



## Nr. and Title

U 003

# Supergas

## Initiator(s)

Superflex

## Description

Supergas is a simple biogas system running on organic materials, such as human and animal dung. The biogas plant produces approx. 3-4 cubic metres of gas per day, enough for a family of 8-10 members for cooking purposes and to run one gas lamp in the evening.

It was designed and constructed in collaboration with a team of European and African engineers.

In August 1997, Superflex installed and tested the first unit in a small farm in central Tanzania, in cooperation with the African organisation SURUDE (Sustainable Rural Development).

## Goals

To formulate an environmentally and economically sustainable form to produce energy to be used in the global south.

## Beneficial outcomes

Supergas systems have been installed in Tanzania, Cambodia and a prototype is being developed for mass production in Mexico.

## Location

Tanzania, Thailand, Cambodia, Zanzibar, Mexico.

## Users

Superflex, biogas engineers (Jan Mallan, Tomas Peterson) Danish and African engineers, SURUDE (Sustainable Rural Development).

## Maintained by

UTA University of Tropical Agriculture and Tomas Peterson NGO (Dantan & ZALWEDA) OPA and TOA.

## Duration

1997 - ongoing

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## Category

scientific, economy, environment