



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