

Project Overview:

Energy-efficient Cooking stoves

Situation in Paderu Division, Visakhapatnam District, India.

For the women in Visakhapatnam district is an increasing burden. On the one hand they need to undertake long walks for collecting firewood and on the other hand they are exposed to heavy smoke while cooking in the huts, which attacks the respiratory tract and irritates the eyes.

The partner organisation LAYA has already installed 3,905 energy-saving cookers in 109 villages and plans to build more. These stoves are made of local clay and can also be heated with other biomass fuel. As a result, they require between 25 and 30% less fuel than traditional fireplaces.

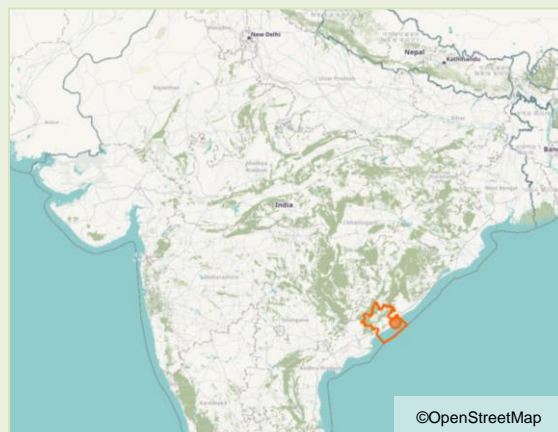
Benefits of the energy-efficient cooking stoves

Due to a declining demand for biofuels such as wood, the increasing deforestation and overexploitation of forests can be reduced. The small amount of fuel required reduces smoke and emissions. Per stove, 1.32 tons of CO₂ are saved per year.

The lower exposure to smoke, especially among women, leads to an improved state of health and fewer respiratory diseases. Another advantage is the creation of jobs. The local residents are trained in the construction and maintenance of the cooking stoves and can therefore offer their own construction workshops.

Name:	Energy-efficient Cooking Stoves
Category:	Energy-efficiency
Location:	Paderu Division in Visakhapatnam District, India.
Partner:	LAYA Resource Centre
Standard:	VER and Gold Standard
Savings:	47.411 t CO ₂ (in total)
Duration:	2012-2020
Status:	Certificates since 2015

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



Link to our partner organization:
<http://www.laya.org.in/what-we-do/pro-poor-carbon-initiatives.html>