

## About Decentralized Wastewater Treatment Solutions & Proper Sanitation

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

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A BORDA BNS Network Publication

partner of  
**sustainable  
sanitation  
alliance**

The **DEWATS Newsletter**, published quarterly 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.

### The DEWATS Service Packages -

#### Developed and disseminated by BORDA & the BORDA BNS Network:

A new collection of brochures on the different DEWATS Service Packages will be published soon to give detailed information about the concepts of BORDA's Decentralized Wastewater Treatment Solutions. DEWATS as one of BORDA's Basic Needs Service is an effective, efficient, affordable and proven wastewater treatment solution for (sub-) tropical regions and low-income countries. And DEWATS is much more than just a technical approach. The DEWATS Service Packages include not simply the construction of hardware but a whole set of integrated measures which are combined according to demand.

The following DEWATS Service Packages will be described in the brochures:

- School Based Sanitation
- Community Based Sanitation
- Emergency Sanitation
- Sanitation for Hospitals & Hotels
- Sanitation for Agro-Industry
- Sanitation for Prisons
- Real Estate Sanitation
- Sludge Treatment Plant
- Health Impact Assessment & Hygiene Education
- Sanitation Mapping
- Capacity Development

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## Germany

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

### BORDA Head Office | Bremen

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#### DEWATS Service Packages - developed and disseminated by BORDA & BORDA BNS Network

A new collection of brochures on the different DEWATS Service Packages will be published soon to give detailed information about the concepts of BORDA's Decentralized Wastewater Treatment Solutions. The DEWATS Service Packages include not simply the construction of hardware but a whole set of ...

By Gert Kreutzer (BORDA Germany), March 9, 2009

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#### Status Report on Water and Sanitation by the United Nations

On their 13th meeting in 2005 the CSD (Commission on Sustainable Development), which was set in by the United Nations, constituted 72 policy actions. They were targeting the areas of water supply, integrated water-resource management and basic sanitation. "The implementation of the policy actions lags behind"...

By Tim Cordsen (BORDA Germany), February 12, 2009

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#### In German Parliament Discussion: „BORDA Does an Outstanding Job“

On Friday the 5th of December 2008 the German parliament held a debate on basic sanitation. This discussion took place because of a huge request by the party "Bündnis 90/Die Grünen". In the course of the debate BORDA was mentioned positively by the member of parliament, Mrs Gabriele Groneberg (SPD). ...

By Tim Cordsen (BORDA Germany), January 14, 2009

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## Germany cont.

[www.borda-net.org](http://www.borda-net.org)**BORDA Head Office | Bremen**  
Bremen Overseas Research and Development Association**Basic Sanitation for Schools in Asia and Africa- for Health, Safety and Human Dignity**

The now starting fund raising campaign "school shall not sicken children" by BORDA is targeting the improvement of hygiene, safety and dignity for school children and young adults in Asia and Africa. The dangers that are caused by inadequate sanitation facilities in schools like the high risk of infection ...

By Gert Kreutzer (BORDA Germany), December 18, 2008

[Read article](#)**Donations from Bremen achieved their aim: Sanitation facilities for a disabled-home in Lesotho**

Two projects that were supported by the „BORDA helps 2007/2008“ fund raising campaign are thanks to the willingness to donate of the Bremen citizen and the East-Asian Society Bremen (OAV), which donated 18000 Euro, near completion. The sanitation facilities in Lesotho will be ready for operation in January. ...

By Gert Kreutzer (BORDA Germany), December 18, 2008

[Read article](#)**World Toilet Day 2008 in Berlin - Policy Document with Demands to the German Government**

On the occasion of the "world toilet day" a special rally took place on November 19, 2008 right in front of Berlin's new central station. 50 toilets arranged towards the chancellery provided the unusual seating for this event. Background of this rally was the fact that the UN declared 2008 the International Year of Sanitation. ...

By Tim Cordsen (BORDA Germany), December 8, 2009

[Read article](#)**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)**Biogas - DEWATS Research on plant performance**

In co-operation with the Department of Water and Sanitation in Developing Countries at the Swiss Federal Institute for Environmental Science and Technology, Switzerland, TED-BORDA, is conducting a research on the Biogas DEWATS plants in Maseru. The objective of this study is to get more information ...

By Christian Mueller (SANDEC), January 15, 2009

[Read article](#)**Progress at St. Angela**

Tons of soil had been dug out within a few days at the St. Angela Cheshire Home. Through the cooperation between BORDA and a local building company, and their use of an excavator, a lot of time was saved. If the workers would have had to dig out the pit by hand it would have taken 2 weeks of hard work. ...

By Martina Mueller (BORDA Lesotho / Weltwaerts), December 16, 2008

[Read article](#)**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[www.cbtech-lptp.org](http://www.cbtech-lptp.org)**LPTP CBTECH | Yogyakarta | Indonesia**  
Lembaga Pengembangan Teknologi Pedesaan**Evaluating the Advantage of SANIMAS in 2005-2007 by AKSANSI**

AKSANSI is the association of Community Based Organization (KSM) with members from the CBS-SANIMAS program in all of Indonesia. For Central Java and Yogyakarta Special Province (DIY), KSM's program has been facilitated by DEWATS-LPTP. The programs for Central Java and DIY were started in 2005 ...

By LPTP CBTECH, February 6, 2009

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## P.R. China



[www.zjut.edu.cn](http://www.zjut.edu.cn)

**ZUT | Hangzhou | P.R. China**  
Zhejiang University of Technology



### 2008 China International Sustainable Economy Industrialization Expo (Hangzhou)

With "creating international cooperation opportunity for sustainable economy industrialization" as the subject, the expo included a sustainable economy forum, sustainable economy technical equipment exhibition, information publishing conference, energy conservation invention competition and other activities. ...

By ZUT, November 21, 2008

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## Cambodia

[www.comped-cam.org](http://www.comped-cam.org)

**COMPED | Phnom Penh | Cambodia**  
Cambodian Education and Waste Management Organization



### Assessing DEWATS Potential in Kampong Speu Province

In February 2009, Unicef facilitated a visit for the BORDA-COMPED cooperation project to meet with stakeholders and assess possibilities for DEWATS projects in Kampong Speu province, which is about 40km from Phnom Penh. Unicef is active in six provinces working on programs including water and sanitation (WatSan). ...

By Alex Campbell (BORDA South East Asia), March 2, 2009

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### DEWATS 'Kick-Off' Seminar in Phnom Penh

The aim of the seminar held November 2008 was to inform key stakeholders from Cambodian public, private and NGO sectors of: (1) The current wastewater treatment situation in Cambodia, (2) the scope of DEWATS applications and technical options and (3) services provided by the BORDA-COMPED Cooperation Project. ...

By Alex Campbell (BORDA South East Asia), December 15, 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



### The start of Phase III of BORDA's BMZ supported programme in South Asia

BORDA has been working in South Asia for the last 30 years. 2009 sees the beginning of a new phase of activities supported by BMZ for poverty reduction and sustainable protection of natural resources in South Asia. This programme targets poor inhabitants of densely populated urban and peri-urban areas ...

By BORDA Office Bangalore, January 16, 2009

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**CDD Society | Bangalore & Nagpur | India**  
Consortium for Dissemination of DEWATS



### Monitoring of Wastewater: CBS-DEWATS Unit at Mahajan Nagar, Nagpur

The Mahajan Nagar CBS-DEWATS was constructed in two phases, Phase I consisting of PTP (Preliminary Treatment Plant of capacity 540 m3/day) and Phase II consisting of DEWATS of capacity 40 m3/day, comprising a baffle reactor, planted gravel filter and collection tank. The quantity of wastewater ....

By Anwaar Ashraf (CDD-Regional Co-operation Office, Nagpur), March 9, 2009

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### Monitoring of Wastewater: CBS-DEWATS Unit at Isolation Hospital, Kolhapur

The DEWATS unit at Isolation Hospital Staff Quarter, Kolhapur was commissioned in 2006. In December 2008, the Project Engineer of the CDD Society, Office Nagpur, conducted wastewater monitoring at the DEWATS unit as it was time to define the quality and characteristics of the effluent. ...

By Anwaar Ashraf (CDD-Regional Co-operation Office, Nagpur), February 17, 2009

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### Impressions of an Exposure and Dialogue Programme (EDP) in Ullalu Upanagara

A few months ago, a team from Germany visited various villages and areas of socio-economically weaker sections in India. The object was to obtain a first hand impression of the sanitation situation and to learn of the experience of poor families in adopting new sanitation technologies ...

By Susmita Sinha (CDD Society, Bangalore), February 16, 2009

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## India cont.

**CDD Society | Bangalore & Nagpur | India**

Consortium for Dissemination of DEWATS

**SACOSAN II: A great event in International Year of Sanitation**

The South Asian Conference on Sanitation (SACOSAN) was held in New Delhi in November 2008. The Conference was inaugurated by Honorable Prime Minister of India, Dr. Manmohan Singh, in the presence of Ministers and senior officers connected to sanitation from South Asian countries and the States of India. ...

By Mahesh V. R. (CDD Society, Bangalore), December 7, 2008

[Read article](#)**Performance Efficiency Monitoring of 5 DEWATS units**

It is important to carry out wastewater monitoring regularly to check whether treatment units are functioning and performing as per design and required standards. The monitoring was conducted from November 7th to 18th, 2008 at the 5 selected sites (SME, residential institution, hospital, training institution and hotel). ...

By Rohini J. (CDD Society, Bangalore), December 7, 2008

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[www.exnorainternational.org](http://www.exnorainternational.org)

**EXNORA International | Chennai | India**

Excellent Novel and Radical Ideas

**Bangladesh team learns from Trichy sanitation models**

Networking with partners in the field of Sanitation and regular follow ups lead to the most desirable results. This was proved by the decision of the Water and Sanitation Programme (WSP) of the World Bank Bangladesh to arrange for a study tour of the excellent sanitation facilities provided in Trichy City and Musiri in Tamil Nadu. ...

By V. Ganapathy (ExNoRa International) January 16, 2009

[Read article](#)**Tsunami Remembrance Day and Coastal Sanitation Challenges**

Commemoration of the fourth anniversary of the tsunami tragedy in the coastal areas of Tamil Nadu on December 26, 2008, was a very solemn affair. On that day, in scores of coastal villages, fishermen offered prayers and homage to the victims numbering over 6,000 who were killed by the killer tsunami waves. ...

By V. Ganapathy (ExNoRa International), January 1, 2008

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[www.iiw-india.org](http://www.iiw-india.org)

**IYW | Nagpur | India**

Indian Institute of Youth Welfare

**State Consultation Meeting on "Sustainable Sanitation Solutions"**

CDD, BORDA and IYW in collaboration with the Water Supply and Sanitation Department, Government of Maharashtra and Kolhapur Municipal Corporation, organized a State Consultation Meeting. The purpose was to facilitate consultation among major stakeholders to deliberate on sustainable sanitation solutions. ...

By Bindu Bubber (IYW), February 16, 2009

[Read article](#)**Capacity Building of CBO Members**

In December 2008, a training programme on "Group Entrepreneurship and Marketing Strategies" for Community Based Organisations (CBO) members at Rajendra Nagar, Kolhapur, was conducted by IYW. The session included topics related to certification, registration of products, mobilizing funds ...

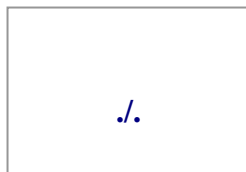
By Bindu Bubber (IYW), January 16, 2009

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[www.rlhpmysore.org](http://www.rlhpmysore.org)

**RLHP | Mysore | India**

Rural Health &amp; Literacy Programme

**DEWATS workshop for Hunsur Municipality Councillors**

In response to the request from the Hunsur Municipality Councillors, RLHP conducted a one day DEWATS dissemination workshop in Hunsur on 26 November 2008. About 60 councillors including engineers, the President, Secretary of Hunsur Municipality, Shri Manjunath MLA and others participated in the workshop. ...

By Dr. G. William (RLHP), January 16, 2009

[Read article](#)**Dissemination workshop in Mysore**

With the object of disseminating and advocating a decentralized approach to sanitation solutions as a viable option, a District-level Workshop was conducted on 19th November, 2008 at Zilla Panchayat hall, Mysore. The participants included the Mysore Zilla Panchayat President, Chief Secretary, key officials and engineers ...

By Dr. G. William (RLHP), December 7, 2008

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## India cont.



Electronic Newsletter on DEWATS Information for Sustainable Sanitation  
(For Private Circulation Only)

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

The Indian Consortium for DEWATS Dissemination Society (CDD) publishes the electronic newsletter "e-Disha" on *DEWATS* Information for Sustainable Habitation 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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