

Newsletter: + Energy



+ Energy is a digital newsletter that EnDev Bolivia will publish every two months. Here we will share information on our progress and the impacts of the project's implementation. We invite you to read us and find out about our work in Bolivia.

Energy for people



Sapahaqui - La Paz, Bolivia (2017)

Provision of Solar Home Systems (SHS)

+680

families have SHS
(provided by Ministry of Energy PER/PEVD)*

36

communities have benefited with SHS
to illuminate their homes

1

Solar Home System
consists of a solar panel, a lithium battery, two fixed lighting points and a flashlight

* EnDev Bolivia supports the Rural Electrification Program (PER, for its initials in Spanish) by providing technical advice, equipment verification, follow-up on the delivery process, installation of the systems and training of beneficiaries in their use and maintenance. PER is part of the Electricity to Live with Dignity Program (PEVD, for its initials in Spanish) of the Ministry of Energies.

¿What are SHS?

Solar Home Systems (SHS) are efficient systems that produce electricity from solar radiation through a device called photovoltaic panel. This system offers a cost-effective way of supplying energy for lighting and the use of electric appliances.

[Click here to see the video](#)



Funded by:



Coordinated and implemented by:



Working together

EnDev Bolivia and the community of Finaya- Calamarca (La Paz), supported a project by providing technical assistance and co-financing the purchase of a voltage converter and a submersible pump. These technologies enable the provision of water for its productive and domestic use. EnDev also strengthened the organization of the Water Committee formed by women.



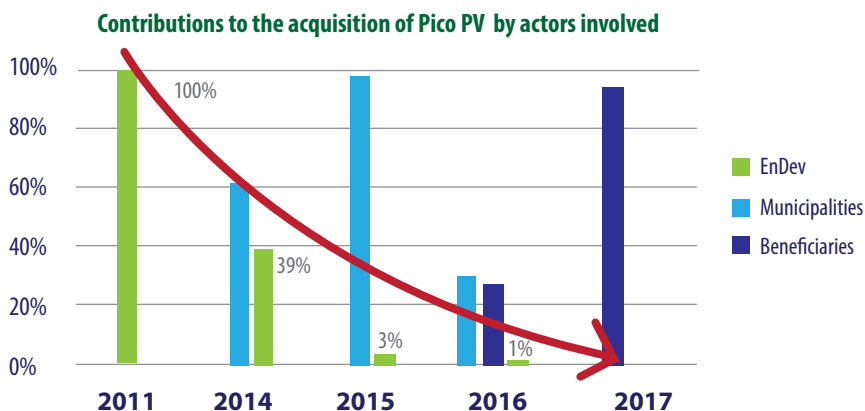
The National Electricity Company (ENDE, for its initials in Spanish) formed an alliance to promote electric connections in rural areas. Signing this agreement will help rural households gain access to electricity. The agreement will also contribute to achieve progress regarding the electrification goal of the Government's Agenda Patriótica 2025.



Important advances

Photovoltaic Systems (Pico PV)

Pico PV systems (a lamp with a solar panel) have been promoted by EnDev since 2010. Because it was a new technology, the cost of these systems was initially covered completely by EnDev. Currently, thanks to the support of micro franchises and alliances with the private sector, EnDev does not contribute to the cost of the technology itself and, instead, assists in creating markets for this technology.



Did you know that...



A family from the rural area consumes candles, batteries or kerosene for lighting.



Average monthly expenditure
Bs. 48
(6 Euros)



= **Bs. 430** (52 Euros)

Average market price of the Beacon -1 model (the most sold Pico PV, with EnDev support).

9
months

The time it takes a family to recover the investment in a Pico PV by spending less money on candles, batteries or kerosene.

Source: Study conducted by EnDev on the use of lighting fuels in different country regions.

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