



JOINT ENERGY AND ENVIRONMENT PROJECTS (JEEP)

ANNUAL PERFORMANCE REPORT

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Joint Energy and Environment Projects (JEEP)

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Contents

1.0. INTRODUCTION	2
1.1 JEEP's strategic objectives	2
2.0. MESSAGE FROM THE CHIEF EXECUTIVE OFFICER	3
3.0. EXECUTIVE SUMMARY	4
4.0. ACTIVITIES CARRIED OUT	4
4.1. KNOWLEDGE, ADVOCACY AND LOBBYING FOR THE BENEFITS OF RENEWABLE ENERGY AND CLIMATE CHANGE MITIGATION IN UGANDA PROJECT (KAL PROJECT)	4
4.1.1 Awareness Seminars for members of Parliament	5
4.1.2. Awareness Seminars for Head teachers and Health center In charges	5
4.1.3. Energy saving stoves	6
4.1.4. Tree Nursery Establishment	7
4.1.6. Sub county leaders and community awareness seminars in Mukono and Kamuli districts	8
4.1.7. Green Enterprises	8
4.2. ENVIRONMENT AWARENESS PROJECT	9
4.2.1. District Leaders Awareness seminar	9
4.2.2. EAP Partners training	10
4.2.3. Training of YLEC members	11
4.3. PROMOTION OF SOLAR ENERGY AND ENERGY SAVING STOVES IN SCHOOLS	12
4.3.1. Solar Lighting Systems	12
4.3.2. Energy Saving Institutional Stoves	13
4.4. GLOBAL CLIMATE CHANGE ALLIANCE: UGANDA AGRICULTURE ADAPTATION TO CLIMATE CHANGE PROJECT (GCP/UGA/041/EC)	14
5. THEMATIC DAYS AND EVENTS	15
5.1. World Environment Day	15
5.2. World Day to Combat Desertification.	16
5.3 World Food Day	17
5.4. Celebration of 10 years of JEEP folkcenter Establishment in Kyanja	18
6. ANNUAL GENERAL MEETING	19
7. NETWORKING AND STAFF TRAINING	20
7.1. Staff Trainings	20
7.2. Monitoring and Evaluation training workshop organised by Participatory Ecological land Use Management (PELUM)	20
8. PLANNED ACTIVITIES IN 2019	21

1.0. INTRODUCTION

Joint Energy and Environment Projects (JEEP) is an indigenous environmental Non Governmental organization founded in 1983.

JEEP's vision is "Safe environment for a sure future"

The mission is "To stop environmental destruction and promote efficient management of natural resources"

1.1 JEEP's strategic objectives

- To create awareness on the causes and effects of poor environmental management in urban and rural areas of Uganda.
- To mobilize Ugandans especially rural farmers, youth and women, to actively participate in better natural resource management.
- Informing Ugandans about alternative sources of energy to fuel wood users to enable them make a choice.
- Working together with other NGOs through networking and advocacy work in spearheading a better environment for human settlement

JEEP Governing Board



L-R, Mr. Badebye Paul, Eng Mutebi Ruth, Mr. Kibuuka Emmanuel, Ms. Namwanje Mary, Dr. Bawubya Maria, Bishop Mutebi Hannington, Dr. Ssekamate Ben.

2.0. MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

JEEP is working very closely with the government, local and international partners towards sustainable environment management. It's our right to breathe fresh, clean air. The indoor air pollution is on the increase, large suffocating sums of carbon dioxide emissions are killing thousands of people; it's therefore every one's role to use technologies that contribute to healthy environment for all.

JEEP's activities therefore are gearing at getting rid of indoor air pollution especially in the poor communities; the training of domestic stoves that give no smoke in the kitchen, the use of solar lamps are examples of smoke free environment. JEEP's training of people in tree nursery establishment doesn't only add to conservation but is also an income generating for those poor people. As long as people learn to attach value to environment activities, we shall realize a great impact in fighting climate change. JEEP is also engaging the youth in environment awareness training. This is one way the young people in Uganda who are 78% of the population will enable them attract fellow young people to conserve the environment and also benefit economically.

JEEP's efforts to encourage and construct institutional stoves and solar systems in schools is another way to combat climate change impacts and school population helps much in information dissemination. What JEEP wishes to see is the policy/law enforcement in this regard. Thanks to a unique JEEP board of directors who participate in JEEP's community mobilization and monitoring with voluntarism and with passion. Our Motto is "together we can make a change".

3.0. EXECUTIVE SUMMARY

2018 has been an interesting year and busy year for JEEP, a number of projects and activities were carried out, these include Knowledge, Advocacy and lobbying for the benefits of renewable energy and climate change mitigation project in Uganda, the Environment Awareness Project, the Global Climate Change Alliance Project in the central cattle corridor, Promotion of solar energy and energy saving stoves in schools, World Environment Day, World Food day, World day to combat desertification, 10 years celebration of JEEP Folkecenter establishment in Kyanja, Kawempe division, Annual General Meeting, Networking and staff trainings. JEEP appreciates donors and friends for continued support

4.0. ACTIVITIES CARRIED OUT

4.1. KNOWLEDGE, ADVOCACY AND LOBBYING FOR THE BENEFITS OF RENEWABLE ENERGY AND CLIMATE CHANGE MITIGATION IN UGANDA PROJECT (KAL PROJECT)

This project carried out by Joint Energy and Environment Projects in partnership with the Nordic Folkecenter for Renewable Energy in Denmark,

The goal of the KAL project is to create extensive public awareness and knowledge for the benefits of renewable energy and climate change mitigation at all levels of society in order to increase the level of sustainable rural communities through implementation of environmental conservation practices like energy saving stoves, tree planting and access to renewable technologies such as solar use.

A number of activities were carried out in 2018 and these included

4.1.1 Awareness Seminars for members of Parliament

29 members of parliament i.e. 17 male and 12 female from the districts of Arua, Amuria, Tororo, Apac, Kamuli, Kalangala, Kasese, and Mpigi attended the awareness seminars, the seminars intended to inform the leaders about the importance of mitigating climate change and to support JEEP's efforts by ensuring enforcement of environmentally friendly policies, in addition the members of parliament were requested by JEEP to pass and set up more environmentally friendly policies, Two seminars were conducted one took place on the 26th of May at the Parliamentary building in Conference room C. and another one on the 14th of July at Imperial Royale Hotel in Kampala City



Photo 1: Members of parliament during the awareness seminar

4.1.2. Awareness Seminars for Head teachers and Health center in charges

127 head teachers 96 male and 31 female were sensitized about use of renewable energy sources like solar and energy saving stoves in schools, institutions and 96 health center in charges, 63 male and 33 female were sensitized on the dangers of indoor air pollution resulting from the use of kerosene lamps and inefficient energy saving stoves that product dangerous smoke leading to

respiratory infections like lung cancer, asthma and pneumonia among others. The participants came from the districts of Kasese, Arua, Tororo, Apac, Mpigi and Kamuli.



Photo 2. Head teachers seminar in Kasese district

4.1.3. Energy saving stoves

287 Training of Trainers, 173 male and 144 female from the districts of Kasese, Arua, Tororo, Apac, Mpigi and Kamuli were trained on how to construct household energy saving stoves and were to disseminate the knowledge learnt in their communities, JEEP conducted a follow-up on the trained ToTs and found out that 288 stoves had been constructed



Photo 3. A Lady using an energy saving stove in Kamuli district

4.1.4. Tree Nursery Establishment

17 tree nursery attendants were trained by JEEP in skills of setting up and maintaining a tree nursery these were from the districts of Kasese, Arua, Tororo, Apac, Mpigi and Kamuli, 15 tree nurseries were later established in the same districts



Photo 4. Tree nursery bed with a shade net constructed in Ogoko Sub County, Arua district.

4.1.5. Follow- up on district and sub county leader's commitments

JEEP carried out a number of follow ups to find out how far the leaders had gone about fulfilling their commitments during the awareness seminars, the leaders had promised and committed themselves to carry out awareness seminars, establish environment committees, celebrate environmental thematic days like World Environment day etc.. Follow-up visits were carried out in 6 districts of Arua, Mpigi, Tororo, Kasese, Kamuli and Apac, in total 296 leaders, i.e. 233 male and 63 female were interviewed.

4.1.6. Sub county leaders and community awareness seminars in Mukono and Kamuli districts

JEEP sensitized sub county leaders and community members in Mukono district about the KAL project i.e. effects of climate change and the importance of conserving the natural resources, the participants came from 10 sub counties of Kyampisi, Nabbale, Nama, Mpunge, Nakisunga, Kimenyedde, Ntenjeru Ntunda, Nagojje and Kasawo. 202 sub county leaders, 112 male and 90 female and 1251 community members, 662 male and 589 female were sensitized.

JEEP conducted community awareness seminars and sub county leaders seminars in 3 sub counties of Kamuli district which are Bugulumbya, Kitayundwa and Kisozi sub counties. These were added to the 10 sub county leaders and community seminars conducted in 2014.

Altogether 70 sub county leaders were sensitized and these included 51 male and 19 female, 707 community members were sensitized i.e. 410 male and 297 female

4.1.7. Green Enterprises

As one of KAL's main objective to Promote Green Enterprises benefits by raising awareness of business opportunities linked with environmental conservation practices through training. e.g. in tree planting and basic business skills. 10 entrepreneurs, 4 from Mpigi district, 2 from Kasese district, 2 from Mukono district, 1 from Arua district and 1 from Tororo district altogether sold

282 Eco solar sun king lamps, 9 sun king solo lamps, 7 solar kits (Containing 4 solar lights and a phone charging unit) and 1 sun king pro lamp.

4.2. ENVIRONMENT AWARENESS PROJECT

Safe Neighbourhood Foundation (SNF) and Joint Energy and Environment Projects (JEEP) in partnership with Seniors without Borders (SwB) Denmark, Nordic Folkecenter for Renewable Energy (NFRE) Denmark received funds from the Civil Society Fund to implement Environment awareness project in Budaka, Moroto, Kapchorwa, Mbale, Bududa and Bulambuli districts.

These districts are characterized with prolonged droughts, siltation of rivers, food shortage and landslides particularly districts found on slopes of Mt Elgon. These have been attributed to human activities like deforestation, high birth rate, poor farming methods and poor waste management. The goal of the project is to create awareness on the dangers of environment destruction and provide solutions to ensure environment conservation

4.2.1. District Leaders Awareness seminar

From the 17th -24th of August, district leaders awareness seminars where carried out in Bududa, Mbale, Kapchorwa, Bulambuli, Budaka and Moroto districts, the objective of the seminar was to introduce the project to the leaders, solicit their support in promoting environment conservation and also inform the leaders about the project activities. 148 leaders were sensitized and this included 116 male and 32 female.



Photo 5. District leader's awareness seminar in Mbale district

4.2.2. EAP Partners training

On the 12th – 16th of October, the EAP partners Joint Energy and Environment Projects (JEEP) and Safe Neighborhood Foundation (SNF) were trained by Mr. Frank Mugagga, Mr. Mbowe Henry Stanley and Mr. Ourien Brian the communication specialist. The training was intended to equip the partners with skills and knowledge to enable them carry out the EAP project activities efficiently and effectively. The training topics included food security strategies i.e. agroforestry, crop diversity, intercropping, indigenous knowledge, seed and food banks, water harvesting techniques, irrigation methods and communication skills. The trainings were both theoretical and practical. 10 people participated in the training, 5 male and 5 female.



Photo 6. EAP partners during the training workshop

4.2.3. Training of YLEC members

On the 23rd – 26th of November, JEEP trained 15 YLEC members , 3 female and 12 male in different environment activities, among these included, a training in energy saving stove construction, tree nursery establishment and management, communication skills, briquette making and food security practices, the training lasted for 4 days, YLEC is a group of youth who studied Environmental sciences at Makerere University, the EAP project is centered on youth so the YLEC members will mentor the youth in project areas on how to conserve the environment.



Photo 7. YLEC Members learn about briquette making

4.3. PROMOTION OF SOLAR ENERGY AND ENERGY SAVING STOVES IN SCHOOLS

According to the Uganda National Household Survey (UNHS) 2013/14, an estimated 202,000 schools and institutions have no reliable electricity supply, hampering their hopes of an education and a decent livelihood. But clean, renewable energy can transform people's lives, while reducing their impact on the environment.

It is for this concern the lead JEEP and Merkur cooperative Bank in Denmark to install 30 solar lighting systems and to construct 30 energy saving institutional stoves in 60 schools. These energy saving cook stoves have reduced fuel consumption, hazardous smoke. People's health and the local environment also suffer greatly from the unsustainable demand and use of wood for fuel. These schools have been encouraged to plant trees (woodlots) which will provide additional fuel/income sources.

4.3.1. Solar Lighting Systems

30 solar Lighting systems were installed in 30 schools in the districts of Mpigi, Kalangala, Kasese, Arua, Busia, Luuka, Ibanda, Tororo, Namayingo, Lwengo and Wakiso. Among these 30 schools, 16 are primary schools, 13 are secondary schools and 1 technical institute. The systems installed mainly cater for light in 2 classrooms and 1 office, staff room and 1 security light. In a few schools light was installed in 3 classrooms.

All the 30 solar lighting systems installed had the following specifications;

1 monocrystalline solar Green Power (130 watts), 1 Maintenance free battery (200 AH), 1 Charge controller – Steca PRS 1010, 10 Lamp shades Silver foil, 11 DC LED bulbs 5 watts others 7 watts, Earthing + Accessories and a main switch with 3 circuit breakers.



Photo 8. Light in one of the class rooms at Mirembe Junior School- Wakiso district

4.3.2. Energy Saving Institutional Stoves

30 institutional energy saving stoves were constructed in 30 schools/ institutions in the districts of Kiryandongo, Wakiso, Arua, Mpigi, Luwero, Sironko, Tororo, Kasese, Mukono, Budaka, Serere, Buikwe, and Luuka, 28 stoves have two pot holes and 02 stoves have one pot hole. Schools with two pot holes stoves received two saucepans with capacity of 100-120 liters each. Two schools with one pot hole stoves received one saucepan with capacity of 300 liters.



Photo 9. Energy saving stove at St. Stephen's Kituuto Secondary School-Luuka District

4.4. GLOBAL CLIMATE CHANGE ALLIANCE: UGANDA AGRICULTURE ADAPTATION TO CLIMATE CHANGE PROJECT (GCP/UGA/041/EC)

JEEP was contracted by the Food and Agricultural Organisation of the United Nations Uganda Country Office (FAO Uganda) in a project to Provide Technical Support on Demonstration and Scaling Up of Climate Change Adaptation Practices for Environmental Management In Sembabule, Mubende, Kiboga, Nakaseke, Luwero, And Nakasongola Districts.

JEEP is supposed to conduct several activities under Letter of Agreement and these include: conducting ToTs for 672 FFS members on Energy Saving Stoves; establish 4 tree nurseries in the districts of Mubende, Sembabule and Nakaseke support members from 36 FFS groups (or 720 households) to each plant at least 34 tree seedlings comprising agro-forestry and fruit trees at household level on crop land; developing entrepreneurial skills among FFS to promote renewable energy sources in the 6 districts; review, simplify and contextualise the existing module on environmental management for FFS community based facilitators

Between September – December, JEEP managed to register following achievements: carryout familiarization visits, conduct planning meetings and carryout training of 641 TOTS (Training of Trainers) comprising of 281 male 380 female FFS representatives and 44 farmer facilitators in the districts of Nakasongola, Luwero, Nakaseke, Mubende, Kiboga and Sembabule.



Photo 10. Participants from Luwero getting energy saving construction skills

5. THEMATIC DAYS AND EVENTS

5.1. World Environment Day

On the 5th of June 2018, 12 staff members celebrated the World Environment Day in Mbale District at Cricket grounds. The theme for the day was “Beat the Plastic Pollution” a number of environment organizations attended the function. JEEP exhibited a number of products which were; energy saving stoves, solar lamps, solar toys, stand alone solar systems, and hay basket flasks among others. Furthermore, JEEP made an insect exhibition to create awareness on how insects affect our lives.



Photo 11. JEEP staff explaining to students how to use solar



Photo 12. JEEP volunteer Edison talks about how insects affect people's lives



Photo 13. JEEP staff explains to students how to use solar lamps

5.2. World Day to Combat Desertification.

JEEP participated in the celebration of World Day to combat Desertification which was organised by the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF). This event

took place on the 16th – 17th of June. The theme of the day was “Attainment of Food Security for all through Sustainable Food Systems”. Many other organizations participated too. JEEP exhibited number of items which included demonstration garden showing agro forestry farming and boundary tree planting, different clean energy saving stoves i.e. mud stove, glow stove and sarai cooker, water filters, solar lamps and basket food flasks. People were excited about the water filters and bought all which JEEP had taken,

The Guest of honour was the Minister for Agriculture Animal industry and Fisheries with key speakers talked about indicators of climate change particularly and what should be done to combat desertification. Like agro forestry, sustainable agricultural practices.



Photo14. The Minister of Agriculture, Animal Industry and Fisheries Hon Rwamirami Robert and other dignitaries at JEEP stall.

5.3 World Food Day

On the 16th of October, JEEP participated in the World Food Day celebrations with the theme of the day was Social Protection and Agriculture: Breaking the Cycle of Rural Poverty. A number of organizations involved in the agricultural sector exhibited a number of products, JEEP

exhibited energy saving technologies like the Hay Baskets, energy saving stoves, solar systems among others which can help the communities become food secure e.g. solar can be used to dry excess food to prevent it from rotting, Hay baskets help store warm food for long hours.



Photo 15. JEEP staff talks to a journalist about the uses of solar energy

5.4. Celebration of 13 years of JEEP Folkecenter Establishment in Kyanja

On the 14th of November 2018, JEEP celebrated 13 years of establishing a Folkecenter in Kyanja, a number of people attended the celebrations, among these were the Board members, JEEP members, schools around JEEP, and the community. The guest of honor was Mr. Godfrey Bazanye thanked the guests for attending the celebrations and advised them to replicate the renewable energy technologies they had seen at JEEP Folkecenter



Photo 16. The Guest of honor Mr. Godfrey Bazanye addressing guests at the JEEP 10 year anniversary celebrations

6. ANNUAL GENERAL MEETING

Joint Energy and Environment Projects (JEEP) organized the Annual General Meeting for Board members, JEEP staff and JEEP members from the districts of Amuria, Mukono, Luweero, Arua, Tororo, Mpigi, Wakiso, Kampala, the meeting took place on the 14th of November at the JEEP centre in Kyanja along Gayaza Road. 46 participants attended the meeting, 17 male and 29 female.

The objective of the meeting is to

- enable JEEP choose Board of directors
- inform Members of JEEP activities in their areas
- to account JEEP fund to members



Photo 17. JEEP members at the Annual General Meeting 2018

7. NETWORKING AND STAFF TRAINING

7.1. Staff Trainings

On the 16th – 18th of October 2018, 4 JEEP staff members travelled to Gulu district to attend a training on monitoring and Evaluation, the training was conducted by Higher Rising Investment Limited which is a training firm, the topics training topics included logical framework, result based monitoring and evaluation, introduction to programs and project, and monitoring and evaluation frameworks among others.

7.2. Monitoring and Evaluation training workshop organised by Participatory Ecological land Use Management (PELUM)

On the 28th – 30th of July 2018, PELUM uganda organised a training of monitoring and evaluation for its member organisations. JEEP is a member of PELUM, one staff member of JEEP attended the seminar, the members were taught how to how to develop monitoring frameworks, how to collect data and develop a logical framework. The training took place at

8. PLANNED ACTIVITIES IN 2016

In 2019 JEEP will continue carrying out the following activities and projects

- Environment Awareness Project
- Global Climate Change Alliance (cattle corridor project)
- Celebration of thematic days i.e. World Environment Day, World Food Day etc.
- Networking with similar minded organisations like WWF, FAO and PELUM among others
- Developing and proposal writing