GridSense · Efficiency

GridSense

Country: Peru · Pucallpa **Category:** Efficiency **Impact Areas:** Mitigation, Circular Economy **Stage:** Ideation
Team Size: 2 **Website:** —

Elevator Pitch

IoT modules that transform traditional electric meters into smart meters simply by replacing the terminal block cover. This optimizes energy consumption, reduces energy losses, and makes energy efficiency accessible to everyone in the Amazon region.

Climate Problem

Energy inefficiency and power losses are its primary focus, as it optimizes energy consumption and makes technological efficiency accessible to all in the Amazon region through a solution that can be implemented immediately.

Solution

GridSense replaces terminal blocks with IoT modules, turning traditional meters into smart meters to optimize energy consumption and reduce losses.

Revenue Model

B2B model targeting electric utility companies. We will generate revenue through: 1) Direct sales of hardware (SmartTapa IoT module) and 2) Monthly subscriptions (SaaS) for use of the data analytics and monitoring platform.

Target Market

Electric utility companies and large customers looking to improve the efficiency of their electricity management.

Social Impact

People of African Descent, Indigenous Peoples, Roma - Sinti and Travelers, Persons Belonging to National or Ethnic - Religious and Linguistic Minorities, Migrants, Refugees - Asylum-seekers and Internally Displaced People, People Living in Extreme Poverty, Women, LGBTQI+ People

Demand Evidence

This is because there are projects in Peru that aim to transition to smart metering, but by replacing all conventional meters, which increases the cost of these projects, causes disruptions, and generates waste from electrical and electronic equipment.

Competitors

They do not currently exist.

Founder Expertise

We are environmental engineers with experience in the electricity sector, specifically at electric utilities.

External Support

None

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