



PERU

Eco-innovation in action

Case studies from around the world

In Peru, the Eco-innovation Project has brought about big changes for five SMEs who have chosen more ecological and innovative futures. At a national level, the Peruvian Ministry of Environment – with Grupo GEA as technical secretariat – have led policy initiatives such as a Policy Roadmap for Action, and the country has even created a multi-stakeholder Eco-innovation Committee with government entities, incubators and academia. Eco-innovation appears to have made an encouraging start in Peru.

The Eco-Innovation Project in Peru – delivering sustainability through policy:

- Creation of the 2016-2017 Policy Roadmap for Action; five strategies and 20 eco-innovation activities.
- Creation of an Eco-innovation Committee including government, incubators and academia, led by the Ministry of Environment (MINAM).
- Inclusion of eco-innovation in national policy instruments such as the National Eco-efficiency Strategy (ENE), Peruvian Technical Standard; and the Peruvian Cleaner Production Guide.
- Eco-innovation policy and methodology disseminated in municipalities and universities (Ventanilla, La Perla, Comas and Los Olivos municipalities; and the Pontifical Catholic University of Peru, San Ignacio de Loyola University and Scientific University of the South).
- Engagement with financing mechanisms like the Green Credit Trust Fund to foster eco-innovation in pilot projects.
- Proposal for an Eco-Innovation Observatory led by the Ministry of Environment.
- Creation of national eco-innovation website:
<http://www.eco-innovacionperu.com/>

Who are Peru's eco-innovating businesses?

- **IMSA**, manufacturers of machines and equipment for coffee, cocoa and grain processing, are notably introducing new technology to generate energy and biochar from the processing of organic waste. 'Pirotec' is a new pilot prototype which is expected to reduce energy consumption and waste, reduce operational costs and lead to overall improvements to the coffee and cocoa processing industries.
- **Peru Green Recycling** sustainably manage and recycle waste electrical and electronic equipment (WEEE); they are developing a new method for WEEE collection from communities. This will lead to higher revenues as expansion continues, with WEEE management activities being formalized in communities. The business is also raising awareness among citizens on the role of WEEE recycling.
- **FUNVESA**, a producer of iron castings for machinery in the mining and cement sectors, has adopted eco-innovation to boost its green credentials (taking advantage of new markets), and to create a new innovative material for the construction sector, made from the slags and sands from its production process. It has also reduced costs and energy consumption.
- **METAX** is a manufacturer of medical furniture products for healthcare establishments. Through eco-innovation, METAX is developing a new antibacterial product line and improving its performance by reducing operational costs, waste generation, and energy and water consumption.
- **MIMCO** provides metal coatings of steel structures for the mining, construction and telecommunication sectors. By developing new methods for re-use of zinc and recovery of iron by-products, the company anticipates income from recovered zinc as well as savings from reduced waste, lower operational costs and less use of raw materials.