



KNOW-HOW 3000

SUCCESS STORY AT A GLANCE

Ecological Sanitation - Urine Diversion Dehydrating Toilets (ECOSAN - UDDT)

What is it about?

A UDDT, a special type of Ecological Sanitation toilet (ECOSAN), is operating without water and separates urine from faeces, which both can be used as further resources.

Why an intervention?

Water toilets are expensive and need a large amount of water. Using no toilets at all is no alternative because it causes and favors the spread of diseases.

What does it change?

- No need of a constant source of water
- No problems with odours and vectors
- Can be built with locally available materials
- Low capital and operation costs

How does it work?

A urine-diverting dry toilet (UDDT) is a simple, lowcost, on-site toilet that operates without water and has a divider so that the user, with little effort, can divert the urine away from the faeces. The separately collected urine and the dried faeces can be used as fertiliser in crop production. Adding wood ash, lime, dry earth, etc. to the faeces helps to lower the moisture content and to accelerate the drying process.

Who are the beneficiaries?

Hospital staff, patients and attendants, as well as networking partner organizations.

Who could use that approach?

UDDTs are mainly suitable for regions with high average temperatures, long dry and short rainy seasons or arid climatic conditions with high evaporation rates. Nevertheless, with the right designs, they can also work in a more humid climate and it is also possible to utilise a UDDT in regions with cold climate conditions. There should be a need for compost or urine as fertiliser.

Who is already using it?

UGANDA: St. Joseph's Hospital Kitgum, Kalungu Girls School, Masaka; Maracha Hospital, Maracha; St Clare Children's Home; Naggalama Hospital; Holy Family Hospital Nyapea. DESECE, Kenya

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AUSTRIAN ORGANISATION
FOR DEVELOPMENT COOPERATION

Sector: Rural Development - Natural Resource Management

Period: 2006 - 2013

Contact information and further material:

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