



Energy
Assistance

2017 Activity Report

7 AFFORDABLE AND
CLEAN ENERGY



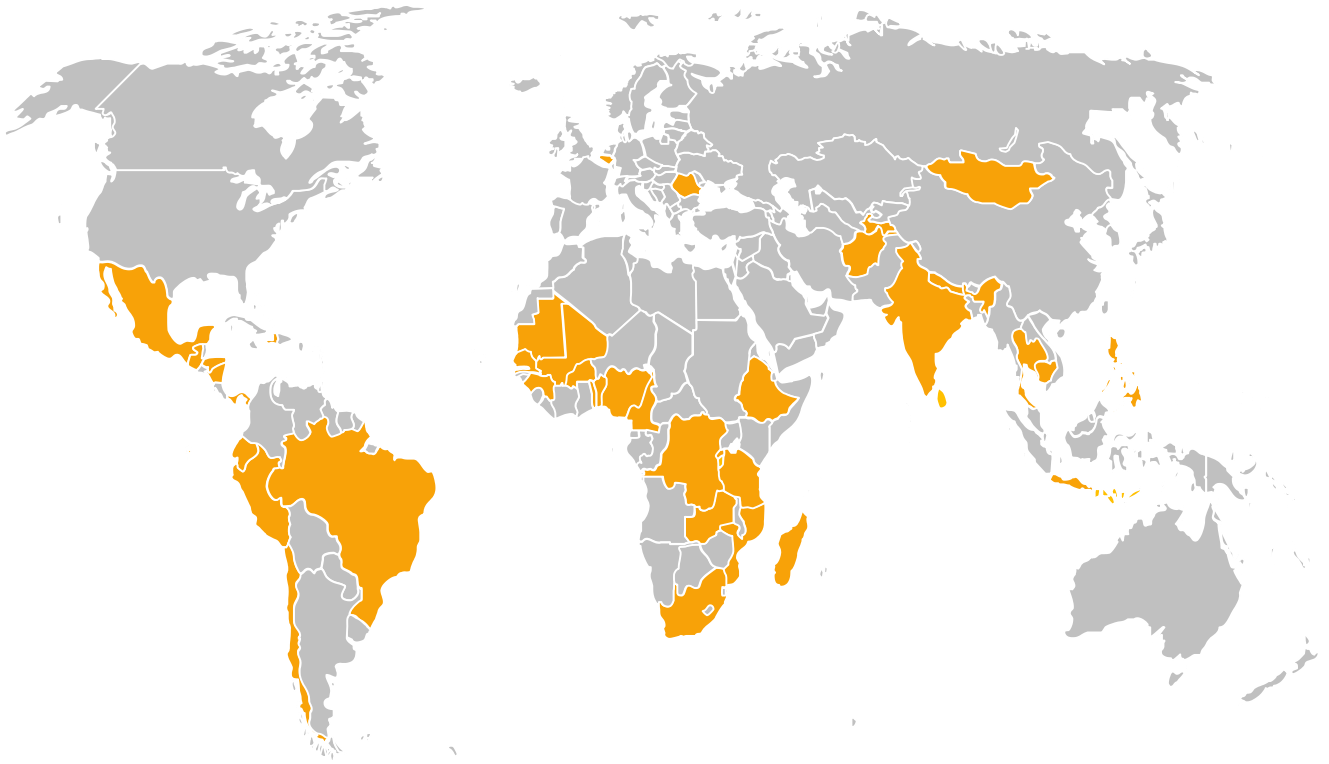
7 ÉNERGIE PROPRE
ET D'UN COÛT
ABORDABLE



SUSTAINABLE
DEVELOPMENT GOALS



Where



Brazil

Chile

Ecuador

Guatemala

Haïti

Honduras

Mexico

Nicarragua

Panama

Peru

Benin

Burkina Faso

Burundi

Congo (DR)

Ethiopia

Guinea

Madagascar

Mali

Mauritania

Mozambique

Belgium

Romania

Rwanda

Senegal

Sierra Leone

South Africa

Tanzania

Togo

Zambia

Afghanistan

Cambodia

Cameroon

India

Indonesia

Mongolia

Nepal

Sri Lanka

Tajikistan

Thailand

The Philippines

Timor

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Our association

Profile, Objective, Impact



Energy
Assistance

3.502.010

Profile

Energy Assistance

Energy Assistance is a non-profit association created in Belgium in 2001 by colleagues from the ENGIE Group.

Energy Assistance recruits volunteers, both active and retired, from the ENGIE Group and from the Belgian Distribution System Operators.

Sister associations

Energy Assistance France was founded in 2005; Energy Assistance Italia and Energy Assistance Monaco were both founded in 2011.

Objective

The objective of the association is to offer the skills and expertise of its members to give technical support to humanitarian projects that serve communities with little to no access to energy worldwide.

Impact

Between 2001 and 2017, Energy Assistance has contributed in giving access to electricity to more than 3,3 million people.



www.energy-assistance.org
<https://www.facebook.com/energyassistance/>

Editorial

Dear readers,

The initiative taken late 2016 to collect the equipment, for a series of projects in the DR Congo, in three containers was rolled out with difficulty for Lubumbashi, with uncertainty for Mosango and with relative ease for Kinshasa. However, in the end, only one of the twelve projects in question has yet to be implemented.

The important thing to note is that our association rolled out an amazing 21 projects in 2017, compared to the 12 implemented in 2016.

Encouraged by ENGIE's renewed commitment within the framework of the ENGIE Volunteers Program (EVP), we met in January for our 9th Volunteer Forum. This forum is an opportunity to get together, learn about our many new volunteers, and talk about our achievements as well as where we need to improve and look at our future aims.

In light of the major restructuring within ENGIE, some subsidiaries decided to put an end to some of their direct commitments. We are looking into new partnerships and hope to be able to realise them. At the same time, we are also striving to capitalise on the experience and expertise of those colleagues who have decided to retire early.

Looking at our 21 projects in 2017, omitting those in the DR Congo, we want to highlight our first partnership (others are in the pipeline) in Ethiopia, namely with Arba Minch University. As the university possesses a certain level of expertise in photovoltaic energy, we have confidence in the future partnership projects.

We have also opened up a new area for development - training teachers at a technical school in the Philippines. Creating a comprehensive course in electricity and solar energy will help to establish a new technical department at the school. Certainly an area to watch in the future! As for our other privileged partners, ORES has reaffirmed its commitment and in May they outlined the framework within which they want to continue lending support to Energy Assistance. Sibelga also continues to support us.

Lastly, communication, in all its forms, is becoming a major concern for all organisations. Every day again. The new website, our Facebook page, the Google Drive for project managers, as well as all other initiatives in this field enable us to showcase our work. We will increasingly use photos, videos, training materials, reports and testimonials to better demonstrate to our partners, sponsors and supporters the value of our achievements.

We would like to say a huge thank you to all of you, whether volunteers active in the field or in a supporting role, who voluntarily dedicate your time to these projects. Happy reading!

Marc Janssens de Varebeke
Executive Manager

Stan de Pierpont
Chairman

224 Projects since 2001

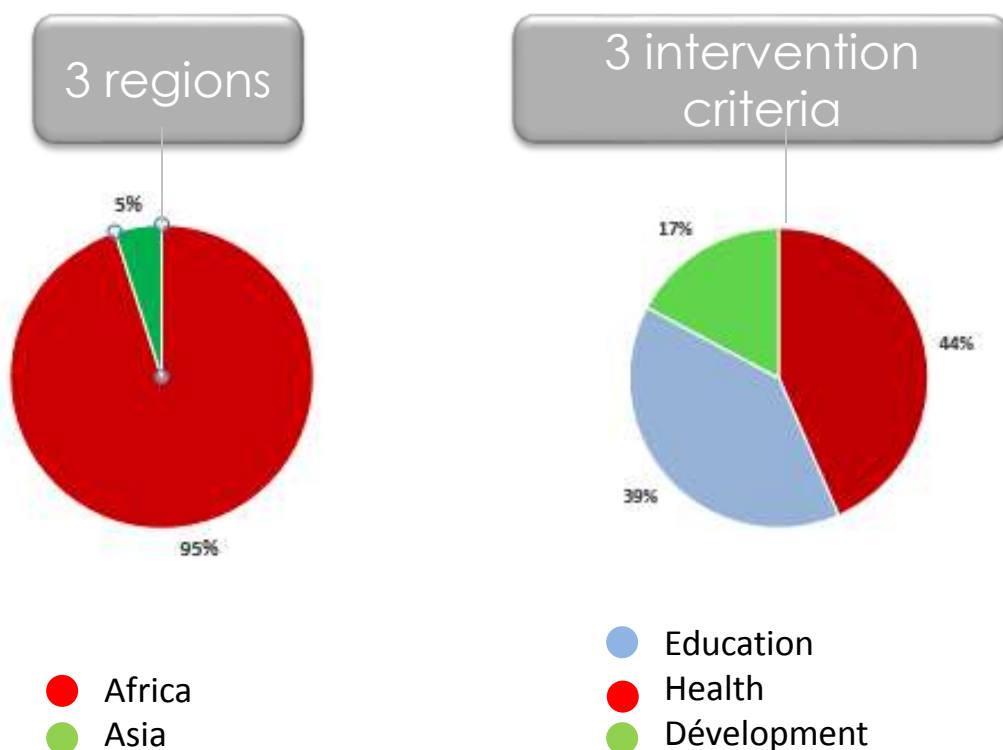
Since 2001, Energy Assistance has completed 202 projects, mainly in developing countries.

Historically, Energy Assistance's interventions were mainly based on objectives linked to the improvement of health and education.

Energy Assistance is diversifying the scope of its interventions, broadening it to local economic development perspectives.

Projects 2017

21 projects, 2 regions, 3 intervention criteria



Completed Projects in 2017

Sierra Leone

Kenema	Electrical installation with solar panel power system for a center and a school for visually impaired
Koidu	Electrical installation with solar panel power system for a center and a school for visually impaired

Zambia

Mpongwe	Hight Voltage Electrical connection and installation for a vocational training center
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Ethiopia

Demba Gofa	Electrical installation with solar panel power system for a college
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Benin

Agbidime	Electrical installation with solar panel power system for a community house / school
Dado	Electrical installation with solar panel power system for a community house / school
Tanguieta	Consultancy for IngenieuxSud UCL - solar panel power system for a soya mill

Philippines

Calauan	Technical school Don Bosco – Training project with a solar pannel implementation
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DR Congo

Mooto	Electricity production for the transformation and the use of the agricultural production, the carpentry and the maintenance workshop of the material
Selembao	Electrical installation with solar panel power system for a dressmaker training center
Yolo Sud	reference center for combating drepanocytosis in Kinshasa – reparations to installations
Kilengi	Electrical installation with solar panel power system for a hospital
Mosango	Electrical installation with solar panel power system for a hospital
Masi-Manimba	Electrical installation with solar panel power system for a hospital - reparations to installations
Kahemba CSGH	Electrical installation with solar panel power system for a health center - reparations
Kahemba HGR	Electrical installation for a hospital - reparations to installations
Yakamba	Electrical installation with solar panel power system for a hospital
Mwene-Ditu	Electrical installation with solar panel power system for a hospital
Mwene-Ditu	Electrical installation with solar panel power system for a professional school
Mwene-Ditu	Electrical installation with solar panel power system for a maternity / dispensary
Dibindi 2	Electrical installation with solar panel power system for a orphanage

Key figures 2017

Our projects in 2017

21	Completed projects
40	Projects considered by the Projects Committee
53	Projects under study or ongoing, end 2016

Our volunteers as of 31 December 2017

538	Man-Days equivalent for mission completions
28	Volunteers on mission, including 4 working on their first mission
25	Active projects managers, including 4 new ones supported by an experienced project manager

Our cumulative completions as of 31 December 2017

422	Projects considered by the Projects Committee
224	Completed projects
4.065	kW installed
3.502.010	Persons benefiting from (better) access to energy

Flagship projects 2017



Africa

Sierra Leone

Education & Training



Kenema and Koidu

Electrification of two schools for viewing impaired children

Period : January 2017

Volunteer on the field : Jan Tierens, Sébastien Rolin, Frans Ettienne

Direct beneficiaries : 180 pupils

kW installed : 3,9 kWp and 3,1 kWp



In January 2017, Energy Assistance conducted two projects in Sierra Leone. Electric installations fed by solar panels were installed in two schools for visually impaired children both in Kenema and Koidu.

Classrooms and dormitories have been fitted with lighting and power plugs. A laptop was also provided in each school so that kids can learn how to type.

This project was realized in partnership with the Belgian-Sierra Leonean association "Eye For Salone", together with which we had already conducted a project last year in the school of Newton.

Despite logistics issues and many unplanned events, these two missions have been successful.

Our volunteers were helped by several young local people for the assembly of the equipments.

In the end, teachers, students and families who live around these centers for the visually impaired now have access to electricity.



Flagship projects 2017



Africa
Ethiopia
Education



Demba Gofa

**Electrification of a primary and a high school in
Lyima Tsala**

Period : June - July 2017

Volunteer on the field : Jean-Paul Slegers, Luc Jaivenois et Miranda Totté

Collaboration : Université d'Arba Minch (Ethiopie)

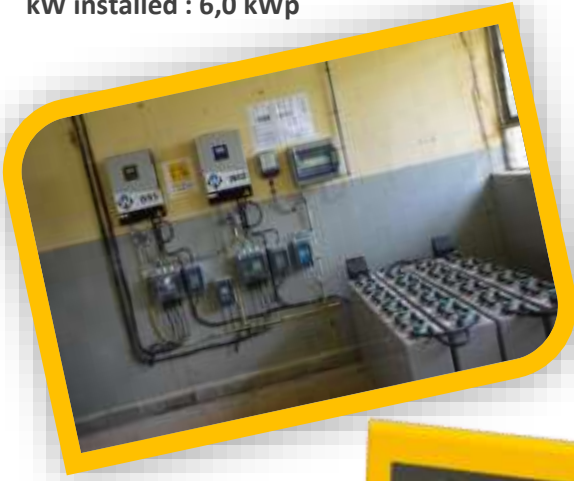
Beneficiaries : **700 pupils in primary and 400 students**

kW installed : 6,0 kWp

Beginning of July, Energy Assistance has completed the installation of solar equipment for the Lyima Tsala High School in Ethiopia.

This project has been made in collaboration with Zelalem Girma Giday of the Arba Minch University and the Sahay Solar Association Africa.

Congratulations to the volunteers who did a great job. Thanks to school electrification, the students will be able to pass their baccalaureate at site for the first time !



Flagship projects 2017



Africa

Zambia

Education & Training



Mpongwe

Electrification of a vocational training center

Period : October 2017

Volunteers on the field : Marcel Didden , Steff De Coster et Paul Heremans

Beneficiaries : 500 students

Installation : Connection to the grid 11Kv and electrification of the center



The foundation 'Give The Children of MPongwe a Future' (GCMF, see www.mpongwe.nl) has built the George Korsten Vocational Training Center in MPongwe. The centre enables local students to get a degree in organic farming, bricklaying or carpentry.

Once completed, the centre can host up to 500 students. GCMF called on Energy Assistance to assist in the design, planning and installation of the entire electricity system from the nearby Medium Voltage line up to the sockets and lighting in the building.



Throughout 2017, EA and GCMF made an inventory of the skills and a project plan was made which involved the EA volunteers, one subcontractor, a senior electrician in Zambia, 6 local students and 20 local worksmen.

During this two-week mission mission, the EA volunteers and the local workforce finalized the connection to the Medium Voltage grid, commissioned the MV/LV transformer and equipped rooms with sockets, inside- and outside lighting.



Highlights 2017



Annual General Meeting

The Energy Assistance General Assembly was held on March 16, 2017.

The chairman opened the Assembly by paying tribute to Philippe d'Hoop, who had recently passed away. Among other philanthropic activities, he served as project manager at Energy Assistance for many years.

Five director mandates were renewed at the Assembly. Gilles de Roubaix's time as a director had come to an end, and the Assembly thanked him sincerely for his work.

Several Energy Assistance field volunteers talked about their mission experiences performed during the preceding months in Togo and the DR Congo.



Let's Choose 2017

In 2017, in light of changes to ENGIE's policy, Energy Assistance did not receive any amounts concerning the work on the mobility plan geared towards the ENGIE Group's Brussels-based staff.

The amount for 2017 will however be paid retroactive with the amount of 2018, as of now under the new terms.



CEBE0

Several volunteers had the opportunity to attend an information session at CEBE0 Wavre. Our contacts with various electrical equipment manufacturers resulted in a range of documentation being made available to project managers.

In the near future, we hope to be able to organise training for all volunteers with these manufacturers and distributors.

Highlights 2017



Energy Assistance
WORLDWIDE HUMANITARIAN PROJECTS FOR ENERGY



WEBSITE

In the digital area, a special effort has been made this year: the third, completely upgraded version of our website has been launched.

Online Registration and Intervention Requests are the new major features.

We also used this opportunity to intentionally open our site further to our fellow associations, namely Energy Assistance France, Italy and Monaco.



Facebook

As it has been a vital tool over the past few years, targeting a different audience in a different way, it became increasingly clear that we also needed our own page.

We achieved this aim several months ago and hope to be able to be more reactive when communicating about our activities. Whether in the form of photos, videos or reports, we all need to be involved in putting our association in the spotlights.



Join us on

[Energyassistance](https://www.facebook.com/energyassistance)



Highlights 2017



● Ores



During the Board of Directors meeting in June, we received confirmation that the ORES Management Committee had decided, on May 12th 2017, to continue supporting humanitarian projects.

With this in mind, volunteers from ORES can benefit from certain facilities for missions undertaken for Energy Assistance.

It will still be possible to obtain decommissioned equipment according to certain rules.

Energy Assistance will also be incorporated into the Flexiplan Executives (arrondi solidaire).

An initial amount of €2,000 has already been promised to us for 2018.

● Banner-Up

We have created new displays in three languages.

They are a crucial tool for showcasing our association at events. From now on, the displays will always be present at events.



A non-profit Belgian association founded in 2001
with volunteers from the ENGIE Group



We offer our skills, our expertise
and our technical support worldwide

More than 200 projects completed,
about 10.000 man-days performed
by our volunteers and
3 millions people
with a better access to energy



www.energy-assistance.org



Highlights 2017



● 9th Volunteers' Forum

As the Tervueren buildings have been put up for sale, Louvain-La-Neuve provided a completely new setting for a group of fifty highly motivated volunteers to meet up early in the morning of Saturday, January 28, 2017.



It was an opportunity to look back on the past 15 years of the association in a range of fields. The lessons learned, as well as the reaffirmation of the desire to continue the association's work with ENGIE's renewed support.

A presentation was given on LED lighting, and also on the projects in Ulaanbaatar in Mongolia, Mukumary and Lukula - Kivuvu in the DR Congo, and Les Cajoutiers in Senegal.

Jérôme Fournet also took the opportunity to talk about the most recent achievements of the Energy Assistance France team.

Over lunch, the many volunteers in attendance managed to plan out the details of a number of future missions.

● Christmas Market



There is always a possibility of buying it!



A Christmas market was held in the entrance hall of the ENGIE Tower for the second time.

Energy Assistance had a stand at the market selling reusable bags. This was a huge success, given that many supermarkets and other shops have banned plastic bags.

Highlights 2017



● ENGIE Volunteers Program (EVP)



The dedication and social commitment of ENGIE's employees is shared with the values by the ENGIE Group.

Simplifying access to solidarity initiatives through projects from internal NGOs makes it possible to cement this commitment and meet the wishes of many employees who want to get involved.

The ENGIE Volunteers Program (EVP) is the Group's body responsible for guidance and coordination between all employee humanitarian associations in the field of energy.

As proof of this desire to get involved, Ana Busto, Executive Vice President of the ENGIE Group, is chair.

It is within this framework, which was set out in 2016, that ENGIE supports our association's projects, as well as those of our sister associations Energy Assistance France, Italy and Monaco. In 2017, special attention was paid to intensify the coordination between the various Energy Assistance associations and ENGIE's Social and Environmental Responsibility Department.

Following on from a range of preparatory meetings, the strategic arrangements concerning communication and partnerships with Group BUs were validated during two Steering Committee meetings in March and October 2017.

Other partnerships will be addressed during other meetings in 2018.



● QR code

Scan the code and you will immediately be redirected to our website.

Simple, quick and efficient with your smartphone.

● Sibelga

A The past year, at various occasions, we have benefited from Sibelga's financial participation, both directly and indirectly.



Highlights 2017



● Trainees

In 2017, we also welcomed two young students who spent several weeks working as interns.

This was a chance for them to get to grips with the world of work, and also offered us a helping hand in creating our new website and Facebook page.

The tidying up of the various files and creating a comparative reference with other NGOs active in the field of energy has been very much appreciated.

● Training Certificate

Taking on board suggestions made by certain volunteers returning from missions, we have introduced a training with training certificate.

This is an important tool for the local people following-up the installation after we leave.



● Security

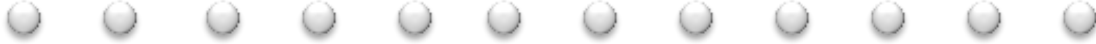
The safety of our volunteers is a top priority for Energy Assistance.

As such, several missions planned in the DR Congo had to be cancelled in 2017 due to safety reasons.

As we were unable to reasonably foresee a possible date for rolling out these projects, the equipment which had already arrived on site, had to be implemented by local electricians. This in order to avoid running the risk of losing the equipment.

In light of the restructuring of ENGIE NewCorp, we had the opportunity to take part in preparations concerning safety.

Highlights 2017



Dynamic@Work



We have also been impacted by ENGIE's new working method of dynamic workspaces.

However, this provided us with an opportunity to have a thorough clear out of the association's stock.

We passed on a number of supernumerary goodies to our French, Monegasque and Italian colleagues.

The last fuses and other small pieces of equipment, collected last year from the warehouses in Forest, were particularly welcomed by the association Le Piment, which trains disadvantaged youths as electricians.

Lastly, the association's oldest archives have been entrusted to Oasis. Should we require a document in the future, we will have to wait several days to receive it.

The team is now located on the 13th floor in the B aisle of the ENGIE Tower with everything we need to operate smoothly at our disposal. optimal.

Yammer

One tool has asserted its presence within the ENGIE Group.

Similar to Facebook, Yammer lets users communicate and exchange on a range of subjects, both professional and personal.



Evaluation Team

For several years, Willy Vanderelst was part of the unit that studied intervention requests.

As he wanted to focus more on more personal projects, he's leaving the company. It is with regret but considerable gratitude that we thank him for his work in the unit.

At the same time, we are delighted to welcome Léon Charlier, Willy's replacement. rôle.

Highlights 2017



● SECURITY – Mobile Satellite

Though we have supplied a satellite phone in the past, it was underused and quite expensive.

In light of the growing problems in the DR Congo in particular, we have decided to turn to a specialist rental company located in Zaventem airport.

We can now have as many phones as we need, at the same time, for a lower total cost.



● Container DR Congo

In late 2015, with a view on performing as many missions in the DR Congo as possible, the decision was made to group all mission equipment and send it in three, 40-foot containers.

The first went to Kinshasa with equipment for Yakamba, Dibindi and Yolo-Sud. The second went to projects close to Mosango and Kahemba, while the third went to Lubumbashi for the projects at Mwene-Ditu, Mbuji Mayi and Kapanga.

Throughout 2017, a range of constraints regarding logistics, customs and transport called for constant energy and vigilance from team members.

● Standard list « small material »

They had to remember not to forget any equipment, they had to ask for a quote, place the order, draw up transport and customs documents, etc..

A standard list of « small material » is gradually being compiled to help everyone and prevent repetitive, unnecessary tasks.

Selection criteria of projects

RELATED TO ENERGY

Candidate projects must be related to the energy sector or to energy services.

HUMANITARIAN ASPECTS

Projects must comprise a humanitarian aspect (i.e. meet a basic need of the local population) and/or help to induce local development.

MEMBERS' INVOLVEMENT

Projects must be based on the active voluntary participation of the association's members and not limited to "funding only". A limited call to skills not available among members could however be accommodated.

TECHNICAL AND ADMINISTRATIVE FEASIBILITY

Projects must be deemed feasible, i.e. the basic idea and technical concept must be valid; each project must be on an appropriate scale and tailored to the local environment; transport must be possible; and the local authorities must be in favour of the project or at least neutral.

BUDGETARY FEASIBILITY

The required investment must be limited and should normally be less than the value of the services provided by the volunteer. However, certain exceptions could be considered for projects that significantly boost development.

LOCAL DEMAND

Projects must meet a genuine demand on the part of the local population, which itself must be committed to participating in the project's completion and operation.

SUSTAINABILITY

Projects must have decent prospects of lasting. Furthermore, the local population must be able to operate and take care of the equipment provided. Ideally, the project should foster continued local development.

SAFETY

A project must be carried out under conditions that at all times are acceptable to the parties involved.

SUSTAINABLE DEVELOPMENT

Project objectives must be set out in accordance with the principles of sustainable development. Each project must strike the right balance between its economic, social and environmental components, whilst also striving to reduce energy consumption. Specifically, projects must favour the use of the most environmentally-friendly methods and resources available and also of renewable energy sources, with a view to limiting pollution.

NON -COMPETITION

Projects must not compete with other aid programmes run by third parties or with the commercial activities of local companies or organisations.

Volunteering 2017

Mobilising our volunteers

Added value of our support volunteers

Martin André ENGIE Electrabel GEM

M

First trip in DR Congo

For A last-minute replacement on a mission encompassing several projects in the DR Congo, this is me at the departure lounge in Zaventem, waiting to board my flight to Africa with equipment and tools in my cases. I meet my teammates for the next couple of weeks.

Me, the "numbers guy" of the trading room, and two experienced technicians from Tractebel and Doel. The atmosphere is filled with electricity, and that is exactly what we are taking with us to Africa - electricity.

Zaventem- Kinshasa Procure-jeep-toll booth/inspection-jeep-inspection-jeep.

The first project is tough. The hospital is huge and its needs are enormous. After several days on the roof, most of the work is done and we decide to continue on our electric journey.

Jeep-landscape-jeep-toll booth/inspection-jeep-....

It is far away, it is beautiful, but it is worth it. The landscape is gorgeous. I am amazed by the power it emanates and charmed by the people we meet. I am becoming more and more African.

A health centre, a hospital. We stay with some charming nuns. So, in addition to getting to grips with the technical and linguistic side of our mission, I am tested on my catechism. A success overall (aside from a bit of tourista) - the electricity is up and running and we are already back on the road.

Jeep-landscape-jeep-toll booth/inspection-jeep-....

The pace is terrible, the days long and the journeys trying. My two sidekicks are making the best of it (they skip meals, do not drink, and so on). I had imagined this to be more relaxing but I realise the importance of what we are doing and it is definitely worth the effort.

Our mission is valuable and we have to do our best. I had never realised that electricity is a luxury, had never imagined a hospital without it. To us, electricity is a given, but imagine delivering a baby, in the dark, where the doctor just has a headtorch.

Return to Kinshasa... Jeep-landscape-jeep-toll booth/inspection-jeep-....

And here I am back at Zaventem, enthralled by the strength and hospitality of great Africa. Impressed by the scope of our adventure and the quality and dedication of all involved.

This makes me really happy, and that is enough for me.

Our organisation

GENERAL ASSEMBLY

The General Assembly is composed of the full members (*with a right to vote*) and the associate members. The General Assembly elects amongst its full members the directors of Energy Assistance.

BOARD OF DIRECTORS

The General Assembly elects the Board of Directors among its members. The Board has the broadest powers to manage and administer the association. It is competent for all actions that are not reserved to the General Assembly.

As of 31 December 2017, the Board of Directors consisted of :

- | | |
|---------------------------|--------------------------|
| • Stan DE PIERPONT | Chair |
| • Jacqueline STUBBE-LEROY | Vice-Chair and Secretary |
| • Miklos ALMASY | Treasurer |
| • Pierre CATLIN | |
| • Brigitte DIERCKX | |
| • José JACQUEMART | |
| • Christine MARCHAL | |
| • David MARTENS | |
| • Tony MOENS DE HASE | |
| • Michel MOUYART | |
| • Eddy NOBEN | |
| • Benoit ROOST | |
| • Xavier SINECHAL | |
| • Jacques SPELKENS | |
| • Marc VAN BEIRS | |
| • Emmanuel VAN INNIS | |

EXECUTIVE MANAGER

The Board of Directors delegates the day-to-day management to an Executive Manager, with defined powers. Since January 2016, Marc Janssens de Varebeke is Executive Manager of Energy Assistance.

Our sponsors

Energy Assistance thanks all its partners :

ENGIE
ENGIE TRACTEBEL
ENGIE COFELY SERVICES
ENGIE FABRICOM

ENGIE FOUNDATION

ENGIE ELECTRABEL
ENGIE LAB (Laborelec)

ORES
SIBELGA

Members
Private Donators

Energy Assistance Team



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Annual Results

On 31 December 2017

	31/12/2016	31/12/2017
REVENUES		
GDF SUEZ group financing	280.421 €	237.929 €
<i>Structural fundings from the group</i>	210.000 €	215.000 €
<i>Other fundings from the group</i>	70.421 €	22.929 €
Private donations	8.000 €	14.650 €
Membership fees	2.240 €	2.035 €
Members donation	3.629 €	5.370 €
Greeting cards' sale	1.728 €	485 €
Financial revenues	418 €	276 €
TOTAL REVENUES	296.436 €	260.746 €
EXPENSES		
Structural expenses (office, administration,...)	- 14.728 €	-9.814 €
Insurance expenses	- 989 €	-246 €
Projects-related expenses	- 250.290 €	-375.390 €
<i>Material purchases</i>	- 214.368 €	-195.455 €
<i>Material transport</i>	- 3.164 €	-149.871 €
<i>Volunteers travel costs</i>	- 32.758 €	-30.065 €
Financial expenses	- 1.653 €	-2.340 €
Others	0 €	-80 €
TOTAL EXPENSES	- 267.659 €	- 387.870 €
ANNUAL RESULTS	28.777 €	-127.124 €



Energy
Assistance

Energy Assistance asbl – vzw
www.energy-assistance.org



<https://www.facebook.com/energyassistance/>



Your donations are welcome on bank account:

IBAN : BE98 3101 6758 7693

BIC : BBRUBEBB

Our sincere thanks for helping us!

**Tax deductibility document for all gifts as from € 40.
45 % tax reduction within the limits of 10 % of your taxable income.**

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