



Qori Q'oncha - "Golden Cookstoves"

Families in Peru use clean cooking technology 2000 meters above sea level to improve their quality of life while fighting climate change.

Each day, the consequences of **climate change** become more apparent. Rural communities are especially **vulnerable** because they depend on seasonal weather patterns to harvest their crops. As an added pressure, these communities often use inefficient **open flame** stoves as a source of energy. This has a **huge impact** on the environment and their health.

In the highlands of Peru, where temperatures can drop to -5°C in the winter, **59.3% of households** use some type of biofuel. It is important to note that, in these **harsh conditions**, an open fire stove is often the only source of energy available in these vulnerable communities. As a result, **deforestation** and forest degradation have become more prevalent in Peru. **Respiratory conditions** related to household air pollution (HAP) have also become more common.

Qori Q'oncha was created to help address these challenges in an innovative way. Switching to **improved cookstoves** (ICS) reduces the use of firewood and **lowers carbon emissions**, all while expelling the toxic fumes outside the users' homes. Now the families benefitting from the project can **enjoy** a better quality of life while reducing their **environmental impact**.

Peru, South America



- 🌀 Making an Impact since: **2008**
- 🌀 Technology: **Improved Cookstoves**
- 🌀 Community members benefited to date: **601,325**
- 🌀 Emissions avoided since the beginning of the programme: **1,929,039 tCO₂e**
- 🌀 Trees saved to date: **145,158,834***

* Assuming firewood used comes from eucalyptus plantations 3x3 meters apart in the Peruvian Andes.



412,703

Number of community members benefited



100%

of beneficiaries say respiratory diseases and burns occur less or not at all since the ICS implementation



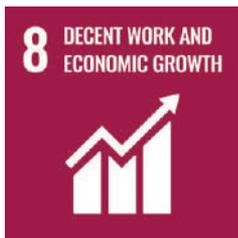
98%

of beneficiaries participated to capacity-building activities about the use and the benefits of the ICS



97,988

Number of improved cookstoves installed



12

Number of permanent jobs created by the implementation of the programme



742,627

Tonnes of greenhouse gases avoided



264,780

Tonnes of firewood saved a year

SUSTAINABLE DEVELOPMENT GOALS



Qori Q'oncha is proud to be the first improved cookstoves programme certified by the prestigious **Gold Standard** worldwide. The positive impacts on our communities and our planet are carefully measured and reported as contributions to achieving the **Sustainable Development Goals** (SDGs) defined by the United Nations (UN). The indicators shown above are taken from the last verification of the project, reflecting the period 2015-2017.

Impacts and project benefits

Qori Q'oncha, which means "golden cookstoves" in quechua, is a pioneer project with multiple positive impacts that can be sustained over time.

Our project is adapted to meet the needs of local communities after analysing the public policies in place and finding possible gaps where our contribution can have the most impact. Having this focus allows the project to be grounded in the local context and adapted to be part of a holistic approach to improve the well-being of rural families in Peru. This includes installing dry toilets and setting up the necessary infrastructures to give access to drinking water.

Furthermore, maintaining the **participation** and empowerment of local communities is key to guarantee the **long-term success** of the project. This is why after more than ten years since the installation of its first cookstove, Qori Q'oncha is still having a **profound impact** in many rural communities. But we must make sure this impact lasts.

Revenues from the carbon credits sales are entirely **reinvested** in our projects. Microsol commits **100%** of carbon credit sales to make sure all of our projects are **maintained overtime**. This includes monitoring, maintenance, and eventually the inclusion of **new families** into the programme.

Improving their lives and the environment



"Before with the smoke my house turned black, now it doesn't, and with this kitchen I can save firewood and money." - Lorenzo Gonzales (Chacapampa Community in Junin, Peru)



Working with communities to fight climate change.

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