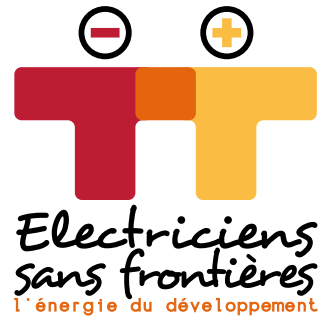


# The essentials

FOR  
2023



**675 million** people worldwide have no access to electricity <sup>(1)</sup>



**2.2 billion** people do not have access to safe water <sup>(2)</sup>



**89%** of our projects are based on renewable energy (solely or in part)



**Half of our projects** provide access to quality water (safe drinking water as well as for irrigation purposes)



**137 projects** in **35 countries**



**1,955,000** beneficiaries for our projects in 2023

**ELECTRICIENS SANS FRONTIÈRES**, an international solidarity NGO, fights against inequalities in access to electricity and water around the world. Thanks to the involvement of nearly 1,200 volunteers, the support of numerous French companies and local authorities, and our partnerships with local players, we promote economic and human development through the use of renewable energies.



(1) Source: World Bank | (2) Source: United Nations

# The benefits of our action

**ENERGY IS A POWERFUL LEVER FOR HUMAN AND ECONOMIC DEVELOPMENT.** Without access to electricity, it is difficult to treat oneself, to have access to quality water, to study, to create economic activities, to make streets safe... To meet the energy needs of populations while combating climate change, the use of renewable energies is essential. Our projects are based above all on the use of energy provided by the sun or watercourses.



## Education

Enable students to work in optimal conditions and thus increase their success rate.



## Health

Facilitate access to better quality care and examinations and reduce infant and maternal mortality rates in particular.



## Training

Ensure a transfer of skills essential to the maintenance and sustainability of equipment, and to the emergence of local operators.



## Food security

Solar pumping of clear water to facilitate irrigation, aid food production and preservation, and improve food security.



## Social life and safety

Making public places safer and contributing to the social life of the village in the evenings.



## Climate change

Produce energy with very little impact on the environment thanks to local renewable resources such as the sun and water power.



## Economic development

Encourage the creation of economic activities, and consequently the production and sale of goods.



## Access to quality water

Solar pumping of clear water to reduce the risk of water-borne diseases and meet the population's need for high-quality water.

## Enabling human and economic development

### BURKINA FASO

#### Access to electricity, water and sanitation for health facilities in the town of Zorgho



##### Objectives:

- Solar electrification of the maternity ward, pharmaceutical warehouse and sanitary facilities.

- Construction of a water tower, a septic tank and installation of a solar pump to supply water to the maternity hospital and evacuate wastewater to the septic tank.
- Training in plant operation and maintenance.

##### Operational partners:

Solidarité Plus association, Care and Life's association.

**Beneficiaries:** 27,000 people.

### NÉPAL

#### Improved Solar Irrigation Solution, Chitwan District

##### Objectives:

Installation of 5 solar surface pumping stations to enable small farms to set up cost-effective, sustainable irrigation systems to optimize production throughout the year.

**Operational partners:** KGG.

**Beneficiaries:** around 500 people.



## MADAGASCAR

### Solar electrification in the village of Ankify-Doany

#### Objectives:

- Solar electrification of the health center and the social and craft center.
- Solar electrification of the school.
- Street and safety lighting with 10 photovoltaic streetlamps.

#### Operational partners:

Local Madilo Women's Association.

#### Beneficiaries:

approximately 500 residents and 200 students.



## RWANDA

### Electrification and irrigation of the agasse seed farm in Adenya

#### Objectives:

- Electrification of a potato seed production farm.
- Solar pumping to irrigate cultivated plots using gravity networks.
- Developing skills by training farm personnel involved in the work to use and maintain the facilities.



#### Operational partners:

Association pour le développement de Nyabimata (Adenya).

**Beneficiaries:** around 2,000 people.

## Acting in emergency and post-emergency situations

**ELECTRICITY IS VITAL** in humanitarian emergencies. We work with NGOs to help them operate in the best possible conditions and to assist disaster-stricken populations.

### UKRAINE – Our commitment in Ukraine

#### Our actions in 2023:

- More than 170 tonnes of equipment sent to beneficiary structures since March 2022 (generators, convectors, solar lamps, etc.) thanks to collaboration with national and local authorities and partners in Ukraine and France.
- Expertise mission for the NGO Première Urgence Internationale in Lviv and Kharkiv.
- Assessment of existing energy facilities and energy needs in several oblasts in Ukraine.
- Elaboration and preparation of the "Hybrid Solutions 2023-24" project in Ukraine to meet the needs of the Ukrainian population with our partners, while decarbonizing our humanitarian emergency actions.

### MAROC – Earthquake in Morocco



#### Our actions:

- 644 solar kits for lighting and powering

small appliances were distributed and installed, in collaboration with our local partner Morocco Future Energy Leaders.

- Identification of needs in the most isolated areas, in conjunction with the Moroccan authorities and local partners, to provide more sustainable energy solutions via the "Light Initiative for Morocco" project.

## Putting our expertise to work for others

**WE RESPOND TO THE NEEDS OF INTERNATIONAL SOLIDARITY ACTORS.**

We bring them our expertise in access to energy and water to help them implement their projects in the countries where they operate.

## BENIN

### Agrivoltaics at the heart of innovation with the Songhai Center in Porto Novo

#### Our mission:

- Creation of pilot agrivoltaics sites to electrify villages, training centers and agricultural farms.
- Assessment of technical and economic profitability on the region's key vegetable

crops, while reducing water requirements and generating electricity.

**Partners:** GIZ, Songhai.



## BANGLADESH

### Green Innovation Hub

#### Our mission:

- Developing the local capacities of Rohingya refugees and host community members in the installation, operation, repair, maintenance and recycling of solar energy products and services, to increase the sustainability of humanitarian operations.



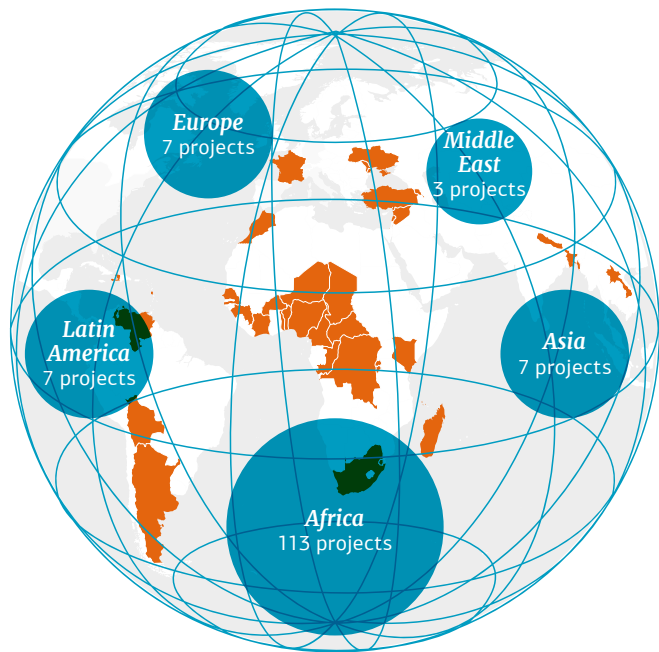
- Training technicians and involving local people in the process of identifying, sorting, storing and, where possible, repairing the products concerned.

**Partners:** Schneider Electric and NGO Forum.

**EVALUATING OUR PROJECTS:** Electriciens sans frontières implements external evaluation systems adapted to its structure and the nature of its missions, in order to assess the qualitative and/or quantitative results of all or part of its actions and projects. The approach is supported by the organization's management.



**137** projects  
in **35** countries



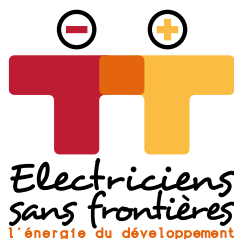
**94** projects  
of development



**11** projects  
of emergency/post-emergency



**32** projects  
of support/expertise



[www.electriciens-sans-frontieres.org](http://www.electriciens-sans-frontieres.org)

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Association Loi 1901 reconnue d'utilité publique - SIRET n° 394 528 897 00074 – Code APE 9499Z

# I support Electriciens sans frontières



**For €25**, I can provide sustainable lighting for a household of displaced persons with a solar lamp



**For €45**, I provide easy access to 20 liters of quality water every day for a child for 10 years (minimum WHO recommendation)



**For €100**, I supply a school with electricity for 1 month



**For €160**, I supply electricity to a health center for 1 month

Average data provided by way of example; these figures may vary from one project to another depending on the context.

**I would like to donate by cheque**

payable to Electriciens sans frontières and sent:

**5, rue Jean Nicot  
93691 Pantin Cedex**



**I donate online**

By credit card or bank transfer on our secure website:



Donations to Electriciens sans frontières are eligible for a tax reduction of 66% for individuals and 60% for companies.