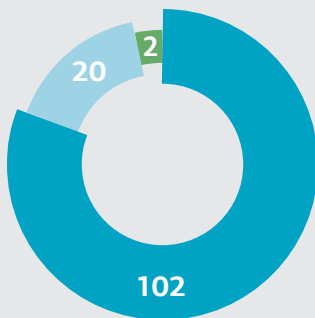


# Key facts and figures 2013

**124** projects currently in progress

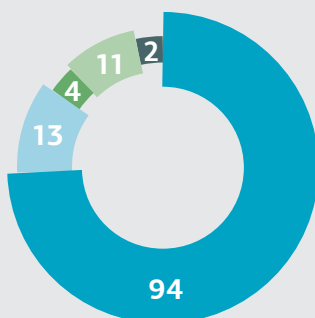
**35** countries in which we are working

*Development projects lie at the heart of our activities*



- Development projects
- Expert advice
- Emergencies

*Africa is home to most of our projects*



- Africa
- Asia
- Latin America
- The Caribbean
- The Middle East



Public light in Guiuan, Philippines

**It is self-evident: the fight against poverty through sustainable access to electricity is essential to the human and economic development of the poorest peoples.**

Based on this observation, Electriciens sans frontières, a registered charity and international NGO has for nearly 30 years been at the service of people without electricity, to provide them with sustainable, efficient, affordable and environmentally-friendly access to energy and reduce their use of fuels such as candles or kerosene lamps that are expensive, harmful to their health and detrimental to the planet.

Our 1,000 volunteers, the driving force behind our activities, put their skills into practice in three areas:

## **Development**

We establish projects to provide access to electricity and water so as to contribute to improving education, healthcare and economic development in remote areas. We also participate in:

- **Improving conditions for educational and academic achievement** by lighting schools and vocational training centres.
- **Improving conditions in healthcare centres** by providing electrical power in clinics and hospitals, thus ensuring safer childbirth, allowing vaccines to be stored in refrigerated conditions and making possible the use of modern medical equipment.
- **Facilitating access to clean running water** through the installation of solar-powered water pumps, thus contributing to reducing infant mortality and empowering women, reducing their work and promoting their involvement in the financial management of electrical installations.
- **Developing the local economy** by supporting the creation of income-generating activities and the development of market gardening and craft work by installing water conveyances, electric pumps for wells and electrical power for machine tools.
- **Protecting the environment** by focusing on renewable energy sources such as the sun and water to produce electricity from photovoltaic systems or hydraulic turbines.

## **Emergency**

We take action in humanitarian crises to enable other international aid providers to intervene in the best possible conditions (providing electrical power for hospitals and lighting survivor search areas). We also act directly on behalf of disaster victims, contributing to their safety and enabling them to maintain social contact throughout the night, in particular through providing lighting in public spaces. Our involvement continues during the reconstruction phase.

## **Expertise**

We provide support and expertise to our partners in developed and developing countries, to international aid providers and civil society in implementing projects to provide access to electricity and water, ensuring their facilities are safe and enhancing their abilities to respond.

# OUR ACTIVITIES IN 2013

## **ELECTRICITY IS ESSENTIAL TO ALL HUMAN AND ECONOMIC DEVELOPMENT**

Development projects are at the heart of Electriciens sans frontières' activities: 102 of these were in progress at the end of 2013. To meet the specific needs of remote rural areas, we address the issue of access to electricity from the point of view of demand, taking into account the geographical, social and economic characteristics of the peoples who request our help and we bring them efficient solutions that are appropriate to their environments. Our approach is based on constructing distributed facilities that satisfy sustainability and energy efficiency criteria, while making maximum use of local and renewable resources.

### > EDUCATION

#### **NEPAL** SCHOOL LIGHTING IN DEOSA

At the request of the village committee in Deosa we installed a hydroelectric turbine connected to the village's main secondary school and its four primary schools. We also installed floodlights out of doors to allow students living near the schools to play in the evening and enabling the villagers to gather there. One person was trained to operate and maintain the facilities and a village committee was established to ensure the facilities were maintained and funded.



#### **SENEGAL** SOLAR POWER FOR KOUBA

Following requests from the Kouba Kambeng village association and the ANIMA (*Association Nyonnaise d'Interventions Médicales en Afrique*) association, we constructed a photovoltaic power station to provide electricity for the health centre, the maternity hospital, the schools and the teachers' houses which will contribute to improving the education of 310 children in school and access to healthcare for the 2,000 residents of Kouba. We trained a technical team to operate and maintain the facilities and made the population, students and teachers aware of electrical hazards.



### > HEALTH

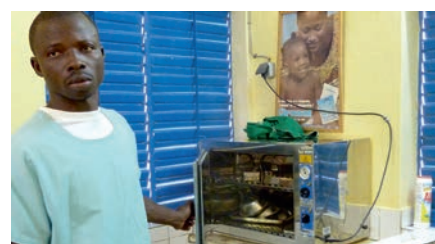
#### **DEMOCRATIC REPUBLIC OF THE CONGO** PROVISION OF ELECTRICITY FOR HEALTH CENTRES IN MOSANGO

We implemented solar power installations in two health centres and nursing homes in the villages of Kasay and Mulu at the request of the AMC (*Association Aide Médicale au Congo*). A forthcoming project will enable a hospital and additional health centres to be provided with electricity as well as enabling the systems installed during the initial project to be monitored.



#### **BURKINA FASO** INCREASING THE RELIABILITY OF THE ELECTRICAL INSTALLATIONS AT THE SAPONÉ MEDICAL CENTRE

At the request of the "Solidarité Santé" association we audited the electrical installations at the medical centre with its surgical wing in the village of Saponé to define what compliance work was needed and to optimize the available energy mix. The objective was to ensure the safety of the power supply, to improve caregivers' effectiveness, capacity and responsiveness and to avoid local people having to make long and expensive trips to Ouagadougou for specific medical tests.



### > WATER

#### **CAMBODIA** WATER SUPPLY FOR THE VILLAGE OF SVAY SAR IN CAMBODIA USING A SOLAR PUMP

Following a request from the Svay Sar municipal development association to solve the village's water supply problems, we sank deep wells, installed pumps powered by solar panels and supplied several hydrants, thus contributing to improved water quality and reducing the risk of disease.



#### **CAMEROON** WATER FOR THE YOUNG BLIND PEOPLE'S CENTRE AT BAFOU, DSCHANG

Caritas Genève approached us to resolve the electrical and water supply problems at the Young Blind People's Centre in Dschang. We installed the water supply there and built three standpipes, as well as in the village. A management committee has been set up to collect fees for water taken from standpipes. The income thus received is allocated exclusively for the maintenance of the water network and maintaining the submersible pump system.



# OUR ACTIVITIES IN 2013

## > DEVELOPMENT OF ECONOMIC ACTIVITIES

### CAMEROON

#### HELPING THE DEVELOPMENT OF SHRIMP FARMING IN KRIBI

The *Bleu Cameroun* association approached us to support its shrimp farming development project. On an initial visit we were able to identify local stakeholders, establish an initial diagnosis of what electrical solutions should be implemented and collect the information needed for the operation and deployment of family farms. A training programme will be delivered to ensure the autonomy of local players in implementing the farms and maintaining the equipment.



### BURKINA FASO DEVELOPING THE PRODUCTION OF A SHEA MANUFACTURE CENTER AND A SOAP FACTORY

The SEMAFO Foundation approached us to provide electricity to a shea manufacture center, a soap factory in Yona and a health center in Mana. We managed the project from France thanks to the help of a local electrician we met during a previous mission and thanks to the Foundation's support. We installed solar panels and a solar freezer for the health center. The local electrician was in charge of training the women's association and the management committee's members so that they will be able to maintain the facilities.



## ELECTRICITY IN EMERGENCIES

In the event of humanitarian disasters we are able to mobilize our network of volunteers and partners rapidly to provide our support to other emergency NGOs and the populations affected.

### PHILIPPINES PROVIDING LIGHTING AND SAFETY TO TYPHOON VICTIMS

In 2013 we put our experience and know-how at the service of the Philippines after Typhoon Haiyan struck the archipelago. 21 volunteers responded to the electrical needs of various organizations such as the Mayor of Guiuan, MSF Belgium and the International Organization for Migration to provide electricity for hospitals, drinking water pumping stations, and tent cities for relocating displaced families and isolated villages. To provide safety and help life resume its normal course, 650 lighting points, 96 power generators and 28 km of cable were installed between November 2013 and February 2014.



### HAITI CONTRIBUTING TO THE WORK OF RECONSTRUCTION

In Haiti, emergency activities initiated following the earthquake in 2010 gave way to reconstruction work. In 2013 we received many requests for the electrification of schools, some of which will be implemented in 2014. We are also working with the Haiti Futur association on a programme of solar electrification for 1,000 schools, designed in particular for the deployment of interactive whiteboards. As part of this project supported by the French Embassy and the World Bank, *Electriciens sans frontières* will undertake the delegated project management. The first installations should be completed during 2014.

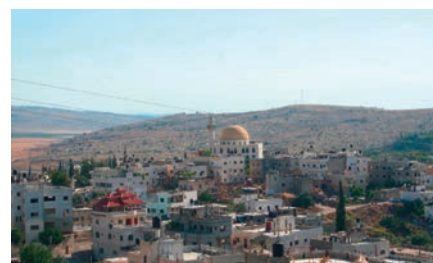


## ELECTRICITY FOR HUMANITARIAN ACTORS AND CIVIL SOCIETY

We provide expertise to French local authorities to help them by providing access to energy and water to local authorities in developing countries.

### PALESTINE SUSTAINABLE ENERGY AND PUBLIC LIGHTING IN BEIT SIRA

The town of Montreuil in France requested our help to carry out an expert study on the possibility of providing street lighting in the village of Beit Sira with which it is paired. We have proposed two solutions: either optimizing the operation of the existing street lighting, including reducing the total power consumption of the installed lamps, or the installation of solar panels on the roof of the town hall that would inject power produced during the day into the network to offset the consumption of street lighting at night. This innovative and economical solution reuses most of the existing facilities while avoiding expensive investments such as storage batteries.



# FINANCIAL REPORT

## 1 - WHERE DID OUR OVERALL INCOME COME FROM?

The association's global income consisted of 34% financial income (€ 2,473K) and 66% of voluntary contributions in kind (€ 4,717K), giving a total of € 7,190K in 2013.

FINANCIAL INCOME IN € THOUSANDS	INCOME RAISED IN 2013	INCOME RAISED IN 2012
1 - Funds raised by the public	€ 78K	€ 62K
2 - Other private funding	€ 1 650K	€ 1 402K
3 - Grants and other public subsidies	€ 561K	€ 489K
4 - Other income	€ 184K	€ 160K
<b>Total financial year income recorded in the profit and loss account</b>	<b>€ 2 473K</b>	<b>€ 2 113K</b>
Changes in provisions	€ 75K	€ 8K
Allocated income carried forward from previous years	€ 834K	€ 1 533K
Insuffisance de ressources de l'exercice	35 k€	31 k€
<b>Grand total</b>	<b>€ 3 417K</b>	<b>€ 3 684K</b>

VALUE IN € THOUSANDS OF VOLUNTARY CONTRIBUTIONS IN KIND	2013	2012
Volunteer work	€ 4 411K	€ 5 612K
Services in kind	€ 157K	€ 27K
Donations and cost waivers	€ 149K	€ 705K
<b>Total voluntary contributions in kind</b>	<b>€ 4 717K</b>	<b>€ 6 344K</b>

### 1.1 - Financial income

Our financial income amounted to € 2,473K and consisted of **income raised from the public, private funds, grants and other public subsidies and other income.**

- **Income raised from the public** amounted to € 78K in 2013, an increase of 26% compared with 2012. Following Typhoon Haiyan that hit the Philippines in November 2013, Electriciens sans frontières appealed to the generosity of the public which raised € 32K, 40% of the income raised from the public during 2013.

The importance of access to electricity remains a largely unrecognised cause amongst the general public, which explains the small proportion of our financial income raised through their generosity. However, it is invaluable to us in carrying out our activities.

100% of the year's income was employed during the year: 86% provided funds for social missions abroad (including € 32K for our project resulting from Typhoon Haiyan in the Philippines), 8% was devoted to fundraising expenses and 6% to operating expenses.

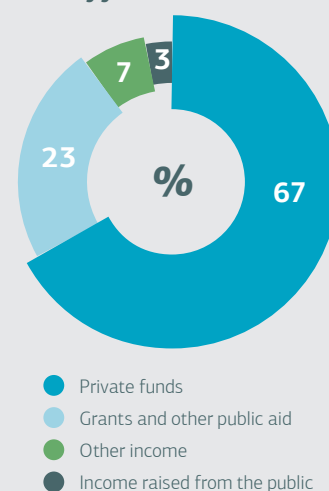
- **Private funding** amounted to € 1,650K and was made up of 35% from corporate donations, 61% from donations by business foundations and associations and 4% from donations by works councils and consortia.
- **Grants and other public subsidies** amounted to € 561K; 21% of this was from subsidies from the electrical trade unions and 79% from local authority, water agency and state agency grants.
- **Other income** (membership fees, craft sales, financial products, services and expertise) amounted to € 184K.

### 1.2 - Voluntary contributions in kind

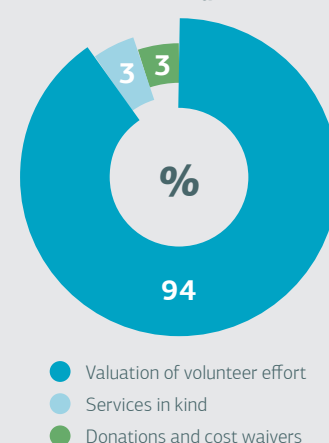
Voluntary contributions in kind amounted to € 4,417K and consisted of the **valuation of volunteer effort, benefits in kind, donations in kind and cost waivers.**

- **The valuation of volunteer effort**, at a rate at € 265 per day, quantifies its important contribution. The valuation rate is based on the skills sponsorship agreements signed between Electriciens sans frontières and its partners. In 2013, 16,646 volunteer days were contributed, calculated as being worth € 4,411K.
- **Services in kind** were valued at € 157K and covered the provision of consultants on projects, service delivery, the value of the rent of the headquarters offices and the provision of the chief executive as part of a skills-based sponsorship.
- **Donations in kind and cost waivers** were valued at € 149K. They consisted partly of donations in kind (€ 91K - materials given by our partners). Without them, Electriciens sans frontières would have had to have bought the materials at a market price of € 491K. Cost waivers, the other part (€ 58K), were volunteers' travel expenses for which they had waived repayment. The value of donations in kind and cost waivers decreased by 82%. In 2012, an exceptional gift of solar panels sharply raised the value of this part.

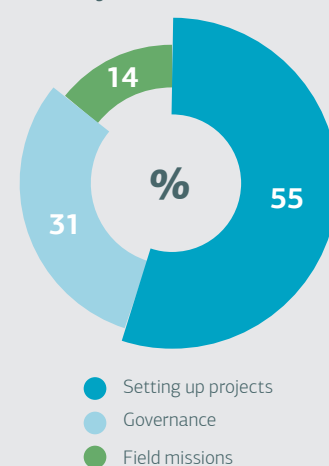
Breakdown of financial income



Total voluntary contributions in kind



Distribution of volunteer time



## 2 - WHAT WERE OUR OVERALL EXPENSES?

Our overall expenses included two components: expenditure of income (€ 1,995K) and voluntary contributions in kind (€ 4,717K) giving a total of € 6,712K in 2013.

EXPENDITURE OF FUNDS IN € THOUSANDS	EXPENDITURE IN 2013	EXPENDITURE IN 2012
1 - Social missions carried out abroad	€ 1 706K	€ 2 230K
2 - Fundraising expenses	€ 159K	€ 153K
3 - Operating expenses	€ 130K	€ 119K
<b>Total financial year expenditure recorded in the profit and loss account</b>	<b>€ 1 995K</b>	<b>€ 2 502K</b>
Depreciation, amortization and provisions	€ 45K	€ 167K
Projected use of allocated income	€ 1 377K	€ 1 016K
Excess income for the financial year	€ 0K	€ 0K
<b>Grand total</b>	<b>€ 3 417K</b>	<b>€ 3 684K</b>

VALUE IN € THOUSANDS OF VOLUNTARY CONTRIBUTIONS IN KIND	2013	2012
Social missions	€ 3 777K	€ 5 195K
Fundraising expenses	€ 448K	€ 576K
Operating expenses and other costs	€ 492K	€ 573K
<b>Total voluntary contributions in kind</b>	<b>€ 4 717K</b>	<b>€ 6 344K</b>

### 2.1 - Expenditure of income (€ 1,995K)

86 % of our financial income was allocated to social missions (€ 1,706K), a decrease of 23% compared with 2012. This does not reflect a decline in the number of projects initiated but is related to tasks carried out remotely, or delayed because of safety problems in some of the countries where we operate, or the financial closure of projects still under way in late 2013. 8% of financial income was devoted to fundraising expenses and 6% to operating expenses.

**Highlighting our use of income raised from the public:** 100% of it was used during the year: 86% provided funds for social missions we performed wholly abroad, 8% was devoted to fundraising expenses and 6% to operating expenses.

### 2.2 - Voluntary contributions in kind (€ 4,717K)

80 % of voluntary contributions in kind were devoted to the NGO's social missions, 10% to fundraising expenses and 10% to operating expenses and other expenses.

## 3 - BALANCE SHEET SUMMARY

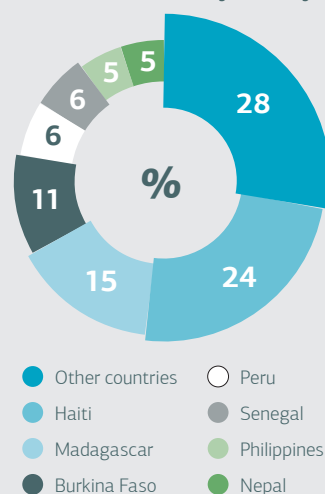
ASSETS IN € THOUSANDS	YEAR ENDED 31 DECEMBER 2013	YEAR ENDED 31 DECEMBER 2012
	NET	NET
<b>TOTAL I - Fixed assets</b>	<b>€ 40K</b>	<b>€ 15K</b>
Inventories	€ 64K	€ 43K
Down payments made	€ 48K	€ 71K
Other receivables	€ 654K	€ 477K
Cash in hand and marketable securities	€ 2 488K	€ 2 320K
<b>TOTAL II - Current assets</b>	<b>€ 3 255K</b>	<b>€ 2 910K</b>
Prepayments	€ 7K	€ 8K
<b>TOTAL III - Prepayments</b>	<b>€ 7K</b>	<b>€ 8K</b>
<b>Grand total</b>	<b>€ 3 303K</b>	<b>€ 2 932K</b>

LIABILITIES (IN €)	YEAR ENDED 31 DECEMBER 2013	YEAR ENDED 31 DECEMBER 2012
	NET	NET
<b>TOTAL I - Accumulated surplus and reserves</b>	<b>€ 830K</b>	<b>€ 865K</b>
<b>TOTAL II - Provisions for liabilities and charges</b>	<b>€ 126K</b>	<b>€ 167K</b>
<b>TOTAL III - Dedicated funds</b>	<b>€ 2 048K</b>	<b>€ 1 505K</b>
<b>TOTAL IV - Debts</b>	<b>€ 298K</b>	<b>€ 395K</b>
<b>TOTAL V - Deferred income</b>	<b>€ 0,1K</b>	<b>€ 0,1K</b>
<b>Grand total</b>	<b>€ 3 303K</b>	<b>€ 2 932K</b>

All the information in this document is taken from the 2013 Annual Report, available on our website [www.electriciens-in-frontieres.org](http://www.electriciens-in-frontieres.org) or upon written request to: Electriciens sans frontières - 82, rue Robespierre - BP 37 - 93171 Bagnolet Cedex, France

Financial expenses on "social missions" by country



**86%**  
of the income  
raised from  
the public was  
allocated to our  
projects

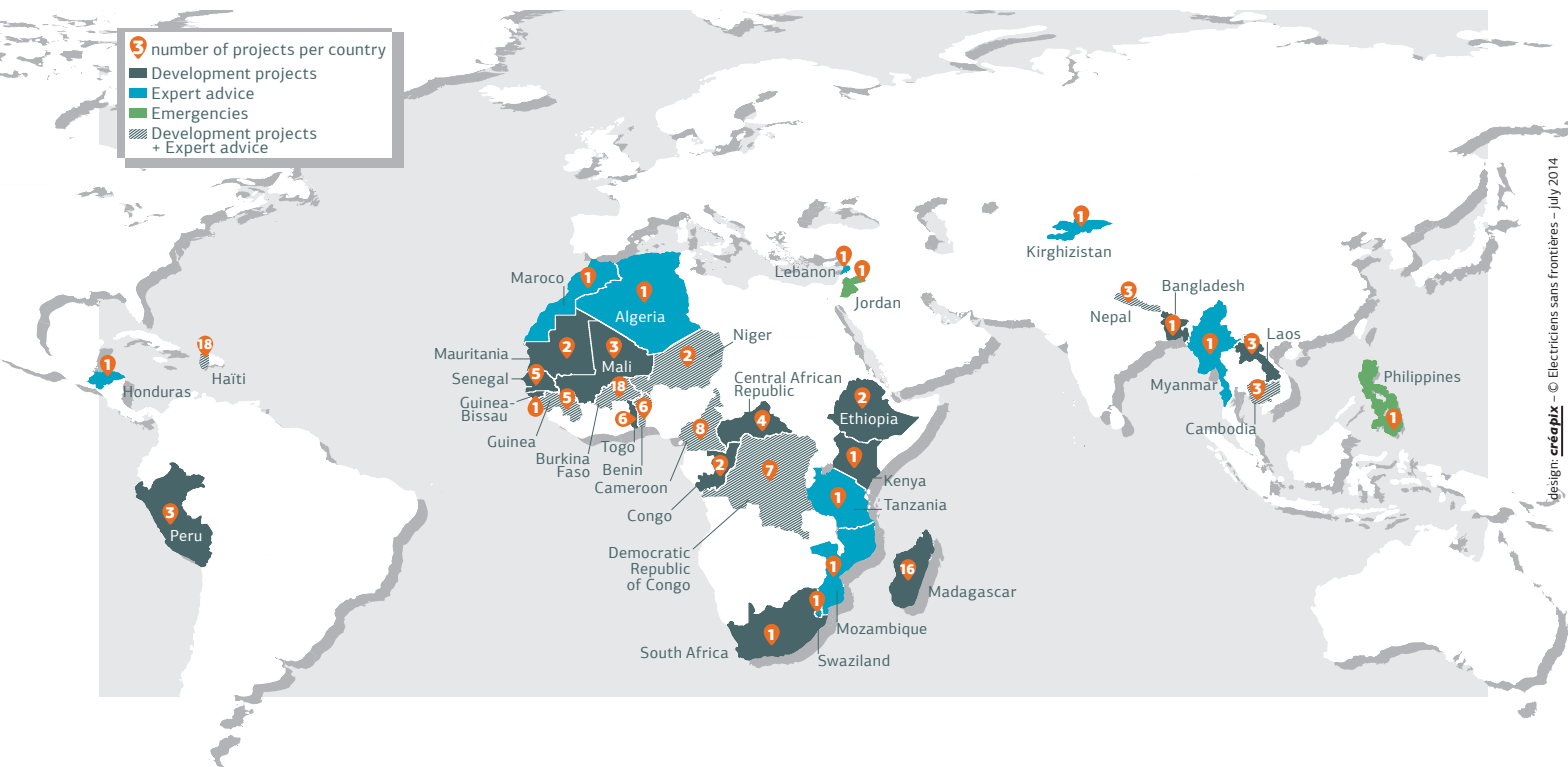
Cash in hand and marketable securities amounted to € 2,488K compared with € 2,320K in the previous year. They included part of the subsidies paid by donors for projects.

After profit in 2013, the association's funds and reserves were € 830K, consisting of € 17K of additional donations and € 290K of regional equity resulting from the merger on 31 December 2013. The balance of € 523K represents three months' of the association's activity at 31 December 2013.

Provisions for risks and charges amounted to € 126K, a decrease from 2012 because the association has reduced its risk of probable losses on projects once the operating expenses have been allocated.

The value of dedicated funds amounted to € 2,048K and corresponds to funds from third party donors to defined projects that had not yet been used as at 31 December 2013.

# OUR ACTIVITIES IN 2013



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Phongsaly, Laos

## MAKE A DONATION NOW TO PROVIDE ACCESS TO ENERGY FOR ALL

Join our donors at [www.electriciens-sans-frontieres.org](http://www.electriciens-sans-frontieres.org)

- With **25 euros**, you can ensure a **classroom is lit for three hours for a month.**
- With **60 euros**, you can enable **water pumping of 50L a day for a family, for one month.**
- With **120 euros**, you can enable **the lighting and electrification of a health centre, for two months\*.**

For more information, you can contact us by writing to [relation.donateurs@electriciens-sans-frontieres.org](mailto:relation.donateurs@electriciens-sans-frontieres.org)

\* Data used here are given as examples