



# Energising Development Partnership

## EnDev

### Key Facts

The Energising Development (EnDev) partnership is a joint impact-oriented global programme of Germany, the Netherlands, Norway, United Kingdom, Switzerland, and Sweden, with additional co-funding from Australia, Ireland and the European Union. The respective governmental institutions are the Federal Ministry of Economic Cooperation and Development (BMZ), the Directorate-General for International Cooperation of the Dutch Ministry of Foreign Affairs (DGIS), the Norwegian Ministry of Foreign Affairs (MFA), the Department for International Development (DFID), the Agency for Development and Cooperation (SDC), and the Swedish International Development Agency (SIDA). The programme cooperates with governments, NGOs and the private sector in 25 countries in Africa, Latin America and Asia. Its dynamic organisational structure allows for additional donors to join.

The implementation of the Energising Development programme started in 2005. It had the initial objective of facilitating sustainable access to modern energy services to 3.1 million people in developing countries. The objective was surpassed with a total number of 5.1 million people. Consequently, the programme has been scaled up several times: in total, EUR 350 million have now been allocated to support access to energy for the poor. The target was increased to 18 million people that will have access by 2019.

By December 2016, 17.3 million people have gained access either to electricity or improved cooking technologies in households. In addition, 19,400 social institutions and 38,600 small and medium-sized enterprises have benefited from sustainable access to modern energy services. EnDev also has trained more than 40,000 stove builders, craftsmen, vendors and solar technicians.

EnDev contributes to the goals of the Sustainable Energy for All (SE4All) initiative as well as to the Sustainable Development Goals since enhancing access to energy is a precondition for achieving

these goals. In this respect, EnDev does not aim for simply connecting households and institutions from a technological point of view. In fact, EnDev intends to maximise the impact of energy access by taking into account energy use and target group demand.



*Small hydropower plants like this one in Indonesia supply rural areas with sustainable energy*

The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and the Netherlands Enterprise Agency (RVO) act as the principal agencies for programme coordination. Implementation is conducted in cooperation with other partner organisations such as the Netherlands Development Organisation (SNV) among others.

### Scope

The technologies and services predominantly promoted in EnDev's country interventions include photovoltaic energy, grid densification, micro hydropower, energy-efficient cooking stoves and biogas.

EnDev supports the provision of:

- **Energy for household applications:** provision of modern energy for lighting and small electrical appliances (e.g. information and communication technologies)

Funded by:



Coordinated by:



## Energy for people

Lucerito Julián Castrejón from Soritor, Peru, runs her own company selling improved cookstoves and solar lamps. She offers various stove models depending on her customers' needs. EnerSelva, Lucerito's company, sells about fifty stoves per month, earning an average profit of 10,000 Soles (EUR 2,905) which she uses mainly for the education of her four children. "I'm proud to say that I've finally formalised my business and can apply for a loan at the bank. I hope my company grows more and more," she says contently. This is a big step forward from the humble beginnings: Lucerito started working as cookstove installer. She received training in business skills from EnDev Peru, receiving advice on what products to sell, how to finance them and how to promote cookstoves in order to increase her sales. Today, she also trains new installers.



- **Energy for cooking:** provision of efficient and clean cooking, baking and space heating devices
- **Energy for social infrastructure** (schools, hospitals and community centres): provision of energy for the use of electrical as well as cooking and heating devices
- **Energy for small and medium-sized enterprises, cooperatives and craftsmen:** provision of modern energy services for productive use, for income generation.

Within this frame EnDev pilots a results-based financing (RBF) approach. Through payment of incentives for results achieved, RBF aims at overcoming market failures that constrain private sector delivery of distributed renewable energy systems providing modern energy services to the poor.

## EnDev Criteria

The performance-based selection process for measures to be supported by EnDev includes competition, needs assessment and focal areas, as previously defined by its donors. The performance approach allows for a fast scaling-up of successful activities and flexible reallocation of funds between countries. Performance is being measured in terms of the number of people provided with sustainable access to modern energy services per allocated euro. Long-term sustainability is a core criterion for activities to be supported within the EnDev framework. Special attention is paid to the broader developmental impacts of the country interventions.

## Outcome Monitoring and Impact Assessment

EnDev has installed a thorough monitoring system which provides donors, partners and management with realistic and reliable data regarding intervention and progress. Every six months the monitoring cycle is conducted. As EnDev measures its success in terms of development impacts, in-depth assessments are carried out in the form of impact studies throughout the project countries. Experiences within the programme show that competition between different projects and technologies stimulates local contributions and

cost efficiency. Further, EnDev ensures additionality of its interventions. An intervention is only considered eligible if it provides access to modern energy services that would not materialise without the intervention of EnDev.

Activities clearly focus on those energy technologies and services which are reliable, affordable, socially acceptable and environmentally sound. EnDev interventions should supplement on-going activities. Hence, the core criteria for projects to be supported under EnDev relate to both quantitative output and long-term sustainability.

The figures reported are only those which can be fully attributed to EnDev and include the following adjustment factors (rationalizing the initially measured number of beneficiaries):

- the **sustainability adjustment factor**, accounting for the fact that the access to modern energy technologies is unfortunately not sustainable in all cases;
- the **windfall gain factor** is an adjustment for the fact that some beneficiaries would have gained access to modern energy services even without EnDev support, and
- the **double energy factor** accounting for the fact that some EnDev beneficiaries gaining access had already benefitted from the same type of modern energy service (as, by definition, any beneficiary will only be counted once: upon its first connection to such service).

## Learning and Innovation

The highest priority is to find solutions appropriate to a specific local context. All EnDev activities have the same objective: development through access to energy. As a global programme, EnDev is able to create and share knowledge between projects worldwide. The cultural diversity represented in the programme is a key for innovation. Sharing experience and learning together is the basis for success. For RBF in particular, EnDev is gathering experiences and lessons learned regarding the feasibility and suitability of RBF as a market development tool.

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Internationale Zusammenarbeit (GIZ) GmbH  
Registered offices Bonn and Eschborn, Germany  
Dag-Hammarskjöld-Weg 1-5  
65760 Eschborn, Germany  
T +49 61 96 79-0  
F +49 61 96 79-11 15  
E [info@giz.de](mailto:info@giz.de)  
I [www.giz.de](http://www.giz.de)

### Contact:

Emergising Development  
Dr. Carsten Hellpap  
T +49 6196 796179  
F +49 6196 79806179  
E [endeve@giz.de](mailto:endeve@giz.de)  
I [www.endeve.info](http://www.endeve.info)

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