



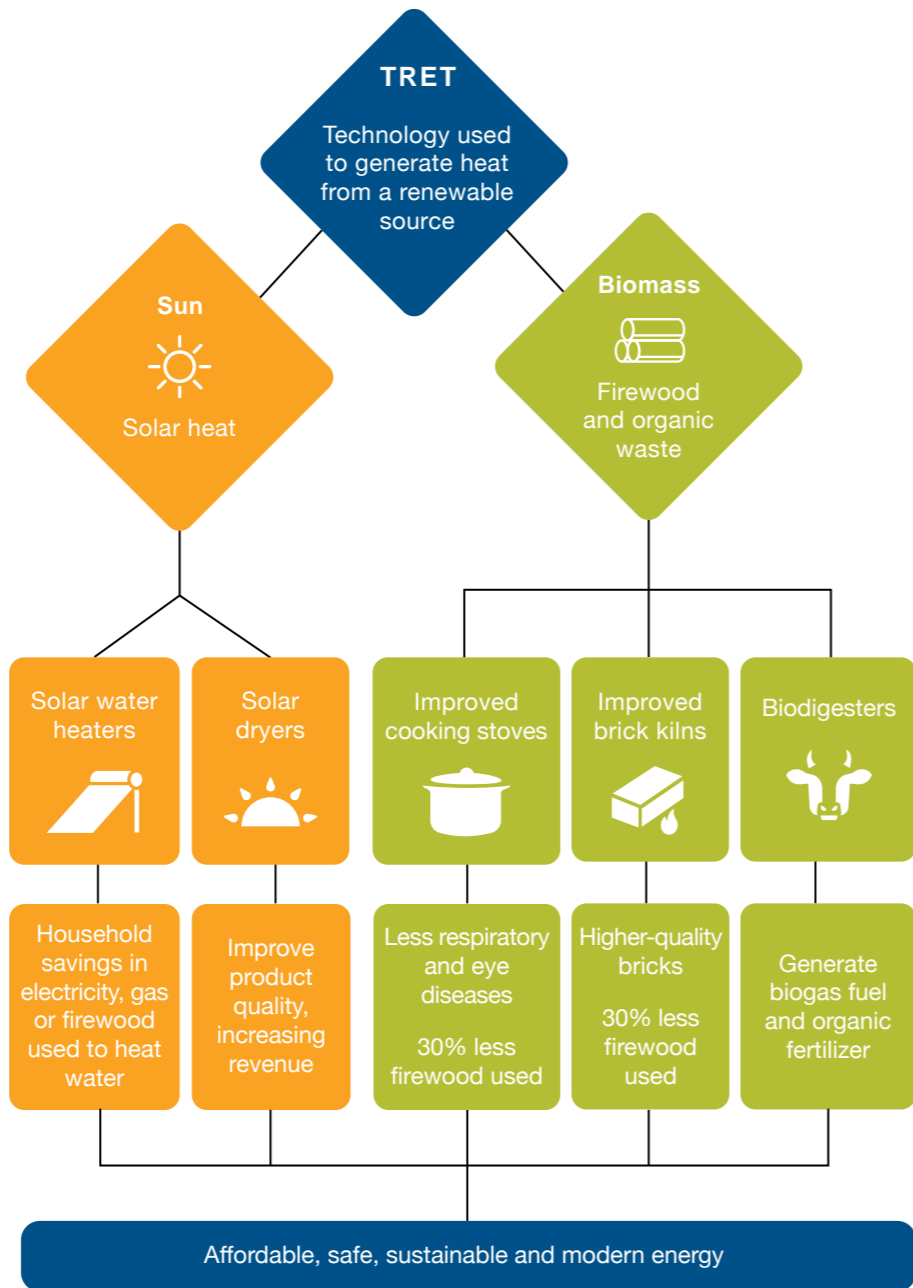
Boosting the Thermal Renewable Energies value chain
to improve the quality of life of Peru's population.

The Fund for Sustainable Access to Thermal Renewable Energies (FASERT) began in 2014, funded by the Energising Development (EnDev) program and implemented by the IICA Delegation in Peru. FASERT addresses the commitments undertaken within the framework of the Paris Agreement and the Sustainable Development Goals, to take advantage of renewable energies, mitigate the effects of climate change, and combat poverty under a gender equity approach.

The purpose of the fund is to boost the Thermal Renewable Energy Technologies (TRETs) market, in order to promote sustainable access to clean and efficient energy among rural and peri-urban populations, thus improving their quality of life.

Our strategy is geared toward:

- Strengthening the technical and financial capabilities of all stakeholders involved in the value chain of TRETs for domestic, productive and community use (manufacturers, distributors, marketers and end users).
- Supporting the development of TRET markets that are characterized by high quality, efficiency and safety, while promoting innovative products, technical regulations and adequate standards.
- Positioning TRETs as a viable alternative for driving sustainable livelihoods.



FASERT, up to june 2018

Market Vitalization

12,708

improved cooking stoves have been sold, increasing the sustainability of access to a type of technology that is usually subsidized.

Technologies installed and sold

27,528

improved cooking stoves, **2 out of every 5 have been sold**

66

improved brick kilns, **all sold**

9

biodigesters, **all sold**

1,144

Solar dryers

611

solar water heaters

413

Off-grid solar systems

Financing

46%

of TRETs sold were financed on credit



2 out of every 5

clients who request financing are women

Environmental Impact

CO₂ reduced by **15,392** MT

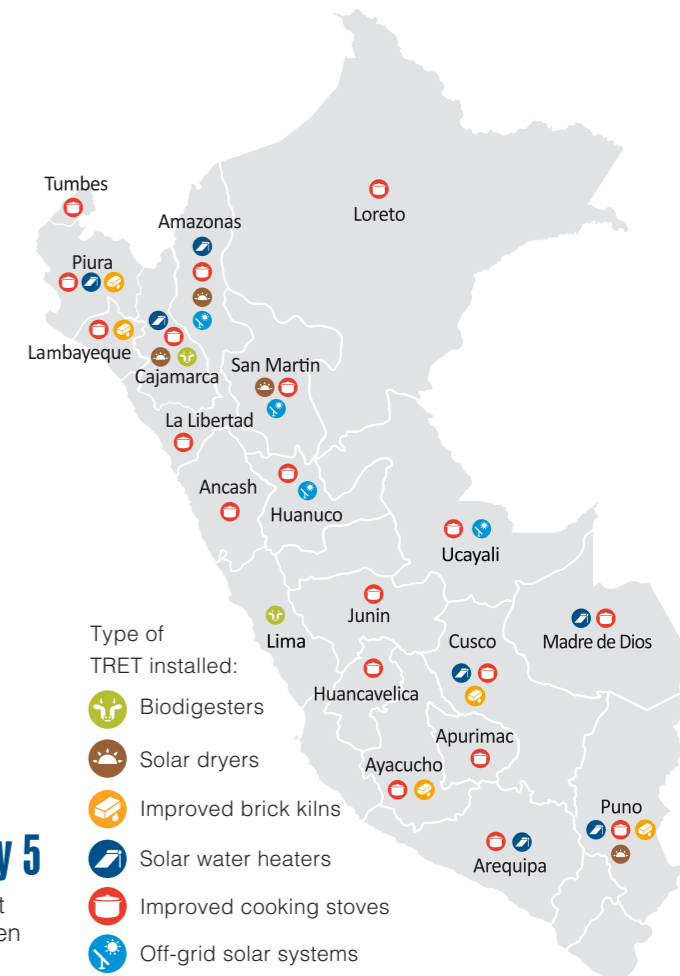


Leveraging

2€M

2 million among households and the public and private sectors

Phase 1: 9 Projects completed - €1 million allocated
Phase 2: 15 Projects completed - €0.7 million allocated
16 Projects being executed - €1.4 million allocated



Type of TRET installed:

- Biodigesters
- Solar dryers
- Improved brick kilns
- Solar water heaters
- Improved cooking stoves
- Off-grid solar systems

Outlook

To validate our market intervention model, and expand it to include renewable technologies, especially productive technologies related to agriculture and the rural sector.



“I charge the biodigester using manure from my 80 guinea pigs. I use the gas to cook, and we spread the bio-slurry on our alfalfa field. In one month, my crops have grown a lot more, and the offspring of the guinea pigs that eat the alfalfa from my field are born twice as big. I no longer spend money on firewood and I buy less vitamins for my guinea pigs, because they are born much stronger.”

—
Elsa Muñoz, guinea pig breeder
Poroporito, Cajamarca

Financed by:



Implemented by:



www.fasert.org
fasert@iica.int

Cover photo:
Cedelsa Suma, beneficiary
of an improved cooking stove.
Acomayo, Cusco

Inter-American Institute for Cooperation on Agriculture - IICA
Av. La Molina 1581, La Molina, Lima
www.iica.int/es/countries/peru
Telf. (511) 349 2273 / 349 1275 / 349 2203 / Fax (511) 348 7880