

# DEWATS Newsletter

## 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

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.

### 3<sup>rd</sup> "BORDA helps!" fund raising campaign

#### "BORDA helps!" asked for donations during a charity gala with Gospel-music and hot wine punch



For the third time since 2007 BORDA asked citizens from Bremen for support of their fund-raising campaign "BORDA helps!" - BORDA helps! - School should not make sick.

For the first time BORDA invited guests for a charity gala in the "Stadtwaage", an ancient building from the Middle Ages, in the Free Hanseatic City of Bremen. The musical setting was arranged impressively by Ady & the Zion Community Choir who performed atmospheric and captivating gospel songs.

By showing pictures of African and Asian schools BORDA assistants explained the local disastrous sanitary circumstances and how donations to "BORDA helps" provided clean toilets and thus more hygiene and safety for schools and children. It furthermore helped to create a learning environment with dignity.

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## Germany

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

### BORDA Head Office | Bremen

Bremen Overseas Research and Development Association



#### BORDA hilft! asked for donations during a charity gala with Gospelmusic and hot wine punch

For the third time since 2007 BORDA asked citizens from Bremen for support of their fund-raising campaign "BORDA hilft! - Schule darf nicht krank machen" (BORDA helps! - School should not make sick). For this concern BORDA invited to a small scale charity gala in the Stadtwaage Bremen on Tuesday, December 1, 2009.

By Gert Kreutzer, (BORDA Germany), December 03, 2009

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#### Expert Conference in Surabaya, Indonesia on 23-25 March 2010

BORDA and their partner organisation IWA will be organizing a conference and exhibition on Decentralised Wastewater Treatment Solutions in Developing Countries in Surabaya, Indonesia on 23-25 March 2010. This conference is targeted mainly at practitioners in the field of sanitation and health, ...

By Sven Meyer, BORDA Germany, December 03, 2009

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#### 5th BORDA BNS Partner Meeting

BORDA partner from Africa and Asia met for the 5th BNS Partner Meeting in Livingstone, Zambia from October 12th to 14th 2009. This years' conference was hosted by BORDA Partner WASAZA, the Water and Sanitation Association of Zambia. ...

By Gert Kreutzer (BORDA Germany), November 09, 2009

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## **SADC Region** Southern African Development Community Lesotho

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

**BORDA SADC Programme Office | Dar es Salam | Tanzania**  
Technology for Economic Development (TED)



[www.zambia-water.org.zm](http://www.zambia-water.org.zm)

**WASAZA | Lusaka | Zambia**  
Water and Sanitation Association of Zambia



### Training on construction of DEWATS in Zambia

WASAZA and its partner BORDA in conjunction with Four Commercial Utilities (CUs) (Kafubu, Mulonga, SWSC and NWSC) conducted a training of about thirty participants from CUs and their respective communities, on how to construct DEWATS and get a useful gas as a by-product which we are calling Biogas. ...

By Mulenga Kabwe & Christopher Kellner (WASAZA), November 10, 2009

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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



### Connecting global actions against climate change

The global warming as a result from the man-made climate change is affecting people worldwide. The lack of a sufficient management of solid waste in Indonesia is affecting the local communities and quality of the environment. But are these issues related? ...

By Maren Heuvels (Weltwaerts BORDA Indonesia), December 09, 2009

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### A Study on the Use of Participatory Methods CBS Implementation

Acceptance and adequate use of water and sanitation (WATSAN) technologies is still a chimera, with one billion people using unimproved water supply sources and 2.5 billion who do not benefit from adequate sanitation. Public participation in WATSAN planning and pre-implementation phases has become an increasingly important

By Elisa Roma, Centre for Water Science, Cranfield University, UK, December 02, 2009

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## *Philippines*

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



### Weltwaerts Volunteer in BNS Philippines

Within the German Weltwaerts program, Bianca Otter is the first volunteer of the BORDA partner Basic Needs Services (BNS) based in the Philippines. Ms. Otter is a graduated environmental engineer with a major in decentralized wastewater treatment systems. ...

By Bianca Otter (BNS Philippines), December 09, 2009

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## Cambodia

### COMPED | Phnom Penh | Cambodia

Cambodian Education and Waste Management Organization



#### Cambodia's First DEWATS

Since the end of September, 2009, construction of Cambodia's first DEWATS has been underway. The DEWATS project is part of a larger wastewater management project for the town of Trapeang Sab in Takeo Province, funded and implemented by GRET (French NGO) and a combination of commune, ....

By Alex Campbell (BORDA Cambodia), December 09, 2009

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#### School Based Sanitation (SBS) in Cambodia

On the 17th of June, 2009, the BORDA – COMPED cooperation project and the Center for Development (CfD) began a School Based Sanitation (SBS) pilot project at Chroy Chong Va Primary School in Phnom Penh. This project is innovative because it is an integrated intervention approach ...

By Long Muoyhun & Alex Campbell (COMPED / BORDA Cambodia), October 06, 2009

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#### BORDA-COMPED Research into Social Organisations & DEWATS Demand in 2009

Since the BORDA-COMPED Cooperation Project started in mid 2008, the project has aimed to document the wastewater situation in Cambodia and to estimate the demand for DEWATS solutions.

For the 3rd quarter of 2009 BORDA-COMPED developed an action plan to achieve the following objectives:....

By Alex Campbell (BORDA Cambodia), October 05, 2009

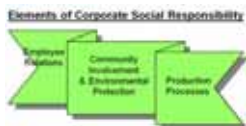
[Read article](#)

## P.R. China

[www.yedi.org.cn](http://www.yedi.org.cn)

### YEDI | Kunming, Yunnana | P.R. China

Yunnan Environment Development Institute



#### Corporate Social Responsibility in South East Asia

Corporate Social Responsibility (CSR) has become a popular term among the business world, media and governments worldwide during the past 20 years. It seemed to be a widely incorporated and well-working concept, but only until the financial crisis hit last year. ...

By Julia Hoffman (Weltwaerts – YEDI), December 09, 2009

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

### ZUT | Hangzhou | P.R. China

Zhejiang University of Technology



#### First Stakeholder Meeting on Gold Standard Biogas CDM Program in Haiyan

The first stakeholder meeting on the Biogas CDM Gold Standard Project for small-medium pig farms in Zhejiang Province was held on 17th November in the Haiyan County as part of the requirements for the CDM Gold Standard approval. The main purpose of the meeting was to understand the ideas and opinions ...

By Yingde (BORDA ZUT), November 19, 2009

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#### Weltwaerts 2009 Volunteer in BORDA-ZUT

Kolja Wieling, a German Weltwaerts volunteer, is sent by BORDA to have the internship in the BORDA-ZUT Project Office from October 2009 to September 2010. During his work in the BORDA-ZUT Project Office, Kolja's task is to jointly work for the biogas pCDM project for small-scale pig farms in Zhejiang Province, ...

By Ying De (BORDA ZUT), November 11, 2009

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## South Asia Region

### India

#### CDD Society | Bangalore, Chennai & Nagpur | India

Consortium for Dissemination of DEWATS



#### Wastewater Monitoring of DEWATS units

Wastewater (DEWATS) monitoring is a process of checking and reporting the performance of DEWATS system. It includes regular collection of data on the system through wastewater analysis and background information of the unit. ...

By Rohini J (CDD Society), December 10, 2009

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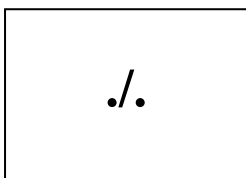


#### CDD Annual Review and Planning Meeting 2009

The Consortium for DEWATS Dissemination (CDD) Society completed the first annual review meeting (2009) of the Phase III of BMZ Project titled – "Poverty Reduction and Sustainable Protection of Natural Resources in South Asia". The Meeting was held from 25th to 28th November, 2009 at Bangalore...

By Nivedita Mani (CDD Society), December 10, 2009

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#### CDD Society's Annual Report 2008

BORDA South Asia's main Partner - Consortium for DEWATS Dissemination Society presents its Annual Report 2008. The report provides an overview of various activities undertaken by the CDD Society during 2008. ...

By CDD Bangalore, November 24, 2009

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#### Exploring Citywide DBNS planning methodology for a Small Town

Citywide DBNS planning has been carried out in India so far for larger cities like Pune (4 million inhabitants) and Kolhapur (0.5 million inhabitants). The methodology is now being adopted for the small town of Tranquebar (Tharangampadi) in Tamil Nadu with about 7,000 inhabitants....

Frieda Prochaska and Rahul Sachdeva (CDD Society, Bangalore), November 09, 2009

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#### Citywide DBNS Plan for Kolhapur

CDD Society made a presentation on the City Wide - Decentralised Basic Need Services (DBNS) Plan prepared for Kolhapur City to Mr. Vijay Singhal, Hon. Municipal Commissioner, Kolhapur Municipal Corporation on September 14, 2009 at Kolhapur. ...

By Rahul Sachdeva (CDD- Regional Co-operation Office, Nagpur), August 8, 2009

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#### Aravind Eye Hospital - shows the way

CDD RCO Chennai officers recently visited Aravind Eye Hospital, Pondicherry, to observe the working principles and modules of the DEWATS plant established there. During the visit, the CDD officers met Mr. Kanagaraj, General Manager, Aravind Eye Hospital to ascertain the status and performance of the DEWATS plant ...

By Arun Kumar (CDD-Regional Coordination Office, Chennai), November 09, 2009

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#### Visit to NGOs' stall by CDD RCO, Chennai for DEWATS Dissemination

On 1st October 2009, a one-day unique event of around 60 NGOs was held at the Chennai Trade Centre in Chennai, under the banner "JOY OF GIVING WEEK". This Event showcased NGO work on creating better tomorrows, so as to spread awareness and gain support. ...

By G Ramani (CDD-Regional Co-operation Office, Chennai), November 09, 2009

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#### Upcoming DEWATS Engineers' Training

CDD Network announces the 3rd Engineers' Training on Decentralised Wastewater Treatment Systems (DEWATS) from December 7-12, 2009. Learn the why's and how's and through on-site practical exercises and field visits prepare to find solutions to urban sanitation issues. ...

By G Ramani (CDD-Regional Co-operation Office, Chennai), November 09, 2009

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## India cont.

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

Consortium for Dissemination of DEWATS

**Exposure Visit of Engineering Students**

Information and Public relations is a significant activity of BORDA and its Network Partner Organizations in India. CDD Regional Cooperation Office Nagpur has been involved in various activities to disseminate and carry forward the idea of Decentralized Basic Needs Services for marginalized social groups to the general public. ...

By Satchit Bhandarkar and Anwaar Ashraf (CDD-Regional Office, Nagpur), October 10, 2009

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**CDD at the National Workshop & Exhibition on Wastewater Treatment Alternatives**

A National Workshop and Exhibition on Decentralised Wastewater Treatment Technological Alternatives to urban local bodies was organised by the Urban Administration & Development Department, Government of Madhya Pradesh, on 11th and 12th September 2009 ...

By Satchit Bhandarkar (CDD-Regional Co-operation Office, Nagpur), October 10, 2009

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**Karnataka CM accepts CDD Society's staff donation for flood relief**

The staff of the Consortium for DEWATS Dissemination Society, moved by the misery of people caused by floods in the Northern Karnataka region, have donated their 3 days salary and made a total contribution of Rs.1,05,798.82 for supporting the efforts of the Karnataka-Government towards meeting the sanitation needs ...

Nivedita Mani Society, (Bangalore), October 08, 2009

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

**DHAN Foundation | Tamil Nadu | India**

Development of Humane Action

**CURE renovates Community Toilet in Madurai slum**

Nagar is a slum within Madurai Municipal Corporation limits and hosts a population of 5,613 residents. It is one of the oldest slums within the Madurai urban agglomeration with more than 25 years of history. The area is situated adjacent to the central Periyar bus stand in the heart of Madurai City. ...

By T. Brundha and R. P. Barathsibi (DHAN Foundation), December 10, 2009

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**CURE celebrates "Global Handwashing Day 2009"**

Global Handwashing Day is a campaign to motivate and mobilize millions around the world to wash their hands with soap. The campaign is dedicated to raising awareness about hand washing with soap as a key approach to disease prevention. The first-ever Global Handwashing Day took place on 15th October, 2008. ...

By R.P. Barathsibi and Jens Götzenberger (DHAN Foundation), November 11, 2009

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**New CURE publication "Alternatives in Sanitation Management"**

On 15 September 2009 DHAN Foundation's Centre for Urban Water Resources (CURE) released its latest publication "Alternatives in Sanitation Management – Decentralised Wastewater Treatment" within the scope of the Madurai Symposium 2009. ...

By Jens Goetzenberger (DHAN Foundation), October 10, 2009

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**Workshop on "Decentralised Wastewater Management" in Madurai**

On September 15; 2009, DHAN Foundation's Centre for Urban Water Resources (CURE) organised an awareness-building workshop on "Decentralised Wastewater Management" at Thamakkum Grounds, Madurai. The workshop was organised within the scope of the Madurai Symposium 2009, ...

By Jens Goetzenberger (DHAN Foundation), October 10, 2009

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## India cont.

www.exnorainternational.org

### EXNORA International | Chennai | India

Excellent Novel and Radical Ideas



#### National Training on Ecological Sanitation

A national-level training program on 'Ecological Sanitation' was organised by Water Sanitation and Hygiene (WASH) Institute, Kodaikanal of Plan International, with the support of the Department of Drinking Water Supply, Government of India. ...

By V. Ganapathy (ExNoRa), December 10, 2009

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#### Two Regional Workshops on CBS-DESWAM for Local Body officials of Tamil Nadu

ExNoRa International with the support of BORDA and CDD organised two regional workshops at Kulithalai in the Salem-Dindigul region and at Tharangampadi in Thanjavur region to sensitise local body officials (Municipal Commissioners, Executive Officers, Sanitary Officers, Sanitary Inspectors, et al) ...

By V. Ganapathy (ExNoRa), November 09, 2009

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#### CBS-DESWAM at Kulithalai Municipality, Karur District, Tamil Nadu

Kulithalai Municipality in Karur District, on the banks of the River Cauvery, has launched an integrated community-based decentralised solid waste management (DESWAM) programme. This is with the support of BORDA and CDD through ExNoRa International, ...

By V. Ganapathy (ExNoRa), November 09, 2009

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www.iyw-india.org

### IYW | Nagpur | India

Indian Institute of Youth Welfare



#### IYW-CDD RCO Nagpur at "Rachana" of Indian Institute of Architects

The Indian Institute of Architects (IIA) is the national body of Architects in India. Having started in the year 1917 the Institute today has more than 15000 members. The Nagpur Centre of the Indian Institute of Architect's "Rachana" – an annual Exhibition was started in 1988. ...

By Bindu Bubber (IYW), December 10, 2009

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#### Advocating DEWATS as a sustainable sanitation solution

Unsafe water and inadequate sanitation are two of the significant drivers of world poverty and inequality. The normative framework for human development is today reflected in the broad vision set out in the MDGs, the internationally agreed set of time-bound goals for reducing extreme poverty, ...

By Bindu Bubber (IYW), October 10, 2009

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www.rlhpmysore.org

### RLHP | Mysore | India

Rural Health & Literacy Programme



#### A Seminar on decentralized approaches to wastewater treatment in Chamrajnagar

With a view to disseminating knowledge on decentralized wastewater solutions and providing a platform for engineers and experts to discuss various aspects related to decentralized approaches as a solution for on-site wastewater treatment in cities, an introductory seminar on ...

By Dr. G. William (RLHP), November 09, 2009

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

Download [e-Disha](#) November 2009

Suscribe to the [e-Disha](#) Newsletter

#### 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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