



JOINT ENERGY AND ENVIRONMENT PROJECTS (JEEP)

ANNUAL PERFORMANCE REPORT

Joint Energy and Environment Projects (JEEP)

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1.0 ACRONYMS

1. JEEP: Joint Energy and Environment Projects
2. CISU: Civil Society Fund
3. KAL: Knowledge, Advocacy and Lobbying for the Benefits of renewable energy and Climate change mitigation in Uganda
4. NGOs: Non-Government Organizations
5. CBOs: Community Based Organizations
6. MPs: Members of Parliament
7. FAO: Food and Agricultural Organisation of the United nations
8. WED: World Environment Day
9. NEMA: National Environment Management Authority
10. NCD: Non Communicable Diseases
11. PELUM: Participatory Ecological Land Use Management
12. LWF: Lutheran World Federation

2.0 Message from the Chief Executive Officer

“A Safe Environment, A Sure Future” is the vision the founder members of JEEP had in 1983. A motherless child cannot fully enjoy life. Our mother nature is being attacked from all angles and this is leading to her death! Its therefore everybody’s responsibility to safeguard the environment by checking our actions in this development era.

JEEP is advocating and lobbying the leaders in Uganda for the benefits of renewable energy and climate change mitigation in 9 districts namely:- Arua, Amuria, Apac, Kamuli, Kasese, Kalangala, Mukono, Mpigi and Tororo. JEEP is also encouraging communities to run green enterprises and plant trees to enable people access green technologies easily. This is one of the ways Ugandans will get rid of smoky smelling “tadooba” kerosene lamp in order to save money and avoid healthy hazards e.g. respiratory diseases and fire accidents.

Am happy to inform you that all the 9 districts leaders committed themselves to work very hard on climate change effects, most important, they are all ready to enforce environmental laws, by-laws in their areas of operation. This is the first recorded achievement, seeing the top leaders ready to act

3.0 EXECUTIVE SUMMARY

The report includes activities, projects and events JEEP participated in and carried out in 2017. The Knowledge, Advocacy and Lobbying for the Benefits of Renewable Energy and climate change mitigation in Uganda; sponsored by CISU (Denmark) has had a number of learning lessons for JEEP as a new project of its kind.

Continued collaboration with FAO Uganda has enabled JEEP to work in Karamoja region. Together with Seniors without Borders Denmark, Environment project was implemented in Mt Elgon region and Budaka district and a number of other small projects.

Our networking and collaboration has enabled us attend various conferences and events where JEEP has met similar minded actors and been able to share ideas and build partnerships.

4.0 INTRODUCTION

Joint Energy and Environment Projects (JEEP) is an indigenous development 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”

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

5.0 ACTIVITIES CARRIED OUT

5.1 Knowledge, Advocacy and Lobbying for the Benefits of Renewable Energy and Climate Change Mitigation in Uganda (KAL)

JEEP in partnership with the Nordic Folkecenter for Renewable Energy (Denmark) is implementing the above project in 9 districts of Kalangala, Apac, Arua, Mpigi, Amuria, Tororo, Kamuli, Kasese and Mukono.

The goal of 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 such as energy saving stoves, tree planting and access to renewable technologies such as solar use.

The project's immediate objectives include

1. Increase Knowledge of community leaders such as MPs, district leaders, sub county leaders, religious leaders, school heads among others to gain knowledge and understanding of the project through seminars with hands - on experiences.
2. Increase knowledge of and demand for renewable energy technologies and environmental conservation practices in the district through practical seminars, radio talk shows and film
3. Promote Green Enterprises benefits by raising awareness of business opportunities linked with environmental conservation practices through training, e.g. in tree planting and in basic business skills

A number of activities have taken place and these include:

2 baseline surveys were carried out in each of the 9 districts: i.e. one for leaders and the other one for the community, to determine the relevance of the project, 57 leaders (43 male and 14 female) and 707 (432 male and 275 female) community members were interviewed

JEEP carried out awareness seminars for the district leaders, CBOs, NGOs, Religious leaders and other organised groups and Cultural heads. These took place in 9 districts of Kamuli, Mpigi, Arua, Kasese, Mukono, Kalangala, Apac, Amuria, and Tororo. These seminars took place between May – August 2014. 251 district leaders (192 Male and 59 female) and 202 (157 male and 45 female) Community Based Organizations' leaders were sensitized

Awareness seminars with sub county leaders and community members were also carried out in 6 districts of Kamuli, Kasese, Arua, Apac, Tororo and Mpigi. 1174 leaders were sensitized and among them 852 were male and 322 were female. Also 8455 community members were sensitized among them 5779 were male and 2676 were female.

5.2 Briquette Training

Seniors without Borders (Denmark) partnered with Joint Energy and Environment projects to train 19 participants from Bududa, Kapchorwa and Bufumbo districts in briquette making. The training took place on the 20th of January in Bududa district and 21st of January in Kapchorwa district.

The table below shows the number of participants and their respective districts as well as gender:

No	District	Male	Female	Total
1	Kapchorwa	07	01	08
2	Bududa	05	02	07
3	Bufumbo	02	02	04
	Total	14	05	19

Environment Project (Budaka)

Seniors without Borders (Denmark) partnered with Safe Neighbourhood Foundation (SNF) and JEEP to train Budaka farmers and SNF staff in Tree Nursery Establishment and Management, stove construction and briquette making, 15 participants were trained in the above all representing the 13 sub counties in Budaka district.

The table below shows the number of participants trained

Activity	Male	Female	Total
Tree nursery establishment and Management	9	6	15
Energy saving stoves training	9	5	14
Briquette making training	7	8	15

NB. Participants came from the 13 sub counties as listed below.

Mugiti, Kameruka, Kaderuna, Kachomo, Lyama, Naboia, Nansanga, Kakule, Budaka, Kamokoli , Iki-iki and Katira



Photo1. JEEP facilitator demonstrating seed sowing in the bed

5.3 Improving Food Security and Diversification of Livelihood Opportunities for Communities in Karamoja

Joint Energy and Environment projects (JEEP) was contracted by Food and Agriculture Organization of the United Nations (FAO) to implement environmental management activities in Karamoja region. With funding from the European Union, the agreement was issued under the Karamoja Livelihood Programme,

The project was implemented in seven districts; namely Moroto, Kotido, Nakapiripiti, Amudat, Abim , Kaabongo and Napark

By the project completion

- 22 acres of fruit trees were established. Number of tree planted were totaling to 1650 of different species which included mangoes , oranges, avocado, jack fruit, and guavas
- Four Manyatas and one school were fenced with live to replace the woody fence
- 740 Agro Pastoral farmer Field School ToTs were trained in the energy saving stove construction. By the end of the project these TOTs had trained other 2002 community

members of which 816 were male and 1186 were female, a total of 2148 stoves were constructed and were in use.

- 4 tree nurseries were established and 5 existing were strengthened. 4 Nursery attendants were trained in tree nursery management and operations.



Photo2. JEEP staff trains participants in stove construction in Rupa Sub County Moroto district

5.4 Merkur Bank Project

Lack of access to electricity also limits pupil and students to study at night thus hindering them to compete with their counterparts who have access to electricity. Lack of affordable source of energy for cooking has also affected education system in Uganda by creating major financial and environmental implications, a lot of which have wide-ranging and long-term implications.

It is for this cause that Merkur Bank in Denmark and Joint Energy and Environment Projects (JEEP) partnered to implement a project aimed at addressing the need for solar energy and construction of energy saving institutional stoves in 60 schools.

During this reporting period, JEEP has finalized the installation of 15 solar lighting systems of each with 11 lighting bulbs in 2 classrooms, 2 offices and 1 security light. The 15 schools selected in Arua, Kalangala, Kasese, Tororo and Mpigi district. Construction of 18 institutional energy saving stoves of two potholes with 2 source pans of 100liters capacity in 18 schools in Arua, Mukono , Kasese , Tororo , Wakiso, Sironko, Budaka and Kiryandongo districts.

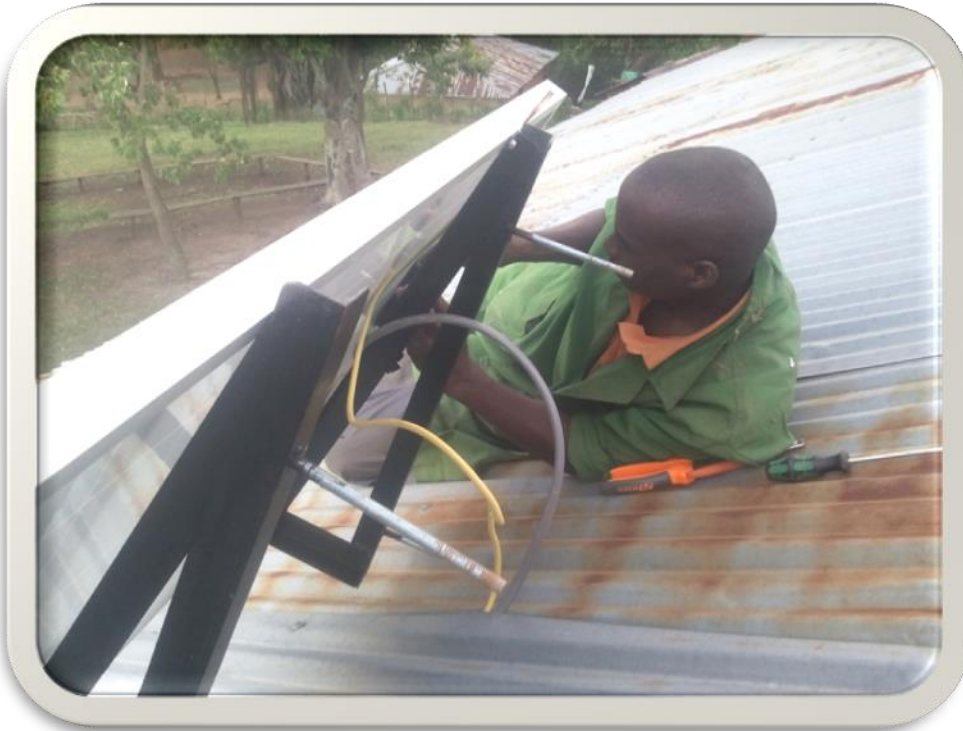


Photo 3. Solar Panel being installed at St Kizito SEED Secondary School Kasese district



Photo 4. Institutional Energy saving stove at Corner Stone Senior Secondary School –Wakiso

6.0 NETWORKING AND COLLABORATION

6.1 World Environment Day

This year JEEP participated in 3 Environmental Day celebrations

6.1.1 World Environment Day celebrations at St. Lugalama church of Uganda Ntinda

JEEP organized an environmental exhibition at St Lugalama church of Uganda Ntinda on 5th June where schools, churches, neighboring villages, and partner organizations were invited. The theme was (**Raise your voice, save Uganda’s fragile Eco systems**). The turn up of the invited fellows was good because schools attended in big numbers like Kigoowa infants primary school, Kisaasi primary school, Davjan primary school, Kiwatule Parents, Kalinabiri secondary school

and church members. Among the organizations; Participatory Ecological Land Use Management members attended.

JEEP exhibited number technologies which included; small solar lamps and big solar installations, solar toys, mud stoves, hay baskets, water filters, reused plastic materials, barbecue, Top Lit Up Draft (TLUD) stoves, different tree species and briquettes .



Photo 5. JEEP staff explaining to students of DavJan primary school how dangers of smoke and high fuel costs can be avoided by adopting improved stoves.

6.1.2 World Environment Day in Kaliro District

This year's World Environment Day celebrations organized by National Environment Management Authority (NEMA) and JEEP staff went to Kibubura Intergrated Primary School grounds, Ibanda district to commemorate the WED, JEEP exhibited a number of energy saving technologies which include energy saving household mud stoves, sarai cookers, TLUD Mwoto

stoves, Hay basket flasks, solar lamps, household solar systems, efficient charcoal stoves, briquettes, water filters, among others

The Guest of Honor his excellence the President of Uganda visited exhibitor's stalls and thanked the exhibiting organizations for promoting technologies which help conserve the environment.

6. 1. 3 Environment Day in Mpigi District

On the 20th June, Mpigi district Local Government organized a District Environmental Day as one of their commitments during the district leaders seminar. The celebrations took place at Kanyike Primary School and a number of schools, district dignitaries, and the local people attended. The schools performed songs, drama and poems concerning environmental degradation and how to preserve our environment. The theme for this year's celebrations was ``Raise your voice, Save Uganda's fragile eco-systems. The Mpigi district RDC was the chief guest



Photo 7. Mpigi district RDC and other officials listening to JEEP staff explaining how to use a solar lamp

6.2 Celebrating World Day to Combat Desertification (WDCD)

The theme for WDCD was, "Land belongs to the future, lets Climate Proof it". The purpose of this event which took place at Sekulo Primary School on the 16th – 17th in Budaka District located in Eastern Uganda was to raise awareness while demonstrating to communities the sustainable land management and climate smart land use technologies/practices.

Although Budaka is one of the 5 districts implementing the project “enhancing adoption of climate smart agriculture in Uganda’s farming systems”, the district was chosen to host this year’s event because it has experienced severe land degradation in the past.

The WDCD is commemorated annually on the 17th June, since 1994 when the United Nations General Assembly declared the importance of promoting public awareness to combat desertification through the initiative of country partners, international organizations, non – governmental organizations and other significant stakeholders.

The WDCD is a reminder to the public that desertification which is product of climate variation and human activity, can be effectively eradicated through community participation and co – operation at all levels.

With collaboration and support from (Participatory Ecological Land Use Management) PELUM organization, JEEP attended, exhibited and celebrated the World Day to Combat Desertification to clearly demonstrate its national commitment to raise public awareness of the dangers of climate change; human activities like land degradation.



Photo 8. JEEP staff exhibiting energy saving products

JEEP staff members attended a number of conferences and meetings

6.3 Network Meeting with NEMA

National Environment Management Authority (NEMA) organized and hosted an event for Environmental and Natural Resources Civil Society Capacity Building on the 4th – 5th March, that JEEP staff participated in together with other participants from NEMA, NGOs, academia, civil society organizations, government and other private enterprises.

During the event, environmental aspects and innovative ideas were discussed for searching for knowledge and resources for sustainable environmental management, applying environmental education for positive livelihoods in communities and institutions, solid waste management in urban areas, opportunities and threats.

The participants discussed the importance of environmental evaluations and green economy as a source of wealth in Ugandan. On the 26th of September, JEEP had a meeting with Dr. Eva Lutalo the NEMA Regional Officer; JEEP had gone to NEMA to introduce the KAL project since they are our stakeholders. Dr. Lutalo clarified to JEEP the roles of NEMA which are to coordinate, to

monitor and supervise, she advised JEEP to work closely with the Climate Change Unit under the Ministry of Water and Environment. She gave tips concerning advocacy work like using local radios and local languages. She advised JEEP to document and share findings and to encourage people to practice boundary tree growing



Photo 9. Dr. Eva Lutalo with JEEP Staff

6.4 The East Africa Civil Society NCD (Non Communicable Diseases) Charter

The East African Initiative on Non Communicable Disease (NCD) stakeholder meeting which took place between the 13th – 15th June, at Central Inn, Entebbe - Uganda, attracted diverse stakeholders from governments, alliances, NGO representatives, academia and private sector from Burundi, Kenya, Rwanda, Tanzania including Zanzibar and Uganda together with NCD – Denmark and UK.

Ruth Kiwanuka – JEEP CEO participated through discussing how household communities in Uganda are still using solid fuels (wood, charcoal, crop waste) in three – stone open fires and leaky stoves which are inefficient cooking fuels and technologies, producing high levels of indoor air pollution with health damaging pollutants like soot particles which penetrate down

deep into the lungs especially among women and children who spend long hours near domestic hearth.

The CEO elaborated how JEEP is working hard in Uganda to integrate guidance and garner resources for supporting clean energy through Knowledge, Advocacy and lobbying for the benefits of clean renewable energy for vulnerable communities.

The discussion exposed how the NCDs are threatening the achievement of the Millennium Development Goals (MDGs). The three day meeting provided an opportunity to discuss the new East Africa Civil Society Survey report on Non Communicable Diseases with emphasis on the dangers, gaps, good practices, and evidence based platform for further action and the commitment of the civil society in responding to Non Communicable Diseases (NCDs). The delegates concluded the workshop with the East Africa Civil Society NCD Charter with the intention of presenting the results at the United Nations conference in the United States of America on the 11th July.



Photo 10. Participants in the NCD meeting

6.5 Kasese District Energy Action Plan

JEEP staff attended a meeting on the 2nd – 5th of September in Fort Portal town, Kabarole district organized by the Kasese District local government, the objective of the meeting was to develop a district renewable energy action plan and also to develop a monitoring and evaluation framework for renewable energy action plan. The meeting was attended by Kasese district officials, members from various NGOs and the private sector

7.0 Center Tours

7.1 Students from Denmark tour JEEP folkecenter

JEEPERS welcomed passionate students from schools Vestbjerg Skole and Fårevejle Efterskole (Denmark) on the 6th March. The students toured JEEP folkecenter to learn about environmental conservation; renewable energy technology sources, solar PV installations, solar heater, bottle house (house constructed with plastic bottles), biogas demonstration plant, herbal gardens, diverse tree species. Danish team experienced what it is to be Ugandan with regard to culture in the central region of Uganda.



Photo 11. Students from Denmark during visit at JEEP

7.2 Earth Friendly Energy Tour by Women Groups at JEEP

Bishop Hannington Mutebi, JEEP Board member invited seventy one women from Kampala Dioceses Church of Uganda and on 12th July, JEEP organized a demonstration tour for these visitors who learned about renewable energy sources and technologies some of which: energy saving stoves like for household and institutions Shielded stoves, Rocket Lorena stoves has two saucepan seats (mud stove which cooks 2 pot holes), Parabolic solar stove, Mwoto stove, Sarai cooker.

The groups of women visitors were enthusiastic to know that the JEEP office is powered by an earth friendly energy – solar and diverse solar technologies were displayed for them to see like the solar little sun, sunking pro, sunking solo, hay basket, bottle house made out of plastic bottles and soap making project



Photo 12. The groups of women visitors learning about bio gas as an alternative renewable energy that they could switch to.

7.3 CERP – Community Environment Resource Persons/ Lutheran World Federation team from Pader and Kitgum district

On the 20 August, through PELUM (Participatory Environmental Land Use Management) coordination and networking with different organization, 40 farmer groups under Lutheran World Federation (LWF), were trained by JEEP in constructing energy saving stove – particularly in building the (Rocket Lorena Stove) at the JEEP Folkecenter.

During the one day training, participants learned that the Rocket Lorena energy saving stove is efficient in cooking faster while emitting less smoke through a chimney and prevents accidents. Participants had the opportunity to tour the center and learn about diverse renewable energy technologies and sustainable agricultural practices.



Photo 13. 40 farmer groups under Lutheran World Federation (LWF) learning about the efficiency of the Rocket Lorena energy saving stove at the JEEP Center

8.0 The JEEP CEO's visit to Denmark

The CEO of JEEP Ms. Ruth N. Kiwanuka travelled to Denmark in August to carry out various meetings with partners and to discuss the ongoing and expected projects. The partners she met included, the Nordic Folkecenter for Renewable Energy where she made a presentation concerning the KAL project, she met members from Seniors without Borders to discuss the Environment Awareness Project. She visited Farm Mountain for an exposure on the products from Mt Elgon Region and also visited Solar Supply to learn about new products and to discuss collaboration possibilities. She was invited to Mors Third World Association Cultural Event.

9.0 PLANNED ACTIVITIES 2017

JEEP will continue implementing the Knowledge, advocacy and lobbying for renewable energy and climate change mitigation in Uganda project. The main activities in this project are;

- Awareness creation using seminars, exhibition and media,
- Training communities in stove construction and tree planting
- Tree nursery establishment, solar energy,
- Lobbying MPs, district and other local leaders in 9 districts.

Action Planning from 2017

- Re structure our staff duties to fit the current trends
- Wider approach to ministries and districts
- Planning for the new approved projects i.e. Environment Awareness Project in partnership with Seniors without Borders

Specific considerations for Action planning

- Advocacy tools and approaches when targeting the policy makers
- Awareness and training and technical work
- JEEP folkecenter development

Other activities and projects will be continued e.g lighting Africa, uplifting the JEEP folkecenter, green enterprise promotion and general office work

Furthermore, JEEP always leaves space for contracts from other organization, CBOs and bodies/groups.