



The team of Ecosoluciones Sumaq Kawsay EIRL is seeking new markets and performing TRET displays at the meetings organized each month by the people in the most remote rural communities in the tambos (multi-purpose venues) of Puno. They also carry out most of their sales through a distribution network consisting of users of technologies, who provide evidence of their quality.

Cover photo: Primitiva Apaza and Francisco Chambi, partners of the Túpac Amaru CECOVASA Cooperative. Community of Cruspata, District of Alto Inambari, Province of Sandia, Puno.

“Now I have my own oven at home, and I spend less time gathering firewood to cook because my improved kitchen runs on less firewood.”

Maruja Quispe Quinto
User of a portable Munay Q'oncha kitchen.

*Community of Ampay,
District of Pisac, Province of Calca, Cusco.*



Inter-American Institute for Cooperation on Agriculture - IICA

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Boosting the Thermal Renewable Energies value chain to improve the income and the quality of life of Peruvians.

FASERT seeks to boost the Thermal Renewable Energy Technologies (TRETs) market in order to promote sustainable access to clean and efficient energy sources among the rural and peri-urban populations, driving an increase in income, thus improving their quality of life.

It began in 2014 as an initiative funded by the Energising Development (EnDev) program and implemented by the Inter-American Institute for Cooperation on Agriculture (IICA) in Peru.

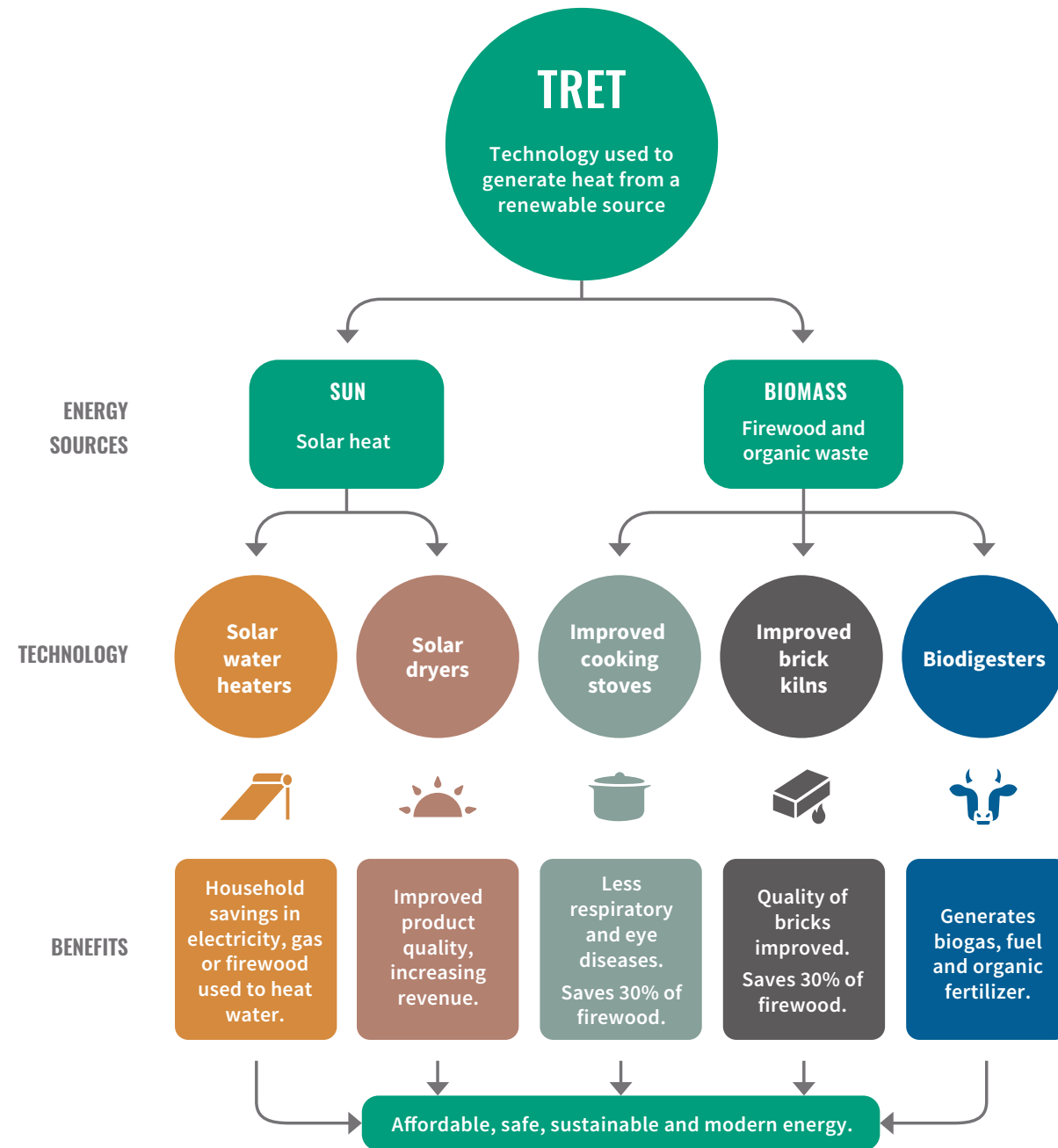
FASERT's strategy is based on:

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

OUTLOOKS:

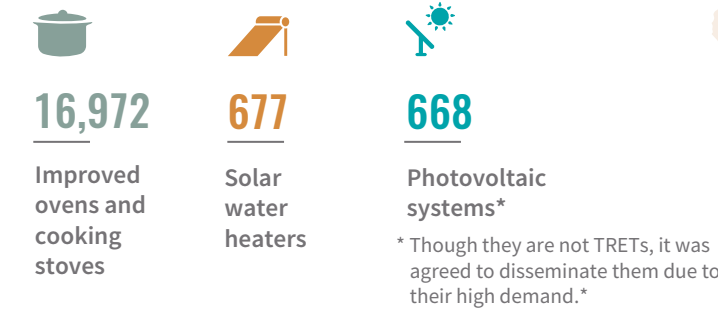
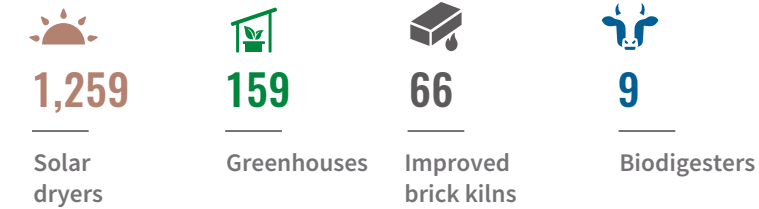


To continue with actions to boost the Renewable Energy Technology market, especially productive technologies with an emphasis on agriculture and the rural sector, in order to contribute to improving the income of Peruvians.



BOOSTING THE MARKET

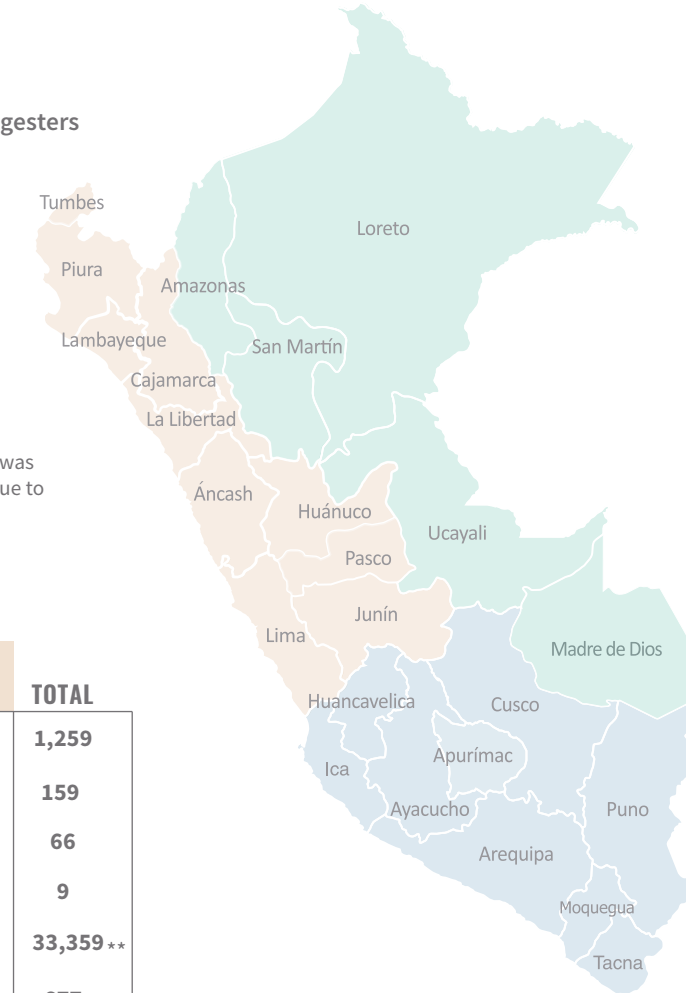
TRETs SOLD



TRETs INSTALLED

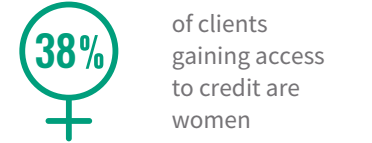
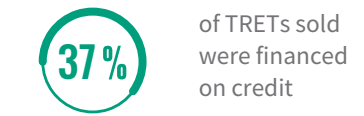
TYPE OF TRET	Eastern Region	Southern Region	Northern Region	TOTAL
Solar dryers	577	166	516	1,259
Greenhouses	--	159	--	159
Improved brick kilns	24	39	3	66
Biodigesters	9	-	-	9
Improved ovens and cooking stoves	9,747	12,549	11,063	33,359**
Solar water heaters	160	514	3	677
Photovoltaics systems	155	751	371	1,277***
	10,672	14,178	11,956	36,806

** 16,972 (51%) have been sold.
*** 668 (52%) have been sold.



FASERT OUTCOMES AS OF JUNE, 2019

Financing



Leveraging



Environmental Impact

The TRETs installed with support from FASERT have contributed by reducing **18,310** tons of CO₂ Eq per year.

"I gained access to credit to build two solar-powered dryers. Before this, I dried the coffee beans in the sun, but they could get contaminated and lose value—up to 50 Peruvian soles per bag. It took two weeks to dry them, and if they got wet with the rain and didn't dry, it was lost. Now I am drying almost half a ton of coffee beans in 8 days. I have installed the structures myself with durable wood and also the film very carefully to make it last up to 5 years."

Francisco Joel Llamo
Member of the ADISA Naranjos Cooperative.
Village of San Agustín, District of Pardo Miguel,
Province of Rioja, San Martín.

