



# Superflex

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## TOOLS/SUPERGAS

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**Arte Útil archive nr:**  
003

**Initiator:**  
Superflex

**Location:**  
Tanzania, Thailand, Cambodia,  
Zanzibar, Mexico.

**Category:**  
scientific, economy, environment

**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

**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.

**Images:**

