

Cooking and heating efficiently: better access to modern energy services

EnDev Perú

Context

More than 10 million people in Peru still primarily use biomass fuels such as wood and coal for cooking and heating. In addition to the high costs involved, these conventional fuels are also hazardous to public health and the environment. More than 2 million people have no access to electricity. Energy is needed for a number of everyday uses, such as cooking, heating, cooling and lighting. Improving the energy supply thus makes an important contribution to poverty reduction and to rural development.

The Peruvian Government aims to create an energy system that meets the national demand safely, sustainably and efficiently. The goal is to provide access to electricity for the entire population by 2021.

Objective

The population of Peru has better access to affordable and sustainable basic energy services. The aim of the Energising Development (EnDev) programme is to make better basic energy services available to 20 million people across the globe by 2019. The programme is financed by Germany, Britain, the Netherlands, Norway, Sweden and Switzerland and is currently operating in 26 countries in Africa, Asia and Latin America.

Title	Energising Development (EnDev - Peru)
Commissioned by	Financed by six donor countries: Germany, Britain, Netherlands, Norway, Sweden and Switzerland.
Country	Peru The global programme is being implemented in a total of 26 countries in Africa, Asia and Latin America..
Lead executing agency	Ministry of Energy and Mines (Ministerio de Energía y Minas, Peru - MEM)
Overall Term	01/2015 bis 06/2019

Approach

Since 2009, EnDev Peru has been concentrating on improving the power supply in rural areas by promoting energy-efficient stoves, solar systems and solar boilers and installing electricity connections in houses. In addition, the project supports national energy initiatives and helps develop local markets. It raises awareness among potential energy users, creates incentive systems for sales and demand, and trains installation and maintenance staff. Examples of cooperation with national programmes include the initiatives *Uso Eficiente de la Energía* (household electricity connections), *Qali Warma* (energy-efficient stoves for schools) and *Haku Wiñay* (energy-efficient stoves for private households).



Energy efficient stoves reduce the need for biomass as a fuel source and decrease environmental pollution.



Left: Electricity in private households.

Right: Private household with solar boiler.

Results

Around 2 million people, 6,200 social institutions and 15,530 small and micro enterprises have gained access to energy services (rural electrification and sustainable cooking technology) through EnDev. To this end, the programme has cooperated with 5 ministries, 8 regional governments, 88 local governments and 15 companies.

In addition, 8 platforms have been set up to share knowledge and experience relating to the energy supply, 5 of which are online. More than 100,000 users have been informed about the proper use and maintenance of sustainable stoves and rural electrification.

A total of 800 local technicians, 1,500 technicians for efficient cooking technology and 200 planners have undergone training on the topic of tapping into energy sources for productive purposes. This training was provided as part of joint projects with public and private institutions and in collaboration with education institutions.

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Energising Development
Pasaje Bernardo Alcedo 150 - Piso 6
San Isidro, Lima 15073, Peru
T+51 (1) 442 1999 / 442 1998
endev.peru@giz.de
www.giz.de

Author Ana Isabel Moreno

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On behalf of Federal Ministry for Economic
Cooperation and Development (BMZ)

Addresses of the BMZ offices
BMZ Bonn
Dahlmannstraße 4
53113 Bonn, Germany
T +49(0)22899535 - 0
F +49(0)22899535 - 3500
BMZ Berlin | Im Europahaus
Stresemannstraße 94
10963 Berlin
T +49(0)3018535 - 0
F +49(0)3018535 - 2501

poststelle@bmz.bund.de
www.bmz.de