



Corporate Brochure






Working with communities to provide access to sustainable energy and fight against climate change

About Microsol

Rural open cookstove in Peru

Microsol has been working for 15 years in Latin America, contributing to global sustainability through the implementation of **Improved Cookstoves (ICS) Programs** that reduce Greenhouse Gas Emissions (GHG) at source.

Rural open cooking negative impacts

-  Air pollution (CO₂)
-  Pressure on forests
-  Frequent wood collection
-  Lung/heart diseases
-  Health deterioration

Improved Cookstove: Utsil Naj Program, Oaxaca, Mexico

Improved Cookstoves positive impacts¹

-  Emissions reduction (CO₂)
-  Pressure reduction on forests
-  Additional time
-  Better family health
-  Overall well-being

¹Based on the latest verification of the Utsil Naj and Qori Q'oncha Programs (2018 and 2021, respectively).

Timeline Microsol



2008

The **Qori Q'oncha Program** is created in Peru to assess the impact of Improved Cookstoves in the Voluntary Carbon Market (VCM).



2010

Qori Q'oncha becomes the **first Program of Improved Cookstoves (ICS) to be registered by Gold Standard (GS)** in Latin America.



2013

The **Utsil Naj Program** is registered. Then in 2015 its first carbon credits are certified by Gold Standard.



2013

The **Utsil Naj Program** is created in Central America and Mexico.



2013

The **Qori Q'oncha Program** expands to include the participation of 8 local organizations, covering 10 regions of Peru.



2015

Baseline study for World Vision Peru on **clean and efficient cookstoves in rural communities** within the Cusco, Ayacucho and Ancash regions.



2017

Design of the Rural **Electrification, Cooking and Heating NAMA*** of Peru.



2016

Comparative study for the Climate & Clean Air Coalition (CCAC) on the state of **rural cooking practices** (progress and challenges) in Mexico, Colombia and Peru.



2018

Design of the **MRV system of the Efficient use of Fuel NAMA*** of Guatemala.



2019- 2021

Pilot phase to test an ITMO between the governments of Switzerland and Peru.



2022

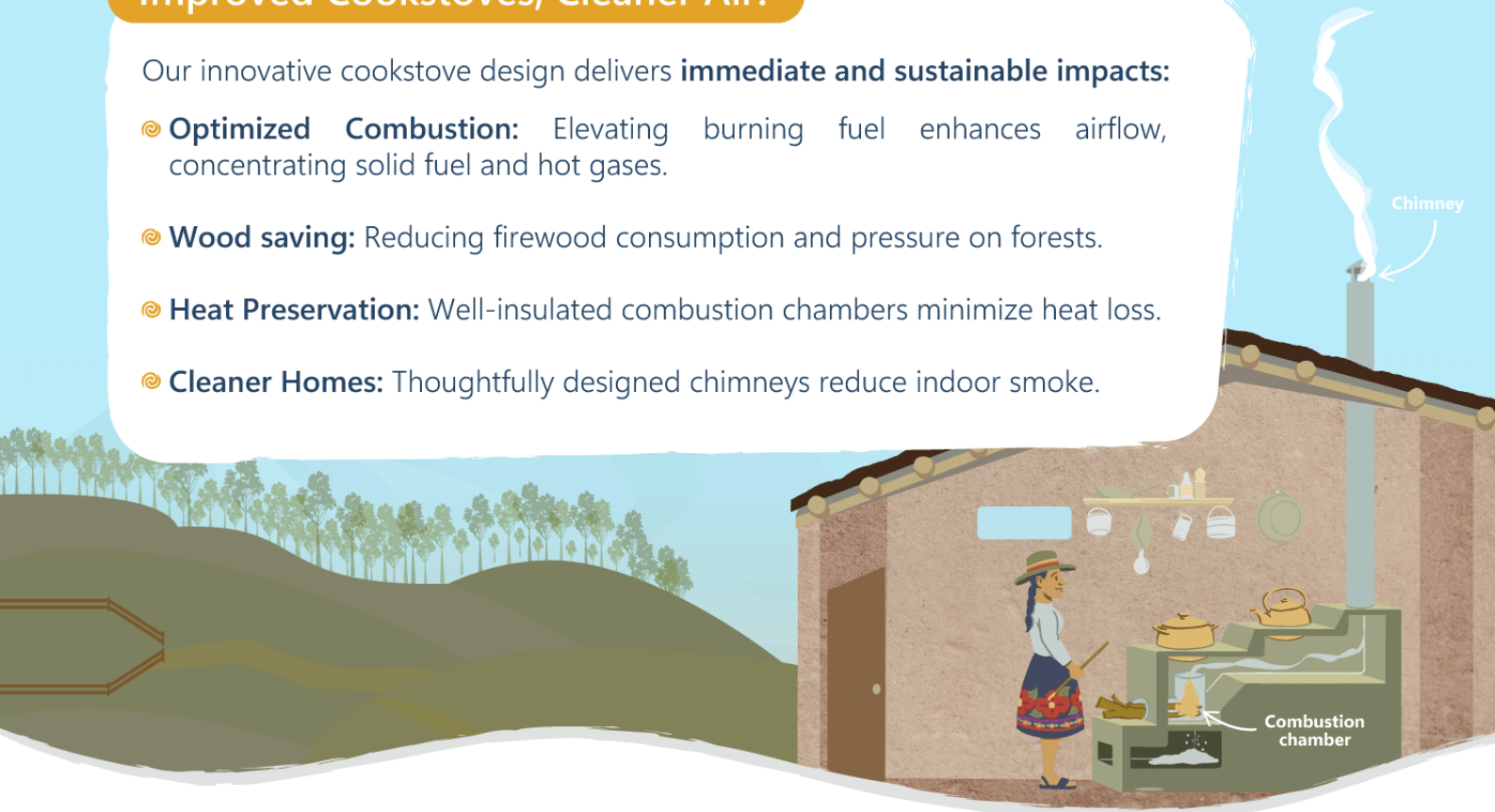
Tuki Wasi Program implementation in Peru.

Why Improved Cookstoves (ICS)?

Improved Cookstoves, Cleaner Air!

Our innovative cookstove design delivers **immediate and sustainable impacts**:

- 🌀 **Optimized Combustion:** Elevating burning fuel enhances airflow, concentrating solid fuel and hot gases.
- 🌀 **Wood saving:** Reducing firewood consumption and pressure on forests.
- 🌀 **Heat Preservation:** Well-insulated combustion chambers minimize heat loss.
- 🌀 **Cleaner Homes:** Thoughtfully designed chimneys reduce indoor smoke.



Sustainable Development Goals

We manage two carbon certification Programs in the voluntary market: Qori Q'oncha in Peru, and Utsil Naj in Mexico, Guatemala and Honduras¹. Both respond to **7 Sustainable Development Goals (SDGs)**, following Gold Standard's TPDDTEC methodology² (version 2.0). Likewise, we are currently implementing the Tuki Wasi Program, the first ICS ITMO³ Program of the region under Article 6.2 of the Paris Agreement, as part of the bilateral agreement between the governments of Switzerland and Peru. **The Program, currently under validation, aims at 12 SDGs⁴**



¹ Qori Q'oncha & Utsil Naj Programs: 7 SDGs certified (1, 3, 4, 7, 8, 13, & 15).

² Technologies and Practices to Displace Decentralized Thermal Energy Consumption's.

³ Internationally Transferred Mitigation Outcomes.

⁴ Tuki Wasi Program aims to respond: 12 SDGs (1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 15 & 16).

Our programs

Qori Q'oncha

"Golden Cookstoves"

Registered: 2010 | Certified: 2011



Where and when:
Peru - 2008



Technology:
Improved Cookstove



Wood saving (average):
40%



Emissions avoided:
2,620,030 tCO₂e



Beneficiaries:
601,325



Certified Improved
Cookstoves installed:
134,573

Data updated to february 2024.

Awards:



PREMIO NACIONAL AMBIENTAL
Antonio Brack Egg
Edición 2020



Perú por los
Objetivos de
Desarrollo
Sostenible

Winner in the "Planet" category
2021 Edition

Qori Q'oncha Program, Huanuco, Peru

Certified by:



Gold Standard
for the **Global Goals**

Qori Q'oncha contributes with 7 ODS:



Our programs

Utsil Naj

“A Healthy Home for all”

Registered: 2013 | Certified: 2015



Where and when:
**Mexico, Honduras
& Guatemala - 2013**



Technology:
Improved Cookstove



Wood saving (average):
40%



Emissions avoided:
209,681 tCO₂e



Beneficiaries:
110,125



Certified Improved
Cookstoves installed:
22,065

Data updated to february 2024.

Awards:



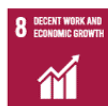
Utsil Naj Program, Oaxaca, Mexico

Certified by:



Gold Standard
for the **Global Goals**

Utsil Naj contributes with 7 ODS:



Our programs

Tuki Wasi

“Cozy Home”

Under validation process



Where:
Peru - On going



Technology:
Improved Cookstove



Beneficiaries projected
(estimated until 2030):
140,000 - 175,000



Emissions avoided projected
(estimated until 2030):
400,000 - 750,000 tCO₂e



Certified Improved
Cookstoves installed:
22,065

Data updated to december 2023.

In collaboration with:



Stiftung Klimarappen
Fondation Centime Climatque
Fondazione Centesimo per il Clima
Climate Cent Foundation

klik

Foundation for
Climate Protection and
Carbon Offset Klik

Tuki Wasi Program, Huanuco, Peru

The Tuki Wasi Program aims to respond to 12 SDGs:



Consultancies

Technical services

Based on our experience in carbon certification, **we provide technical assistance to different organizations in order to help them design, and implement, their energy efficiency or climate action projects.** Some of our most memorable collaborations are:

KliK Foundation & Climate Cent Foundation (CCF) / 2021 - On going

klik Foundation for Climate Protection and Carbon Offset KliK

 Stiftung Klimarappen
Fondation Centime Climatique
Fondazione Centesimo per il Clima
Climate Cent Foundation

Climate Cent Foundation (CCF) / 2018 - 2022

 Stiftung Klimarappen
Fondation Centime Climatique
Fondazione Centesimo per il Clima
Climate Cent Foundation

Netherlands Development Organisation (SNV) - 2018

SNV

Inter-American Development Bank (IDB) - 2018

 **IDB**
Inter-American Development Bank

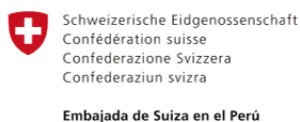
Climate & Clean Air Coalition (CCAC) - 2017

 **CLIMATE & CLEAN AIR COALITION**
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

Ministry of Energy & Mining (MINEM) - 2017

 **PERÚ** Ministerio de Energía y Minas

Our stakeholders



Chimaltenango, Guatemala



Microsol

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