

Sustainable Sanitation and the importance of Capacity Development

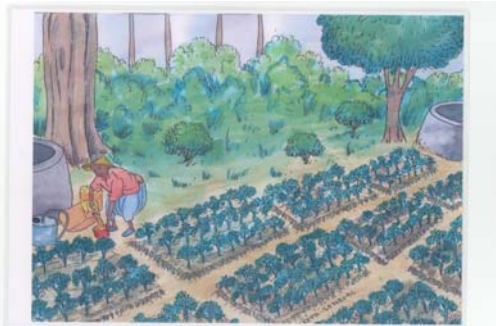
Elisabeth Kvarnström

&

Madeleine Fogde



EcoSanRes (ESR II) Programme



A GLOBAL
Pro-poor policy and capacity
development programme in
SUSTAINABLE
SANITATION
financed by Sida



Limited Sustainable Sanitation Capacity in the World!!

- Serious lack of capacity among professionals
- Poor level of understanding and interest among all water and sanitation professionals
- Few comprehensive university programs exist
- Governments, municipalities, stakeholders, NGOs, industry , all suffer from lack of capacity
- Taboos have prevented an open dialogue on sanitation
- Sanitation has yet to become a sustainability issue



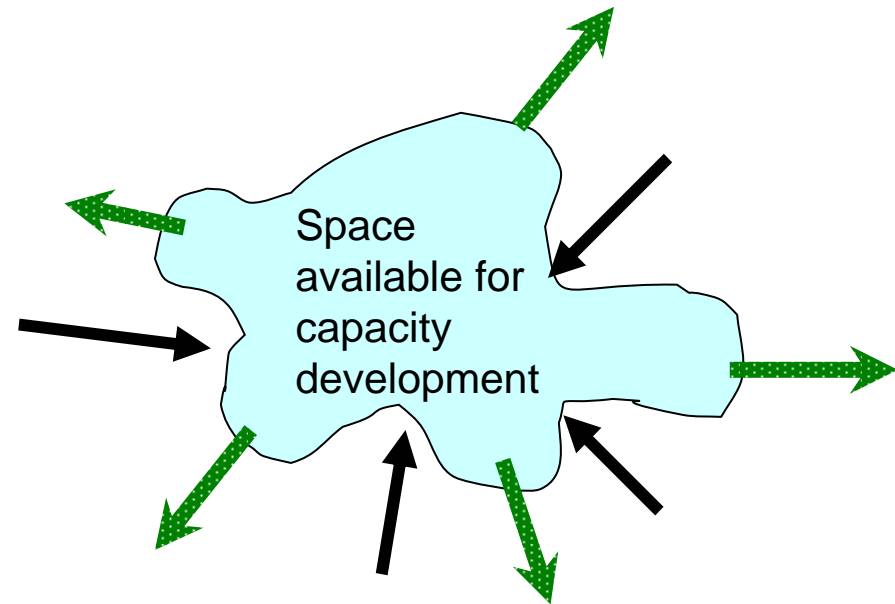
The Human Element

The consultation, education of, and communication with end users and stakeholders within a participatory process is crucial for the sustainability of systems



Capacity development

...a process of unleashing strengthening, creating and maintaining capacity over time.



ESR II 2006 – 2010

- Knowledge nodes in ten regions for capacity development in sustainable sanitation

Only starting up!!

Knowledge nodes to respond to capacity demand expressed in the region

- *Knowledge management and development*
- *Dissemination of best practices*
- *Communications and networking*

Toilets That Make Compost
Low-cost, sanitary toilets that produce valuable compost for crops in an African context



by
Peter Morgan

- International Training Program in Ecological Sanitation Alternatives

On-going!!

International Training Program



What is a knowledge node?

- An organisation or network of organizations that can take a leading role for capacity development for sustainable sanitation in a country or region.
- Identification of organizations is on-going
 1. Independent scoping study ←
 2. Validation of results from scoping study in workshop with stakeholders
 3. Call for proposal to host the node
 4. Evaluation of node hosting proposals
 5. Establishment of node

Knowledge Nodes Development



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Kick-off of African Sanitation Knowledge Network (ASKNet) Uganda Nov 1-2, 2007

- Objective: Enhance the ability of academics across the disciplines to contribute to the mainstreaming and up-scaling of sustainable sanitation to meet the MDG's in Sub-Saharan Africa.

Universities from:
Burkina Faso
Ivory Coast
Botswana
Zimbabwe
South Africa
Mozambique
Ehtiopia
Kenya
Tanzania
Uganda
Rwanda
Ghana...



...Britain
Germany
Austria
The Netherlands
Sweden



Communications and Networking



Support to Developing policy, legislation and regulation
Social marketing of Sanitation
International publications series and fact sheets
Global Projects database
Website and diskussion group
Library service
Media outreach

- **Knowledge development and advisory team**

- guidelines
- global training courses

- **Thematic Working Groups**

- toilet design and architecture,
- urine & faeces collection, composting, storage and reuse
- greywater and wastewater reuse
- social and gender aspects
- livelihood and vulnerability research
- economics
- health and hygiene aspects



sustainable sanitation alliance

Working Group 1 Capacity development for Sustainable Sanitation

gtz, BGR, TTZ, IEES, IWWA, BOKU, UNESCO-IHE, WTC, Eawag / Sandec, IWA-SG, AEE INTEC, UN-Habitat, Uni. Essex, UNDP, Cap-Net, TUT, SEECON, PLAN, WRC, WES-Net India, UMB, Ecosan-services, CREPA, WEDC, IRC, WASTE, Scope, SEI, Earth Forever,



Activities 2007



- A **fact sheet** with basic information regarding capacity development for sustainable sanitation and an inventory of current courses at training institutes, organisations and universities
- A **strategy document** to guide planning and implementation of capacity development, taking in consideration new target groups instrumental for assessment, implementation and monitoring of sustainable sanitation actions.
- Basic information regarding capacity development added to the database on the **EcoSanRes homepage**

sustainable
sanitation
alliance

Master course Norway UMB and Beijing Technical University

E-learning courses UNESCO-IHE

E-learning courses at TUT in Finland

**Kick off academic network for sustainable sanitation, Waste
SEI and UNESCO IHE**

**SEI has scoped China, West Africa, scoping are undertaken in
East Africa , Southern Africa, Central America and**

Latin America.

CAP net is planning course for EcoSan SA

UNICEF planning information network for EcoSan in SA

**Plan and Gov. of India intend to print EcoSan handbook in 12
Indian languages**

Regional EcoSan Conference ECCA region

International EcoSan Conference in Fortaleza

GTZ is updating a new source CD for Sustainable Sanitation



It is our responsibility

