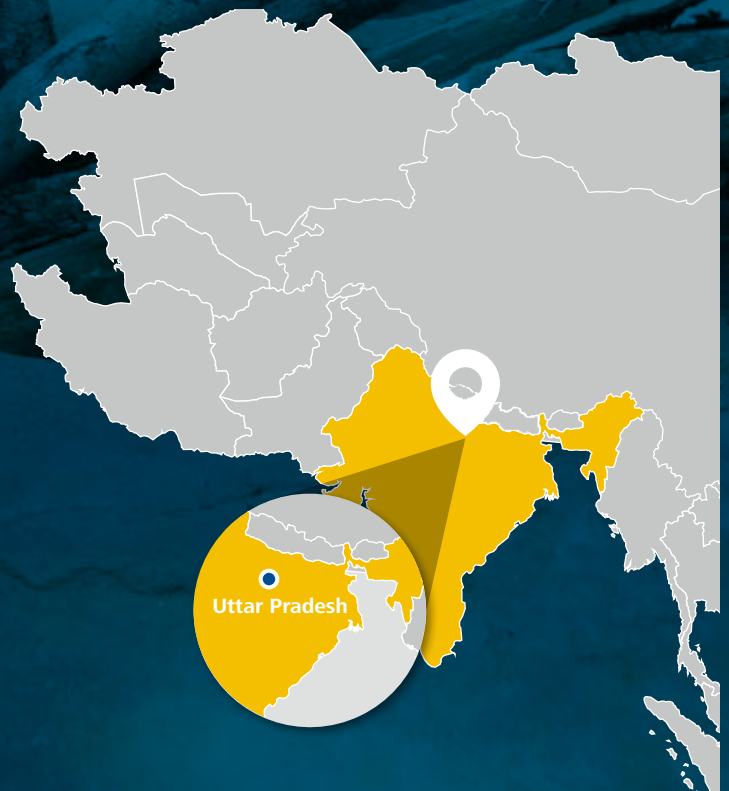




BIOGAS FOR SUSTAINABLE COOKING IN RURAL AREAS INDIA

Clean affordable energy, improving
women and children's health



This project is contributing to the sustainable development in India by replacing firewood for cooking with clean, sustainable and efficient biogas. Aside from this, residue from the biogas plants is used as an organic fertiliser, improving soil conditions.



The use of clean fuel ultimately leads to improved sanitation in the village and overall health improvements.

In the rural areas of Uttar Pradesh and Gujarat, the majority of the population depend on firewood for cooking. This dependency is a major cause of indoor pollution, which leads to around 500,000 premature deaths per year in India.

This project encompasses 25,000 individual biogas plants. Each household utilises the dung of its cows to feed the plants, which produce biogas for domestic purposes. This leads to a reduction of greenhouse gas emissions, as conventional non-renewable biomass is replaced with renewable biogas.

The project contributes to the sustainable development in rural areas by generating local employment opportunities and reducing deforestation. Furthermore, by reducing hazardous smoke caused by indoor pollution it contributes to improved health and sanitation, especially for women and children.

Gold Standard®



25,000

biogas plants installed



39

jobs generated



21,800

GHG emissions mitigated per year (tCO₂e)



22,044

tonnes of firewood saved/year

PROJECT HIGHLIGHTS

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>