Acciona Microenergía Peru is a social business that has implemented an innovative pay-for-service solar energy model. This model will allow them to reach economic sustainability, while offering quality energy to low income families through Domestic Photovoltaic Systems (DPSs).

**COMMUNITY ENGAGEMENT**

The community development process of AMP’s program begins by identifying rural communities currently excluded from the electrical grid in order to prepare their participation in the program. Participation from the community is promoted through CEFs, responsible for coordinating all the different actors and the final users.

- 85 CEFs have been created so far
- 13 agreements signed with municipalities

**QUALITY SERVICE**

The DPSs installed include 80 Wp solar panels and provide 3 low consumption lights and energy outlets for at least 4 hours a day.

Users are trained on proper use of the DPSs, CEFs are taught basic system supervision and payment management and local technicians are trained in system installation and maintenance.

**BUSINESS MODEL**

Families pay a monthly fee for available energy, maintenance and equipment replacement for 20 years. For each DPS installed, the government’s Electrical Social Compensation Fund provides a price subsidy to AMP, who will offer consumers a final price adjusted to their level of income.

- 3,000 DPSs in use
- 12,600 direct beneficiaries

**SUSTAINABILITY**

- The Ministry of Energy and Mines has certified the DPS as an alternative for energy service in rural areas
- The default rate in 2012 was 0.19%, decreasing from 3.03% in 2011
- The price structure is based on a cross-subsidy that allows families with consumption levels below 100kWh/month to earn a discount financed by those families who have a higher consumption
- In 2014 AMP will reach operational sustainability by providing service to more than 3,000 families

**EXTENSION OF THE MODEL**

- The government has launched a program that will install half a million domestic photovoltaic systems throughout the country
- AMP has played a key role in developing Peruvian legislation and regulation for isolated electrical systems
- Acciona Microenergía Foundation has an energy program that will install 10,000 DPSs in the region of Oaxaca, Mexico