

Project Overview

Energy - efficient Cooking Stoves

The situation in Udaipur

More than 61% of the land area in the Indian state of Rajasthan is desert. Cooking with traditional wood stoves, as it is practiced by 95% of the families in Udaipur district, is becoming more and more difficult for the women. Because of the deforestation, wood has to be bought by the families. If they cannot afford buying it, women have to take hikes of up to five hours to collect wood. In addition, women and children are usually exposed to heavy smoke when cooking in the huts, which attacks the respiratory tract and irritates the eyes.

Benefits of the energy-efficient stoves

The aim of the project is therefore to reduce the high consumption of firewood through energy-efficient stoves. For this reason, the traditional stoves in 18,500 households are replaced by energy-efficient stoves. The project does not only works towards emission reduction but at the same time also towards a socio economic development of the region.

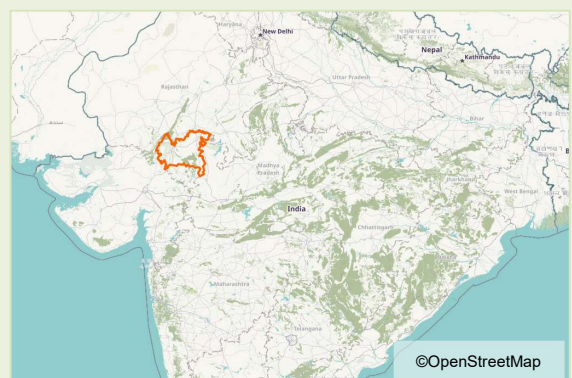
Due to the decreasing demand for wood, the deforestation and devastation can be counteracted locally. In addition, the lower wood consumption results in less smoke during cooking, which is beneficial to health and reduces emissions. Women report on grime in the pots, fewer respiratory diseases and eye infections. They do not have to collect or buy as much wood and thereby earn more time and money to spend on other things.

In total, the project cuts down on 429,000 t carbon. On average, a family needs 67.5 percent less wood and women save up to 500 hours a year that would otherwise be used for collecting wood.

Another advantage is the diffusion of new technologies in the rural area, which leads to new jobs in the production and maintenance of stoves.

Name:	Energy-efficient cooking stoves
Category:	Energy-efficiency
Location:	Kherwara und Rishabhdev Districts in Rajasthan, India.
Partner:	Seva Mandir
Standard:	Gold Standard for the Global Goals
Savings:	429,000 t CO ₂ (in total)
Duration:	10 years
Status:	Certificates since 2018

Contribution of the project to the 17 Sustainable Development Goals of the UN:



Link to our partner organization:

<https://www.sevamandir.org/Default.aspx>