

Project Overview:

Biogas Project for the Rural Poor

Situation of families in the project regions in India

People in Anantapur district are severely threatened by droughts and the country's natural resources are almost depleted. 98 % of the rural population use wood to fire their clay stoves for cooking. 90 % of thereof is non-renewable biomass. It is only a matter of time before the wood is used up. However, other fuels such as gas or kerosene are not a suitable alternative for the poor population due to their high prices.

The aim of the project partner SEDS is to help the poor in this rural area and to build biogas plants. Each family owning livestock receives a biogas plant with a size of around 2m³, which is built on site from local resources and filled with organic waste products such as cow dung. The resulting biogas is used in the households for cooking and heating water. This replaces the firing of traditional stoves with scarce firewood and kerosene rich in pollutants. 5,500 plants have been built in the respective households in 121 villages.

Benefits of the biogas plants

The project contributes to the protection of natural resources by avoiding further deforestation. The health-damaging emissions caused by open fireplaces are eliminated, resulting in better health, especially for women. For women and children alike, the burden and time required to collect firewood is significantly reduced.

Since biogas generates three times as much heat as firewood, cooking time is shortened and mothers have more time to care for their children. The energy supply is guaranteed and a nutrient-rich fertilizer is produced as a by-product of the biogas plants, which the families can use for agriculture. Another positive effect are the jobs created by the construction and maintenance of the plants.

Name:	Biogas CDM Project for the Rural Poor
Category:	Renewable Energy
Location:	Anantapur District, Andhra Pradesh, India
Partner:	Social Education and Development Society (SEDS)
Standard:	CER and Gold Standard
Savings:	105.716 t CO ₂ (in total)
Duration:	2011-2022
Status:	Certificates since 2016

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



Link to our partner organization:
<http://sedsngo.blogspot.com/>