1. Access to electricity and water: the stakes

Question 1: how many people in the world have no access to electricity?
- 1.2 billion

Question 2: how many people in the world still use fossil fuels directly in their homes?
- 2.6 billion

Question 3: how many people in the world have no access to clean water?
- 800 million
1. Access to electricity and water: the stakes

2. Who we are

- An NGO created in 1986 in France
- ... that takes action in the field of electricity and water access
- ... to foster human and economic development
- ... of the poorest populations
2. Who we are: our model

Energy Sector (big companies, SMEs, foundations, ...)

- Services in kind and equipment donations
- 1,000 volunteers
- Private and public funds

3. Where we are

145 ongoing projects in 35 countries in 2014
56 on site missions
4. What we do: development projects

- Electriciens sans frontières develops a model which combines collective use of energy as a protection against more poverty and business use of energy as a means to move out of poverty.
4. What we do: development projects

- We always start with local needs
- We work in partnership
- We use as much renewable energy as possible
- We always provide training sessions to the beneficiaries and/or partners (maintenance, cash management...)

Electriciens sans frontières used removable pico turbines in Laos to help populations cope with flood issues when concrete structures are in inappropriate conditions.

The case study of this project has been recently awarded by the WAME (World Access to Modern Energy) in Milano, Italy.
4. What we do: development projects

4. What we do: emergency operations

Helping those who help
4. What we do: emergency operations

- We bring light to secure and optimize operations with other NGOs: research operations, emergency hospitals...

- We bring light to communities in urgent need (orphanages, local councils...)

- We bring light to refugees (refugee camps)

- We bring back power to water distribution facilities

- We take part in re-construction projects (public lighting, housing, etc.)
4. What we do: technical expertise

- We bring technical and operational advice to various partners
- We analyse their needs and help our partners adjust them to technical constraints
- We help them design solutions to secure/improve the energetical impact of their actions either for their beneficiaries or for their own teams

In Palestine, we helped local authorities design and set up a photovoltaic system that allows them to alleviate their energy bill through compensating the consumption for public street lighting.
5. The future: going European

- We want to further increase our impact
- We want to further increase the advocacy efforts in favour of access to energy for development
- We want to find new opportunities and resources for access to energy projects

⇒ We are building a European network