



# SUSTAINABLE DEVELOPMENT GOALS

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POVERTY



# Cost control and quality management model based on process management to increase productivity



The project **“Proposal for a Cost Control and Quality Management Model Based on Process Management to Increase Productivity in the Citrus Agricultural Micro-Business Sector in Perú”** was implemented during 2020. This project, developed by Aracelli Macassi Jáuregui, Hernán Guillén Astocaza, and Martín Inga Aranguri, and funded by Universidad Peruana de Ciencias Aplicadas, delved into the impact of optimizing the production of small agricultural businesses in Perú. It was found that the implementation of this model generates new jobs, improves the existing ones, and combats poverty.



# Funded Project:

## **Geothermal renewable energy governance**

The project **“Governance of Geothermal Renewable Energy: Planning, Management, and Inclusive Community Participation in the Development of Sustainable Energy”** led by Carlos Cacciuttolo Vargas and Diego Morata Céspedes, was completed at the end of August 2020. This work, funded by Universidad Peruana de Ciencias Aplicadas, highlighted the benefits of geothermal energy and the relevance of the community in its development. The use of this type of clean energy is of vital importance, as it is another strategy to increase access to resources, democratize basic services, and thus put an end, little by little, to poverty.





# Funded Project:

## **Study of the risk of large mine tailings to socio-environmental safety in Peru**

The **“Study of the Risk of Large Mine Tailings to Socio-Environmental Security in Perú: Threat, Exposure, and Vulnerability of Communities”** was completed in 2020. This work was developed by Carlos Cacciuttolo Vargas and Fernando Valenzuela Lozano, and funded by Universidad Peruana de Ciencias Aplicadas. The objective of this research was to measure and identify the conflicts experienced by communities close to mining companies or that suffer the consequences of the pollution they generate. The study led to the preparation of a proposal for actions to be taken to improve the impact that this extractive activity has on people. Awareness of the consequences of mining on human groups should be raised, as this is another way to fight poverty and inequality.

