



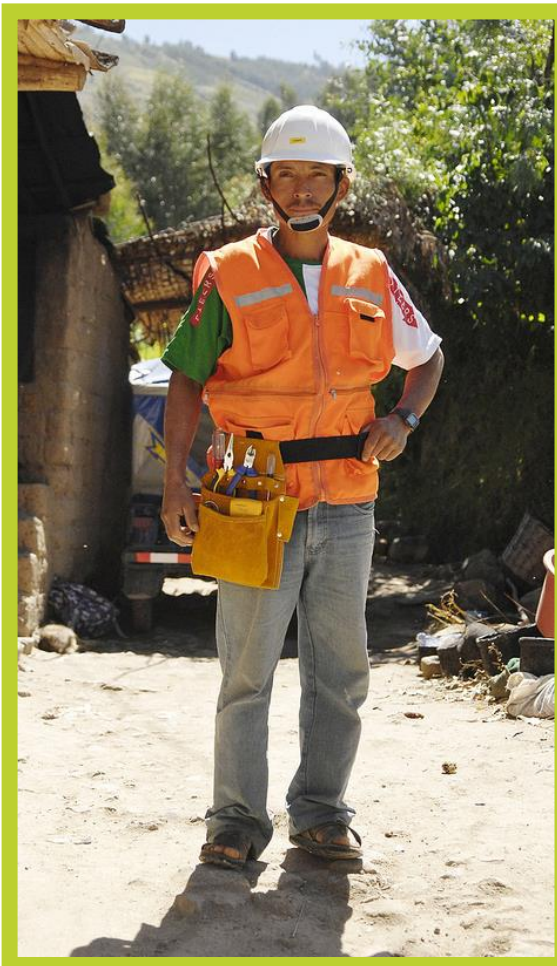
*PILOT PROJECT FOR THE INSTALLATION OF
SECURE BASIC INDOOR ELECTRICAL
CONNECTIONS IN RURAL COMMUNITIES OF THE
REGIONS SAN MARTÍN AND CAJAMARCA*

Introduction

The program Energising Development (EnDev) is an initiative funded by the Federal Republic of Germany, the Netherlands, Norway, Australia, the UK, and Switzerland, which aims to provide sustainable access to modern energy services to 14 million people by 2015. In Peru, EnDev has been executed since 2007 by the German Cooperation (implemented by GIZ) under the name Energising Development Project (EnDev Peru), introducing lines for improved stoves, lighting, productive uses, and water heaters, with a focus on rural areas.

Problematic

The Peruvian government's efforts for rural electrification in general are succeeding: In the last six years, more than 3 million Peruvians have gained access to electricity. However, the number of new users does not take into account the precarious conditions in which families make use of electricity within their homes, mainly due to a lack of skilled labour in rural areas, the rising costs of quality electrical equipment, and little or no information for new users regarding the importance of how to access and safely use electricity.



Implemented project

Through its line of action, Lighting Energy for Homes, EnDev has achieved the implementation of its Safe Rural House (Casa Segura Rural) initiative to facilitate and improve access to electricity for over 21,000 homes and social institutions in rural and marginal urban areas in 10 departments.

The Safe Rural House initiative aims to promote and facilitate public, secure, and sustainable access to household electricity through the installation of Secure Basic Indoor Electrical Connections (Conexiones Eléctricas Interiores Básicas Seguras – CEIBS).

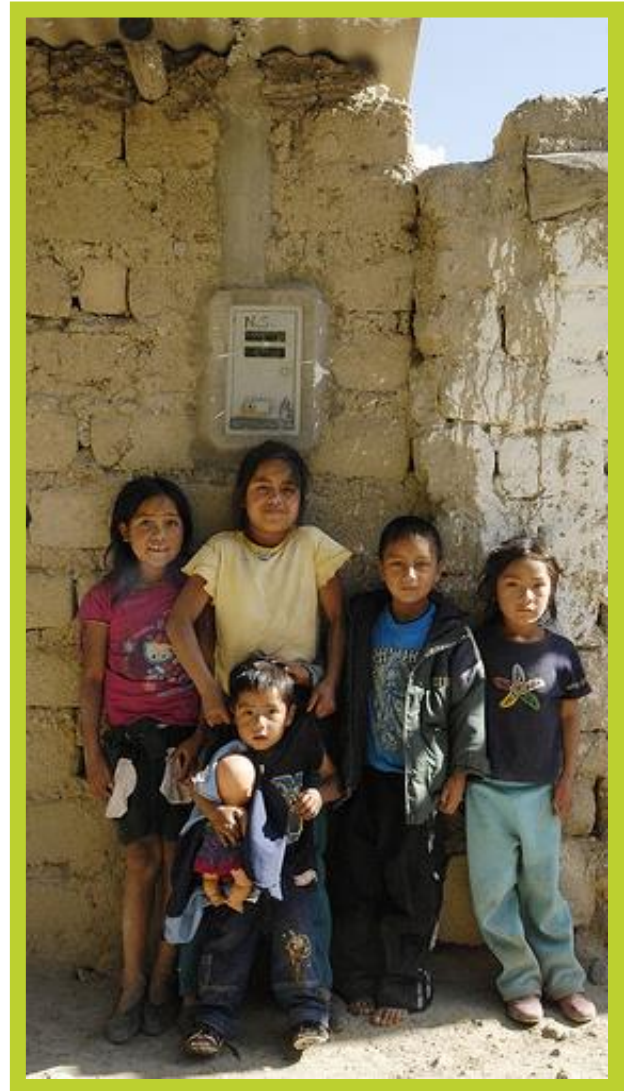
EnDev – Peru, in partnership with the Peruvian Centre for the Promotion of Copper - Procobre Peru, convened with the companies Indeco, Ticino of Peru, and Philips Peru to participate in a pilot project for the Safe Rural House initiative, which would facilitate the access of 1,000 poor families in rural communities in the departments of Cajamarca and San Martín to quality materials to install basic secure electrical connections in their homes. On August 14th, 2012 the promoting parties of the pilot project signed a letter of commitment for its implementation.

The implementation was developed in three stages:

- 1) Definition of commercial terms with national actors**, which consisted of all companies discounting the prices of their products as well as the appointment of the distributing party and the handling process for the purchasing of materials.
- 2) Identification of elements in the local context**, both for targeting demand and measuring the energy needs of families, as well as to educate and inform authorities, other local agencies, and the public through lectures and information material, in addition to flyers and infographics.
- 3) Community management and development of local capacity** to train local installers who were responsible for carrying out the electrical connections. Two training courses were developed, one in each region, with the support of the companies involved supplying materials and accessories as well as funding for training by Procobre Peru.

Results

- 1) 1,585 secure basic indoor electrical connections were installed** in households and institutions of social infrastructure in the departments Cajamarca and San Martín, which allow access to electricity for 1,534 homes and 51 social institutions in 67 rural communities in Cajamarca and 14 in San Martín.
- 2) 40 local installers were trained** who have participated in the installation of CEIBS observing standards and that have carried out installations appropriately.
- 3) 68% of installers trained increased their family's income** by finding temporary self-employment which has allowed them to alternate their work in agriculture and livestock with the installation of CEIBS in their communities. 15% continue working as installers.
- 4) 100% of families and institutions that benefited from the project received information** that enables them to recognize the importance of secure and efficient use of electrical energy.
- 5) 88% of families registered after briefings chose to install quality materials** provided through the project because the price set was accessible for their economic situation.



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