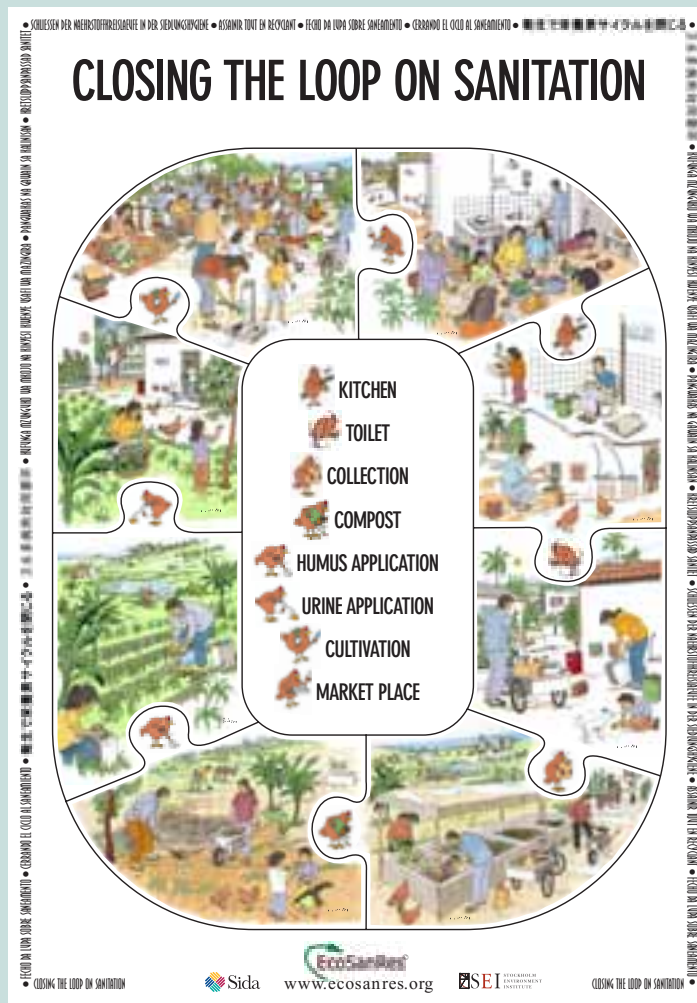


Advanced International Training Programme



2005

SWEDEN – SOUTH AFRICA – MEXICO
AUGUST 2005 & FEB/MARCH 2006

Invitation

The Swedish International Development Cooperation Agency (Sida) is the government agency given the task to plan and administer Sweden's bilateral cooperation programmes with developing countries. The agency is also responsible for Sweden's co-operation with Central and Eastern Europe. At present Sida is supporting approximately 2,000 projects. The major part of the resources is allocated to some 20 partner countries where more long term cooperation is implemented.

The aim is to provide effective and efficient development assistance in a changing world. This requires flexible methods based on a holistic and co-operative approach. Sida's activities are based on the assumption that the co-operating countries wish to carry out changes and are willing to invest their own resources to achieve these changes.

Sweden's total budget for international development co-operation is appropriated to MSEK 21 751 for 2004. Sida's budget is approximately MSEK 18 580.

Most cities in the world have deficient sanitation services and water provision, while suffering from critical environmental degradation. Sewage discharges from centralised water-borne collection systems pollute surface waters and seepage from sewers, septic tanks and pit toilets pollute groundwater. The peri-urban areas offer among the worst polluted and disease ridden settlements.

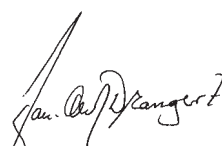


Maria Norrfalk
Director General
Sida

Urbanisation in addition to population growth puts stress on potable water and other natural resources. Additional individuals call for more food and consequently increased need for fertilizers. The water and nutrient cycles need to be closed. Greywater, urine and faecal matter should be *contained, sanitised and reused* in order to protect ground and surface water resources and produce the required amount of food. Major changes in urban sanitation and water management are anticipated and will involve professionals, authorities, entrepreneurs, trainers and households.

Sida supports a number of ecological sanitation initiatives through the EcoSanRes Programme (www.ecosanres.org) and other organisations. Urban pilot projects are ongoing in selected countries using urine-diversion dry sanitation with the circulation of sanitised urine and faeces to urban agriculture. Ecological sanitation is multi-disciplinary in character and includes cultural and social desirability, hygiene aspects, handling of greywater and reuse of nutrients from human excreta in agriculture, protection of surface and ground water, financing, technical performance, promotion and community involvement, policy development and related institutional issues, etc.

The training programme is conducted in English and is designed for professionals engaged in town planning, service delivery, water supply, waste management, and socio-economic development; as well as researchers and trainers in fields of environmental sanitation, and key persons engaged in NGOs with projects related to improved sanitation and water supply.



Jan-Olof Drangert
Training Programme Director
EcoSanRes Programme

Programme Objectives

The overall objective of the programme is to disseminate information and knowledge about new options in sanitation to support urban dwellers in reducing environmental health risks, improving nutritional status and protecting water resources and other environmental assets. The long-term goal is better health and well being as well as the protection of the environment.

Contents

The training builds on the participants' experiences and needs and consists of problem-solving activities and related lectures. The aim is to enable the participants to initiate and participate in the decision-making processes related to development of ecosystem-based sanitation initiatives and providing the participants with a more in-depth understanding of:

- Water and nutrient cycles in time and space and related routes of contamination
- Management options for improved urban environmental sanitation and ways to utilise nutrients in human excreta as a resource in urban agriculture
- Risk assessment, incl. hygiene in handling sanitized urine and faecal matter, and residents' and professionals' attitudes and norms concerning risks
- Costs and benefits, including those related to the environment, of ecological sanitation systems compared to current technical alternatives
- Exchange of experiences of household efforts to improve well-being through safe excreta disposal and protection of ground water
- Skills training in social inquiry

Programme Structure

The programme is divided into three phases as follows:

The first phase aims at presenting the principles of sanitation provision, water protection and how in a safe manner to reuse the nutrients from human excreta and water from greywater. This three-week phase takes place in Sweden-Stockholm, Linköping and Uppsala.

During phase 2, each participant undertakes a professional project within his/her organisation with advisory support by the training programme staff. The project is an integral part of the training programme and is reported on in phase 3.

Phase 3 gathers participants from African countries in South Africa and participants from Latin America and the Caribbean in Mexico. The aim is to share experi-

ences with participants and decision-makers in the host country on implementation issues, including systems analysis and selection algorithms. Participants establish country-based and regional networks.

Date and Place

Phase 1: Sweden 15 August – 2 September 2005.

Phase 3: South Africa in February 2006 and Mexico in March 2006.

Teaching

During phases 1 and 3 the programme emphasis is on active involvement of all participants in exchange of experiences through discussions, workshops, and visits to ecological sanitation sites. Each phase includes daily programme activities based on a 40-hour work week.

Management and Staff

The programme is organised by Stockholm Environment Institute (SEI) with assistance from the Swedish Institute for Infectious Disease Control, the Swedish University of Agricultural Sciences and universities, research institutions and governmental organisations in Sweden and elsewhere. The lectures, seminars and work groups are led by Swedish and international experts. Dr. Jan-Olof Drangert is the Programme Director and Cecilia Ruben is the Programme Administrator.

Participation

The Programme is open to persons working professionally or on a volunteer basis with sanitation and water issues in urban and peri-urban areas.

Target Regions

Africa and Latin America & the Caribbean with fifteen participants from each region.

Target Group

Professionals engaged in town planning, water supply, waste management, and socio-economic development; researchers and trainers in fields of environmental sanitation, and key persons engaged in NGOs with projects related to improved sanitation and water supply.

Language requirements

The Programme is conducted in English, and fluency in English is a prerequisite. Candidates having other than English as their mother tongue must certify their proficiency in English through an English test with a certificate. Neither the Swedish Embassy nor SEI can give advice on recognised language institutes to contact.

Due to the character of the programme, family members are not allowed to accompany participants.

Application Process

**Closing date for application is
April 1, 2005.**

Note! A copy of the application should be sent by fax to **Cecilia Ruben, Stockholm Environment Institute, fax +46 8 723 0348**. Necessary information for contacting the candidate, i.e. e-mail, fax, telephone and postal address and possible alternative co-ordinates, must be provided.

- Applications submitted after closing date will not be considered
- Applications should be written on the special form attached and include a recent photograph and required information and supportive documents
- An English language test certificate from a recognised institution must be attached, unless the applicant can provide other documentation to support her/his proficiency
- The Swedish Embassy/Consulate does not carry out language tests
- Applications should be approved by the official nominating authority in the applicant's country
- Applications should be submitted to the Swedish Embassy/Consulate
- If there is no Swedish Embassy/Consulate in the applicant's country, the application should be submitted directly to the Programme Secretariat at SEI.

Once accepted, the candidate must urgently confirm participa-

tion and willingness to accept the stipulated conditions regarding availability during phases 1 and 3, costs to be defrayed by the participant and the assignment to be carried out during phase 2. Once such confirmation has been received, a formal invitation letter will be issued, containing information regarding the programme and practicalities.

Cost of Participation

Participation costs consist of a fee, accommodation and travel expenses. The participation fee covers training, i.e. lectures, literature, documentation, study tours and certain social activities. The accommodation includes board and lodging. The two categories of travel are international and national.

Phase 1

The Swedish International Development Cooperation Agency (Sida) covers:

Participation fee

Accommodation

Travel between the study locations and field trips in Sweden

The participant defrays the following costs, namely:

International travel to and from Sweden **and** arrangement of all tickets

Travel in Sweden to/from study location

Travel to/from nearest international airport in country of residence

Visa application and issuance

Pocket money for personal expenses

Phase 2

All costs for the ecosan project carried out at the participant's workplace are paid by the participant

Phase 3

The Swedish International Development Cooperation Agency (Sida) covers:

Participation fee

Accommodation

International travel from country of residence to South Africa or Mexico.

Local travel for study tours and field visits in South Africa or Mexico.

The participant covers the following costs, namely:

Travel to/from nearest international airport in country of residence

Visa application and issuance
Pocket money for personal expenses

Selection

We attempt to achieve a balance of qualified men and women in the training programme. Applicants will be informed by email, fax or phone by 15 May 2005.

Accommodation

The participants will be accommodated in medium-standard hotels/guest houses in single rooms with access to toilet, shower/bath and often cooking facilities.

Visa

Participants are responsible for obtaining visas in connection with phases 1 and 3. The visas must be valid for the duration of the programme. Check validity requirements of the passport. Inquiries should be directed to respective Swedish Embassy/Consulate

(details at www.migrationsverket.se/english.html) alternatively another Schengen country representation as soon as possible after acceptance into the programme. Participants visiting other countries on their way to or from Sweden must ensure that correct visas are obtained before leaving country of residence, especially for countries not included in the Schengen Agreement. Also notice visa requirements for South Africa or Mexico. Participants carry visa costs.

Insurance

Participants are covered by a group insurance while in Sweden and during phase 3 of the courses in South Africa and Mexico respectively, which includes costs for medical care in the event of acute illness or accident. Medical and dental check-ups and vaccinations are not included.

Contact information

The address for all communication is:
SEI
Box 2142,
103 14 Stockholm,
SWEDEN
Fax +46 8 723 0348
www.sei.se and www.ecosanres.org

Programme Director:
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tel: +46 709 370179,
jandr@tema.liu.se

Programme Administrator:
Cecilia Ruben,
tel: +46 8 412 1416,
cecilia.ruben@sei.se

Presentation of Programme Secretariat



The advanced training programme is managed by the **Stockholm Environment Institute (SEI)**. See www.sei.se. SEI is a research institute with HQs in Stockholm, Sweden, and centres in Boston, US, York and Oxford, UK, Tallinn, Estonia, and Bangkok, Thailand. SEI's mission is to bridge science and policy in the field of environment and development at local, national, regional and global scales. SEI has six main research programmes, which are implemented across-centres, namely:

- Climate Change and Sustainable Energy Systems Programme
- Atmospheric Pollution Programme
- Water and Sanitation Programme
- Risk, Livelihoods and Vulnerability Programme
- Sustainability Science and Future Scenarios Programme
- Policy and Institutions Programme



One of SEI's major undertakings is the **EcoSanRes Programme**. See www.ecosanres.org. It is a Sida-financed global programme aiming at enhanced provision of sustainable sanitation and Sweden is now one of the larger international actors in sustainable sanitation. EcoSanRes, focussing on **Closing the Loop on Sanitation**, is managed according to the following structure:

- Global institutional networking and policy development
- Capacity building, training and awareness raising
- Methods development, studies and evaluation
- Implementation in pilot projects, especially in urban and peri-urban areas

Halving poverty by 2015 is one of the greatest challenges of our time, requiring cooperation and sustainability. The partner countries are responsible for their own development. Sida provides resources and develops knowledge and expertise, making the world a richer place.



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