



Presentation from
**2015 World Water
Week in Stockholm**

www.worldwaterweek.org

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“Building an ecosystem to provide WASH solutions through inclusive business” **Co-creating the Future**



2015: Water for development

#wwweek
23rd August 2015



Find your Swedish partner: Facilitating co-creation



AQUA-Q
Online Water Control & Ozone Application

AQUATRACK™
For drinking, source and recycled water.



- *Check our video and find Swedish organisations and initiatives. Do they match with your company and/or needs?*
- *Let us know by writing down your contact details and what company you would like to engage with.*
- *We will help you to connect with them.*

Composting Toilets

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*- The next-generation toilet -
[click here to compare with a WC](#)*

‘Based on 45 years of experience’

Referenser



Based on 45 years experience





Downloads

[ECOLOO Brochure](#)

Related Links

[Applications](#)

[F A Q](#)

[Sanitation Issues](#)

[Water Issues](#)

High Capacity Eco-Toilet Facility (For Indoor & Outdoor Purposes)

- Permanent, Odor-Free & Long-Term Toilets for Rural Areas to service the needs of the Underprivileged!
- **Probably the only solution for the 2.6 billion people who have NO toilets! (40%) of the World's population!**
- In a Long-Term Facility, feces with its pathogens and medical residue are isolated for more than 30 years. By never entering the Environment, pollution therefore is prevented.
- Read about the different **Applications here!**



- Quick to dispatch.
 - Easy to assemble.
 - Huge capacity.
 - No Sewage.
 - Odor and bacteria free.
 - Saves the water used for flushing toilets.
- Yields the brunt of the plant nutrients in our excrement as a clean, safe-to-use fertilizer for agriculture.
 - Cuts 90% of the cost of waste handling: TRANSPORTATION.
 - Energy (and CO2) saving through reduction of water and transports and reduction of further production of

Do you know ?

While you can go almost a month without food, your body can't survive a week without water.

[Read more](#)



Single-use, self-sanitizing toilet

Start Thinking Peepoo

Self-Sanitisation

From Waste to Value

Products

Peepoo Specification



Today, more than 2.6 billion people lack access to basic sanitation. At this moment, 40% of the world's population lack access to even the simplest latrine.

Peepoo is a personal, single-use, self-sanitising, fully biodegradable toilet that prevents faeces from contaminating the immediate area as well as the surrounding ecosystem. After use, Peepoo turns into valuable fertiliser that can improve livelihoods and increase food security.

The World's Biggest Problem

Show

Peepople in Urban Slums



Read about Humanitarian Response



About Us



WHAT IS SOLVATTEN?

THE ISSUE

HOW DOES IT WORK?

WATER AND HYGIENE

ADDED VALUE

FAQ

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LATEST NEWS

[Practical, durable, proven.](#)

July 2, 2015

[Practical. Durable. Proven](#)

June 26, 2015

[New partnerships](#)

June 23, 2015

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What is SOLVATTEN?

SOLVATTEN is a combined portable water treatment and solar water heater system that has been designed for use at the household level in the developing world. The product is unique and practical for a number of reasons, namely that it is able to produce both safe *and* warm water for its user, whilst most water treatment products designed for use in the developing world do not fulfil families' warm water needs. SOLVATTEN belongs to a small group of water purification devices that are capable of achieving the 'highly protective' status, and with over 120 000 units distributed worldwide. **SOLVATTEN is saving lives on a daily basis**



Welcome to Purac



Purac is a world leader in contracting for the treatment of wastewater, process water and drinking water, as well as innovative treatment of biological waste.. To date, this concept has earned us more than 4,000 contracting assignments in 70 countries.

PRODUCTS

Early Warning System, Aquatrack™

Water borne pathogens are our concern

Aquatrack™ :

Next generation of real time modular based monitoring and sampling system for immediate detection of contamination in water. The system is equipped with a powerful software to track the fingerprinting online and immediate alarms the deviation. The system is very flexible and can be customized. Patent pending.



AQS

hygienic automatic water sampler. Aqua-Q provides customized solution for sampling of water. Sampling of water is important for proper biological and chemical analyse. The water sample has to be collected in a hygienic condition so that secondary contamination can be avoided. The water sample has to be kept and transported in a cold chamber.



Multireader HACCP & Water Easy test:

Aqua-Q provides a quick analysing kit for detection of dead and alive cells. This is a fully automated quantitative (cfu/100 ml) analysing testing kit, easy to use and gives quick result to viable cells. First result after 3 hours. Validated according to ISO 16140:2003. Can analyse the following:

- Total viable count
- Coliforms and E. coli
- Enterobacteriaceae
- Staphylococcus aureus
- Pseudomonas aeruginosa
- Salmonella spp.
- Listeria spp.
- Enterococcus faecalis



Real-time water quality monitoring and sampling

WIN – Water Innovation Accelerator

Creating Water Winners

WIN background

- Started in January 2012
- Mission; to bring new water products to the market
- Project at Ideon Open
- Water is an urgent area in rapid change
- The water market faces special challenges
- Area of interest to investors

WIN today

- 23 partners
- 26 innovation companies
- Support from "Tillväxtverket"
- International collaborations, e.g. with TAG and WssTP
- WIN Nordic – collaboration with Norway and Finland

Providing coaching, assistance with financing and market development for water-related innovations



Experts in
wastewater
management:

- *greywater solutions*
- *constructed wetlands*
- *stormwater systems*
- *planning*



✓ Vi är experter på spillvatten, dagvatten, naturvatten och lakvatten.



THE CASE OF HANOI TOWARDS 2030

SIDA PARTNER DRIVEN COOPERATION PROJECT 2011-2013

The overall project focus is on improved use of organic matter and nutrient resources, in order to provide for food security and decrease the negative environmental impacts of the growing Hanoi City. By involving students in a number of studies related to sustainable city development, the status of sanitation and related issues will improve at the training institutions. In particular, the project aims at strengthening the partners' capacity to collaborate with various authorities and consultants involved in sanitation related issues within the rapidly changing Hanoi City. An important part of this focus is to develop a decision support tool based on material flow analysis (MFA) intended for improved planning and implementation of the 'Hanoi 2030' master plan process during the next 20 years.



Interview with farmers



Project workshop

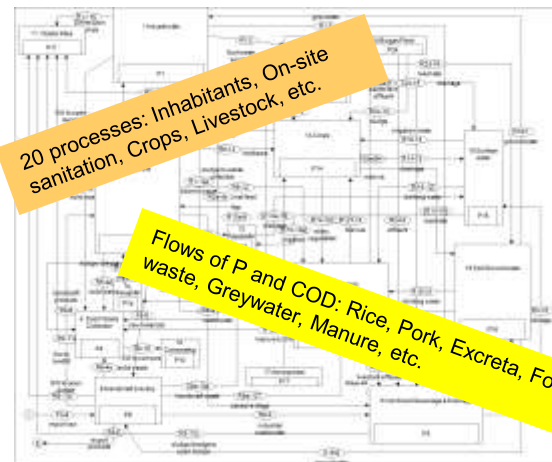


Wastewater canal

Material Flow Analysis

Phosphorus because it is a crucial plant nutrient with limited availability in concentrated form. Further increases in price are likely.

Organic matter (as COD, Chemical Oxygen Demand) as an indicator of energy content in organic waste e.g. for biogas production.

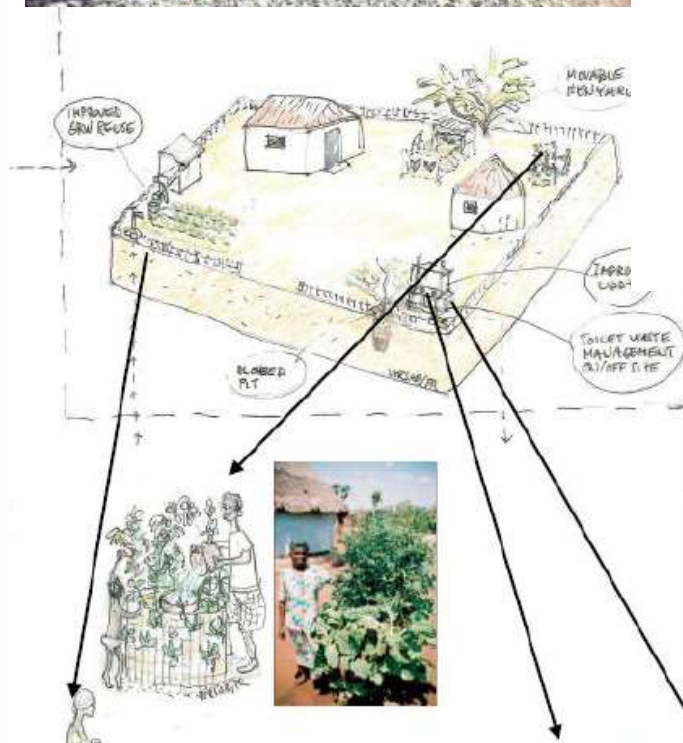


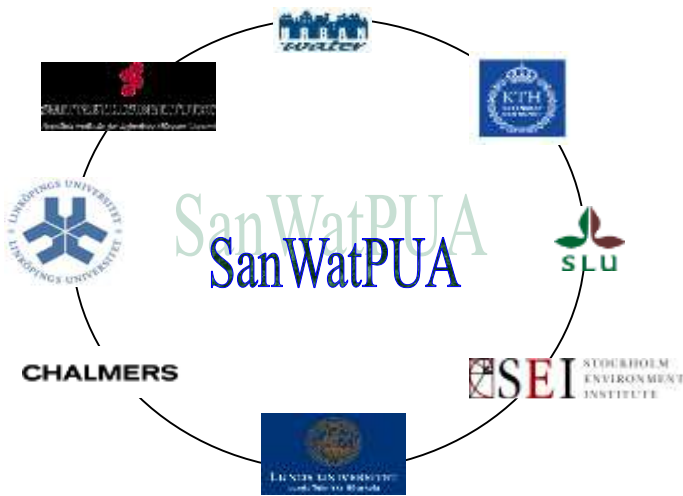
Strategic Development for Sustainable Sanitation and Wastewater Management in Botswana



Joint Sweden-Botswana project to develop more sustainable sanitation and wastewater management systems in Botswana.

- Strategic planning process;
- Capacity development of the Water Utilities Corporation, the Local Authorities and partner organizations.





Sanitation and Water supply in Peri-Urban Areas in developing countries

This network focuses on the synthesis and the communication of scientific knowledge about the provision of sanitation and water to peri-urban areas in developing cities. The network applies methods and tools to synthesise knowledge (seminars and publications) that are instrumental for practitioners in the planning and problem-solving of real-life situations.

The network is sponsored by the Swedish International Development Agency (Sida).

Biosolids Reuse in Bangladesh



- Evaluate microbial and nutritional status of seven climatic zones
- Find out best mixture for fertilisers
- Follow-up of the on-going field trial with vegetables and rice
- Business strategy contribution
- Review of legislation and policy of organic fertiliser in Bangladesh
- Documentation on the twin-pit biosolids research



Inclusive Business Sweden and SP



Inclusive Business Co-creation Accelerator

By 2020, Swedish business is playing a leading role in meeting the global challenges of poverty – enhancing agricultural productivity, enabling access to energy, water, sanitation, healthcare and communications, improving environmental sustainability, and creating employment both at home and abroad. This is all being done profitably.

Acceleration



Co-creating inclusive business models for mutual benefit



2015 - 6 sector-based alliances and building the ecosystem

2016 - enabling co-creation between Swedish and international actors

2017 - building and scaling initiatives