



**SAME/MWANGA ENVIRONMENTAL CONSERVATION ADVISORY ORGANISATION.  
(SMECAO FUND)**

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**2015/2016 PROJECT IMPLIMENTATION REPORT**

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**SUBMITTED TO:**

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**NAME OF THE PROJECT:** Uwezo Project: Improving community Livelihood through Climate care, Income generation, Gender-Justice and Home-based care for HIV/AIDs.

**TARGET AREA:** Kisiwani, Vudee and Kihurio Ward.

**PROJECT DURATION:** October 2013 to September 2016

**PROJECT FUNDED BY:** Bread For the World-Protestant Development Services Germany (BfW/PDS)

**REPORTING PERIOD:** October 2015 to September 2016

S/N	Planned Activities	Implemented Activities and Output
1	Organize and conduct training to 9 Mkombozi Stove Trainers of Trainees to construct 750 Mkombozi Stove.	3 days trainings to 9 Mkombozi Stove trainers of trainees were trained in Kisiwani Ward and total of 520 Household Mkombozi Stoves were constructed.
2	Organize and facilitate Farm field days for 135 farmers for 5 days to 5 villages of Vudee and Kisiwani wards.	5 field days were conducted to 135 (78 Fe & 57 male) from 5 villages in 2 wards of Kisiwani and Vudee wards.  135 farmers (21 being PLHIV and FHH) of Vudee and Kisiwani wards applied best farming practices, 75 farmers among them applied the use of Mapambano composite manure.
3	Facilitate 1 day training on alternative medication (herbal) and exchange visit for learning for 60 poultry keepers from Kisiwani Ward	60 poultry keepers with knowledge on alternative medication i.e. the use of herbal trees for treating poultry viral and bacterial disease.  48 poultry keepers applied the use of alternative medication for poultry diseases such as the use of <i>Cactus</i> , <i>Euphorbiato</i> , <i>Aloe Vera</i> , papaya tree leaves and Nimtree or Mwarubaini tree to treat <i>Coccidiosis</i> , <i>Coryza</i> , <i>Fowl Cholera</i> and <i>Newcastle viral</i> diseases
4	Facilitate 3 practical training for 9 days on beehive making and developing 3 demo plots for beekeeping to 3 producer groups in Kisiwani and Vudee Ward	3 practical training for 9 days on beehive making and developing 3 demo plots for 3 beekeeping groups in Kisiwani and Vudee Ward was conducted.  A total of 35 Modern Beehives were made by 3 groups in Njiro-Kampimbi group and Mkombozi Group In Ndolwa Village.

5	Organize and facilitate 1 day training on packaging and branding for Mkombozi Beekeeping group of Ndolwa Village and linking the group with Tanzania Forest Fund for handling the project over to the group	<p>1 day training on packaging and branding for 18 Mkombozi Beekeeping group of Ndolwa Village and linking the group with Tanzania Forest Fund was conducted and the project was handled over to the group</p> <p>Mkombozi Group acquired 5 Million Tshs funding from Tanzania Forest fund to assist on packaging and branding of their honey products and now they are operating as a CBO's with minimal SMECAO facilitations</p> <p>50 containers for honey packaging were purchased in Moshi by Mkombozi Group and they also printed branding ribbons from Same for piloting profitability of packaging and branding of honey.</p>
6	Facilitate 1 learning visit for 20 producers of poultry in Kisiwani Ward	<p>1 learning visit for 60 poultry keepers from Kisiwani to Same town was conducted with assistance from John Kanuti, Ward Livestock Officer.</p> <p>60 poultry keepers with skills on improved poultry keeping</p>
7	In collaboration with district councils conduct survey and registration on farms holders in 6 villages for 50 household in Kihurio and Vudee Wards	56 people are aware of the land registration process and related benefits in Vudee
8	Organize and facilitate training to 5 Para legal's from 3 wards.	<p>Training for 5 Para legals were conducted.</p> <p>5 paralegals with knowledge on land laws, human right, criminal laws, civil laws, probate, family law and teaching methodology.</p>
9	Facilitate 3 days training on primary health care skills and technologies to 162 primary schools teachers and pupils (TOT) in Kisiwani Ward	<p>3 days training on primary health care(intestinal diseases &amp; WASH technologies) conducted in Kisiwani wards and involves 5 primary schools number of participants being 162 pupils (64 boys 98 girls) and 26 teachers</p> <p>14 tippy taps installed in 5 schools and 316 tippy taps installed and used at HH level as a result of Students transferred knowledge to their Households</p>
	Facilitate 3 days training 32 PLHIV & care takers in 5wards on improved sanitation (Hand wash and Water treatment) to reduce	32 PLHIV & 32 care takers (21 M, 43F) in Kisiwani wards attended and trained improved sanitation (Hand wash and drinking water

	waterborne diseases as one of opportunistic diseases.	treatment technologies) to reduce waterborne diseases as one of opportunistic diseases.  32 households of PLHIV adopted technologies of tippy taps for hand wash and SODIS for water treatment after been trained.
10	Facilitate end of the project evaluation in 3 wards of Vudee, Kihurio and Kisiwani	End of the project evaluation was conducted as planned. Report produced and exit strategies for phasing out developed for Vudee and Kihurio Wards.

**NAME OF THE PROJECT:** Mabilioni Energy Model Village

**TARGET AREA:** Mabilioni Village.

**PROJECT DURATION:** 1<sup>st</sup> March 2015 to September 2017

**PROJECT FUNDED BY:** World Wide Funding for Nature (WWF Tanzania)

**REPORTING PERIOD:** October 2015 to September 2016

S/N	Planned Activities	Implemented Activities and Output
1	Organize and facilitate project orientation to stakeholders on project mode of implementation.	<p>9 Same District Council heads of department, 6 NGO's in Same, 8 SMECAO Board Members, 5 Mabilioni Village government officials, 1 TANESCO representative and District Commissioner Representative's have knowledge on project mode of implementation.</p> <p>Same District council officials were helpful ensuring that the project is successful implemented by taking measure in finding resolution to Mabilioni political crisis situation</p>
2	Facilitate baseline activity for developing preliminary situational analysis	Baseline report was produced portraying pre-intervention situation for measuring changes and developing M&E worksheet
3	Organize and Facilitate 34 sub village meetings for project orientation and introduction of Mkombozi Fuel Efficient stove at sub village level and identification of 34 Mkombozi Stove TOT's	<p>A total of 343 adult community members with the knowledge on the importance of using Mkombozi Fuel Efficient Stoves as alternative cooking technology</p> <p>From the Sub villages trainings at total of 34 TOTs (Female 17 and Male 17) were selected by the community based on criteria's needed for the Mkombozi Stove TOT's.</p>
4	Organize and facilitate 1 theoretical, 33 practical trainings for 34 TOT's on construction and repair of household Mkombozi stove in Mabilioni and Chekereni Villages	34 Mkombozi Stove TOTs had 1 day of theoretical training, 33 days of practical trainings for 11 sub villages and 10 days of mentoring from 3 SMECAO local Artisans.

		From the practical trainings 494 hh Mkombozi Fuel Efficient stoves were constructed out of 694 hh in totals, reaching 64% of the target HH. While 4 Institution Mkombozi Fuel Efficient Stoves i.e. in schools and religious centers and food vendor centers were constructed
5	Conduct pre- intervention meeting with Mabilioni government official before installation of household home solar system in Chanika, Mabilioni A and B sub villages.	<p>1 meeting on solar project inception was conducted with Mabilioni village officials at village and sub village level in clarifying implementation model.</p> <p>It was agreed that mass awareness meeting for 3 sub villages (of Chanika, Mabilioni A and B) that the project will be implemented should be organized and conducted. It was also agreed that, 10 household from each sub village will be selected for solar installment.</p>
6	Conduct 3 sub village (Chanika Mabilioni A and B) meeting for building up community understanding on solar uses and management.	<p>3village mass awareness meeting on building up community understanding on solar uses and management was carried out with total of 203 adult attendances. Term of reference on the ownership of home solar system with the community was developed.</p> <p>It was agreed on conjointly that the management of home solar system will be solely of the house owner.</p>
7	Facilitate installation of 45 home solar systems in Chanika, Mabilioni A and B Sub villages.	<p>45 Home solar systems were installed in 3 business centres and 27 household from 3 sub villages. The home solar system with 30W solar PV panel has the capacity of lighting up 4 bulbs, charging a phone and operates a radio.</p> <p>By installing 30 home solar system, SMECAO have reached 75 % of the project target</p>
8	Conduct pre intervention meeting with Mabilioni Village government officials before installation of the solar pump	<p>3 pre -intervention meetings were held with Village council meeting, village general meeting and farmer’s meeting.</p> <p>Meeting with the Village council was held to develop early</p>

		<p>understanding of project activities implementation approach including ownership of the project, how will the project operate and community cash and in-kind contribution during project intervention.</p> <p>The output of the Village Council Meeting was agreement that</p> <ul style="list-style-type: none"><li>- The whole solar water pumping system will be owned with the Village Government Council and the system will be constructed and installed directed to the village farms that will be leased to the villagers for 10,000 Tshs per acre.</li><li>- The costs for payment for using solar pump water irrigation system will be 50,000Tshs per season</li><li>- Contract of agreement will be developed between SMECAO and Mabilioni Village Government whereby it will address who will own the system and how the system management will be that including the land leased to villagers, how the percentage that will remain at village as a fee of using solar pump water irrigation system will be managed and used.</li><li>- Village government contribution in contracting security guard house at the project site and was agreed by 10 July the house will be contracted</li><li>- The agreement that Mabilioni village government is responsible for security of solar pump water irrigation system installed in Kidundai Sub Village</li><li>- Also there will be a contract of agreement between the Village Government and Community (Farmers) on how land lease and usage solar pump water irrigation system will operate.</li></ul> <p>The output from the meeting with farmers was to get a knowhow of how irrigation system in Mabilioni operates.</p>
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		<p>Acquiring feedback from farmers how should the systems be installed and distributed to the 30 acre farm in relation to topology and soli structure of the area.</p> <p>The presence District Irrigation engineer was an added bonus during the initial stage of system installation by providing estimated amount of water that will be used per acre and type of irrigation system to be used.</p>
9	Facilitate installation of solar irrigation system for 30 acres of land for cultivation in Kidundai Sub Village in Mabilioni Village	<p>1 water tank with 1000 litres, solar pump, controller, pipes and 2solar panel were purchase, and solar water pumping system was installed at Kidundai sub village.</p> <p>The contracted solar pumping system has the capacity of pumping 3000liters of river water per 3 ½ hours and has the capacity to irrigate 30 acres of land that will be distributed to 30 farmers</p>
10	Conduct training to VIKOBA group and linking them with Financial Institution for procuring loans for purchasing solar equipments	<p>12VIKOBA group with members 240 members (78 Male, 162 Female)trained on principals of VICOBA that includes</p> <ul style="list-style-type: none"> <li>- Safe management of members contributions</li> <li>- Membership benefits</li> <li>- How to divide shares benefits at the end of the term</li> <li>- Access loans from the banks through VICOBA</li> <li>- VIKOBA registrations procedures</li> <li>- Linking VICOBA with Mwangi Community Banks for getting loans from GCS company through Mwangi Community Bank</li> </ul> <p>As the result:</p> <p>3 VICOBA groups were registered at District level and 2 achieved to open a Bank Account at Mwangi Community Bank to access loans from the Bank.</p> <p>15 group members from different VICOBA groups opened individual Bank accounts</p>



11	Train 2 groups on drip irrigation and procurement of drip irrigation equipments for installation for irrigation system at Kidundai Sub Village.	<p>2 groups with 12 members (6 each) were trained on drip irrigation. Trainings include topics such as:</p> <ul style="list-style-type: none"> <li>- Improved production of commercial crops to increase income by drip irrigation</li> <li>- Purchase of Drip irrigation systems and instalment</li> <li>- Plant management in Drip irrigation farm</li> </ul> <p>Procurement of drip irrigation system equipments</p> <ul style="list-style-type: none"> <li>- PVC hard pipes 2.5 inches</li> <li>- Drip pipes/stream lines 16 mm</li> <li>- Water timer</li> <li>- Jest Valves 2.5inches</li> <li>- Sub main pipes 1.25 inches</li> <li>- Drip irrigation water filter 1.25 inches</li> <li>- PVC connectors of 2.5 and 1.25 inches</li> <li>- PVC elbows of 25inches and 1.25 inches</li> <li>- GS nipples and Bagnut of 2.5 inches</li> <li>- Poly pipe class "A" 1 inch</li> <li>- PVC – glue 250gms</li> </ul>
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**NAME OF THE PROJECT:** Mhezi and Mshewa Ward Beekeeping Project For Biodiversity Conservation of Kwizu Local Authority Forest Reserve, Same District – Kilimanjaro Region

**TARGET AREA:** Mhezi and Mshewa Wards.

**PROJECT DURATION:** August 2013 to July 2014

**PROJECT FUNDED BY:** Tanzania Forest Fund

**REPORTING PERIOD:** October 2015 to September 2016

S/N	Planned Activities	Implemented Activities and Output
1	Procurement and sitting of 62 bee hives for 4 groups (16 Beehives per group)	With assistance from District Beekeeping Officer (Nandi Rupia) 35 beehives were purchased, distributed and installed by 4 beekeeping groups in Mshewa and Mhezi Wards. 3 groups were given 9 beehives and 1 group 8 beehives.
2	To purchase and distribute beekeeping protective gears, honey pressing machines and other honey related equipments to 4 beekeeping groups	Beekeeping protective and honey processing machines were purchased as follows: <ul style="list-style-type: none"><li>- 8 overalls (two per group)</li><li>- 8 beeveils (two per group)</li><li>- 8 Hand gloves (two per group)</li><li>- 8 gum boots pair (two per group)</li><li>- 8 beesmokers (two per group)</li><li>- 4 honey pressing machines (one per group)</li><li>- 4 honey sieves (one per group)</li><li>- 4 Brush (one per group)</li><li>- 8 straw hats (two per group)</li></ul> All purchased equipments were distributed to the group as planned.
3	Undertaking Monitoring of the project activities	3 Monitoring visits were conducted for assessing and verifying distributed equipments and installation of the beehives in collaboration with District Beekeeping Officer.

**NAME OF THE PROJECT:** Conservation of Makanya canyon through tree planting and development of village tree nursery project

**TARGET AREA:** Makanya Village

**PROJECT DURATION:** 10<sup>th</sup> August 2015 – 15<sup>th</sup> June 2016

**PROJECT FUNDED BY:** MJUMITA ECOPRC Project.

**REPORTING PERIOD:** October 2015 to September 2016

S/N	Planned Activities	Implemented Activities and Output
1	Organize and facilitate orientation meeting with 7 VEC members and 15 members of School Environmental club on establishment of tree nursery and tree planting along Makanya canyon	Orientation meeting with 7 VEC members and 15 members of School Environmental club was conducted on establishment of tree nursery and tree planting along Makanya canyon  An average of 26 target groups with knowledge and familiar with project mode of implementation
2	Travelling to Moshi and Lushoto for purchasing of tree nursery inputs, 5 watering canes, 3 kg of tree seeds and 5 kg of polythine for establishing village tree nursery at Makanya Sec School.	A total of 5 watering canes, 5 kg of polythine tubes and 14 <sup>1</sup> / <sub>3</sub> kg of tree seeds of Acacia Nilotica, Albizia Lebbeck, Cedreia Odorata and Senna Siamea were purchased.
3	Facilitate 5 day theoretical and practical trainings on tree nursery development for 15 environmental club members and 9 Village Natural Resource and Environmental committee	Achieved to facilitate 1 day of theoretical and 4 days practical trainings on tree nursery establishment and management involving average of 26 people (Day 1: 30 people, 19 Fe & 11 Me, Day 2: 27 people, 15 Fe & 12 Me, Day 3: 25 people, 14 Fe & 11 Me, Day 4: 25 people, 14 Fe & 11 Me, Day 5: 25 people, 14 Fe & 11 Me).  Participants were trained on tree nursery development and management i.e. soil ingredients, collection and mixing at 3:2:1 ratio, types of tree nursery, tree seeds preparation, seed sowing, watering, root pruning, hardening, preparation and planting of tree seedlings.  On day 2 to 5, involved practical training of polythine tubes cut

		<p>out, collecting soil ingredients, soil mixing at 3:2:1 ratio, soil mixture filling up, watering, seed preparation of different seed type and tree seeds sowing for 2000 polythine tubes.</p> <p>Also Village tree nursery with 2000 tree seedlings was developed at Makanya Sec School. And Makanya Sec School environmental club with 17 members was developed</p>
4	Facilitate purchasing of 1000 tree seedlings and 3 days planting of 500 tree seedlings at Makanya Sec School surroundings	<p>1000 tree seedlings from Mwangi District, at Natural Resources Offices tree nursery were purchased.</p> <p>Moreover, on day 2 trees planting preparation activity was carried out at Makanya Sec School involving hole digging of 1 m and planting of 240 tree seedlings while remaining 760 will be planted on 2<sup>nd</sup> funds installment along Makanya canyon and Makanya Sec School surrounding. The 260 tree seedlings planted around Makanya Sec School are Senna Siamea 100 seedlings, Azadirachta Indica 158 seedlings and 2 Manglefera Indica tree seedlings</p>
5	Facilitate planting of remaining 760 tree seedlings along Makanya Canyon and Makanya Sec School	<p>This activity involved Village Tree planting Campaign, that was organized by the Makanya Village government where by all community members were involved in tree planting activity as village initiative. Thus 500 tree seedlings were planted at Makanya Canyon and 398 tree seedlings were planted in Makanya Sec School.</p> <p>Had to purchase extra 500 tree seedlings specifically 150 Acacia Nilotica, 200 Azadirachta Indica and 150 Tamarindus Indica that were planted along Makanya Canyon since all purchased tree seedlings from the 1<sup>st</sup> installment died as the school was closed during December break</p>
6	Facilitate application of alternative watering of tree seedlings planted	<p>This activity went hand in hand with Village tree planting campaign that took 3 days to finalize as it was implemented per sub villages.</p>

		7500 used bottles of water with 1.5 liters were purchased then used as drip irrigation for the trees planted along Makanya Canyon.
7	3 field visits for monitoring implemented activities	2 field visits for monitoring implemented activities were conducted by the management for assessing value for money of the immediate results of the implemented activities.

**NAME OF THE PROJECT:** Mkombozi efficiency stoves for conservation of Vumari forest project

**TARGET AREA:** Vumari Village

**PROJECT DURATION:** 10<sup>th</sup> August 2015 – 15<sup>th</sup> June 2016

**PROJECT FUNDED BY:** MJUMITA ECOPRC Project.

**REPORTING PERIOD:** October 2015 to September 2016

S/N	Planned Activities	Implemented Activities and Output
1	Organize and facilitate introduction meeting with 7 village government members and 12 Natural resources committee members	Meeting conducted 12 Natural resource committee and 9 village government members understand project form, purpose and implementation the meeting agreed to select 7 NR member and 5 from sub villages
2	Organize and conduct 6 sub village meetings to sensitize forest conservation through construction and use of Mkombozi efficiency stoves	6 sub village mass sensitization meetings on importance of using Mkombozi Fuel Efficient stove as a tool towards Vumari forest conservation initiative were held with attendance of 124 males 52 female 72. The community agreed to participate fully through in-kind contribution i.e. collecting building materials for stove (6 buckets of mud, half wheelbarrow of metamorphic rocks, 4 water buckets and 25 bricks for constructing chimney)
3	Conduct one day theoretical training for construction of Mkombozi stove	12 members of natural resources committee acquitted with Mkombozi Fuel Efficient stoves construction knowledge and skills

4	<p>Conduct 22 practical trainings to Natural resources members committee on construction of Mkombozi stoves</p>	<p>20 days practical training on construction of Mkombozi Energy Saving Stoves were conducted to 12 Natural Resources Committee members, the training was done into group of 3 people.</p> <p>12 pairs of moulds were molded and distributed to 12 TOT's. As the result of practical training a total of 37 Mkombozi Stoves were constructed. Furthermore, to date 350 Mkombozi Energy Efficient Stoves constructed .</p> <p>It has been proven that the energy technology switch from traditional 3 figure stove to Mkombozi fuel efficient stoves, fuel wood consumption is reduced from 15m<sup>3</sup> to 7.65m<sup>3</sup> per day per household. Thus, by the use of Mkombozi fuel efficient stove 350Households have reduced fuel wood consumption from 5,250m<sup>3</sup> to 2,677.5m<sup>3</sup> per day. This has been the immediate benefits proclaimed by the community were fuel wood consumption has been reduced by a half compared to previous type of cook stove used.</p> <p>Women have openly testified that the stove have reduced their workload and provided them ample time to engage in other activities. The stove did reduce their workload by number of route to fetch fuel wood from 3 or 2 route to only 1 route per week but also store heat form burnt wood for long time thus it is easier to light up the wood again later.</p>
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**NAME OF THE PROJECT:** Scaling Up Women Energy Access through Commercialization Of Mkombozi Fuel Efficient Stoves for Biodiversity Conservation of Chome Nature Reserve-Same District

**TARGET AREA:** Msindo and Mbakweni Villages

**PROJECT DURATION:** April 2016 to September 2016

**PROJECT FUNDED BY:** Eastern Arc Endowment Fund (EAMCEF)

**REPORTING PERIOD:** October 2015 to September 2016

S/N	Planned Activities	Implemented Activities and Output
1	Organize and facilitate 42 demonstration trainings to group members on making and use of Mkombozi efficient stove	40 demonstration trainings on making and use of Mkombozi efficient Stoves were conducted to 2 women groups of 40 TOTs, the result of demonstration training a total of 43 Mkombozi Stoves was constructed in 2 village of Mbakweni and Msindo.
2	To facilitate making of 500 Mkombozi efficient stove to 2 villages	40 trained TOTs managed to construct 452 Mkombozi efficient stoves in 2 villages which reduces fuel wood consumption from 6,780m <sup>3</sup> to 3,457.8m <sup>3</sup> per HH per year.
3	To prepare and install awareness raising signboard for the project and EAMCEF	2 signboards for raising awareness on forest conservation through use of efficient stoves has been prepared and installed in Mbakweni and Msindo village
4	Follow ups and monitoring the performance and efficiency	Management and field officers conducted 16 Monitoring visits to Mbakweni villages found stoves are well functioning, 190 HH visited and TOT advised to conduct 1 monitoring visit per week to HH which uses efficient stoves to address challenges arises