

About Decentralized Wastewater Treatment Solutions & Proper Sanitation



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

Volume 2 | Issue 3 | September 2009
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 home-pages 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 eco-systems 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.

5th Int. BORDA BNS Workshop

Expert Workshop: Improving Emergency Sanitation

The presentations from speakers of the 5th international BORDA BNS Workshop with the title „Improving Emergency Sanitation“ are now available for download.



Water and Sanitation Experts from four continents introduced the 41 workshop participations impressively to the current situation of basic sanitation services in disaster and refugee camps.

As responsible designers or chiefs of WatSan- arrangements of international first aid organisations they discussed subsequently needed and manageable improvements with representatives from relevant emergency, development and research institutions. In this context BORDA presented their new developed Sea-container- and Fibreglass Wastewater Treatment solutions (Prefab-DEWTAS) with the intention to contribute to the improvement of sanitation facilities in disaster and refugee camps.

The experience of more than 10 years that BORDA has collected as facilitating organization in Decentralised Wastewater Treatment and Community Based Sanitation shall now be integrated in cooperation projects with emergency relief organisations.

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Germany

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Expert Workshop „Improving Emergency Sanitation“

Water and Sanitation Experts from four continents (Myanmar, Indonesia, India, Vietnam, South Africa, Australia, Sweden, Great Britain and Germany) introduced the 41 workshop participations impressively to the current situation of basic sanitation services in disaster and refugee camps.

By Gert Kreutzer, BORDA Germany), September 24, 2009

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BORDA helps fund-raising campaign 2009 „School must not make sick!“

Thanks to the donation from Bremen citizens and the relief organisation of the East-Asian Society Bremen (OAV) it is possible for BORDA to help improving the sanitation facilities in an orphanage as well as in a primary school in Cambodia. ...

By Gert Kreutzer, BORDA Germany, September 24, 2009

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5th Int. BORDA BNS Workshop. Experts from 4 Continents will attend the Workshop - All Seats Taken!

Due to the amendment of the "Renewable Energy Sources Law" (or feed-in law) in Germany, which has become effective in January 2009, the construction of small biogas plants became very interesting especially for small and medium sized farmers. There are already 4000 agricultural biogas plants; 650 of them ...

By Gert Kreutzer (BORDA Germany), Sept. 3, 2009

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Germany cont.

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**BORDA-IWA Conference on DEWATS - 2010 in Surabaya**

The BORDA-IWA conference on „Decentralized Wastewater Treatment Solutions in Developing Countries“, March 23-25 Surabaya 2010, is a unique opportunity to further promote DEWATS and the BORDA-network's expertise to an audience of global sanitation key-stakeholders. ...

By Lara Martens (BORDA Germany), August 13, 2009

[Read article](#)**CDD Network announces 2 new training programmes**

The Consortium for DEWATS Dissemination (CDD) aims to create a knowledge base for up-scaling decentralised basic need services through its capacity building approach. The CDD Network is organising two new training programmes – the National Level Engineers' Training on Decentralised Wastewater Treatment Systems ...

By Lara Martens (BORDA Germany), August 11, 2009

[Read article](#)**Again Award for BORDA BNS Member**

Once again a BORDA BNS partner organisation won an international acclaimed price: The "Yunnan Environment Development Institute" (YEDI) is the national winner of the ENERGY GLOBE Award 2008 with an eco-sanitation project. On this year's "National Energy Globe Award" that was held in Prague, Czech Republic, YEDI ...

By Sven Meyer (BORDA Germany), July 15, 2009

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SADC Region Southern African Development Community Lesotho

www.borda-sadc.org**TED-BORDA Project Coordination Office | Maseru | Lesotho**

Technology for Economic Development (TED)

www.zambia-water.org.zm**WASAZA | Lusaka | Zambia**

Water and Sanitation Association of Zambia

**WASAZA'S first Biogas-digester**

An innovative project using sunflower and jatropha waste is helping to introduce biogas technology to Zambia. Southern BioPower Ltd. is a Zambian company working with renewable energy in a variety of ways. Its main business interest is using jatropha oil for direct combustion in modified diesel engines. ...

By Christopher Kellner (WASAZA), June 10, 2009

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South East Asia Region Indonesia

www.borda-sea.org**BORDA South East Asia Programme Office | Yogyakarta | Indonesia**

Bremen Overseas Research and Development Association

**SanMap Software Training**

"This could be the 1st direct approach to sanitation planning for local governments at municipality and district level in the world". The objective of SanMap software training is to educate the end users on how to utilize the application as a modeling tool to visualize the current sanitation condition in order to evaluate and/or to analyze sanitation related issues

By Didin Jamaludin (BORDA Indonesia), August 5, 2009

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Indonesia cont.

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Sanimas 2009 South East Sulawesi: Implementation In The Remote Area Of East Luwu

In January, Dewa Alit, our Program Manager and Senior Field Facilitator had traveled to South Sulawesi to Malili, the capital of East Luwu Regency. Malili located about 565 kilometer North side of Makassar City, the capital of South Sulawesi Province. To reach Malili, Dewa Alit must spend 15 hours in the bus from Makassar City. ...

By Don Bosco (BORDA Indonesia), June 23, 2009

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balifokus.asia/balifokus/

Balifokus | Bali | Indonesia

Yayasan Bali Fokus - (Bali Fokus Foundation)



DEWATS For Low-Flush Integrated Sanitation System

The orphanage, which established November 30 in 1996, occupied by 50 children, age from 10 months up to 16 years old. There are 6 sisters and 8 staffs who stayed there to help taking care and running the orphanage daily. Due to the nature condition in Kupang and East Timor in general, water are very scarce. ...

By Lie Xueyou (YEDI-China), May 27, 2009

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Philippines

BNS | Quezon City | Philippines

Basic Needs Services Philippines Inc.



Decentralized Wastewater Treatment System In Guian

The municipality of Guian is located at the southernmost tip of Samar Island. It is bounded on the north by the municipality of Mercedes, on the east by the Pacific Ocean, on the south by the Surigao Strait, and on the west by the Leyte Gulf. ...

By Christine E. Limbog (BNS Philippines), Sept. 17, 2009

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Presentation and Discussion Of DEWATS On 2009 For Sorsogon Public Market

For many small and medium enterprises and housing estates, conventional wastewater treatment system are technically sophisticated and costly, and it often requires high energy inputs for operation and rely on sophisticated maintenance services to ensure continuous operation of the project. ...

By Jonas Maronilla (BNS Philippines), June 16, 2009

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South Asia Region India

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CDD Society | Bangalore & Nagpur | India

Consortium for Dissemination of DEWATS



DEWATS Engineers' Training successfully completed

The Consortium for DEWATS Dissemination Society conducted an Introductory Training for Engineers on Decentralised Wastewater Treatment Systems. This was the starting point for its forthcoming capacity-building activities. CDD aims to create a knowledge and human resource base among qualified professionals ...

By Poornima and Astrid Bräu, (CDD-Regional Co-operation Office, Nagpur), Sept. 07, 2009

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India cont.

CDD Society | Bangalore & Nagpur | India

Consortium for Dissemination of DEWATS



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Consortium for DEWATS Dissemination (CDD) Society is recruiting

Consortium for DEWATS Dissemination (CDD) Society, a non-profit organisation based in Bangalore, is recruiting for the following positions - Technical Unit Coordinator (Bangalore), 3 Project Engineers (Bangalore, Nagpur, Chennai), 3 Social Coordinators (Bangalore, Nagpur, Chennai) and 1 Executive Secretary (Bangalore). ...

By Susmita Sinha (CDD Society, Bangalore), August 13, 2009

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Amendment to the Development Control Regulations of Kolhapur

In the state of Maharashtra, the CDD Regional Cooperation office Nagpur and CDD Network Partner have been lobbying to incorporate decentralised wastewater treatment systems (DEWATS) in the government policy for treatment of wastewater in urban and peri-urban areas. As a consequence of these continuous lobbying ...

By Satchit Bhandarkar & Anwaar Ashraf (CDD Society, Nagpur), August 8, 2009

[Read article](#)**Information and Public Relations work among R&D Institutions**

Information and Public relations work is a significant activity of BORDA, CDD Society and its Network Partner Organizations in India. CDD Regional Cooperation Office Nagpur has participated in various campaigns to disseminate and promote the idea of Decentralized Basic Needs Services for marginalized social groups ...

By Mohammad Noor (CDD-Regional Coordination Office, Nagpur), August 10, 2009

[Read article](#)**Upcoming Training Programmes**

CDD Network announces two new training programmes – the National Level Engineers' Training on Decentralised Wastewater Treatment Systems (DEWATS) from August 17-22, 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 Susmita Sinha (CDD Society, Bangalore), July 14, 2009

[Read article](#)**Introduction of DEWATS to Civil Engineering Students**

With the aim of disseminating and introducing the technology and know-how on Decentralized Wastewater Treatment Systems (DEWATS) and in response to official requests from the Government Polytechnic College, Nagpur, CDD made a detailed presentation on DEWATS for the final year students of Civil Engineering ...

By Mohammad Noor and Anwaar Ashraf (CDD-Regional Coordination, Nagpur), July 8, 2009

[Read article](#)**Introductory Seminar on Decentralised Approaches to Wastewater Treatment**

A half-day Introductory Seminar on 'Decentralised Approaches to Wastewater Treatment' was conducted by the Consortium for DEWATS Dissemination (CDD) Society in collaboration with the Karnataka State Pollution Control Board (KSPCB) on Saturday, 20th June at the Auditorium of the KSPCB, Bangalore. ...

By Ashish Kumbhare, (CDD Society, Bangalore), June 24, 2009

[Read article](#)**Pune DEWATS Plant Review**

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

[Read article](#)**Feasibility Study of Sulabh Toilet Complex, Saoner**

In April, 2009, the CDD Regional Co-operation Office Project Engineer and Social Work Coordinator visited the Sulabh International Toilet complex located in the State Transport Bus Stand, Saoner and conducted a pre-feasibility study. Sulabh Int. evinced interest to integrate DEWATS as the only option to address the problem ...

By Anwaar Ashraf, (CDD-Regional Co-operation Office, Nagpur), June 15, 2009

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India cont.

CDD Society | Bangalore & Nagpur | India

Consortium for Dissemination of DEWATS

**Kolhapur DEWATS Plant Review**

CDD Society has implemented three DEWATS plants in Kolhapur. Two of these plants have been completed in May 2008. To review these plants, CDD Regional office representatives visited Kolhapur on 4th May, 2009. The first visit was to the Rajendra Nagar community-based sanitation unit integrated with DEWATS. ...

By Anwaar Ashraf (CDD-Regional Co-operation Office, Nagpur), June 15, 2009

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**CDD at Exhibition on Urban Eco-Planning**

In response to the request from the Hunsur Municipality Councillors, RLHP conducted 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 Ashish Kumbhare (CDD Society), June 15, 2009

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**Participation in International Water Day**

On 22nd March 2009, the International Water Day was celebrated by Central Water Commission, Nagpur, and Nagpur Municipal Corporation at Indian Water Works Association (IWWA). Mr. Aseem Gupta, Municipal Commissioner, NMC was the Chief Guest at the programme. ...

By Anwaar Ashraf (CDD-Regional Co-operation Office, Nagpur), June 15, 2009

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www.dhan.org/

DHAN Foundation | Tamil Nadu | India

Development of Humane Action

**DHAN's Centre for Urban Water Resources (CURE) expands its abilities**

Since its inauguration in January 2008, DHAN Foundation's Centre for Urban Water Resources (CURE) has steadily expanded its activities and abilities in the area of decentralised sanitation services. Since its start, the Centre has prepared and published materials like a booklet on "Improved Wastewater Management in Temples"

By Jens Goetzenberger, R. P. Barathsibi and T. Brundha (DHAN Foundation), August 10, 2009

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**Kick-off for first CBS-DEWATS project by DHAN Foundation**

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 Jens Goetzenberger (DHAN Foundation), July 08, 2009

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**Training of Trainers on DEWATS design held at DHAN Foundation, Madurai**

On May 28th and 29th, 2009, a DEWATS Design Workshop was held at the campus of DHAN Foundation's People Academy in Pulloothu near Madurai. The two-day Workshop was organised by DHAN's Centre for Urban Water Resources (CURE) and conducted with support from CDD Society, Bangalore. ...

By Jens Goetzenberger (DHAN Foundation), June 15, 2009

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www.exnorainternational.org

EXNORA International | Chennai | India

Excellent Novel and Radical Ideas

**Integrated Sanitation Model with Improved SWM Practices**

The Musiri Selection Grade Town Panchayat (MSTP) has become a model for liquid and solid waste management in Tamil Nadu, (...) Convinced of the advantage of the DEWATS project implemented by BORDA – ExNoRa International as a pilot project in East Devadhanam Community oillet of Trichy Corporation, ...

By V.Ganapathy (ExNoRa), July 08, 2009

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India cont.

EXNORA International | Chennai | India

Excellent Novel and Radical Ideas

**Communication Strategy Planning Exercises for NUSP**

The much-awaited National Urban Sanitation Policy (NUSP) of the Government of India was released at the end of 2008. It aims at making all Indian cities and towns totally sanitized, healthy and liveable and ensures to its citizens a healthy and sustainable environment with specific focus on hygienic and affordable sanitation facilities

By V.Ganapathy (ExNoRa), June 05, 2009

[Read article](#)www.iyw-india.org**IYW | Nagpur | India**

Indian Institute of Youth Welfare

**HIA at Kolhapur for CBS within the DEWATS approach**

BORDA has introduced Health Impact Assessment and Monitoring for all CBS Projects in India. BORDA, with partner organizations implementing CBS-DEWATS, has developed a participatory tool, HIA, which is aimed at ensuring ongoing M & E and quality management. ...

By Bindu Bubber (IYW), June 06, 2009

[Read article](#)www.rlhpmysore.org**RLHP | Mysore | India**

Rural Health & Literacy Programme

**Advocating DEWATS as a viable sanitation solution**

With the intention of studying the technical and social aspects of DEWATS and exploring the possibility of replication of DEWATS in other parts of the Country, three officials from WSP, Delhi, courtesy CDD, Bangalore, visited the DEWATS unit in Roopanagar, Mysore, on 23rd July 2009. ...

By Dr. G. William (RLHP), September 7, 2009

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People's lobbying and advocacy for sanitation in Madhuvana

About 40 years ago, 114 families had migrated from neighbouring villages to Madhuvana in search of livelihood. Without any basic facilities, they lived in small congested huts under highly hazardous conditions. Following community building strategic approaches, RLHP started its interventions in Madhuvana slum by organizing ...

By Dr. G. William (RLHP), July 8, 2009

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People Empowerment for Housing Facility

The people of Vasanthnagar-II were in for a rude shock when 97 poor families living in small huts were thrown out of their houses in 2004, with their little belongings strewn on the street, and children and women stranded without shelter. ...

By Dr. G. William (RLHP), June 5, 2009

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India cont.



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

Download e-Disha July 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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