

# About Decentralized Wastewater Treatment Systems & Proper Sanitation

For human dignity and urban environmental protection  
 "Thinking Long Term - Acting Now"

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 A BORDA BNS Network Publication

The *dewats* Newsletter, published bi-monthly by BORDA in Bremen, constitutes a compilation of links to articles about dewats and sanitation from the BNS Network partners, posted on BORDA homepages from Southeast-Asia, South-Asia, Africa and Germany. The articles reflect actual aspects of current programme work.

The **BORDA BNS Network** is an international forum of organizations and institutions working to strengthen the dissemination of decentralized Basic Needs Services (BNS). It consists of organizations and institutions working together as partners with the Bremen Overseas Research and Development Association (BORDA) in development programmes in Africa and Asia. Their shared mission is to improve the livelihoods of disadvantaged groups within societies and to sustain the functioning of ecosystems by dissemination of demand oriented Basic Needs Services in the fields of decentralized wastewater treatment, sanitation, water and energy supply as well as solid waste management.

## Editorial

### How the BNS Network Promotes the International Year of Sanitation

By Gert Kreutzer, BORDA Germany



*February 14<sup>th</sup>, 2008.* How does the BNS Network promote the International Year of Sanitation (IYS)? To frame an answer, I would like to go through the following questions: Why is there need for IYS? BORDA BNS Network – what is it? How does it promote the IYS or what does the Network do to solve problems efficiently? - What distinguishes its solutions (*dewats*/CBS)? How can we transmit our conviction to target groups, the public, the expert community and decision makers, that *dewats* enable us to close at least 50% of the sanitation gap? Below, I will attempt to provide a clear and brief answer.

The United Nations General Assembly decided to declare 2008 the International Year of Sanitation. **The problem in short:** Today 2.6 billion people in the world have no access to proper sanitation latrines or any sort of basic sanitation with respect to hygienically, socially and ecologically sound treatment of solid and liquid waste. 2,600,000,000 people - nearly each 3rd of us! What is a well-known fact in the expert community and what the UN General Assembly clearly recognised is the impact of sanitation on public health, poverty reduction, economic and social development, and the environment. They further recognised that, despite significant efforts by governments within the framework of the MDG's, progress on sanitation targets has been slow and uneven. As one of the results, millions suffer from a wide range of preventable illnesses, such as diarrhoea, which claim 5000 lives each day, primarily young children. ...

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## Germany

[www.borda-net.org](http://www.borda-net.org) **BORDA Head Office | Bremen** Bremen Overseas Research and Development Association 



### Members of the German Parliament Discuss Basic Sanitation Coverage

What are the options and approaches to tackle the global sanitation crisis? In response to the UN International Year of Sanitation, members of the German parliament from all parties discussed this question in a round table discussion that took place in the offices of the Bremen state representation in Berlin ...

By Stefan Reuter (BORDA Bremen), March 6<sup>th</sup> 2008

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### How the BNS Network Promotes the International Year of Sanitation

See Editorial

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### Integrated Experts Support BORDA Co-operation Partners in Asia and Africa

In order to scale up basic sanitation services and decentralized waste water treatment in Asia and Africa, a strategic partnership has been established between BORDA and the Centre for International Migration (CIM). As a result, integrated long-term experts have been sent to support the management ...

By Gert Kreutzer (BORDA Bremen), January 21st 2008

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## SADC Region Southern African Development Community Lesotho

[www.borda-sadc.org](http://www.borda-sadc.org)

**TED-BORDA Project Coordination Office | Maseru | Lesotho**  
Technology for Economic Development (TED)



### Sanitation News from WASAZA - BORDA Cooperation in Zambia

There were many ladders to climb and hurdles to take for the 23 participants of a workshop, aiming to make a change in sanitation. Target of the workshop was to show a way of treating wastewater and sewage in low income settlement areas. ...

By Jonathan Phiri (WASAZA) & Christopher Kellner (BORDA)

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### Africa Challenges DEWATS - CBS

DEWATS-CBS has been developed and getting mainstreamed by BORDA network in Asia. It is now the task to introduce DEWATS-CBS to Africa, to adapt technology and social approaches and to build-up an efficient implementation BORDA-SADC network. This task is challenged by following conditions: ...

By Andreas Schmidt, February 5<sup>th</sup> 2008

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### DEWATS – CBS Gaining Ground in Southern Africa

The DEWATS- CBS project in Southern African Development Countries (SADC) took-off through the cooperation with TED (Technology for Economic Development) in Lesotho beginning of 2007 after a six months warm-up phase. It will be the task of the new cooperation office are a) to support TED's efforts ...

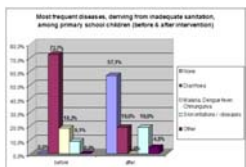
By Andreas Schmidt, February 4<sup>th</sup> 2008<sup>th</sup>

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## South East Asia Region Indonesia

[www.borda-sea.org](http://www.borda-sea.org)

**BORDA South East Asia Programme Office | Yogyakarta | Indonesia**  
Bremen Overseas Research and Development Association



### Health Impact Assessment (HIA) - Indicating Project's Achievement

Last November, the HIA-Workgroup, consisting of staff from BORDA Indonesia and its partners LPTP, BEST Surabaya, BEST Tangerang and Bali Fokus began developing a tool to assess the impact of CBS-DEWATS on health indicators. There is a general consensus that sanitation is an essential basic need and studies show ...

By Melanie Ogunyena, February 18<sup>th</sup> 2008

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### Evaluation and Planning (EVAPLAN 2008)

In January 2008, BORDA Indonesia held the EVAPLAN meeting during which we evaluated the past 3 years and planned for the next 3 years of cooperation. The meeting brought together technical, social and managerial staff from BORDA Indonesia, LPTP, BEST, Balifokus and 3 CIM experts working for partner organisations. ...

By BORDA Indonesia, January 29<sup>th</sup> 2008

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### Monitoring and Research-Programme for DEWATS-Plants has been Started

Beginning September year the work of the R&D-Department of BORDA-Indonesia has entered the first phase of a new monitoring-program of DEWATS-plants around Yogyakarta. Although the DEWATS-plants implemented by BORDA are known to be effective in reducing the impact of waste water on the environment, ...

By Nicolas Reynaud (Research & Development), December 11<sup>th</sup> 2007

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## Philippines

**BNS | Quezon City | Philippines**  
Basic Needs Services Philippines Inc.



### Manjuyod Public Market

Manjuyod is a municipality that the Philippines are very proud of. As part of Manjuyod's development program, Mr. Lance Arboleda (Engineer) and Vice Governor Jose Baldado, decided to make Manjuyod clean and safe by building a wastewater treatment system for the Manjuyod public market. ...

By BNS Philippines, February 4<sup>th</sup> 2008

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## South Asia Region

### India

[www.borda-sa.org](http://www.borda-sa.org)

#### BORDA South Asia Programme Office | Bangalore | India

Bremen Overseas Research and Development Association



#### Participation in the 8th Specialised Conference on "Small Water and Wastewater Systems"

Every two years, International Water Association (IWA) organizes a conference on Small Water and Wastewater Systems (SWWS) to bring together researchers, scientists and professionals working in the field of small and decentralized systems around the world. The Conference organised by the International Water Association, ...

By Susmita Sinha, February 20<sup>th</sup> 2008

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#### New Partners in SEA Region Introduced to CBS-DEWATS

An introductory training was held from January 22nd to 25th, 2008 at Yogyakarta, Indonesia. The aim of the Training Program was to introduce BORDA's perspective on community-based sanitation and decentralized wastewater treatment systems to new partner organizations in the South East Asian region. ...

By Susmita Sinha, February 20<sup>th</sup> 2008

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#### CDD | Bangalore | India

Consortium for Dissemination of DEWATS



#### Taking a Look at the Regular Work of CDD – Field Visit to Friends of Camphill

One reason to go to Friends of Camphill (FOC) was to check on the problem reported with the Planted Gravel Filter (PGF); the other one was to deliver some gifts to FOC as a token of appreciation for their willingness to showcase their unit to visitors. This time both reasons could be combined and a team from CDD went there. ...

By Helga Weber, February 20<sup>th</sup> 2008

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#### BORDA-CDD at Municipalika 2008

The 5th International Exhibition on Municipal Services, Urban Development and Public Works, "Municipalika 2008, Making Cities Work", was held in Mumbai in February. CDD Network (members from Indian Institute of Youth Welfare and Ladakh Ecological Development Group along with CDD Office), took part in the exhibition. ...

By Susmita Sinha, February 20<sup>th</sup> 2008

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#### CDD-India Annual Review and Planning Meeting, with some Surprises

During 7th to 11th January, 2008, the BORDA-India CBS Partner Network Review and Planning Meeting was held in Bangalore. The Meeting was designed to review the results of the network in the year 2007, reposition the strategy for the last year of, as well as, to pool ideas to frame Phase III of the Program 09-11...

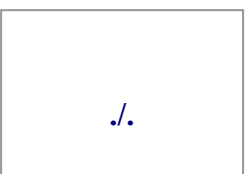
By Helga Weber, February 5<sup>th</sup> 2008

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#### FEDINA | Bangalore | India

Foundation for Educational Innovations in Asia

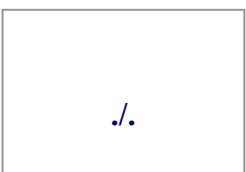


#### Strengthening Local Governance

Millions rose to throw away the yoke of colonial rule and in the process built up a dream of self rule which would give them not just food, clothing and shelter but dignity in all its dimensions. Implicit in this struggle was the intent of the people to take power into their hands and administer it in the interest of all who ...

By FEDINA, February 20<sup>th</sup> 2008

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#### 'Action' Speaks for Solid Waste Clearance

Thirty years ago 'Development' evicted and rehabilitated the 'illegal' residents of J C Road and K R market to Koramangala in 3 slums named Ambedkarnagar, L R Nagar and Rajendranagar. Later on, faster 'development', further eviction and rehabilitation from different parts of the city resulted in the number of families ...

By FEDINA, February 5<sup>th</sup> 2008

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## India cont.



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### e-Disha Newsletter bi-monthly published by CDD

The Indian Consortium for Dissemination of *dewats* (CDD) publish the electronic newsletter on *dewats* Information for Sustainable Habitation "e-Disha" bi-monthly.

It is CDD's endeavour to promote *dewats* and sustainable habitation by providing a deeper understanding of the scope of *dewats* and strategies for basic need services.

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