



AFD AND

access to energy for all

Cambodia - Solar lantern © Entrepreneurs du Monde

EUR 940 m

committed between
2012 and 2017

4 to 5

access projects
a year

300,000

people connected
in 2017

Over a billion people live without access to electricity. Almost a third of humanity depends on biomass energy on a daily basis. Access to quality energy services while safeguarding the environment is a priority for AFD Group. **Our objective: support the implementation of customized and sustainable solutions for access to energy.**

#WorldInCommon

Universal access to a reliable energy service by 2030, a wide range of solutions and tools

1 Our areas of intervention

1. Support the densification of national grids:

- Finance the densification of grids in rural and periurban areas
- Assist in connecting new customers
- Support the deployment of smart meters

2. Innovate to support decentralized solutions:

- Help build solutions, with a strong impact on economic development and using new technologies
- Finance the deployment of new models by the private sector

3. Support the development of viable mini-grids using renewable energies:

- Promote renewable energies on off-grid systems which are today managed by public companies
- Develop mini-grids in rural areas by promoting public-private partnerships

4. Support the development of public policies conducive to the development of access to electricity:

- Support for the planning of rural electrification
- Development of favorable institutional, fiscal, legal and tariff frameworks
- Capacity building for actors (authorities, regulators, rural electrification agencies, public and private operators, banks, etc.)

2 Our operational tools

AFD Group mobilizes all its financial tools for access to energy:

- Loans, equity and grant financing to finance investment programs
- Technical assistance, capacity building and training
- Support for innovation, in partnership with public stakeholders and the private sector

These tools can be made available to States, public and private companies, banks and local authorities in close partnership with French institutional actors, French and international expertise, and the other European and multilateral donors.

Mali - Solar hybridization of grids in rural areas

The Malian Agency for the Development of Household Energy and Rural Electrification (AMADER) has installed 3.6 MW of photovoltaic capacity to hybridize the thermal generation of 60 municipalities and increase the density of distribution grids. Over 106,000 people will benefit from an improvement in the quality of the electricity service.

Financing: EUR 20m sovereign loan and EUR 18m European Union grant

Duration: 3 years (ongoing)

Kenya - Green mini-grid Facility

In Kenya, AFD is supporting the development of private mini-grids supplied by renewable energies thanks to grants from the European Union and the UK's Department for International Development (DFID). The projects selected in the context of a call for proposals will connect some 80,000 people.

Financing: EUR 16m grant

Duration: 4 years (ongoing)

Cambodia - Green microfinance program

In Cambodia, AFD is supporting innovation and the development of a range of high-quality individual solar kits, in partnership with the local private sector. A label has been introduced and some 60 products have been certified, thanks to a EUR 2m grant from the European Union and a credit line allocated by AFD to three microfinance institutions and the NGO SNV for the purchase of kits by rural communities. The ongoing program has already benefited some 3,000 households.

Financing: EUR 2m grant + credit line

Duration: 2 years (ongoing)

Morocco - Global Rural Electrification Program

In 1995, Morocco launched an ambitious Global Rural Electrification Program (PERG), whose implementation was entrusted to the National Electricity Office (ONE). Between 1996 and 2009, AFD, which has been supporting PERG since the outset, allocated it six loans totaling EUR 240m. At the end of 2009, over 35,000 villages had been electrified – i.e. 1.9 million households – through a connection to the main grid or decentralized photovoltaic electrification.

Financing: EUR 240m of sovereign loans

Duration: 13 years