



ANNUAL REPORT 2019

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Acronyms

CBO:	Community Based Organization
EASE-CA:	East African Civil Society for Sustainable Energy and Climate Action
EURECCA:	Enhancing Resilience of Communities to Climate Change through Catchment Based Integrated Management of Water and Related Resources in Uganda Project
INFORSE:	International Network for Sustainable Energy
JEEP:	Joint Energy and Environment Projects
MWE:	Ministry of Water and Environment
NFRE:	Nordic Folkecenter for Renewable Energy
NGO:	Non-Government Organization
OSS:	Sahara and Sahel Observatory
SUSWATCH:	Sustainable environment Development Watch Kenya
TaTEDO:	Tanzanian Traditional Development Organization
UCSD:	Uganda Coalition for Sustainable Development

Acknowledgements

Joint Energy and Environment Projects (JEEP) would like to thank the support of various partners for availing resources, time which enabled the organisation realise achievements recorded in this report. We are equally indebted to all the Local and Central Government institutions, community members, CSOs that in one way or the other provided information that informed this baseline study report.

Special appreciation goes to its core funding agencies; Danish Ministry of Foreign Affairs through Civil Society Fund (CISU), World concern south sudan, Ministry of water and environment, Merkur Bank, Eniig , Afrishiners, Seniors Without Borders (SWB) and friends such as Lene Hogh, Judy Stober among other donors who contributed to our 2019 annual budget.

We acknowledge our partners' well-placed confidence in JEEP's ability to relent and we pray that they don't relent.

Lastly, we would like to appreciate our members, Board of Directors, JEEP secretariat, stakeholders who have supported our work which helped us to work through the challenges that characterize our operating environment.

Communication from the Chief Executive Officer

As we conclude 2019, am happy to report that JEEP has maintained its dedication and national platform to undertake environmental conservation and natural resource management as high priority. Like the organizational mission to “prevent environmental destruction and to foster natural resources conservation through public awareness, community trainings, renewable energy technology promotions all geared towards a better planet earth to live on

The year 2019 had a fabulent beginning as key projects where ending and the running projects could hardly support the secretariat. Thanks to the management and staff that stayed committed and continued work under such a crisis.

It is worth noting that JEEP has managed to achieve and fulfilled the bigger part of the 2019 strategic plan where as much has been done on in respect to renewable energy awareness, and technology promotion, through the JEEP enterprise sector as tools to mitigate and adapt to climate change, the increased number of center visitors.

Another 2019 achievement, the winning, acquiring of 25ha of land in Achomai Central Forest reserve in Amuria district which is an investment opportunity for JEEP to start and carry out commercial tree planting; this year JEEP started the vegetation restoration phase in the 75 acres acquired

Another milestone through networking and lobbying is now JEEP with the Ministry of Water and Environment have partnered up in the Enhancing resilience of Communities to Climate Change through catchment-based integrated management of water and related resources in Uganda (EURECCCA) running in Northern and Western Uganda

Furthermore, fruitful partnership with likeminded organizations locally and internationally has increased in 2019, and fruits so far are our new partners from Kenya, Tanzania and Denmark to run the EASE-CA project with other Renewable Energy technology partners on table for review and others at the project planning stages which is a clear indicator of future collaborations and work.

As we start the new decade, this should be declared a “Decade for Action” as we have no choice but to step forward; correct all our inaction towards our waters, vegetation, land, fuels, air, and climate change financing .

As humanity families we have to overhaul the way we live, we eat, we do business, and we produce and use energy in our homes and workplaces to foster concrete solutions to the local communities in mitigating and adaptation actions that will address climate change for a better safer planet for the current and future generations

“It is now not tomorrow”

In 2019, we continued to implement the 5-year strategic plan for JEEP whose mission is to stop environmental destruction through sustainable use of natural resources in Uganda contributing to environmental conservation and climate change mitigation which lead to community livelihood improvement.

With a clear vision, mission, and objectives; JEEP implemented five 2019 core projects which included; Solar cold storage and lighting project, Clean Environment Initiative Project (CEIP), Light in Africa, Achomai reforestation project, East African Civil Society for Sustainable Energy and Climate Action (EASE-CA).

Through these projects and partnerships JEEP directly ensured full participation of both women and men across 27 districts of Uganda. Our programs were implemented through raising public awareness, generating information encouraging community participation through trainings and mobilizing resources for supporting joint effort aimed at achieving sustainable environmental and energy development

JEEP closely worked with the government institutions such as Ministry of Water and Environment; Ministry of Energy and Mineral Development, Ministry of State for Relief & Disaster Preparedness, Office of the Prime Ministry, Ministry of State for Lands and Local Government in the 27 districts in various activities/projects engagements.

Annual General Meeting 2019 was held, and all formalities having been fulfilled as in the agenda, quite some time was allocated to reports on different projects running during this year in review. The meeting was also informed about the new project in the pipeline that time (EASE-CA). Most remarks and questions centered on this new expected project.

JEEP hosted 13 interns (7 females, 6 Males) from universities and institutions namely Makerere, Kyambogo, Bugema, and Muteesa I Royal Institute. The most benefit they derived from their two months stay at JEEP was the hands-on trails and trainings on stoves, briquettes, fireless basket cookers, vegetable growing, tree nursery establishment and management.

Each year like during the year under review, JEEP hosted three young volunteers from Germany and Canada. These young people also learn a lot from JEEP for example community engagement and work in rural deep communities while of course contributing to JEEP their own skill and knowledge.

JEEP BACKGROUND

Joint Energy and Environment Projects (JEEP) is an indigenous registered Non-Governmental Organization in line with the requirements of the NGO Act 2016, located in Kyanja off Gayaza Road, 7 Miles from Kampala city center in Uganda.

The Organization was founded in 1983 and it has been working directly with local community groups, individuals, institutions and other organizations to stop environmental destruction and promote efficient management of natural resources as its fundamental mission and a core vision for having a Ugandan society with a “safe environment for a sure future”.

JEEP has created environmental awareness at all levels of societies; influencing policies and integrating environmental considerations in all aspects of social, economic and cultural development through ensuring that households use energy efficient technologies, agro-forestry and sustainable agriculture; foster and bring concrete impacts in terms of food and fuel - wood security, improved nutrition, increased incomes and raised standards of living.

JEEP’s core activities include:

- Creating environment conservation awareness to communities at all levels of society.
- Training communities in tree planting and tree nursery management
- Promote and train communities in making of energy saving technologies e.g. energy saving stoves, briquettes, Fireless cookers.
- Solar information, designs, installation and management of solar systems.
- Advocating for climate change mitigation and adaptation.

VISION, MISSION AND VALUES

VISION:

Safe Environment for a Sure Future.

MISSION:

To stop environment destruction and promote efficient management of natural resources.

CORE VALUES:

These core values are important, and they are emphasized and viewed by all as the basis of existence of JEEP. They are;

TEAMWORK - We value solutions coming and working together if we are to reach our mission and vision.

TRANSPARENCY - We promise to be as honest to ourselves in all our engagements with donors, government as well as well as beneficiaries in issues related to our activities and reporting.

PROFESSIONALISM- We promise to be professional in all our activities and engagements with external stakeholders.

ACCOUNTABILITY- We are accountable to our internal targets and all stakeholders that are linked to our work as employees of JEEP.

PRODUCTIVITY- We seek to outperform ourselves, and always give more than is required of us.

CREATIVITY - We value creation of new solutions, and modification of old ideas to solve new challenge.

STRATEGIC GOALS

JEEP is driven by the following strategic goals:

- To create environmental awareness at all levels of society from rural peasant, urban poor to national policy makers and leaders as well as development workers in both government and private sectors.
- Influencing national policies and plans to integrate environmental consideration in all aspect of Uganda's social, economic and cultural development.
- To ensure that households use fuel saving cook stoves, practice agro-forestry and sustainable agriculture.
- Bring about a concrete impact in terms of household food and fuel wood security, improved nutrition, increase incomes as well as raised standard of living and better welfare of the people.

GOVERNANCE AND ADMINISTRATION

- Annual General Assembly
- Board of Directors
- Secretariat

Annual General Assembly

This is composed of the paid-up members of the organization and its one of the governing bodies of the organization.

Board of Directors

The board is the policy making organ of the organization responsible for policy design for the organization. The current board is composed of four men and three women elected from among the membership of the organization. They give strategic guidance for the organization.

The secretariat

This is the planning, implementation and monitoring organ of the organization. They are entrusted with administrative duties of the organization. It is headed by the Chief Executive Officer (CEO).



Figure 1: JEEP Offices in Kyanja, Kampala. Photo by JEEP.

2019 SUMMARY STATISTICS.		Males	Females
Districts reached	27		
Schools engaged	30		
Number of trainers trained in cook stove production	1019	311	708
Number of trainers trained in woodlot establishment	700	456	244
Number of trainers in business management and marketing	340	179	161
Number of solar lamps distributed	5345		
Number of community members sensitized	6892	3440	3452
Number of district leaders sensitized	87	44	43
Number of sub county leaders sensitized.	154	70	84
Number of CBOs engaged.	32		
Number of visitors at the folkecenter	519	200	319
Number of trainers trained in fireless basket cookers.	22	5	17
Number of solar installations made.	2		
Number of institutional cook stoves constructed	5		
Number of shallow wells constructed	1		
Number of trees planted	15791		
Number of internship students / volunteers received	15	5	10
Number of network meetings attended.	25		

Table 1: 2019 Summary Statistics

BOARD OF DIRECTORS

- | | |
|----------------------------|---------------------|
| • Dr Maria Bawubya | Chair person |
| • Dr Ben Ssekamatte | Vice chair person |
| • Mr Emmanuel Kibuuka | Treasurer |
| • Mr. Paul Badebye | Assistant Treasurer |
| • Bishop Hannington Mutebi | Member |
| • Ms Mary Namwanje | Member |
| • Eng. Ruth Mutebi | Member |

STAFF MEMBERS

- Ruth Kiwanuka
- Kevine Ssebina
- Paul Muganga
- Thomas Kentos Bakyayita
- Prossy Nabiyonga
- Jane Kyampaire
- Racheal Turyamuhebwa
- Caroline Tusabe Nalubega
- Esau Mugabi
- Brian Mungujakisa
- Confirio Nsubuga
- Martin Mukasa
- Douglas Ssali
- Prisca Tusubira
- Eva Mayanja
- Gad Hakiza

Focus Areas of JEEP in 2019

The JEEP 2019 focus areas based on the 5 year strategic vision of the organization of creating a safe environment for a sure future. With a key focus on both urban and rural communities of Uganda; this strategic plan directly contributes to key international and national strategic objectives and policies such as the Sustainable Development Goals (2015-2030) and National Development Plan 2015/16 - 2019/20.

The areas of focus included; organisational development, promotion and provision of renewable energy technologies, natural resource management, and advocacy and lobbying as illustrated below:

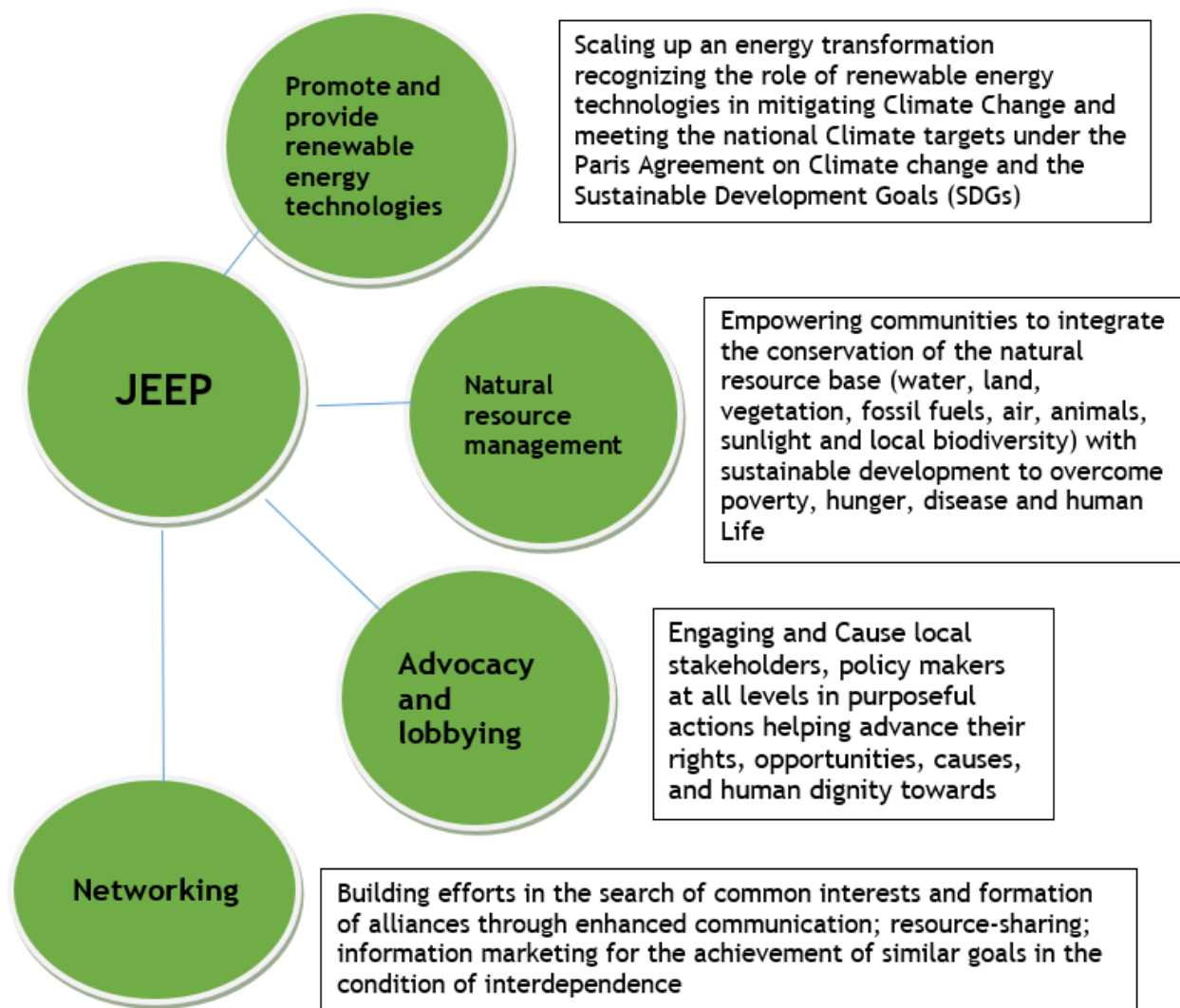


Figure 2: JEEP Focus areas in 2019

Target Groups of JEEP in 2019

JEEP programs target both men and women, youth and children, schools as direct beneficiaries. The youth targeted include in school youth (primary, secondary and higher institutions of learning) and out of school youth. To effectively engage the target groups; JEEP adopted a public private partnership model that involves their parents, guardians, teachers, head teachers, district leaders, Ministries and Private sector as key stakeholders in our programs.

Core Activities in 2019

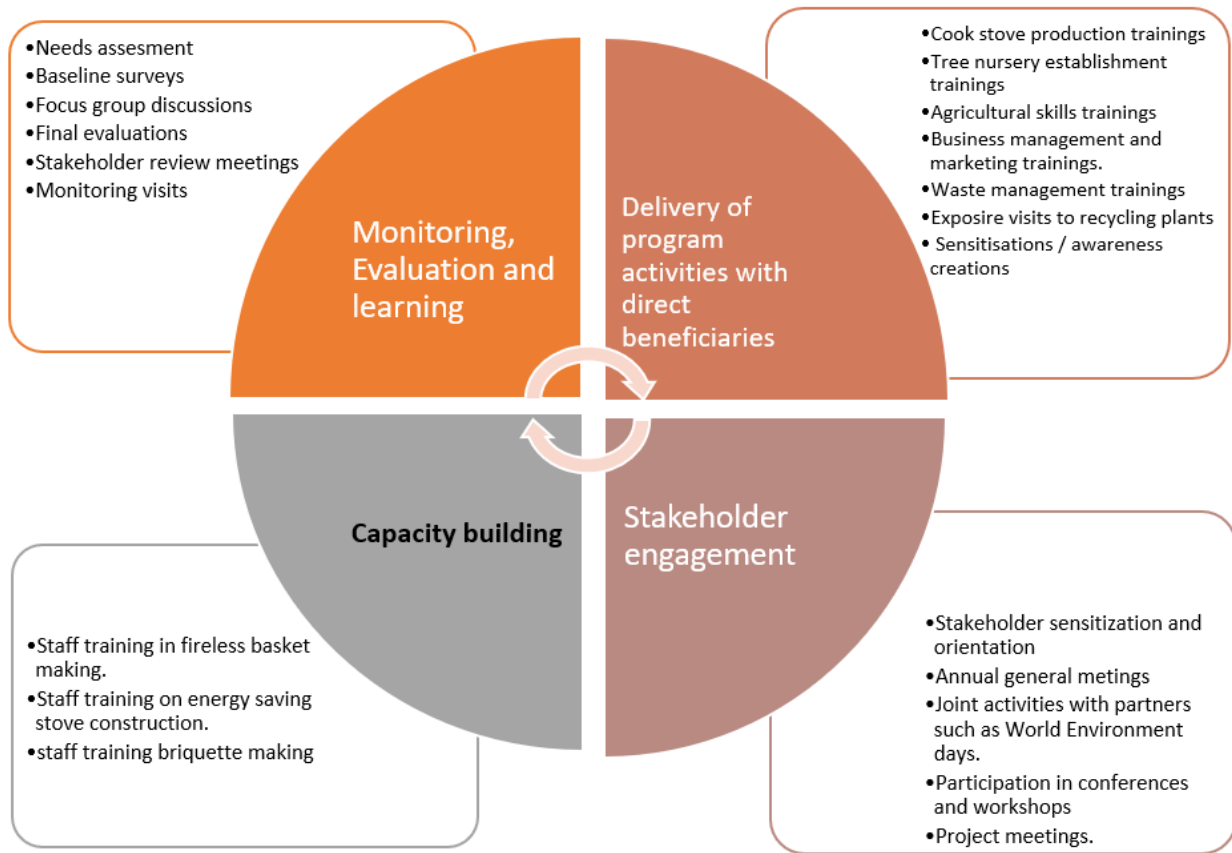


Figure 3: Core Activities in 2019



OUR 2019 PROJECTS & EVENTS IN DETAILS

The East African Civil Society for Sustainable Energy and Climate Action (EASE-CA) is a three year (2019 – 2022) funded project by the Civil Society Fund (CISU) and it is implemented in three districts (Nakaseke, Nakasongola and Nebbi) of Uganda.

The overall project objective is to increase access to sustainable energy and other climate change solutions to local communities in Uganda, Kenya and Tanzania with full and effective community and leaders' participation geared to improved livelihoods and reduction of poverty.

This will be realised by combining Civil Society Organisation (CSO) activities on local, national and international levels in ways geared primarily to reinforce each other towards achieving the Sustainable Development Goal (SDGs); - **SDG 1** (No poverty), **SDG 5** (Gender Equality), **SDG 7** (Affordable and Clean energy), **SDG 13** (Climate Action), and **SDG 17** (Partnerships to Achieve the Goals).

The project is being implemented in partnership with **Uganda Coalition for Sustainable Development (UCSD)**, **Tanzania Traditional Organisation (TaTEDO)**; **Sustainable Development Watch Kenya (SusWatch)**; **International Network for Sustainable Energy (INFORSE)** and **Nordic Folkecenter for Renewable Energy (NFRE)**.

JEEP achieved some of the project objectives as outlined within the grant agreement.

Kick off meeting

JEEP hosted the first project meeting which was attended by all the 6 project partners (Suswatch Kenya, TaTEDO, UCSD, INFORSE, NFRE and JEEP) The meeting was attended by 12 members (7 females and 5 males) from all the six project partners. The major aim of the meeting was to make sure all the partners get a common understanding of the project (goal, objectives, activities, reporting, budget) before implementation starts.

Baseline survey

JEEP conducted a baseline survey in the three project operational areas of Nakaseke, Nakasongola and Nebbi and a survey results /report was disseminated to all stakeholders via e-mails and websites see link:

[http://www.inforse.org/africa/pdfs/EASE CA District Uganda Baseline JEEP 2019.pdf](http://www.inforse.org/africa/pdfs/EASE_CA_District_Uganda_Baseline_JEEP_2019.pdf)

and use of the results has already started.

Out of the 12,000 interviewed the findings indicate an alarming 92% of the respondents still using the inefficient way of cooking, using the three stone cook stoves. This therefore gives the EASE-CA project an opportunity to sensitize and build the capacity of locals on alternative local solutions for energy in a bid to increase access to renewable energy among the communities.

Tree planting among the 3 districts was still at a very low rate (30%) due to the limited knowledge among the communities on the benefits of tree planting as a mitigation measure for climate change.

There is a limited access to water mainly in Nakasongola district. This is as a result of the district lying in a cattle corridor. This therefore calls for more intervention within the district to solve the water problems being faced. The EASE-CA baseline survey report can be accessed on www.jeepfolkecenter.org and <http://www.inforse.org/africa/EASE.htm>

The main goal of the awareness seminar was to formally notify the district leaders that the EASE-CA project begun and make sure everyone has a common understanding of the project and their roles. Additionally, the awareness seminar was to build rapport with the leaders concerning implementation of the project and its success.

Specific objectives for the awareness seminars included;

1. Inform and involve district leaders in the implementation of the project
2. Raise awareness of key stakeholders from the local community, local government authorities in the district on the EASE-CA project and its potential to enhance environmental conservation of Nakasongola district while improving livelihoods of local people.
3. Partnership in providing guidance and support while implementing the EASE-CA project

3 district leaders awareness seminars and 6 sub county leaders seminars were conducted in the project areas. The seminars targeted 90 district leaders from all the 3 district, 150 sub county leaders and 40 NGOs / CBOs from the six sub counties of operation. The few numbers of NGOs / CBOs reached was anticipated to the fact that there are few NGOs operating in the districts of operation due to the mere fact that they are mainly interested in working upcountry. Therefore, Nakaseke district and Nakasongola district not.

Introduction to local solutions

JEEP conducted district and sub county leaders awareness seminars in all the three project areas of operation. This was intended to introduce the local solutions intended to be introduced in the communities to leaders as well. being strategically located leaves them with a few NGOs in operation.

2019 Project achievements

- First project meeting conducted.
- Baseline survey conducted in the three project areas.
- 3 District awareness seminars conducted and 87 leaders (M=56, F=31) sensitized.
- 6 Sub county awareness seminars conducted and 154 leaders (M=99, F=55) sensitized.
- 3 NGOs / CBOs awareness seminars conducted in the three project areas and 32 (F=6, M=26) members sensitized.

Disaggregation by district and seminar conducted

District	Female			Female Total	Male			Male Total	Grand Total	Both F and M		
	Seminar conducted				Seminar conducted					Seminar conducted		
	District	Sub county	CB O	District	Sub county	CB Os	District	Sub county	CB Os			
Nakaseke	15	17	3	35	21	32	10	54	89	36	49	13
Nakasongola	8	23	2	33	7	31	8	46	79	25	54	10
Nebbi	8	15	1	24	18	36	8	62	86	26	51	9
Grand total	31	55	6	92	46	99	26	162	254	87	154	32

Table 2: EASE-CA disaggregation by district and seminar conducted



Figure 4: Ease-CA Project partners during the Kick off meeting. Photo by JEEP.



Figure 5: Project partners after the Kick off meeting. Photo by JEEP.



Figure 6: JEEP staff during the baseline survey data collection. Photos by JEEP.



Figure 7 (left) Awareness seminar in Nakaseke district. Photo by JEEP.



Figure 8 (right): Awareness seminar in Nakasongola district. Photo by JEEP.



Figure 9: Nebbi district leaders after the awareness seminar. Photo by JEEP.



Figure 10 (left) Sub county awareness seminar in Nakansongola district. Photo by JEEP.



Figure 11 (right): Sub county awareness seminar in Nebi district. Photo by JEEP.



Figure 12: Nakaseke subcounty leaders after the awareness seminar. Photo by JEEP.

Solar Cold Storage and Lighting Project

Solar Cold Storage and Lighting Project

The goal of the project is to improve the living conditions for rural households and fishermen and women in Kalangala district, Uganda.

The purpose of the project is to increase access to sustainable and reliable energy services as evidenced by six women groups having access to solar powered cold storage and lighting services as a result of the project.

The expected outcome is the improved capacity of the six green power units to provide reliable and sustainable energy services as indicated by all six green power units attaining a positive cash flow from their sale of cold storage, solar lantern, phone charging and other services by the end of the project. An expected outcome is also the improved capacity of JEEP to expand and replicate this business model.

The key activities under the project in 2019 included monitoring visits to the women groups on the six landing sites of Namisoke, Kyamuswa, Lwanabatya, Ntuuwa, Buyange and Lukuba.

Solar cold Storage and Lighting Project has realized its objective of increasing access of women, fishermen and rural households in Kalangala district to sustainable and reliable energy services. The six women groups have already attained positive cash flow from the services offered in the Green Power units. Some groups have invested the money earned from the project in business ventures, including buying and selling silver fish (mukene). Other groups are offering small loans with low interest rates to their members. In addition, women, fishermen and residents in the six fishing villages are accessing cold drinks, and able to charge their telephones. Fishermen with few fish are storing it in the green power unit freezers, with storage capacity of 100 kilograms.

Project team were able to detect landing sites with relatively low positive cash flows and devised measures to offset gaps, e.g. routine monitoring visits to the women groups, involvement of sub county leaders in monitoring of the green power units. The sales revenue for the six power units for the year 2019 were 12,792,400 Uganda shillings which was an average summation of percentage of money sent to JEEP (5,066,400 Uganda shillings) and money retained by the women groups (7,726,000 Uganda shillings).



Figure 13: Solar refrigerator for drinks at Lukuba landing site. Photo by JEEP.



Figure 14: Solar refrigerator for fish at Lukuba landing site. Photo by JEEP.

The Light in Africa project is being implemented in the regions of Uganda by JEEP in partnership with ENIIG – Denmark. The project is targeting rural communities in Uganda with an ultimate goal of increasing access to renewable energy. This is being done through awareness creation on solar use, management and business. Little sun solar lamps are sold at a subsidized price and donation of solar refrigerators and lighting systems to health centers and schools with a major aim of ensuring increased access to renewable energy in the country.

The major activities conducted in 2019 under the light in Africa project included solar lamp distribution, replacements and installations. 2,287 lamps were distributed and 1 solar system with a solar refrigerator and a dozen of light bulbs around the health center was installed at Kafumu Health center II in Mpigi district, Mawokota Sub County.

Disaggregation by Region

District	Sold	Installations
Central Region		
Mukono District	222	-
Nakaseke District	72	-
Luwero District	61	-
Kampala District	33	-
Nakasongola District	72	-
Butambala District	71	-
Mpigi District	-	1
Eastern Region		
Tororo District	571	-
Iganga District	208	-
Amuria District	2304	-
Western Region		
Kasese District	1179	-
Northern Region		
Arua District	480	-
Nebbi District	72	-
Grand total	5345	1

Table 3: Light in Africa disaggregation by region.

Project achievements under the Light in Africa project in 2019 include;

- Increased use of solar energy in rural communities.
- Increased knowledge on the benefits of renewable energy.
- Improved household incomes.
- Increased access to renewable energy technologies.



Figure 15: Solar lamp distribution in Kasese district. Photos by JEEP.



Figure 16 (left): Solar installations at Kafumu Health center. Photo by JEEP.

Figure 17 (right): Newly installed solar refrigerator. Photo by JEEP.



Figure 18: Kafumu Health Centre II after the installations. Photo by JEEP.

Achomai Forest Restoration Project

JEEP applied to National Forestry Authority (NFA) and won Ochomai Central Forest Reserve in Kyoga range on the 13/June/2018 covering a total area of 25 Ha, the land is located in Kuju sub county, Teso sub region, Amuria district in the Eastern Uganda, 348 kilometers from Kampala.

The National forestry authority owns the land, under the management of Kyoga Range on block no. KY/OCH/08, which is 25ha in Amuria district. The land is leased at 15000 (Fifteen thousand shillings) annually as rent for a period 49 years. The afforestation for 49 years is for both restoration and business.

With financial support from Merkur bank Denmark, donations from friends such as Lene Høgh, JEEP in 2019 was able to plant a total number of 15,791 seedlings were planted. Among those planted, JEEP received 1,500 seedlings of *Maesopsis* and 500 seedlings of *Melliana* (*Gmelliana*) as donations from National Forestry Authority and 25 seedlings of *Grevillea* were donated by JEEP staff. 13,766 seedlings were procured by JEEP as illustrated in the table below:

Type of Seedling	Quantity Procured by JEEP	Donations	Total Planted
Maesopsis Emini	3,000	1,500	4,500
Teak	3,722	0	3,722
Giant lira	3,722	0	3,722
Melliana	3,222	500	3,722
Bamboo	100	0	100
Grevilia	0	25	25
Total	13,766	2,025	15,791

Table 4: Planted seeds in Achomai Forest Restoration Project

Awareness was also created to the nearby community members aimed at helping them learn more about tree planting, make business and also make them own and protect the forest. After the seminar, 25 *Melliana* tree seedlings were given to the sensitized community members to be planted in their gardens.



Figure 19: Labourers during the tree planting process. Photos by JEEP.



Figure 20: Spot weeding of the planted trees in Achomai forest. Photo by JEEP.

Clean Environment Initiative Project

The Clean Environment Initiative Project (CEIP) implemented in seven Secondary / High schools in Soroti Municipal Secondary School, Halcyon High School, Light Secondary School, Olila High School, Immaculate Girls School, Jeressar High School and Erimu College, all in Soroti District by partner Organization Joint Energy and Environment Projects (JEEP), Youth Leading to Environmental Change (YLEC) and Senior without Borders (SWB-Denmark) has been focusing on youth to ensure sustainability in behaviour change approach to environment management.

The developmental aim of this intervention was to *“create awareness for behavioural change in proper waste management, clean cooking and tree planting as mitigation measures to environmental degradation in Soroti District”* through a tailored hands-on approach of student Trainers of Trainers (ToTs) in energy saving stove construction, tree planting, tree nursery establishment and management and waste management where 319 members of School Environmental Clubs have increased their environmental capacity in order to address the problems around clean cooking, tree planting and waste management; 70 School administrators and Environmental Club Patrons have gained sufficient knowledge to act as agents of change and advocate for proper environmental management in their schools and neighboring communities through behavioral change; and engaged students have been inspired and supported by local leaders at the municipality level, district level who attend the training sessions in Environmental conservation and sustainable use of natural resources within Soroti District.



Figure 21 (left): Immaculate Girls high school students during the stove training practical. Photo by JEEP.

Figure 22 (right): Halycan high school students pose for a group photo with their shielded stove. Photo by JEEP.



Figure 23: CEIP stakeholders during the stakeholders meeting in Soroti Municipal boardroom. Photo by JEEP.



Figure 24: CEIP stakeholders during the stakeholders meeting in Soroti Municipal boardroom. Photo by JEEP.



Figure 25: Olila high school students after the stove training with their training manuals. Photo by JEEP.



Figure 26: The Clean Environment Initiative Focus Cycle.

Global Youth is part of Aalborg in Denmark. It was founded in 2012 and with a major aim of enhancing cross cultural understanding and empowering young people. Young Danish students (age 12-16) sign up for this project to learn about e.g. UN Global Goals, how to do fundraising, democratization, make presentations, etc.

Global youth in partnership with JEEP are implementing projects focusing on education, affordable and clean energy and access to clean water. Activities conducted in 2019 with support from Global youth include repair of Kabira shallow well, shallow well construction and installation of a standalone street lights for Street Child Care Uganda in Nakasajja and construction of a shallow well for Nalumansi primary school in Mpigi district.

As a result of these projects, schools and nearby communities reported improved access to clean water, improved security as a result of the security lights installed, and increased study time for the pupils in schools.



Figure 27: Nalumansi primary school pupils pumping water from the newly constructed shallow well. Photo by JEEP.



Figure 28: Shallow well for Street Child Care Uganda in Nakasajje. Photo by JEEP.

Fireless Basket Cooker Training in Kyaka II Refugee Camp

In 2019, JEEP was contracted by Kabarole Research Centre to train refugees from Kyaka II refugee camp in construction of fireless basket cookers. The purpose of the training was to build the capacity of the people of Kyaka II refugee camp on how to engage in renewable energy activities so as to reduce the hustle of the firewood scarcity and environmental degradation in and around refugee camps.

A total number of 22 people (4 males, 31 females) were trained on how to make hay basket cookers. Participants were trained on the usage and maintenance of hay baskets as well as marketing with the major aim of increasing household incomes at the same time conserving the environment.



Figure 29: Participants taking up measurements of clothes used to make a basket cooker/flask. Photo by JEEP.



Figure 30: Women sewing hay basket covers and staffing them with cotton. Photos by JEEP.



Figure 31: Participants pose for a group photo after the training. Photo by JEEP.

Consultancy services to design, construct, train and install institutional cook stoves in Sudan under the Eastern Equatorial Project

JEEP in 2019 was contracted by NIRAS under the Water for Eastern Equatoria Project here in South Sudan, in Torit State formerly known as Eastern Equatoria State that borders the Northern part of Uganda to construct, train and install institutional cook stoves. The project focuses on integrated water resources management, water for productive uses and safe water & improved sanitation. The consultancy was to ensure the **Kenneti Watershed** is managed in an integrated and sustained manner; and more specifically to prepare and create alternative efficient Energy Saving Stoves that will reduce higher consumption of fuel woods among selected institutions in the locality and to work towards changing communities' attitudes positively as regards natural resources management by using appropriate energy saving technologies.

Two large capacity energy efficient saving stoves of 300 liter saucepans and two baking ovens for bread were constructed. This was accompanied by training of six local artisans in usage and maintenance of the technologies.



Figure 32: Newly constructed baking oven (left) and institutional cookstoves (right) in South Sudan. Photos by JEEP.

Consultancy services to train women groups in Aswa and Maziba water catchment

Consultancy services to train selected women groups in cook stove production, woodlot establishment, business management and marketing in Aswa and Maziba water catchment

The Government of Uganda received funding from the Adaptation Fund for a project entitled “Enhancing Resilience of Communities to Climate Change through Catchment Based Integrated Management of Water and related resources in Uganda (EURECCCA)”. The EURECCCA project is executed by the Ministry of Water and Environment (MWE) and implemented by Sahara and Sahel Observatory (OSS). The project focuses on enhancing resilience of communities to climate change in three catchments, namely: Awoja found in Kyoga basin in Kyoga Water Management Zone, Aswa found in Aswa basin in Upper Nile Water Management Zone, and Maziba in found in Kagera basin in Victoria Water Management Zone.

The overall goal of the EURECCCA project is to increase the resilience of communities to the risk of floods and landslides in Awoja, Maziba and Aswa catchments through promoting catchment based integrated, equitable and sustainable management of water and related resources.

JEEP was therefore contracted by the Ministry of Water and Environment to build capacity of selected women groups, communities and schools in cook stove production, woodlot establishment, business management and marketing.

Major activities conducted in 2019 were trainings in construction of energy saving stoves, woodlot establishment, business management and marketing for 4 women groups in Maziba and 2 women groups in Aswa water catchment.

Number of people trained

Water catchment	District	Women group	Female	Male	Total
Maziba	Ntungamo	Rushebeya women group	38	1	39
		Rwendahi women group	54	15	69
	Rukiga	Kabale Women in Development	54	10	64
	Rubanda	Murkirwa women group	43	9	52
Aswa	Agago	Agago District Farmer's Association	33	19	52
	Otuke	Can Omiya Diro Women group	38	10	48
Total			260	64	324

Table 5: Number of people trained in Aswa and Maziba



Figure 33 (left): Practical sessions of the stove training in Aswa and Maziba. Photo by JEEP.

Figure 34 (right): Participants pose for a group photo after stove training in Aswa and Maziba. Photo by JEEP.

OTHER 2019 EVENTS IN PHOTOS



Figure 35: Murkiwa women group during the business management and marketing training. Photo by JEEP.

Fireless basket cooker training

JEEP members and staff from different districts received a training in Fireless basket cooker making at JEEP folkecenter. The training was conducted by JEEP in partnership with Afrishiners. 27 participants attended the training with 5 males and 22 females. This was aimed at building the capacity of the members and staff in the fireless basket cooker making for improved community livelihoods and environment conservation.



Figure 36: Fireless basket cooker training. Photos by JEEP.

Annual General Meeting 2019

The annual general meeting for 2019 was held at JEEP folkecenter with 34 members in attendance 18 females and 16 males. All formalities having been fulfilled (e.g., opening and welcome remarks, introduction of Board etc.) as in the agenda, quite some time was allocated to reports on different projects running during this year in review. The projects were mainly Solar Cold Storage and Lighting in Kalangala, Clean Environment Initiative Project in Soroti, Light in Africa, Restoration of Achomai forest in Amuria, and Global youth projects in Mpigi and Mukono districts. The meeting was also informed about the new project in the pipeline (that time), i.e., EASE-CA.

Most remarks and questions centered on the expected new project – EASE-CA. For example; why some districts were left out like Arua. It was explained to them that there will be chance to roll out to other areas after the three years.

At the A.O.B, a member from Mpigi inquired about opportunities for VSLA services for their groups. She was informed that JEEP does not limit her members to one organization but encourages them to join even other groups especially those providing services different from those of JEEP.



Figure 37: Chairperson Board of Directors giving a speech during the 2019 AGM. Photo by JEEP.



Figure 38 (left): JEEP staff presenting a report to the members during the AGM. Photo by JEEP.

Figure 39 (right): Lunch being served to the members during the AGM. Photo by JEEP.

Internship Students

JEEP hosted 13 interns (7 females, 6 males) from universities and institutions, namely Makerere, Kyambogo, Bugema, and Muteesa I Royal institute. The most benefit they derived from their two months stay at JEEP was the hands-on trials and trainings on stoves, briquettes, fireless basket cookers, vegetable growing and tree nursery establishment and management.



Figure 40: JEEP CEO interacting with the interns. Photo by JEEP.



Figure 41: Internship students during the briquette making session. Photo by JEEP.



Figure 42 (left): Internship students during the theory session of woodlot establishment. Photo by JEEP.



Figure 43 (right): Internship students pose besides their established keyhole garden. Photo by JEEP.



Figure 44 (above): Internship students during a practical session of using a solar box cooker. Photo by JEEP.



Figure 45 (left): Internship students during a practical session of backyard gardening. Photo by JEEP.

Volunteers

Each year like during the year under review, JEEP hosted 3 young volunteers from Canada, Germany and Kenya as in the pictures below. These young people also learn a lot from JEEP for example community engagement and work in rural communities while of course contributing to JEEP their own skills and knowledge.



Figure 46 (left): Keira from Canada during JEEP Open Day



Figure 47 (right): Claire from Kenya visiting a school in Luweero



Figure 48 (left): Dominique from Germany during JEEP Open Day



Figure 49 (right): Kyambogo University Students posing in front of JEEP Offices

JEEP Green Innovation Day

It was a lot of fun and a lot of green innovations. People enjoyed and learned a lot about environment friendly products. The day was attended by over 2000 people from government, private sector and learning institutions.



Figure 50: JEEP Green Innovation Day. Photos by JEEP.



Figure 51: JEEP Green Innovation Day. Photo by JEEP.



Figure 52: JEEP Green Innovation Day. Photo by JEEP.

We would like to appreciate NFRE, CISU, SWB, World concern south sudan, Ministry of water and environment, Merkur bank, Eniig, Afrishiners and friends such as Lene Hogh, Judy Stober among other donors who contributed to our annual budget. JEEP's financial base in 2019 was as follows;

NO	PROJECT	INCOME UGX	EXPENDITURE UGX	BALANCES UGX	COMMENTS
1	East African Civil Society for Sustainable Energy and Climate Action	143,985,691=	141,703,614=	2,282,077=	Still ongoing
2	Clean Environment Initiative Project	49,623,484=	49,391,956=	0=	Project ended.
3	Solar cold storage and lighting project	12,006,947=	4,773,800=	7,233,147=	Still ongoing
4	Merkur bank donation on Achomai forest	18,529,200=	10,630,000=	7,899,200=	Still ongoing
5	Light in Africa	105,120,000=	94,086,935=	9,215,523=	Still ongoing
6	JEEP income / Enterprise	362,195,722=	353,219,205=	8,976,517=	Ongoing
7	Total	691,461,044=	653,805,510=	35,606,464	

Table 6: 2019 Budget.

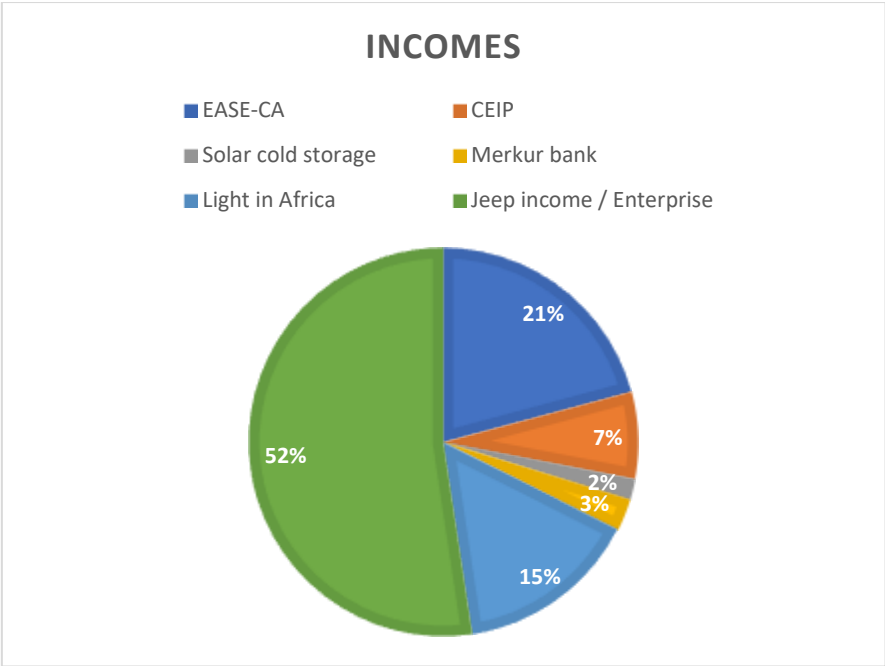


Figure 53: 2019 Incomes by source.

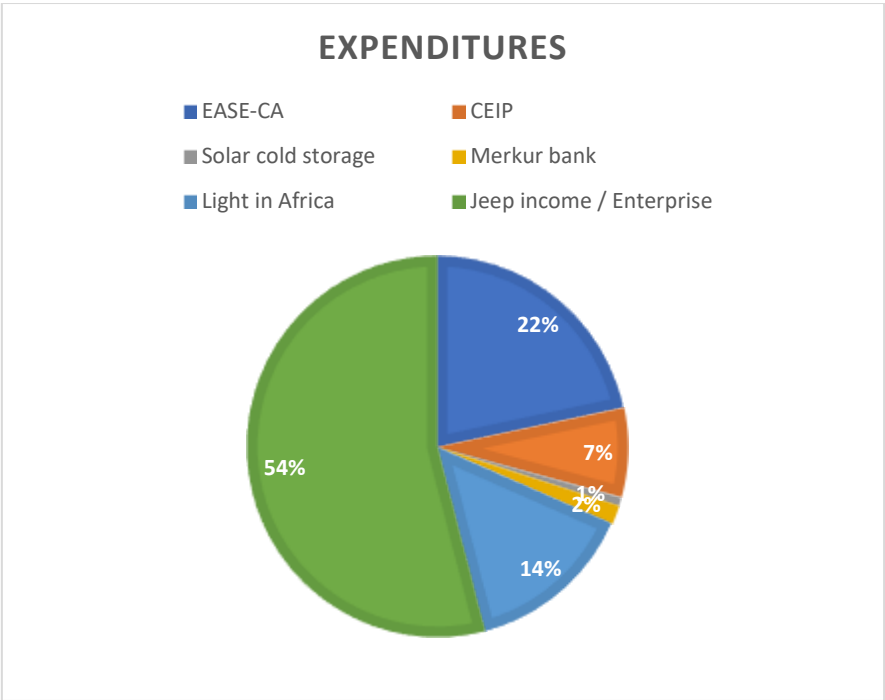


Figure 54: 2019 Expenditure by sector.



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