



Energy Efficient Cooking Stoves in India

Due to innovative, more energy efficient cooking stoves, Indian families can reduce their demand for firewood. Thus, rapid deforestation is stopped and at the same time, respiratory diseases can be prevented.

PROJECT DESCRIPTION

To date, over 60% of India's population uses traditional stoves to cook. This leads to rapid deforestation and harmful pollution into the indoor air. Indians are hence exposed to pollutants which have the same effect upon their lungs as smoking two packs of cigarettes each day.

Half a million Indians die from respiratory diseases due to indoor air pollution every year.

This project raises the funds for the production of new high-quality cooking stoves. Not only are they more efficient, but they are also more long-lived and affordable for Indian families due to the project funds.

Families had to spend up to one third of their income to buy or three hours per day in order to collect firewood to cook using traditional techniques. The improved cooking stoves hence help them to save a substantial amount of both time and money.

More than 300'000 families are provided with the improved cooking stoves and benefit from this project.

In order to raise awareness for the project, various communication methods such as newspapers, blogs, or television broadcasts are used. Furthermore, workshops are organized to teach the local population about the health risks of indoor air pollution and the benefits of quitting traditional cooking methods. Thus, the acceptance for the project is high among Indian people and the long-term usage of the improved cooking stoves is ensured.

Project type: Reduced deforestation

Emission reduction: The reduction in deforestation is approximately equivalent to the emission of 18'000 tCO₂e.

Project standard: The project is verified in accordance with the Gold Standard.

Gold Standard[®]
Climate Security & Sustainable Development

Location: The improved cooking stoves are sold to people all over India.



SOCIAL AND ECONOMIC BENEFITS

- The new cooking stoves cut the firewood demand by 60%, hence **saving families a lot of time**.
- Due to the higher efficiency, the **cooking time is reduced** by up to 50%.
- Households rely less on the commercial fuels, thus the cooking stoves **help them save money**.
- The ambient air quality is improved as the new cooking stoves reduce pollution. This **avoids many cases of premature death** due to respiratory diseases.
- Project funds enable the producers of the cooking stoves to sell the product on free markets, which **benefits local entrepreneurs**.
- Several supply channels are used, which help reorganize the **local Indian economy in a sustainable manner**.
- As time and money are saved, many families can **reinvest into education and health**.

ENVIRONMENTAL BENEFITS

- The massive reduction in firewood demand **protects large forest areas** from deforestation.
- The emission of **black carbon is reduced** since the more efficient cooking stoves lead to a complete combustion.



Communication kit

- Factsheet
- High resolution photos
- Video

Guaranteed Swiss Climate Quality for credible offsetting

- High standards for projects (Gold Standard or equivalent)
- Additionality of the projects
- External validation and verification
- Social and economic benefits
- Complete transparency through deposition of the certificates in a public registry (Markit registry)

Would you like to support the project “Energy Efficient Cooking Stoves in India” by purchasing carbon credits?

Then contact us:

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