kukutana pamoja kila wiki kwa kutumia Mbinu Bora za Kikundi Kidogo cha TIST ili kubadilishana mawazo na kupanga kazi zao. Wanakikundi Kidogo wanapaswa kushiriki katika mafunzo ya TIST ili kusaidia kukuza na kushiriki Mbinu Bora na Vikundi vingine vidogo vya TIST.</li> <li>4. Wanachama wote wa Vikundi Vidogo wanatakiwa kutia sahihi Mkataba wa Gesi ya Kuchafua mazingira na kujulisha Uongozi wa TIST wakati Wanakikundi Kidogo wanaondoka kwenye ardhini au kuondoka kwenye Kikundi Kidogo, wakati wanachama wapya wanajiunga na Kikundi Kidogo, na wakati shamba jipya linapopandwa.</li> <li>5. Wanakikundi Kidogo wanapaswa kutoa ushahidi unaoonyesha umiliki wake au upatikanaji wa ardhini ambayo watapanda, au wamepanda miti ya TIST.</li> <li>6. Kila Kikundi Kidogo kipande miti isiyopungua 500 kwa mwaka kwa angalau miaka 3.</li> <li>7. Vikundi Vidogo vya TIST vijipange kuunda Vikundi. Kundi linaundwa na Vikundi Vidogo 30-50 ambavyo vyote viko umbali wa kutembea kutoka kwa kila mmoja. Nguzo inapaswa kuwa na ardhini ya kutosha ndani ya miaka 2 baada ya kujiunga na TIST kupanda miti 400,00 (takriban hekta 160).</li> <li>8. Ili Vikundi Vidogo vya TIST vifuzu kwa biashara ya kaboni, Vikundi Vidogo lazima viweke miti hai kwa miaka 60 au zaidi, isipokuwa kwa kufuata Mbinu Bora za kilimo mseto. Utendaji Bora wa sasa ni kwamba miaka 10 baada ya miti kupandwa, Vikundi Vidogo vinaweza kuvuna hadi 5% ya miti inayopandwa kila mwaka kwenye kila shamba au shamba.</li> <li>9. Clean Air Action Corporation (CAAC) itahesabu miti ya TIST, kupima kaboni iliyokatwa, na kulipa Vikundi Vidogo US \$0.02 kwa kila mti hai, kwa mwaka, katika mkataba wote wa GHG. CAAC itageuza kaboni kuwa mikopo ya kaboni na kulipa Vikundi Vidogo 70% ya faida kutokana na mauzo ya mikopo ya kaboni.</li> <li>10. Vikundi Vidogo vya TIST vinapaswa kupanda tena miti inayokufa, kwa sababu yoyote ile, kila mwaka kwa angalau miaka 5.</li> <li>11. Aina za miti ambayo huchukuliwa kama vichaka au ua (chini ya urefu wa mita 2) haiwezi kuhesabiwa kuwa miti ya TIST.</li> <li>12. CAAC itahesabu miti ya TIST ambayo imepandwa kwa nafasi isiyopungua angalau mita 2. Miti iliyopandwa kwa umbali wa chini ya mita 2 inaweza kupunguzwa kwa kuni au lishe.</li> <li>13. Hakuna miti inayoharibu mazingira itahesabiwa kuwa miti ya TIST kama vile mikaratusi.</li> </ol>
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# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter October 2023

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

www.tist.org

**Kikamba Version**

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



**Muikiithya kuma Epic Sustainability Inc ila yi India aineena aimi ma ngwatanio ya Kirua ya TIST ivindani ya uikiithya na uvitukithya ula unaendee mwai wa nyaanya (August).**

**Muikiithya kuma Epic Sustainability Inc kuma India aineena na aimi ma TIST ivindani ya kuiikiithya na kuvitukithya mwai wa nyaanya (August) 2023.**



**Muikiithya aineena na muimi wa TIST.**

- Inside:**
- ✓ **TIST: Kuelewa undu utonya ulika nthini wa TIST, kuseuvya tani sya nzeve itavisaa na kuseuvya vaita. Page 2**
  - ✓ **Kila kyendekaa tukundi tunini twa TIST kwitikilika. Page 6**



## TIST: Kuelewa undu utonya ulika nthini wa TIST, kuseuvya tani sya nzeve itavisaa na kuseuvya vaita.

Aimi aingi ma TIST munamuno ala meulika TiST umunthi, nimanakulilye maelew'e muno undu wa walany'o uu wa TIST. Meenda kumanya na kuelewa undu matonya ulika nthini wa TIST na kuelewa nikyau kyendekaa kuseuvya ukwati na vaita.

Ithangu yii ya Newsletter ya Mazingira Bora nineew'ie witano woo. Nituuneenea nzia yakuatia muvaka muimi mweu ukwenda ulika nthini wa TIST undu utonya kwika na nikya kyendekaa wike walika nthini wa TIST. Niuseo kumanya kulika nthini wa TIST nikwenda kwaku. Mbee wa kulika nthini wa TIST, aimi nimathuthaw'a memanyisye muno iulu wa TIST nikana maamue mbee wa kulika kana nieanie ni mawalanio ma TIST. TIST ithukumanaa na aimi. Aimi mathukumaa muno miundani yoo na kusuvia syindu nikana methiwe na ukwati.

Nzia ya kwika ( ata)	Nuu wa Kutetheew'a	Ata	Na nzia yiva
<b>Muimi ukwenda ulika nthini wa TIST</b>	Muthukumi wa ngwatanio ya TIST kana mundu ungi ula ukuthukuma na TIST (muthukumi waTIST)	<p>Muimi ula wina wendi wa kulika nthini wa TIST akakwatania na muthukumi wa TIST.</p> <p>Muimi niwaile useuvya kakundi kanini ka andu kuma 6-12 ala ni atui mathengeanie nake (Kwandaia soma umanye kila kyendekaa kuseuvya kakundi ketikilika)</p> <p>Muthukumi wa TIST nukuumanyisya iulu wa Tist na undu wa kuseuvya kakundi kanini.</p>	Kakundi kaku kanini nikekwendeka kambiie mbumbano sya kila kyumwa (levoo yathi ya tukundi) na ingi nimwaile uvika mbumbanoni sya ngwatanio ya TIST ya kila mwai
<b>Kukwata uvundisyo kwa tukundi tunini tweu</b>	Muthukumi wa Ngwatanio kana muthukumi ungi kana mundu ungi ula ukuthukuma na TIST	Kakundi kenyu kanini nikeutongoew'a undu wa kwiyaandikithya na kuvundiw'a iulu wa mawiko maseo ma kakundi kanini ala kaile kwika (nthini wa mbumbano sya kila kyumwa, utongoi wa kithyululu/ kumanisya, kwakana (kujegana), itambya ya kwika, ivuio sya kitanda na ungamii wasyo)	<p>Kila memba wa kakundi kaku niwaile uvika umbanoni wa ngwatanio ya TIST imwe kila mwai. Nivo kakundi kenyu kakanewa mathangu ma kwiyaandikithya.</p> <p><b>Syindu ila kila umwe wa kakundi kenyu kanini waile kumanya na kuelewa.</b></p> <ol style="list-style-type: none"> <li>1. Kila umwe niwaile umanya na kuelewa iulu wa mivai/mithemba ya miti na vaita wayo. (Ingi niuumanyiw'a iulu wa mithemba ya miti ila itetikilika kwa soko wa nzeve itavisaa).</li> <li>2. Kila memba niwaile ivundisya na kuelewa undu utonya useuvya kivuio.</li> <li>3. Kila memba wa kakundi kaku niwaile uvika wumbanoni wa kakundi kau kila kyumwa na kuatia mawiko maseo ma TIST.</li> <li>4. Kakundi kenyu nikaiile kwambia kuthukumithya utongoi wa kumanisya/kithyululu na utongoi wa uthukumi vamwe na kwakana.</li> <li>5. Kila memba niwaile kwimanyisya na kuelewa undu wa nima ya kusuvia (Conservation Farming, CF).</li> <li>6. Kila memba niwaile kuelewa ni wiw'ano wa kikundi kya GhG.</li> <li>7. Kila memba niwaile kwimanyisya na kuelewa kila kitumaa tukundi twitikilika nthini wa ngwatanio ino ya TIST.</li> </ol> <p><b>Muthukumi waku wa kakundi nukutumia voo mu ya Pandragon kumuandikithisya kakundi kenyu.</b></p>
<b>Movundisyo na mbumbano sya ngwatanio</b>	Muthukumi wa ngwatanio TIST na amemba ma kakundi kaku	Amemba ma kakundi kaku nimaile uvika umbanoni wa umanyisyo wa ngwatanio wa kila mwai.	<p>Nthini wa wumbano wa ngwatanio ya TIST wa kila mwai athukumi ma ngwatani na atongoi ma ngwatanio nimaile uthukuma vamwe kuikiithya amemba nimakwata mauvundisyo na momanyisyo ma yiulu, kukwata uvoo wa mituki kuma kwa TIST, kusungi makulyo moo, kuthinikia mateta na mathina moo. Nimailite uneenania na utongoi wa TIST kana kukulya amemba ma TIST ethiwa amemba ma ngwatanio mena mawendi manenganite mathinikiwe.</p> <p>Athukumi na atongoi ma ngwatanio sya TIST nimatonya utumia matilio ala manenganitwe ni TIST kwa Website. Imanyisyo ila ivathitwe sya uvundianya'a, mathangu makunitwe kyava, uneenania wa TIST (chatbox), ithangu ya Mazingira Bora, na momanyisyo kuma seminani.</p> <p>Athukumi ma ngwatanio ni maile utumia mavoomu ma Pandragon kutunga livoti sya mbumbano sya ngwatanio na masavu na kukwatianisya uvoo usu kuseuvya Database ya TIST.</p> <p>Kwongeleela, athukumi ma ngwatanio nimaile kunengane kila kiendee nthini TIST Mobile Website, mbumbano sya ngwatanio matuku ila syaile ithiwa, matuku ma usakuani na uvoo iulu wa atongoi wa ngwatanio.</p> <p>Kila ngwatanio yaile ithiwa na utongoi wa kithyululu/kumanisya kila myai ina. Mutongoi wa ngwatanio akaumia munini wake nake munini wake akaumia mwii wa kinanu nake mwiwa kinandu ayumia memba vala maile umanyisya munduume mundu muka.</p> <p>Atongoi na athukumi ma ngwatanio nimaile uthokya amemba eu ala mavika umbanoni wa ngwatanio.</p>



			<p>Kila muthukumi wa ngwatanio niwaile kila mwai kwika mivango na amemba ma tukundi tunini undu miti yoo ikuthianwa na kuvitukithwa tuivika wumbanoni wa mwai ungi.</p> <p>Athukumi ma ngwatanio nimaile kumanyithya kila kakundinthini wa wumbano wa kila mwai iulu wa muungamo woo iulu wa vaita wa kuaiwa na namba ya tumititu na miti ila mivitukithye kati wa maundu angi.</p>												
<b>Mwambiio wa tukundi tunini tweu</b>	Muthukumi wa ngwatanio	<p>Amemba ma kakundi kaku nimaile kumatha na kumanya vala makavandaa miti yu na ivinda yukite.</p> <p>Kakundi kenyu nikaile kwithiwa vo yila mutongoi wa ngwatanio wooka usisya kisio kila mukwambiia nakyo (nikana mutungie makulyo iulu wa mwene kisio na ethiwa kitheka kina utheu).</p> <p>Kisio kii kya mwambiio kietae usyao wa miti yakyo ta PDD (Project design Document). Yii niyo itambya yambee nikana kulika viasalani wa nzeve itavisaa.</p>	<p>Mwambiliilo withiawa vamwe na kusungia makulyo iulu wa miti ila ikvandwa kisioni kiu na kinyuvitwe ni muimi</p> <ul style="list-style-type: none"> <li>- Mwene ( Kwandaia onanyai mavalua ma kitheka ta title dead, certificate, ethiwa ni nguundu, value wa mwene kunengane mwanya kana value ukwonia nikombo) (Ethiwa vai kimwe kati ka ii, miti ila mwavanda vau nditonya uvitukithw'a)</li> <li>- Mititu. Ethiwa miti ila yivo niya mutitu. Ethiwa ni yii niya mutitu maitonya uvitukithwa)</li> <li>- Kutemanga miti (myaka 10 mithelu). Ethiwa ni yii, miti isu ndivitukithwa</li> <li>- Kuvindua. Ethiwa muimi akaeka maundu ala wikaa kisioni kiu nikana avande miti nundu wa viasala ya nzeve itavisaa usu miti yake ndivitukithw'a.</li> <li>- Undu kisio kiilye, kiima, mwanda, kitiuuko, vatindimalu.</li> <li>- Miti ya mwambiio na miti ila ithongooaa kuma matiloni/ ithukini ma miti isu nditalikaa na ndivitukithw'a ta imwe ya Nzia/ Itambya – Nzia ya mwambiio 1 na nzia ya keli 2.</li> </ul> <p><b>Muthukumi wa ngwatanio yenyu akoosa nzia kana itambya eaniwa kana nimwianiisye kila kyendekaa nthini wa miti na kitheka kyenyu kya mwambiio.</b></p> <p>Ingi muthukumi wenyu wa ngwatanio akoosa map ya vala mui (GPS) e katikati wa miti isu. Ethiwa miti yenyu ndinavitukithwa muthukumi wa ngwatanio niwaile umutavya nikitumi kyau kyatuma mutavitukithwa.</p>												
<b>Kuandikithw'a wa kakundi kenyu kanini .</b>	Muthukumi wa ngwatanio	<p>Kakundi kanini kaile uandikithw'a na Tist ambemba oothe mamina uvitukithwa nziani syonthe sya kwiyaandikithya na kwa kwiyumya vate kuthingiw'a.</p>	<p>Itina wa mwambiliilo kwaila na maundu on the ala mendekaa kuvikiwa kakundi kaa nikaile kuandikithw'a na mwaile ika uu ;</p> <ol style="list-style-type: none"> <li>a) Soma, elewa n iyikia saii wiw'ano wa Greenhouse Gas (GhG)</li> <li>b) Ngwatanio yenyu ikeekia wiw'ano uyu mutandaoni wa TIST (Website).</li> <li>c) Kakundi kenyu nikaile kwia nesa copy ya wiw'ano uyu wa GhG</li> <li>d) Muthukumi wa ngwatanio yenyu nukumuandikithya itumia voomu ya Pendragon.</li> </ol>												
<b>Kuvanda miti ya TIST</b>	Muimi	<p>Aimi kuvanda miti maatii mivango ya wiko museo wa TIST .</p>	<ul style="list-style-type: none"> <li>- Kuikiithya miti yaku niyavi vanda ivindani yila mbua ikuinga.</li> <li>- Ililikani na ulilikania amemba ala angi ma kakundi kangu kuvanda miti yina utaanuwa matambya eli (2m) na ethiwa nimiti ya mbindi kana matunda vanda utaanuwa matambya atatu kuvika ana (3-4m).</li> <li>- Nuuthuthw'a kuvanda miti mithemba/mivai kivathukany'o uvulanitye - miti ya kiene, miti ya kuka, miti ya matunda, miti ya liu wa indo, miti ya muunyi, miti ya mbindi, miti ya matunda.</li> <li>- Ivinda yoonthe imia miti yaku na kumingithya ivindani ya thano.</li> <li>- Lilikania aimi kuvanda miti itonya kwikala kilungu kya myaka 30 kana mbeange.</li> <li>- Lilikania, Miti ivitukithw'a yi myumye kivuioni na ikekala kithekani kwa ivinda ya myai thathatu iinyiva.</li> <li>- Miti ila ithokoanasya mawithyululuko kana yikaa sumu muthangani nditikilikaa.</li> <li>- Vai miti yaile uvandwa nthongoni sya kiw'u. TIST nditalaa miti ila ivanditwe isioni isu sya kiw'u.</li> </ul>												
<b>Kuvitukithw'a</b>	Muthukumi wa ngwatanio	<p>Muthukumi wa ngwatanio yenyu niwaiwe umuthokea kakundini kenyu imwe kwa mwaka (katikati wa 01/10 na 30/09)</p> <p>No miti ila mivitukithye na yina wailu ikutalika nthini wa TIST.</p> <p>Kuthianwa na kuvitukithya nikw'o kwithiawa na ngetha ya tani iutalika sya nzeve itavisaa.</p>	<p>Ivindani ya kuthianwa na kuvitukithw'a kwa miti yenyu muthukumi wenyu wa ngwatanio niwaile kuikiithya ....</p> <ul style="list-style-type: none"> <li>- Muio woo wawia wina mwaki wa kwiana na nuuthukuma undu vaile.</li> <li>- Niwaile ithiwa na ivuku ya kuandika, kalamu na tape ya uthima.</li> </ul> <p>Mavika vala muvandite miti yenyu meika uu ...</p> <ul style="list-style-type: none"> <li>- Maatii nzia/ itambya yakeli.</li> <li>- Matale miti na ukuu na ingi na mithemba/mivai</li> <li>- Mathime uthathau maatii ukuu wa miti ( ila ti- Eucalyptus)</li> <li>- Makune visa theu</li> </ul> <p>Uu niw'o mwolooto ula waile uatiwa yila muthukumi wa ngwatanio ukutala miti na kuthima uthathau wayo aandikite ivukuni.</p> <p>Ngelekanio.</p> <p>Miti ya Kinoti, kakundi ka Kibeca Group 2004KE124</p> <p><b>Miti ya myaka 5.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Muvai wa muti</th> <th>Utalo wa miti</th> <th>Uthathau wa Miti</th> </tr> </thead> <tbody> <tr> <td>Avocado (Ikolovea)</td> <td>23</td> <td>33,36,28, 24, 30, 34</td> </tr> <tr> <td>Gravellier</td> <td>47</td> <td>41, 41, 38, 34, 29, 37, 28, 36, 18, 26</td> </tr> <tr> <td>Mango (lembe)</td> <td>18</td> <td>22, 24, 27, 18,</td> </tr> </tbody> </table>	Muvai wa muti	Utalo wa miti	Uthathau wa Miti	Avocado (Ikolovea)	23	33,36,28, 24, 30, 34	Gravellier	47	41, 41, 38, 34, 29, 37, 28, 36, 18, 26	Mango (lembe)	18	22, 24, 27, 18,
Muvai wa muti	Utalo wa miti	Uthathau wa Miti													
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Mango (lembe)	18	22, 24, 27, 18,													



			<p>Kwandaia manya;</p> <ol style="list-style-type: none"> <li>1. Kwa miti ila yina ukuu umwe na ndivikite 20 vathimawa muti oumwe .</li> <li>2. Miti ila ivitukite 20 uthimaa uthathau wa miti 20, ila wosaa uvulanitye mithathau, yikatikati na mimosa na mithemba/mivai kivathukano.</li> <li>3. Thima/osa uthathau wa muti 137cm kuma nthi vala muti umeele .</li> </ol> <p><b>Maundu angi ma kumanya.</b></p> <ol style="list-style-type: none"> <li>1. Miti myeu italawa yina ukuu kana yavitukya myai thathatu.</li> <li>2. Ikundi nzau syaile ithiwa na miti myeu yoka. (Ta miti yina mwaka umwe yakua nika italike.</li> <li>3. Ndukatale miti ila mweethie muyambiia ta ya TIST .</li> <li>4. Miti ya uthongooete ndikatalwe ta ya TIST.</li> <li>5. Muikatale ikuthu ta miti ya TIST</li> <li>6. Muikatale w'iio ta miti ya TIST.</li> <li>7. Ikiithya nimwekalya utaaniu wa matambya elei (2m)</li> </ol> <p>Athukumi ma ngwatanio methuthw'a kwikia mivango tene ya undu wa kwika uthiani na uvitukithya yila kwina wumbano wa ngwatanio nikana aimi methiwe maimanya nimaile ithiwa vo yila uumathokea kuthiana na kuvitukithya miti yoo.</p> <p>Ta kakaundi kanini ikiithya amemba on the ma kakundi kaku nimathokewa na miti yoo kuthianwa na kuvitukithwa. Ethywa miti yoo nditikilika nimaile utiwa kuma ngwatanioni na utongoi wa kanzu ya TIST Kenya uimanyithw'a na undu uu uitangaaswa umbanoni ula uatie wa ngwatanio.</p> <p>Muthukumi wa ngwatanio niwaile umumanyithya kwa vamwe inywi ene kakundi kau matokeo ma kakundi kenyu itina wa kuvitukithwa.</p>
<b>Ukunikili wa Masavu ma kithini</b>	Eki ma masavu ma TIST	Eki ma masavu ma TIST makakunikila uvoo ula wausuw'a ni athukumi ma ngwatanio sya TIST mamina kuthiana na kuvitukithya miti.	<p>Eki ma masavu ma TIST makasakua ikundi ivitukanite ila miti yoo mivitukithye ni athukumi ma ngwatanio sya TIST. Na kati wa syindu ila makakunikilaa ni ii; Whether your secondary track match with Primary tracks.</p> <ol style="list-style-type: none"> <li>1. Uw'o wa miti ila mitale kisioni kyenyu.</li> <li>2. Kana nimuatie utaaniu wa matambya eli (2m).</li> <li>3. Uw'o wa masyitwa ma nivai/mithemba ya miti .</li> <li>4. Uw'o wa myaka ya miti.</li> <li>5. Uw'o wa uthathay wa miti kuatania na ukuu wayo (kana ni mithely na nisakuitwe kilikanganio).</li> <li>6. Kana mii yonthe yi isioni isu ni mivitukithye.</li> <li>7. Undu ula ungi ukoneteye wia wa Tist wivo mwikalo na tavia ya athukumi ma ngwatanio.</li> </ol> <p>Ukunikili uendee, eki mamasavu makatavasya na kumavikisya livoti athukumi ma ngwatanio ya masavu moo. Vaa ve matokeo na utambya yila yosetwe .</p> <p>Ethiwa athiani ni makwata matokeo .....</p> <p>+-%5 - Kuu nikwonia masavu aya mekitwe ni muthukumi uyu wa ngwatanio nimaseo na ona novikie kunewa mbonasi kwianana na isio sya miti ila uvitukithye.</p> <p>+10% - Muthiani ula wia wake weina makosa maingi uu nunengawe onyo na tukumwa atungiliile ingi kana kwosewa itambya .</p> <p>lulu wa +-10% - Muthiani usu ni uungamaw'a wiani uu (kwa myai) na mwiki wa masavu ainengane vata uu kwa utongoi wa kanzu ya ngwatanio ino na utongoi wa GOCC. Muthiani uyu niwaile kwamituki unengane miiyo ya TIST na kueka uthukuma wia wa TIST ula ukonanitye na uthiani na umanyisya.</p> <p>Muthukumi wa ngwatanio ni kuungamw'a avituukania mivango na mawalanio ma TIST na kulea kuvika ukunikilini wa masavu vate kitumi kiani.</p>
<b>Kuikiithya</b>	Eki mamasavu kuma nza	Aya nieki mamasavu mateundu makonanitye na Tist ala mekaa ukunikili wa masavu ma walany'o wa TIST maatii miao ya ila yeekiwe ni Verra na CDM .	<p>Kithiana na kuvitukitha ni syindu sya vata muno na nisyendaa wumilu na ukiiku wa mawiko/project uka ukwika ungu wa walanio wa VERRA. Nzia ino ya kuthiana na kuvitukithya yikawa ni (VVBs) - atalamu, matena ngwatanio na munda wa katatu eki aya mamasavu metikilikite na kuikiithw'a ni Verra nimo nduika/ataalamu ma VVBs.</p> <p>Ivindani ya kuikiithya, VVB nimaamua kana wiko nuvikiie miao ila yendekea kima wa mawalanio ma Verra.</p> <p>Aikiithya nimasiasya uvoo wa wambiliilyo wa miti na kisio kiu kyetimikie (ta miti ila yaivo matanambiia kuvanda yoo). Nimasiasya mwene kisio, kukuanwa, miti/mititu ila inaivo, miti myenge ivindani ya myaka 10 mithelu, kila kyongele na kindu kila kingi kitonya ithiwa kyaile usiw'a.</p> <p>Ingi nimakunikilaa kana uvoo ula munengane niwaw'o na nuendanitye na miao ya Verra na walanio.</p>
<b>Ukusi wa kuvitukithya</b>	Eki mamasavu kuma nza	Kawaitamethiawa ooundumwe na athiani indi wia woo nikuikiithya kana kila kiandikitwe ni athukumi ma ngwatanio sya TIST na aikiithya nikyaw'o nakina ukiiku kwa nzeve itavisaa ya walany'o wa TIST.	<p>Kuvitukithya na kuikiithya kana livoti ila inenganitwe ni athiani ma ngwatanio ya TIST niyawo nan i yiatie miao ya Verra na CDM.</p> <p>Akiithya makasisya;</p> <ol style="list-style-type: none"> <li>1. Ethywa utalo wa miti na uthathau wa miti niwaw'o.</li> <li>2. Ethywa nitumitye livoti kuma itambyani ya mwambiliilyo .</li> <li>3. Kana tatalite miti ila yi nthini wa laini /nzia ila yeekiwe .</li> <li>4. Kuikiithya vai miti ya mwambiliilyo ivitukithitwe na kutalika ivindani ya kuthiana.</li> <li>5. Ethywa miti niendee ukethwa kwa nzia itaile . kuketha mataatie walanio wa TIST undu iandikitwe thini wa wiv'ano wa GhG na tukundi tunini nikana twitikilike.</li> <li>6. Ethywa ve waw'o wa nzeve itavisaa uendee kwa nzia ya miti isioni imwe kukilwa kana miti kuma.</li> <li>7. Ethywa miti ya Tist nikwikala yivo myaka mingo itatu (30) na kwambata.</li> </ol>



		<p>Walanyo wa kukusiia ukusi muiiithe wa tani sya nzeve itavisaa .</p>	<p>8. Ethiwa vena muisyo ukwoneka utonya kuete wasyo kana kuoleka kwa tani sya TIST. 9. Kindu kingi kila Verra na CDM masya kithianwe na kumwa utalo.</p> <p>Akiithya aya nimeusisya kana vena vaita kwa kisio, ekali ma kisio na muthanga wa kisio (Community, Climate and biodiversity (CCB).</p> <p>Kuvanda miti ya kiene, kuvengea myatu/kuithya nzuki, nikwailasya nzeve ya ksiio, kuvanda miti ya matunda n anima ya kusuvia (CF) and maiko ma kusuvia mwaki nmailasya mathayu na mwikalile wa andu ma kisio kiu</p> <p>Kuvanda miti mingi na mivai/mithemba kivathukano niyailasya mawithyululuko na nzeve. Ya kisio.</p>
<p><b>Kuvitukithw'a kana ukumu</b></p>	<p>VERRA</p>	<p>VERRA niyo kambuni ila ithukumanaa na mawiko ma Nzeve itavisaa kwa ala mekwenda uta sokoni wa kwiyumya. TIST itumia miao iseuvitw'e ni VERRA.</p> <p>Kuvitukithw'a kana kunewa ukumu wa kuketha <b>Verified Carbon Units (VCU)</b></p>	<p>Itina wa athiani Kuthiana na kuvitukithya na livoti yoo kwithiwa yi sawa nitumawa kwa VERRA..</p> <p>VERRA ninenganae mawiko ma nzeve itavisaa na mwanya/ukumu/sativiketi wa kumanenga mwanya wa kuta tani sya nzeve itavisaa sokoni.</p> <p>Ethiwa project niyalea uthianwa, kuikiithw'a , Verra nditonya unengane uthei kana sativiketi na kwoou project isu nditonya ulika sokoni ino ya nzeve itavisaa.</p>
<p><b>Kuthoosya na Kutandithya/kuta</b></p>	<p>CAAC</p>	<p>CAAC niyo ithoosya <b>Verified Carbon Units (VCU)</b></p>	<p>CAAC niyo ithoosya tani sya TIST . Yila twina ngetha nzeo ya kiwango kiyiulu withiawa wi wia wilaisi kwa CAAC kuthoosya tani sya TIST.</p> <p>Kwongeleela yila mawia angi ta nima ya kusuvia (CF), maiko mausuvia mwaki, kwanika myatu, matunda, mbindi/ngii, uithyo wa indo na vaita ingi vamwe na muika kuthukuma, iveti kutongosya kwa TIST, kuthukuma kwa aimi ma Tist, useo wa tani sya TIST niwongeleka sokoni kwoou thooa useuva.</p> <p>Yila tweeka wia muthuku na twina livoti thuku aui nimaasya muiki naitu ta TIST. Nimambiiiaa umatha tani kundu kungi. Nitwaasya soko na uyithia tuitonya kulika sokoni uyu wa nzeve itavisaa. Tutate navinya kwailya wia witu na kuusuvia!</p> <p>Kwoou ni undu wa vata kila umwe walika kana eekwatania na TIST kuatiia mwolooto na walanio wa TIST eyumitye – <b>Twii aikiiku, Twikaa w'o, twikaa maundu kyenini; nitutalikaa mwikaloni witu, twi athukumi umwe kwa ungi, nitutumia kinandu kinini kukwata mosungu manene</b></p>
<p><b>Kuaana vaita wa kuaiwa</b></p>	<p>CAAC</p>		<p>Itina wa uthoosya tani sya nzeve itavisaa kwa mwaka wa ukwati (CAAC mwaka woo wa ukwati ni kuma 01/10 kuvika 30/09) CAAC niyikaa masavu na ikatala vaita wa kuaana ta uu.</p> <p>Ngelekany'o</p> <p>Isavu yoonthe ya tani ila nde XXX Ola motumiku ma walanyo XX Ola koti = Vaita XXX</p> <p>Motumiku ma walanio nita aluvasi (ndivi yam bee), ndivi ya ivindani ya uvitukithya, kumanyusya, utumiku ivindani ya kuthiana kuikiithya na kuvitukithya, kuthoosya, semina na misaala.</p> <p>Itina wa ukwata vita kakundi kanini kakwataa 70% ya vaita na CAAC 30%</p> <p><b>Kwandaia manya: TIST ndikulasya aimi maive mbesa nikana meyiandikithye. kana ndivi yothe onaethiwa ni kwiyiandikithya, kumanyiw'a, kuthianwa na kuvitukithwa, GhG, ithangu ya Mazingira bora, utumiku uu w'othe uviawa ni CAAC. Maundu aa othe nitumekiaa kwa utumiku wa CAAC. Nitwikaa masavu aya yila tutala vaita. Ndukaive mundu ona umwe kindu!</b></p>
<p><b>Ndivi sya tukundi tunini</b></p>	<p>Muthukumi wa ngwatanio ya TIST</p>		<p>Itina wa vaita wa kuaana katalwa, kila kakundi nikethiawa na wumbano wa kuaiwa vaita na unewa mathangu ma ndivi ethiwa nmailite ukwata.</p> <p><b>Manya: Kwitikilika kukwata ndivi ya kuaana</b></p> <ol style="list-style-type: none"> <li>1. Kakundi kenyu nikaile ithiwa kavitukithitwe kwa ivinda ya mwaka wa masavu wa CAAC (kuma 1/10 kuvika 30/9).</li> <li>2. Kakundi kenyu kaile ithwa kausisye uvoo wa mwambiliilyo.</li> <li>3. Kakundi kenyu kaile ithiwa keekiie saii wiw'ano wa GhG na weekiwa mutandaoni (Website) wa TIST .</li> <li>4. Kakundi kenyu kayaiile kwithiwa kaitye tani sya nzeve itavisaa kwa nzia ya uketha miti kana nzia ingi.</li> <li>5. Kakundi kenyu kaile ithiwa kaatii walanyo wa TIST.</li> </ol> <p><b>Mbumbano sya Ndivi: Wumbano wa mbee wa ndivi.</b> Yila mathangu mandivi maseuvw'a , muthukumi wa ngwatanio ya TIST numaetae wumbanoni wambee wa ngwatanio. Vala kakundi kanini kaile ithiwa katumite mainyiva andu eli wumbanoni usu kuka kwosa ithangu yoo ya ndivi.</p>



		<p>Itina wa kukomana amemba ala matumitwe ni kakundi kwosa ithangu ya ndivi nimakomanaa ingi na amemba ma kakundi kanini. Ni maile kuneenanisya ithangu yoo na kieleanwa undu wa ndivi na oothe mayikia saii ithanguni yii ya ndivi ethiwa nimeaniwa. Ethwa nimaileana na ithangu yii niyitungawa ingi wumbanoni wa ngwatano na kumunenga muthukumi wa ngwatano, vala nake nukuneena na utongoi wa kanzu ya TIST.</p> <p>Yila amemba ma kakundi makomana wumbanoni nimaile unyuva ala meumakwatia Mpesa (ethiwa ndivi yoo ni nini kwi silingi sya Kenya ngili miongo itatu (Ksh.30,000) nikana makwate ndivi kilini kyoo. Ula mwanuyva tawe mukwati wa ndivi ino ya Mpesa aile ithiwa e memba wa kakundi kenyu na ena miti mivitukithye. Mundu wa mundu, mundu wa musyi kana munyanya ula ti memba wa kakundi timwitikilye utwika mwii wa ndivi yenyu ya MPesa.</p> <p>Kwa nzia isu manya, tukundi tunini tula mathangu moo mena vaita uvitukite Ksh.30,000/= nimaile usakua andu atatu mauvingua akaondi na vengi na kwikia saii. Ota kwa Mpese no memba ma kakundi kenyu metikilikite na ala mena miti ikutalika nthini wa ndivi ino. Anyanya, andu ma musyi, vai umwe ute wa kakundi kenyu witikilitwe kutwika mwiki wa saii vengi ila yina ndivi yenyu.</p> <p>Manya: Lilikanai ula muutw'a mukwati wa ndivi yenyu ya Mpesa ndakethiwe na Fuliza kana loni ingi ila itonya utuma ndivi yenyu itilwa. Ingi niwaile usisya mbalance yake ya mpesa nikana aketikila ndivi.</p> <p><b>Umbano wa Ndivi: Umbano w akeli wa ndivi.</b>  Uyu ni wumbano wa itina wa mwai umwe kuma ithangu ya ndivi mwayikwata. Kakundi kanini nikendekaa koke na ithangu yoo yina saii wa kila memba.  Lilikana, muinyiva ala mavika umbanoni uu maile ithiwa me kundu kwili kwa itatu (2/3) kwa amemba ala mavika umbanoni uu.  Muthukumi wa ngwatano nukwita masyitwa ma tukundi tunini tula twin mathangu aya. Nukuikiithya uvoa wa kakundi kenyu kwa nzia ii..</p> <ol style="list-style-type: none"> <li>1. Ithangu yenyu niyitikilikite – yanenganiwe mwai muthelu. Tukundi tumwe nituetae mathangu ma tene ala maleilwe na ti useo.</li> <li>2. Amemba oothe makakundi nimaile ithiwa mekiite saii ithanguni yii.</li> <li>3. Ala munyuvite ta mo meumwosea ndivi ethwa no Mpesa kana vengi maile ithiwa me amemba ma kakundi kenyu na mena miti mivitukithye.</li> <li>4. Muthukumi wa ngwatano nukwandika kakundi Kenya na nzia ila muvanginge kuaana ndivi ino ta timu. Kwandaia sisya keli ukiithye namba ya simu ila munasakuiye yina masyitwa atatu make ala me kivandini kyake.</li> <li>5. Kwa tukundi tula twina ndivi itavikite KES 30,000 nimeukwata ndivi yoo kuma CAAC kwanzia ya Mpesa.</li> <li>6. Tukundi tula ndivi yoo ivikite na kuvituka 30,000 namo meivwa na kyeki.</li> <li>7. Itina wa ukwata ndivi kwa Mpesa kana kwa Kyeki ala maivwa nimaile umanyithya amemba ala angi nikana makaaana.</li> <li>8. Lilikana, muthukumi wa ngwatano niwaile utiwa na kalungu kamwe ka ithangu ya ndivi vala amemba mekiite saii. Kakundi nako kaithi na ngaliko ya iulu nundu wa mavuku moo.</li> <li>9. Kakundi kala kalea uvika umbanoni wa keli kena ivuso yingi yamwiso umbanoni ula ungi uatiie wa ngwatano. Itina wa umbano uu wathela ithangu yii yitumika ingi no meteelile mwaka ungi kana yila kwiseuvw'a mathangu angi ma ndivi.</li> <li>10. Ni undu wa vata kuthutha tukundi kuvika mbumbanoni sya ngwatano sya kila mwai. <b>Thuthany'ai kila ivinda!</b></li> </ol>
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## Kila kyendekaa tukundi tunini twa TIST kwitikilika.

<p><b>Mwolooto wa TIST</b></p> <ul style="list-style-type: none"> <li>❖ Twi aikiiu</li> <li>❖ Twikaa uw'o</li> <li>❖ Twikaa maundu kyenini</li> <li>❖ Nitutonya utalika kwa meko na mwikalo</li> <li>❖ Twi athukumi umwe kw aula ungi</li> <li>❖ Nitutumiaa utumiku munini kwika maundu na kuete vaita munene.</li> </ul>	<ol style="list-style-type: none"> <li>1. Nivaile ithiwa amemba 6kuvika12 kakundini kenyu kanini ala ni kuma misiyini iinyiva itatu kivathukano.</li> <li>2. Kila kakundi nikaile kuatiia mawalano ma TIST.</li> <li>3. Amemba ma kila kakundi nimaile ukomana kila kyumwa kwika mawia maseo ma TIST na kwikia mivango ya wia woo. Tukundi tunini nitwaile ukwata mauvundisyo ma TIST kutetheesya kwiana na kuthuthaninya makieleanya iulu wa meko maseo ma TIST na tukundi tula tungi.</li> <li>4. Amemba oonthe ma Tukundi tw'oonthe ni maile ikia kiithilo/saii wiw'ano wa Greaanhouse Gas na kumanyithya utongoi wa TIST yila umwe wa amemba makakundi wakola, watia kitheka kana yila memba mweu walika kakundini na yila miti myeu kana kitheka myeu kyambiia utumika.</li> <li>5. AMemba wa kakundu nimaile onany'a ithangu kana kindu kikusiia kana nomatumie kitheka/ muunda ula makavandaa miti kana vala mavandite miti ya TIST.</li> <li>6. Kila kakundi nikaile uvanda miti iinyiva 500 kila mwaka kwa myaka itatu kiatianisyo.</li> <li>7. Tukundi tunini twa TIST nitw'o tukwatanaw'a vamwe na kutwika ngwatano ya TIST. Ngwatano ya TIST yithiawa na tukundi 30 kuvika 50 tula tuthengeanie ukethia no muendo wa kutambuka na maa. Ngwatano yaile ithiwa na kitheka kianu thini wa ivinda ya myaka 2 kuma yaseuvw'a na ivandite miti mbee wa 400,00 (isu nita eka 160).</li> <li>8. Kwa kakundi kanini ka TIST kuvitukithw'a kulika viasalani wa nzeve itavisaa kaile ithiwa na miti itonya kwikala myaka 30 nambeange ateo yila muatiie meko maseo ma nima na mititu. Kwayu meko maseo ni kuketha miti imwe itina wa myaka 10 wamina uvanda vala tukundi twaile uketha kilio kya 5% ya miti ila ivanditwe kila mwaka kwakila muunda/kitheka/vuloti.</li> <li>9. Clean Air Action Corporation (CAAC) makatala miti ila ya TIST, mathime nzeve ila itavisaa yisetwe, na kuiva kakundi US\$0.02 kwa kila muti withayu kila mwaka kwa ivinda yila wiw'ano wa GHG wiikala. CAAC ikavindua nzeve itavisaa itwike Carbon Credits na kuiva tukundi tunini 70% ya vaita kuma utandithyani wa carbon credits.</li> <li>10. Tukundi tunini twa TIST nitwaile uvanda miti ila yooma, kwa kitumi okila kithiwa kwa kiiyiva kilungu kya myaka 5.</li> <li>11. Mithemba ya miti ila iteanaa italikaa ta wio kana ikuthu (itaasavaa kuvituka 2m) nditonya utalika ta miti ya TIST.</li> <li>12. CAAC ikatala miti ya ila ivanditwe na utaaniu uinyiva wa matambya eli (2 metres). Miti ila yina utaaniu utavikitye matamba eli nomuvaka iolwe na kutumiwa ta ngu kana uithyo.</li> <li>13. Vai muti wanangaa mawithyululuko ukatalwa ta wa TIST kwa ngelekanio eucalyptus.</li> </ol>
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# Mazingira Bora

**tist** Growing Trees  
Growing Leaders

Newsletter October 2023

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

www.tist.org

**Kipsigis Version**

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



**Mthibitishaji kutoka Epic Sustainability Inc kutoka India anazungumza na wakulima wa Kikundi cha TIST cha Kirua wakati wa Uthibitishaji wa hivi majuzi mnamo Agosti 2023.**

**Mthibitishaji kutoka Epic Sustainability Inc kutoka India anazungumza na mkulima wa TIST wakati wa Uthibitishaji wa hivi majuzi mnamo Agosti 2023.**



**Mthibitishaji akizungumza na mkulima wa TIST**

**Inside:** ✓ TIST: Kikuyo ole kichutitoo TIST, ketoo tanisiekab Koristo ak kenyor melekweek. Page 2

✓ Tuguk che Kimokyingee en Katuiyet ne Ming'in. Page 6



# TIST: Kikuyo ole kichutitoo TIST, ketoo tanisiekab Koristo ak kenyor melekweek.

Temik che chang, missing ho chon chute TIST en raini, ko kikoteeb akobo tetutietab TIST. Moche konai ole kichutitoo TIST ak kelchinoik cheimuche konyorchigee.

Baruani ko kosin icheek somenywan. King'ololen ortinwek che bune akoi kochut temindet TIST ak tuguk che nyolu koyai en TIST. Bo komonutiet kenai kele kechut TIST ko tileng'ung' inyegen. Kotomo kechut TIST, kechere temik konai che chang' akobo TIST as komuch koyai lewenenywan ichegen ne noton ichegen. Boisie TIST kipni ak temik. Boisie temik en kogiletab gee en mbarenikuak ak koribe tuguk che tindoo en mbaar asi komuch konyorchigee kelcjinok.

Yautiet (Nee)	Ng'oo ne toretin	Nee	En orr nee
<b>Temindet ne moche kochut TIST</b>	Kiboitotab Isasamet anan ko chito age tugul ne boisiechin (Kiboitotab TIST)	Temindet age tugul ne moche kochut TIST ko nyoru kiboitot age tugul nbebo TIST. Temindet ko nyolu kotoo katuiyet nebo bik 6 akoi 12 ak bikab kokwet. (kaikai inetgee akobo Mokutikab Katuiyet ne Ming'in (Small Group Eligibility Requirements Document) Inete kiboitotab TIST akobo TIST akole kitoundoo Katuiyet ne Ming'in.	Katuiyeng;ung' ne Mingin kemoche kotoo koyai tuiyet agenge en wikit age tugul (en komostab Katuiyet ne mingin) ak koba tuiyetab Isasamet en arawe agetugul.
<b>Kenyoor Kanetisiet nebo Katuiyet ne Mingin ne leel</b>	Kiboitotab Isasamet anan ko chito age tugul ne boisiechin (Kiboitotab TIST)	Kitoreti Katuiyeng;ung; ne Mingin akobo Oret ne Kisomtoo ak kineet akobo Ortinwek che Miahc chebo Boisietab Katuiyet ne Ming'in (tuyosiekab wikit age tugul, kandoinatet ne kiwolchigee ak keboisiechigee, keteckggee, tetutikab Boisiet, kabetisiek che tororeen, ak alak)	Age tugul en membaekuok en katuiyet ne mingin ko nyolu kwo tuiyetab isasamet en arawet age tugul. Katuiyenwguang ne mingin kikochin tuguk che Kisomen kesirak.  <b>Tuguk che nyolu konetgee membayat age tugul en Katuiyet ne Mingin ak kokuyo en olon kinyite sometab kesir katuiyet.</b> <ol style="list-style-type: none"> <li>1. Nyolu konetgee agetugul akobo ketik tugul ak komonutietab age tugul (kinetook kora akobo ketik che monyuru aldateab koristo)</li> <li>2. Nyolu konai membayat agetugul ole kichoptoo betitab ketik.</li> <li>3. Nyolu kowendi membayat agetugul tuyosiekab Katuiyet en wikit age tugul ak koboisien Ortinwek che Miach chebo Boisiet.</li> <li>4. Katuiyenguong' ko nyolu koyai kandoinatet ne kiwolchigee ak Kandoinatet nebo Boisiet ak keteckgee (kujengana)</li> <li>5. Nyolu konetgee membayat age tugul ak koyai Temisietab Ribetab Emeet.</li> <li>6. Nyolu konai membayat agetugul ak kokuiyo akobo koyonchinet ak GgH.</li> <li>7. Nyolu konetgee ak kokuiyo membayat age tugul akobo Makutikab Kayuiyet ne Ming'in</li> </ol> <b>Boisien kiboitotab isasamet formit ne kikureen pendragon form asi kosir Katuiyet ne Mingin ne ng'wong'</b>
<b>Kanetisiet ak tuyosiekab Isasamet</b>	Kiboitotab Isasamet ak membaekab Katuiyet ne Mingin ne Ng'wong'	Nyolu koba membaek chebo Katuiyet ne Mingin ne ng'wong; Kanetisietab Isasamet en arawet age tugul	En tuiyetab isasamet ko nyolu en Kiboitotab Isasamet ak Kandoik alak kokochi membaek kanetisiet nebo barak, ak kogochi logoiwek che lelach chebo TIST ak kowol tebutikuak, koimutikuak ak kerenyuan ak rirutik che tindoo. Nyolu kora kong'ololchin ak Kandoinateba TIST en samutikab alak tugul chebo membaek. Imuche koboisien Kiboitotab Isasamet ak Kandoikab Isasamet tuguk chebo konetisiet chemi website nebo TIST, ak TIST Learning Center, Printed Training Materials, TIST Chatbox, Mazingira Bora Newsletter, Seminar Notes. Nyolu koboisien Kiboitotab Isasamet formisiek che kigureen pendragon forms asi kogo tuyosiekab isasamet ak Ripotisiekab Walutik ak kogeer kole koituyiyo logoiwechoton ak olemi tuguk tugul chebo TIST (Legutab TIST). Kora, nyolu koyachi kolelitet en TIST Mobile Website, tuyosiekab Isasamet, tarikisiekab lewenisiet ak logoiwekab kandoikab Isasamet. Nyolu kewolchigee kandoinateba Isasamet enkokaibat arawek 4. Kanoindetab Isasamet komondoo, Rupeiywot koigu kandoindet, ak kelewelen chito ne lele neribe rabisiekab Isasamet. Angot ko kandoindosnet. etab Isasamet ko murenik, ko rupeiywot ko kwondo, ako ne ribe rabisiek ko kwondo ak kewlawal kou nonito. Nyolu kotach Kiboitotab Isasamet ak akndoikab isasamet membaek che lelach. Nyolu koyai tetutik Kiboitotab Isasamet ak Katuiyosiek che mengechen akobo koitetab ketik akoi betut ne isbu nebo tuiyetab isasamet. Nyolu komwochi kiboitotab isasamet katuiyet ne mingin age tugul akobo oleu katuiyenyan en tuiyet agetugul nebo isasamet – oleu ng'alekuak en pjeutikab melekweek, koiteab ketikuak ak osnosiekuaak., ak alak.





<p><b>Kiwotosiekab Katuiyosiek che Mengechen.</b></p>	<p>Kiboitiotab Isasamet</p>	<p>Nyolu kocheng' membaekab Katuiyeng'wong' ne Ming'in ole kiminchin ketik en nguni ak betusiek che bwone.</p> <p>Membaekab Katuiyeng'wong' ne Ming'in ko nyolu komii tuiyet olon itu Kiboitiotab Isasamet konyon Kocheng'e Kiwotetab oleominchin ketik (asi koib tebutik ak wolutikab chitab kobo mbaret ak ole kiwondito mbaret ak alak)</p> <p>Konu kiwotetab mbaret olekikochinto osnet PDD(Project Design Document). Noton ko kokwoutiet netai ichut mung'aretab aldaetab koristo.</p>	<p>Kiwotetab mbaret koibu tebutik che tinyegee ak oleiboch Osnet ne koaibor temindet keminchi ketik.</p> <ul style="list-style-type: none"> <li>- Nebo mbaret (Kaikai iborun taoitoldid, satifiket nebo bikonit, chomchinetab nebo mbaret, kippгаа anan ko kakompuanet) (Angot ko momii koborunetab keboisien mbaret, ko monyoru temindet kesirchi Osnet)</li> <li>- Osnet. Angot ko ole kiminchin ketik ko kikoik osnet neo, ko mosiche kesirchi.</li> <li>- Osnet ne kikeswach. (kenyisiek 10 che kokoba). Angot ko iman, ko mosiche kesirchi.</li> <li>- Istoetab tuguk. Angot ko tete temindet koisto tuguk alak en mbar asi komin ketik, ko mokisirchin yoton.</li> <li>- Keikeindab emet</li> <li>- Ketik che mi oleiboch mbar ak musugik che mii kiwoto (Ketik che mi kiwoto ak ketik che rutu en musigik che mii kiwoto ko mosiche kesirchi koik ketikab TIST)</li> <li>- Kosibet – kosibet ne taa ak nebo oeng'</li> </ul> <p><b>Kiboitiotab Isasamet neng'wong' koname koib kokwoutik olon ka kogeer kole kakoyamgee Kiwoto neg'ung' ak Mogutik.</b></p> <p>Kiboitiotab Isasamet neng'wong' kora ko nyolu koib Koitosiekab mbareng'ung' chebo GPS en kwenetab Osneng'ung'.</p> <p>Angot ko moitin mogutik tugul mbareng'ung', ko nyolu komwoun Kiboitiotab Isasamet amuneisiek</p>												
<p><b>Siretab Katuiyeng'ung' ne Ming'in</b></p>	<p>Cluster Servant</p>	<p>Kisire Katuiyeng'ung'; ne Ming'in olon kakosir membaek tugul Sometab Kesir ako Konugee Tugul en chanyuan koik membaekab TIST.</p>	<p>Yon kokobata kebimoni kiwotetab mbarenikuok, ak kosir sometab siet, ak konyorchigee tugul tugul chekimokyingee en Katuiyet Ne Ming'in, ko nyolu oyai cheisibu:</p> <ol style="list-style-type: none"> <li>a) Osoman kogeny, okuyen ak onde siyet koyonchinet ak Greenhouse Gas ( GhG)</li> <li>b) Kiboitiotab Isasamet ko ine ne iyokto koyonchinet en website nebo TIST.</li> <li>c) Nyolu korib komie Katuiyet ne Ming'in neng'ung' koyonchinet ak GhG</li> <li>d) Kiboitab Isasamet ne ng'ung' ko nyolu kosir Katuiyeng'ung' en formit nebo Pendragon</li> </ol>												
<p><b>Minetab ketik chebo TIST</b></p>	<p>Temindet</p>	<p>Mine temindet ketik en oret Nemie nebo Boisitab TIST</p>	<ul style="list-style-type: none"> <li>- Asikomukak kemin ketik che sobtos, ko nyolu kemin en kasarta neinome robta.</li> <li>- Obworingee ak membaek alak ole kimine ketik en kokwoutik chebo keliek 2 kong'eten ketit akoi ketit anan ko keliek 3 akoi 4 en logoek.</li> <li>- Kicherook omin ketik che terterchin cheu chebo kippгаа, chebo chumbek, logoek, che amitwokikab tuga ak alak.</li> <li>- En abokora igeer ile kesemberchi ketik ak inde beek en abokora.olon yamat emet.</li> <li>- Ibwotin temik komin ketik chetore kenyisiek che sire 30.</li> <li>- Ibwat ile kite ketik olon kakemin ako kakotar orowek 6 ak kwo barak</li> <li>- Monjolunot kemin ketik che weche ng'ung'unyek ana ko itondab emet.</li> </ul> <p>Momi ketik che kemine en saosanik anan ko olekutunen beek - moiite TIST ketik che kakimin en saosanik anan ko ole kutunen beek.</p>												
<p><b>Koitet</b></p>	<p>Kiboitiotab Isasamet</p>	<p>Kiboitiotab Isasamet ko nyolu korutechi Katuiyet ne Nibg'in ne ng'ung' konyil agenge en kenyt (Kong'eteen arawetab Buret (9) tarikit 1 akoi arawetab Epeso (10))</p> <p>Ketik che kite ko chekichomtoo en TIST kityo.</p> <p>Koitet kokonu Tanisiekab koristo Chekikoito kialda</p>	<p>Olon kiitisie, ko nyolu kogeer Kiboitiotab Isasameng'ung' kole:</p> <ul style="list-style-type: none"> <li>- Nyolu komi mat ne mororu mosinisiek che boisien ako mi komie koboisie</li> <li>- Tindo kitabut, kilamit ak tepit (putit)</li> <li>- They a have a note book, pen and a tape</li> </ul> <p>Ngoitu mbareng'ung' ko nyolu koyai cheisibu:</p> <ul style="list-style-type: none"> <li>- Kobiman mbaret kasarta nebo oeng'</li> <li>- Koit ketik kotienggee kenyisiek ak kele ketik anchoon</li> <li>- Kobiman toldolindab ketik kotienggee kenyisiek (chemo kiplugam)</li> <li>- Kobir pichainik che toku komie</li> </ul> <p>Inoni ko Ororunet koityi Kiboitiotab Isasamet olon iite ketik ak kobimoni toldolindab ketik en kitabusiakuak che mengechen.</p> <p>Korogutiet:</p> <p>Kinoti Grove, Kibeca Group 2004KE124</p> <p><b>Kenyisiekab ketit ko 5 (Trees age 5).</b></p> <table border="1" data-bbox="628 1888 1455 1995"> <thead> <tr> <th>Ketit ainon</th> <th>Koitosiekab ketik</th> <th>Toldolindo</th> </tr> </thead> <tbody> <tr> <td>Avocado</td> <td>23</td> <td>33,36,28, 24, 30, 34</td> </tr> <tr> <td>Gravellier (sebesebe)</td> <td>47</td> <td>41, 41, 38, 34, 29, 37, 28, 36, 18, 26</td> </tr> <tr> <td>Mango (maembe)</td> <td>18</td> <td>22, 24, 27, 18,</td> </tr> </tbody> </table> <p>Kaikai keer ile:</p> <ol style="list-style-type: none"> <li>1. En ketik 20 che kergee ako bo kenyisiek che kergee, ibimoni agenge kityo</li> <li>2. En ketik 20 ak koba barak, ibimoni tugul 20. Ikechakech, (che mengechen, che mi kweenet ak che eechen) ak ing'olng'ol ketik kotienge kele ketin nee.</li> <li>3. Kibimoni ketit iwe kokwoutik 137 cm kong'eteen kel en ketit</li> </ol>	Ketit ainon	Koitosiekab ketik	Toldolindo	Avocado	23	33,36,28, 24, 30, 34	Gravellier (sebesebe)	47	41, 41, 38, 34, 29, 37, 28, 36, 18, 26	Mango (maembe)	18	22, 24, 27, 18,
Ketit ainon	Koitosiekab ketik	Toldolindo													
Avocado	23	33,36,28, 24, 30, 34													
Gravellier (sebesebe)	47	41, 41, 38, 34, 29, 37, 28, 36, 18, 26													
Mango (maembe)	18	22, 24, 27, 18,													



			<p><b>Logoiiek alak.</b></p> <ol style="list-style-type: none"> <li>1. Kite ketik che lelach yon bo arawek 6 kityo ak koba barak.</li> <li>2. Katuiyosiek che lelach kiitin ketik che lelach KITYO (kenyit 1) .</li> <li>3. Mat iit ketik chemi kiwotetab olekikibiman.</li> <li>4. Bakach mat iit ketik che rutu ichegen.</li> <li>5. Bakach mat iit bukonokab ketik koik ketikab TIST.</li> <li>6. Bakach mat iit ngotonok koik ketikab TIST.</li> <li>7. Ker ile kesib kokwoutikab keldo 2 .</li> </ol> <p>Kichere Kiboitinkab Isasamet kotet komie koloo Koitosiek missing en Tuiyosiekab Isasamet asi konai temik ak komuch komii en kasarta ne kite ketik. Koi membayat nebo Katuiyet ne Ming'in, igeer ile kokirutechi membaek tugul ak kiit Timuekuak. Angot ko monyoru timuek makutik tugul, ko nyolu kemwochi kandoidet age tugul nebo Kansol nebo TIST(TIST KE Leadership Council) ak kibarasta en tuiyetab Isasamet neisibu. Kiboitinkab Isasamet ko nyolu kopjei wolutikab Koitosiekab Katuiyeng'uong' ak mambaek alak chebo Katuiyeng'uomg'.</p>
<b>Chigilet nebo Orit nebo Boisionikab Rabisiek</b>	Chigilikab rabisiek chebo TIST	Chigili Chigilikab TIST ole kikiitito ketikuok	<p>Bendi chigilik ole kaibwat en Katuiyosiek ak Timuek che kikoit Kiboitinkab Isasamet. Alak en tuguk che chigili ko:</p> <ol style="list-style-type: none"> <li>1. Angot ko nomegee bimanetab oeng' ak nekibo taa.</li> <li>2. Angot ko kikiit komie ketik en timtong'ung'.</li> <li>3. Angot ko kikisib kokwoutikab keldo oeng'.</li> <li>4. Angot ko kikikochi ketik tugul kounitik che choton.</li> <li>5. Angot ko obo iman kenysisiekab ketik.</li> <li>6. Angot ko kikibiman en iman toldolindab ketik kotingee kenysisiek che tindoo (ak angot ko kikitara ako kikiit kewalawal).</li> <li>7. Angot ko kikiit timuek tugul</li> <li>8. Tuguk alak che tiinye boisietab TIST kobot atebeet ak keeretab Kiboitiotab TIST.</li> </ol> <p>En chigilisiet, ko pjee chigilik walutikab Chigilisiet koityi Kiboitiotab Isasamet. Cheisibu ko ole kisoisondoo ak kokwoutik che kiibe: Angot konyoor Koitindet..... +-%5 - inoni ko kosiir. Kemwochin kongoi Koitindet ako imuche konyorchigee bonus angot kou noton en Timuek alak. +10% - kikochin koteunet Koitindet ako imuche koipchi Chigilindet kokwoutik kou Kogetigee Koitisiet kora Above +10% - kikochin komung'et koitinde (abokora ko arawek 2) ak kokoito Chigilindet logoyot koit GOCC Leadership ak Leadership Council. Quantifier. En yoton ko nyolu kokoito Koitindet tuguk tugul chebo TIST koityi Chigilindet ak kotonon komekoyai boisiet age tugul ne tinyegeer ak Koitisiet, Kanetisiet ak alak. Kimuche kitonosi Kiboitiotab Isasamet olon kayai lelutik en Makutikab TIST ak olon maitita en aksarta nebo Chigilisiet en amuneisiek che mo yome.</p>
<b>Koyonchinet</b>	Chigilindetab Sang	Ni ko Chigilindet ne Telchingeer ne nyone kochigil Tetutikab TIST ak Timuek kogeere kole ityin ng'atutik che kikolumpta Verra ak CDM	<p>Koyonchinet ak Chigilisiet k obo komonut asi komuch kegeer mitunetab miendo ak kororindab boisionik che kikisir en Tetutikab Verra ak tetutikab ortinwek che kiyoyito tuguk. Ortinwechu keyoe en komostab koyonchinet/chigilisiet (validation/verification bodies (VVBs)) – nyoru mogutik, ako chigilik che telchingeer che kikoyan Verra. VVBs ko chibileen.</p> <p>En <b>koyonchinet</b>, kogeere VVB angot koityin kosibutik ak mogutik tugul tetutiet age tugul chebunu Tetutikab Verra.</p> <p>Bik che yoe Koyonchinet ko chigili Logoiwekab Kiwotosiekab Timuek. Ichek ko tokyingee Chito nebo Timto, Koutosiek, Osnosiek che kimii, Osnosiek che Kigetil en eknyisiek 10 che kokosirto, Tesutik, ak tuguk alak tugul che nyolu kechigil.</p> <p>En kotugul ko chigili angot ko logoiwek che kokikoite k obo iman ak kosib ng'otutikab Verra ak ortinwekab boisiet.</p>
<b>Chigilisiet</b>	Chigilindetab Sang	En kotugul, ko kergee ak bik che yoe koyonchinet kobaten en nguni ko chigili imanitab koristo ne kikitabaan kialda en  Chigilisiet ko konu <b>Tanisiek che Kikehigil</b>	<p>Chigilisiet ko keere angot k obo iman Koitosiekiok ako angot kosibi ng'atutikab Verra ak CDM</p> <p>Chigilik ko keere:</p> <ol style="list-style-type: none"> <li>1. Angot k obo iman bimanetab toldolindab ketik ak koitosiek</li> <li>2. Angot ko kikisib bimanosiek che kikakiyai en kasarta ne kikiyoe Chigilisietab Kiwotosiek</li> <li>3. Angot ko kikiit ketik che mi orititab mabrt ne kikibiman. Angot ko momii ketik che mii kiwoto che kikitesi koitosiekab ketik</li> <li>4. Angot ko tesetaa keisiet kobaten olon isibi temik ng'atutikab ortinwekab kesisiet kou ole kikimwaita en koyonchinet ak GhG ak Makutikab Katuiyosiek che Mengenchen</li> <li>5. Angot kibete koristo amun kokitualtaen <b>Osnosiek</b> anan ko <b>Ketik</b> che meitos</li> <li>6. Angot ko ketikab TIST ko che sobtos kenysisiek 30 ak koba barak</li> <li>7. Angot kotebie ketikiok chebo TIST en ng'wony kenysisiek 30 ak koba barak</li> <li>8. Angot ko mi ng'oiyondit en tanisiekab TIST kochuchukak andn kobetyo</li> <li>9. Yuguk alak che kamwachi Verra ak CDM kole keyai</li> </ol> <p>Keere kola chigilik angot komii kelchinoik che nyorchingeer boriet en tetutionoton, Itontab emet ak en terchinosiekab itonwekab emet (CCB). Minetab ketikab kippaa ak baetab segemik ko toreti terchinosiekab itonwekab emet. Ingemin logoek, keyai Temisietab Ribetab Emet, ak keboisien koiwekab ma cheribe mat kondoo ole karaaran bororiet. Ingemiin ketik che chang che terterchin ko toreti missing itondab emet.</p>



<b>Kokoitoetab satifiket</b>	VERRA	<p>VERRA ko ichek che tononchin tetutikab aldaetab koristo en ndonyo nebo chametab chi. Boisien TIST ng'atutik che kitou VERRA.</p> <p>Satifiket nebo Verra ko koonu <b>Verified Carbon Units (VCU)</b> neiboru kele kikechigil koristo komie.</p>	<p>Oloon kakotar Chigilik chigilet ak Koyonchinet koibe logoiyot kwo Verra. Ko koonu Verra Tetutikab Koristo ak Satifiket asikochoomchi koalda tanisiekab koristo en ndonyo. Angot komaisulta Koyonchinet ak Chigilisiet en tetutietab koristo, ko mokoonu Verra satifiket ako kou noton ko moimu che kotestal tetutionoton en ndonyo nebo koristo.</p>
<b>Kamartaet ak Oldoisiet</b>	CAAC	<p>CAAC ko yoe kamartaetab Kebeberwekab Koristo Ne Kikechigil ne noton ko <b>Verified Carbon Units (VCU)</b></p>	<p>CAAC ko yoe kamartaetab Tanisiekab TIST. Olon kokinyoru walutik chemi barak, ko numnyumitu en CAAC komarta Tanisiekab TIST.</p> <p>Kora, olon tesentaa temik boisionik cheu Temisietab Ribetab Emet, Koiewekab Ma che Ribe Mat, moingonikab segemik, Logoek, Mologenik, Amituakikab Kiyagik, koboto boisionikab barnotik, Kwonyik en Kandoinatetab TIST, ko wendi barak olietab Tanisiekab TIST en ndonyo ak kwo barak oliet ne nyu temik.</p> <p>Olon kakiyai boisiet ne ya ako momi logoiwek che keribe ak kikoitoi ng'alek chebo lembech, kooname olik komekoyanech en TIST. Kooname kocheng'e tanisiek en komoswek alak. Kiibete olietab ndonyo ako mokitesetaa en ndonyo nebo koristo kogeny. Ongeistoengee iniito!</p> <p>Kou noton k obo komonutiet en chi tugul netinyegee ak TIST korib <b>Makutik che Miach chebo TIST – Kebunchi Imanit, Komakichilil Kiy, Keigun chetogunotin, Keigun tugul Cheribe Tuguk Tugul, Keigun Kiboitnikab agetugul, Ketet keboisien rabisiek che tutigin asi kenyorun Walutik che mi Barak.</b></p>
<b>Pjeitaetab Pjeutikab Melekweek</b>	CAAC		<p>Ingobotoitoo Aldaetab tanisiekab Koristo en Kenyitab Boisietab Rabisiek (Kenyitab boisietab rabisiek en CAAC kong'eteen tarikit 1 arawetab Epeso (10) kenyit ne taa akoi arawetab Buret (9) tarikit 30 kenyit neisibu), koyae CAAC koitosiekab Pjeutikab Melekweek kou oleisibu: Korogutiet: .</p> <p>Tanisiek Tugul chebo Koristo ..... XXX Keisto Che kokiboisien Tugul..... XX Keisto Aisurut = Melekweek .... XXX</p> <p>Rabisiek che kiboisien en Tetutiet ko cheu Lipanosiek chebo taa, chebo Koitosiek, chebo Konetisiet, chebo Koyonchinet ak Chigilisiet, Kamartaet, Tuiyosiek, ak Melekweek ak alak. Oloon kakenyor Melekweek, ko nyoru temik kebeberta 70 en 100 (70%) ak kong'eti CAAC kebeberta 30 en 100 (30%).</p> <p><b>Kaikai kero: TIST ko moteeben rabisiek anan ko lipanosiek alak tugul temik: Chebo siretabgee, Konetisiet, Koitosiek, GhG, Mazingira Bora ko tugul ko liponi CAAC. Kitile rabisiechu tugl en betut ne kiyoe koitetab melekweek. Mat ilipan kiy en chi age tugul!</b></p>
<b>Lipanosiek koityi Katuiyosiek che Mengechen</b>	Kiboitiotab Isasamet		<p>Yeibata keyoe isabu chebo melekweek, ko nyoru vochaisiek Katuiyosiek Che Mengechen tugul che kiityi magutikab Pjeutikab Melekweek.</p> <p><b>Keero: Olekiitindo kenyor Pjeutikab Melekweek.</b></p> <ol style="list-style-type: none"> <li>1. Katuiyeng'wong' ne Ming'in ko nyolu keyochi koitosiek en kasartab boisietab rabisiek nebo CAAC ( tarikit 1 arawetab Epeso (10) kenyit ne taa akoi arawetab Buret (9) tarikit 30 kenyit neisibu).</li> <li>2. Katuiyeng'wong' ne Ming'in ko nyolu kotindoo Logoiwek chebo Kiwotosiek.</li> <li>3. Katuiyeng'wong' ne Ming'in ko nyolu kokikonde siyet koyonchinet ak GhG ak kiyokto en website nebo TIST.</li> <li>4. Katuiyeng'wong' ne Ming'in ko tomo kobeet Tanisiek en tiletab ketik anan ko en yautik alak.</li> <li>5. Your Small Group has not lost Tonnes either through harvest or any other causes.</li> <li>6. Katuiyeng'wong' ne Ming'in kosibi Makutik che Miachen chebo TIST tugul.</li> </ol> <p><b>Tuiyetab Lipanosiek: Tuiyetab Lipanet nebo Taa.</b></p> <p>Olon kakechob vochait ne taa, ko ibu Kiboitiotab Isasamet akoi Tuiyet ne Taa nebo Isasamet. Katuiyet ne Ming'in ko nyolu koyogto membaek che momi ng'wony en 2 konyongoib vochait. Yeibata tuiyet, ko tete tuiyet membaek che koibe vochait ak membaek alak chebo katuiyet ne ming'in. nyolu kong'alalen vochait noton ak koyonchin ole kilipontoo ak konde siyet yon kakoyonchin. Angot ko maoyonchin, ko wegtoo vochait kwo tuiyetab Isasamet ako iyogtoo Kiboitiotab Isasame logoiyot kwo Kandoinatetab Kansil (Leadership Council).</p> <p>En tuiyetab Katuiyet ne Ming'in, ko cheng'e membaek chito agenge ne ribe Mpesa (angot ko vochait ko mi rabisiek che mosire shilingisiek 30,000) asi konam rabisiek ne kata membaek iko. Nyolu ko noton ne nomchi iko rabisiek en Mpesa ko membayatab Katuiyeng'uong' ako nyolu ko kikiit ketikyik. Konyitenik, chorornok ak cheotubche ko mo membaekab katuiyeng'uong' ako mo kichimchin konam rabisiekab membaek en Mpesa.</p> <p>En yoton kora, katuiyosiek che Mengechen che tiny shilingisiek 30,00 ak kosir ko cheng'e membaek 3 che yote account en benkiak koik ichek che indo siyet olon kinemu rabisiek. Kou en Mpesa, ko membaek chebo iman KITYO chebo katuiyet ne Ming'in che kechomchin koik cheindo siyet. Konyitenik, chorornok ak cheotubche ko mo membaekab katuiyeng'uong' ako mo kichimchin koik cheindo siyet en benki.</p>



			<p>Keero: Membayat ne tononchin iko en Mpesa ko monyolu kotindoo fuliza en simoinyin anan ko lonsi agetugul cheito kotil rabsiek che chutu simoit. Kora ko nyolu kogeer rabsiek chemii en Mpea en simoinyuan korook kotomo kiyoki rabsiekab vochaisik asikomuch kochut rabsisik tugul.</p> <p><b>Tuiyosiekab Lipanet: Tuiyetab Lipanetab Oeng'</b>  Tuiyoni keyoe arawet agenge kokaibata kegonu vochaisiek. Nyolu kobwa Katuiyosiek che Mengechen tugul ak vochaisiek kokakinde siyet membaek TUGUL.  Ibwat ile, nyolu komii membaek che momi ng'uony en koitetab 2 en somok (2/3) en tuiyonoton. Kure Kiboitotab Isasamet Katuyosiek che Mengechen che tinye vochaisiek. Chigili inendet ng'alek tugul chebo Katuiyet ne Ming'in kou ole isibu:</p> <ol style="list-style-type: none"> <li>1. Voching'wong' k obo iman – kikigonu en arawet agenge ne kokosirto. Katuiyosiek alak koibu vochaisiek chebo keny che kikisiasan kele mekoboisie. Mo bo iman inoni.</li> <li>2. Kikonde siyet membaek tugul vochait.</li> <li>3. Ne nome rabsiek an Mpesa ak cheindo siyet en benki ko membaekab katuiyeng'uong' ako kikiit ketikuak.</li> <li>4. Sire Kiboitotab Isasamet ng'wlek tugul chebo Katuiyeng'uong' ne Ming'in ak kopjei ak biik cheliponi. Chigil komie ile kekoite nambaitab simoit ne noton. Chito ne kiyogyin en Mpesa ko nyolu kokoito kainutik tugul kou oleu en kipandenyin.</li> <li>5. Katuiyosiek che mi ng'uony en Ksh.30,00, kiyokyin en Mpesa koyob CAAC.</li> <li>6. Katuiyosiek che tinye che sire Ksh. 30,000 kesirchin chekit.</li> <li>7. Angoitu rabsiek ko nyolu komwochi membaek iko chito ne kokiyogyi en Mpesa anan ko biik cheindo siyet en benki asikomuch kopjei.</li> <li>8. Ibwat ile, Kiboitotab Isasamet ko ng'etu ak kebebriat nebo kel (ng'wony) nebo vochait ole koinde siyet membaek.katuiyet ne Ming'in ko ng'etu ak keberiat nebo barak ak korib en legunyuan.</li> <li>9. Katuiyosiek che maimuch kobwa tuiyet nebo lipanetab oeng' kikochin kasarta age en tuiyet ne isibu ako noton ko nebo let yeibata tuiyet amun kiisto vochainoton ak kokany akoi kenyit age neisibu en lipanetab vochaisiek alak.</li> <li>10. Bo komonutiet neo en Katuiyosiek che mangechen koitita tuiyosiekab Isasamet. <b>Ocheer en Betusiek Tugul!</b></li> </ol>
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## Tuguk che Kimokyingee en Katuiyet ne Ming'in.

<p><b>Makutik che Miach chebo TIST</b></p> <ul style="list-style-type: none"> <li>❖ Kii chebo Iman</li> <li>❖ Komakichilil Kiy</li> <li>❖ Keigun chetogunotin</li> <li>❖ Keigun tugul Cheribe Tuguk Tugul</li> <li>❖ Keigun Kiboitunikab agetugul</li> <li>❖ Ketet keboisien rabsiek che tutigin asi kenyorun Walutik che mi Barak.</li> </ul>	<ol style="list-style-type: none"> <li>1. Nyolu komii biik 6 akoi 12 en katuiyet ne ming'in ako chebo korik che terchin che momi ng'wony en 3.</li> <li>2. Katuiyet age tugul ko magat kosib Makutik che Miach chebo TIST.</li> <li>3. Membaek chebo Katuiyet ne Ming'in ko nyolu kotuiyo tugul en wkikit agetugul koboisien Ortinwek chebo Boisiet chebo Kotuiyosiek che Mengechen chebo TIST ak kopjei kobwotututik ak kotet boisienyuan. Membaekab Katuiyet ne Ming'in ko nyolu koba konetisietab TIST asi kotoret koteech ak kopjei Makutich chemiach chebo Boisiet koboto Katuiyosiek che Mengechen alak chebo TIST.</li> <li>4. Mebaek tugl chebo Katuiyet ne Ming'in ko magaat konde siyet Koyonchinet ak Greenhouse Gas ak konoisechi Kandoinatetab TIST yon bokogtoo Katuiyosiek che Mengechen mbaret anan yon chutu membaek che lelach Katuiyet ne Ming'in, anan ko olon kakimiin timto age.</li> <li>5. Membaekab Katuiyet ne Ming'in ko nyolu koobor baornatet ne iboru kele nenyuan mbaret anan ko tindoo chomchinet en ole minnchin ketik anan ko ole kikominchi ketik anan ko ole mi ketikab TIST.</li> <li>6. Katuiyet age tugul ko nyolu komin ketik 500 en kenyit age tugul en kenyisiek che momii ng'wony en 3.</li> <li>7. Katuiyosiek che Mengechen ko nyolu kotet kotoo Isasamet. Isasamet ko tou katuiyosiek 30 akoi 50 che mii ole kimuche keba ak keldo akoi age tugul. Isasamet ko nyolu kotindoo mbaret ne mo roru en kenyisiek 2 yechut TIST asi komiin ketik 4000 (cheite hektainik 160).</li> <li>8. Asi komuch katuiyosiek che mengechen koityi makutikab aldaetab koristo, ko nyolu koriib ketik en kenyisiek 60 anan kosir, kobaten kityo olon isibi youtik che miach chebo minstab ketik che kioldoo. En nguni, ko Ortinwek che Miach ko en kenyisiek 10 kokakimiin ketik komuche Katuiyet ne Ming'in kotil ketik 5% che kikimiin en osnet age tugul anan ko en mbaret.</li> <li>9. Clean Air Action Corporation (CAAC) koite ketikab TIST ak kobiman koristo ne kikitabaan kialda ak kolpan temik dolaisiek 0.02 (US \$0.02) en ketik age tugul ne sobe en kenyit age tugul koteen komii koyonchinetab GhG. CAAC kora ko wole koristo koik rabsiek ak kolipan katuiyosiek che mengechen 70% en melekweek che kokinyo en aldaetab koristo.</li> <li>10. Katuiyosiek che Mengechen chebo TIST ko mgaat komin ketik che komeiyo en kasarta age tugul en kenyit ege tugul en kenyisiek che momi ng'wony en 5.</li> <li>11. Ketik che bukonok anan ko chon mii ng'otwa (che moite mitaisiek 2 en tororindo) ko mkiite koik ketikab TIST.</li> <li>12. CAAC koite kityo ketik cheon kikimiin en kokwoutik cheite keliek 2 (2m). ketik che kikimiin koriyigee che moite keliek 2 kimuche ketil koik kwenik anan koik amituakika kiyagik.</li> <li>13. Ketik alak tugul chon imuche kong'em emet ko mokiite en TIST cheu ketikab kiplugam.</li> </ol>
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