



Newsletter

About Decentralized Wastewater Treatment Solutions & Proper Sanitation

For human dignity and urban environmental protection
Improved Sanitation for All!

Volume 4 | Issue 2 | June 2011
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 websites 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.

IWA Conference in Manila: High Demand on DEWATS

BORDA experienced great encouragement and also a high demand for our solution for Decentralised Wastewater Treatment, DEWATS during the second International Conference on DEWATS for urban environments in Asia, organised by the International Water Association (IWA)

By Sven Meyer (BORDA Germany), June 17, 2011

The IWA conference took place in Manila, Philippines from May 25th to 28th 2011. It was co-organised by BORDA, the World Bank Water and Sanitation Programme (WSP) and the Asian Development Bank (ADB).

The conference's utmost concern was to "discuss the latest developments in policy and practice related to decentralized wastewater management".

Challenges resulting from rapid population growth and industrialisation as well as ongoing urbanisation recline in the area of affordable but effective wastewater management systems, such as DEWATS. ...

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Germany

www.borda-net.org

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Bremen Overseas Research and Development Association



UN: "Sustainable Sanitation: Five-Year Drive to 2015"

One target of the Millennium Development Goals (MDG) is to halve the proportion of the population without sustainable access to basic sanitation by 2015. To achieve this goal the United Nations launched the "Sustainable..."

By Sven Meyer (BORDA Germany), June 23, 2011

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IWA Conference in Manila: High Demand on DEWATS

BORDA experienced great encouragement and also a high demand for our solution for Decentralised Wastewater Treatment, DEWATS during the second International Conference on DEWATS (Decentralised Wastewater Treatment Systems) for...

By Sven Meyer (BORDA Germany), June 17, 2011

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Member of:



partner of
sustainable
sanitation
alliance

Germany cont.

www.borda-net.org**BORDA Southern Africa Programme Office | Dar Es Salam | Tanzania**
Bremen Overseas Research and Development Association**"BORDA helps" 2011 - Needs Assessment Surveys for schools facilitated**

At the end of March, 2011, BORDA-Cambodia (Bremen Overseas Research Development Association) in cooperation with CfD (Center for Development) facilitated Needs Assessment Surveys at two schools in Phnom Penh that will take part in the second School Based Sanitation (SBS) project in Cambodia. ...

By Marina Brückner (BORDA Cambodia) & Sven Meyer (BORDA Germany), May 05, 2011

[Read article](#)**BORDA helps! 2011 – School Based sanitation for School Children in Cambodia**

"Schule darf nicht krank machen", "School should not make sick" is the slogan for the annual BORDA helps! call for donation. This year two schools in Phnom Penh, Cambodia, were chosen to receive improved sanitation and therefore better health and hygiene conditions for school kids, teachers and staff. ...

By Sven Meyer (BORDA Germany) & Marina Brückner (BORDA Cambodia), March 31, 2011

[Read article](#)**SADC Region** Southern African Development Community
Tanzaniawww.borda-sadc.org**BORDA Southern Africa Programme Office | Dar Es Salam | Tanzania**
Bremen Overseas Research and Development Association**Promoting DEWATS for Hotels - BORDA participates at Karibu Fair 2011**

Camel rides, Maasai dancers, hotels and tour operators all offering their services; so is a DEWATS stand out of place at a tourism fair? Not at all, as shown by BORDA's recent experience at "Karibu Fair". The "Karibu Fair" is an annual international travel and tourism fair at Arusha in Northern Tanzania. ...

By Anika Scholz, (BORDA SADC Regional Office), June 23, 2011

[Read article](#)**BORDA SADC team joins the Walk for Water**

Many women and children have to walk an average distance of 6km every day to get clean drinking water. On 16 April 2011 the "Walk for Water" called on Dar es Salaam residents to walk or run a 6km route to raise awareness of the water crisis in many Tanzanian communities. Around 2000 people ran...

By Anika Scholz, (BORDA SADC Regional Office), May 03, 2011

[Read article](#)www.eepco-tz.org/**EEPCO | Dar es Salaam | Tanzania**
Environmental Engineering and Pollution Control Organization**Pilot sanitation facilities and services for 14 wards of Dar es Salaam**

Sanitation designs for one city, three municipalities and a total of 14 project sites - that's the scale of the work Belgian Technical Cooperation has commissioned EEPCO and BORDA to carry out. The new project is titled "Design of feasible pilot sanitation facilities and design/determination of feasible ...

By Anika Scholz (EEPCO), June 23, 2011

[Read article](#)**Sanitation Project at Majani ya Chai Secondary School kicks off**

Heat and humidity troubled Dar es Salaam residents over previous weeks so cooler weather, with the beginning of the rainy season, was welcomed. However, at Majani Ya Chai Secondary School, in Dar es Salaam, heavy rain poses a major challenge for the construction of a DEWATS system. ...

By Anika Scholz (EEPCO), April 14, 2011

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Lesotho

www.ted-biogas.org

TED | Maseru | Lesotho
Technology for Economic Development (TED)



TED co-organizes "The World Walks for Water" in Lesotho

The World Walks for Water is an event which raises awareness of the global water and sanitation crisis. All over the world thousands of people celebrated World Water Day by joining together to walk 6 km to remind decision-makers...

By Carla Wunsch (TED, Lesotho), May 03, 2011

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South Africa

www.borda-sadc.org

BORDA Southern Africa Programme Office | Dar Es Salam | Tanzania
Bremen Overseas Research and Development Association



Kicking off DEWATS prefab in South Africa

In January 2011 BORDA opened a new office in Shakas Head, 50km in the north of Durban, South Africa. The premises are shared with HERING South Africa. The framework is a Public-Private-Partnership (PPP)-Project on pre-fabricated Community Ablution Blocks (CABs) between eThekweni Water and Sanitation Department ...

By Annkatrin Mayer (BORDA SADC Office, South Africa), May 26, 2011

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Zambia

www.wasaza.org.zm

WASAZA | Lusaka | Zambia
Water and Sanitation Association of Zambia



Make Zambia Cleaner, Greener and Healthier

The key slogan of the Water and Sanitation Association of Zambia (WASAZA) is "Make Zambia Cleaner, Greener and Healthier". WASAZA even has a sanitation song (composed and sung by the Sakala Brothers) with a catchy melody which you...

By Christopher Kellner (WASAZA Zambia), June 20, 2011

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WASAZA contributes to sanitation improvements in low cost areas

The introduction of Decentralised Wastewater Treatment Systems (DEWATS) in Zambia began in 2007. The program is supported by BORDA (Bremen Overseas Research and Development Agency) through a cooperative agreement between the...

By Christopher Kellner (WASAZA Zambia), May 23, 2011

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WASAZA hosts Biogas Orientation Training for World Vision Zambia

WASAZA recently hosted a three day workshop focussing on DEWATS and Biogas Technology in Schools Sanitation for the World Vision Zambia ZWASH project. The awareness workshop was run in conjunction with World Vision Zambia from 23 - 25 February 2011 and...

By Tuseko Sindano (WASAZA, Zambia), April 27, 2011

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P- LOCSAN Update

The program to introduce DEWATS in Zambia, supported by BORDA, was initiated in 2007 through a cooperative agreement between the Devolution Trust Fund (DTF), GIZ, BORDA's partner in Zambia WASAZA (Water and Sanitation Association of Zambia) and BORDA SADC. ...

By Christopher Kellner (WASAZA Zambia), March 16, 2011

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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



DEWATS Video on YouTube, Why Not?

Have you ever seen like this before on YouTube? This image was a screen capture on March 23rd, a day after the world water day on March 22nd. Google is so festive, you might see the Google logo every time the festive season comes such...

By Didin Jamaludin (BORDA Indonesia), March 24, 2011

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www.balifokus.org

Balifokus | Bali | Indonesia
Yayasan Bali Fokus - (Bali Fokus Foundation)



Balifokus has trained more than 200 Field Facilitators in Makassar and Bali

The training of Tenaga Fasilitator Lapangan Sanitasi Lingkungan Berbasis Masyarakat Dana Alokasi Khusus 2011 (TFL SLBM DAK 2011) or the Community Facilitators Training of Community-Based Sanitation 2011 held this year and organized into two trainings activities in Denpasar (Bali) and Makassar (South Sulawesi). BALIFOKUS...

By Putu Ririn (BALIFOKUS Indonesia), June 15, 2011

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www.cbtech-lptp.org

LPTP CBTECH | Yogyakarta | Indonesia
Lembaga Pengembangan Teknologi Pedesaan



Two out of Three DEWATS Plants in Solo, Central Java are ready to be used

Kampung Pajang and Kampung Kadipiro in Solo City, Central Java discharged their domestic waste to the river body. But, that was before they have DEWATS Plants.

On 25 February 2011, LPTP handed-over two out three DEWATS Plants in Solo City to the community after

By Rahmitha (LPTP Indonesia), April 04, 2011

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This is not a Toilet Beautification Contest

This is a SANIMAS Award. LPTP and BORDA has conducted SANIMAS AWARD Selection for Central Java Regional in January 2011. SANIMAS AWARD is reward to CBS SANIMAS (Sanitation for People) CBO (Community Base Organization who...

By Mitha (LPTP Indonesia), March 24, 2011

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Cambodia

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BORDA Cambodia Project Office | Phnom Penh | Cambodia
Bremen Overseas Research and Development Association



Promoting DEWATS in Cambodia

In order to promote DEWATS (Decentralized Wastewater Treatment Systems) in Cambodia a number of marketing activities targeting various local stakeholder groups took place during the last few of weeks. On the 16th of May, 2011, Senior Engineer Mr. Nuth Makara facilitated site visits to BORDA-Cambodia's two ...

By Marina Brückner (BORDA Cambodia), June 10, 2011

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Cambodia cont.

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Bremen Overseas Research and Development Association



Kampong Speu Referral Hospital - DEWATS Commissioning and Operation & Maintenance (O&M) Training

The 4th DEWATS (Decentralized Wastewater Treatment System) implemented by BORDA-Cambodia and funded by the donor and project owner LienAid, was commissioned on the 25th of May, 2011, at Kampong Speu Referral Hospital. ...

By Marina Brueckner (BORDA Cambodia), June 09, 2011

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IWA DEWATS Conference in Manila, Philippines - Presentation of School Based Sanitation (SBS) 2.0 in Cambodia

From 25th to 28th of May, 2011, the International Conference on DEWATS (Decentralised Wastewater Treatment Systems) for urban environments in Asia organized by IWA (International Water Association), WSP (Water and Sanitation...)

By Marina Brueckner & Lien Aid (BORDA Cambodia), June 08, 2011

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Cambodia School Based Sanitation (SBS) 2.0 Project Needs Assessment Surveys

At the end of March, 2011, BORDA-Cambodia (Bremen Overseas Research Development Association) in cooperation with CfD (Center for Development) facilitated Needs Assessment Surveys at two Phnom Penh Schools that will take part in...

By Marina Brueckner (BORDA Cambodia), May 05, 2011

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World Water Day in Cambodia

In 1993, the United Nations General Assembly designated March 22 International World Water Day. Each year on March 22 the day is used as a means of focusing attention on the importance of freshwater and advocating for the sustainable management of freshwater resources.

By Alex Campbell (BORDA Cambodia), March 25, 2011

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School Based Sanitation (SBS) 2.0 Projects in Cambodia

On the 9th of March, 2011, the School Based Sanitation (SBS) Technical Working Group (TWG) selected two Phnom Penh schools that will be invited to take part in the second SBS project in Cambodia. The TWG is a steering committee which plays an important role in advising and coordinating the SBS 2.0 ...

By Marina Brueckner (BORDA Cambodia), March 24, 2011

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Cambodia Sanitation Workshop

"From upstream to downstream of the sanitation value-chain?" This workshop was held at the Sunway Hotel in Phnom Penh on the 16th of February, 2011, and it was facilitated by GRET-Cambodia in cooperation with BORDA-Cambodia. ...

By Marina Brueckner (BORDA Cambodia), March 24, 2011

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Vietnam

www.borda-sea.org

BORDA VAWR Project Office | Hanoi | Vietnam
Bremen Overseas Research and Development Association



Demonstration of Ecological Sanitation and Other Decentralized Sanitation Systems in Southeast Asia

Following the request from the Center for Advanced Philippine Studies (CAPS) who was documenting cases of decentralized sanitation activities in Vietnam, Cambodia, Laos, and the Philippines, as part of a UN-funded project to compare decentralized sanitation activities in Southeast Asian nations, BORDA Vietnam and the ...

By Kieu Ly Doan (BORDA Vietnam), June 21, 2011

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Vietnam cont.

www.ctic.org.vn/**CTIC | Hanoi | Vietnam**

Center for Training and International Cooperation

**OM (Operational & Maintenance) Traing for DEWATS System in Khac Niem, Vietnam**

DEWATS Helps Agricultural Sector in improving Environment Issue Waste water treatment system for noodle processing village Khac Niem is built according to the policy of Ministry of Agriculture and Rural Development, which is in ...

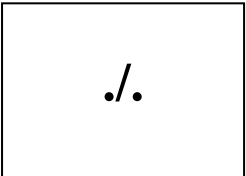
By Vu Hai Nam (CTIC Vietnam), May 06, 2011

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Laos

www.lao-lire.org/**LIRE | Vietiane | Laos**

Lao Institute for Renewable Energy

**Inauguration of the first pilot School Based Sanitation project in Lao PDR**

On March 16, 2011, the official inauguration and handing over ceremony for the first School Based Sanitation (SBS) Decentralized Wastewater Treatment System (DEWATS) project in Vientiane, Lao PDR took place. This project, at Khualuang Primary School and near Buddhist Temple, was implemented by LIRE-BORDA ...

By Nora Paech (LIRE, Laos), May 06, 2011

[Read article](#)**Inauguration of the First Pilot School Based Sanitation Project in Lao PDR**

SBS projects aim to improve the sanitation conditions for schools with improper or no waste water treatment, such as the Khualuang Primary School, through a variety of measures including the construction of a DEWATS. To ensure a sustainable improvement to health and...

By Nora Paech (LIRE, Laos), April 04, 2011

[Read article](#)**South Asia Region**

India

www.borda-sa.org**BORDA South Asia Programme Office | Bangalore | India**

Bremen Overseas Research and Development Association

www.cddindia.org**CDD | Bangalore | India**

Consortium for Dissemination of DEWATS

**International Engineers' Training on DEWATS successfully conducted**

CDD Society conducted a training programme for the 7th batch of engineers on DEWATS from 9th through 14th May 2011 at the Centre for Advanced Sanitation Solutions (CASS), Bangalore.

The group of participants comprised of eleven people from four countries who are involved in technical sectors...

By Sina Hillger (CDD Society, Bangalore), May 19, 2011

[Read article](#)**ALAMB- Plan India Partners Exposure Visit to CBS-DEWATS, Kolhapur**

Plan India is an Indian NGO working to improve the lives of disadvantaged children, their families and communities through an approach which puts children at the centre of community development.

CDD Society Regional Cooperation Office, Nagpur, organised an exposure visit for 19 staff of PLAN India, ...

By Satchit Bhandakar (CDD Regional Coordination Office, Nagpur), May 03, 2011

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India cont.

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Bremen Overseas Research and Development Associationwww.cddindia.org**CDD | Bangalore | India**
Consortium for Dissemination of DEWATS**Upcoming Training: Towards Sustainable Community Based Sanitation**

CDD Society will be conducting a training programme on solutions towards Sustainable Community Based Sanitation (CBS) at the Centre for Advanced Sanitation Solutions (CASS) in Kengeri, Bangalore from the 20th – 24th of June 2011. ...

By Sina Hillger (CDD Society, Bangalore), May 03, 2011

[Read article](#)**BORDA offers subsidies on all training programmes of CDD Society**

CDD Society's Capacity Building Programme aims at creating a critical mass of quality service providers to scale up the implementation of basic needs services in order to contribute to the achievement of Millennium Development...

By Susmita Sinha (CDD Society, Bangalore), April 19, 2011

[Read article](#)**CDD Society – Training Calendar 2011-2012**

The Consortium of DEWATS Dissemination (CDD) Society aims to promote and improve the social, economic and environmental conditions of the disadvantaged and marginalised people in South Asia through the provision of Decentralised...

By Sina Hillger (CDD Society, Bangalore), April 05, 2011

[Read article](#)**Construction of first CBS- DEWATS plant in Udaipur, Rajasthan**

Since the beginning of the year 2011, the Regional Cooperation Office in Nagpur was exploring opportunities for DEWATS intervention in other regions in India. The efforts resulted in starting a DEWATS project in Rajasthan. The agreement between Seva Mandir, a reputed NGO working on water and environmental issues in Udaipur, ...

By Satchit Bhandakar (CDD Regional Coordination Office, Nagpur), March 29, 2011

[Read article](#)**Commissioning of CBS - DEWATS Plant at Kalmeshwar**

CDD Regional Cooperation office started its DEWATS intervention in Maharashtra since June 2008. The construction work of the first DEWATS plant started on 15th March 2010 for community toilet complex at vegetable market Kalmeshwar in Nagpur. ...

By Satchit Bhandakar (CDD Regional Coordination Office, Nagpur), March 29, 2011

[Read article](#)**Making Cities Liveable - International Conference on Healthy Cities**

The conference on 'Healthy Cities' aimed to probe into many questions relating to safer and cleaner, live-able and sustainable cities and arrive at a broad definition of healthy cities. Although, there are various perspectives on understanding the city from being an economic engine to a place...

By Satchit Bhandakar (CDD Regional Coordination Office, Nagpur), March 23, 2011

[Read article](#)**Walk for Water in Bangalore**

The Consortium for DEWATS Dissemination Society (CDD Society) joined thousands of people from across the globe to express its solidarity towards millions of those people who walk six kilometres every day just to collect water for...

By Nivedita Mani (CDD Society, Bangalore), March 22, 2011

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India cont.

www.cddindia.org

CDD | Bangalore | India
Consortium for Dissemination of DEWATS**The World Walks for Water in Bangalore on 22nd March 2011**

The Consortium for DEWATS Dissemination Society (CDD Society) will join tens of thousands of people from across the globe to demand government action on the world water and sanitation crisis. The action is part of The World Walks for Water, a global movement taking place on 19-22 March 2011 to ...
By Nivedita Mani (CDD Society, Bangalore), March 15, 2011

[Read article](#)**Upcoming Training for Engineers on DEWATS**

CDD Society announces its next training for DEWATS Engineers at the Centre for Advanced Sanitation Solutions (CASS) in Bangalore from the 9th through 14th May 2011. The 6-days fully residential training programme aims to introduce and impart engineering skills to professionals...
By Sina Hillger (CDD Society, Bangalore), March 15, 2011

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www.dhan.org

DHAN Foundation | Tamil Nadu | India
Development of Humane Action**CBS-DEWATS at Panaiyur in Madurai**

DHAN Foundation, a professional development organisation with its central office at Madurai, Tamilnadu, is working with poor communities to improve the quality of life and reduce poverty. The Centre for Urban Water Resources (CURE) is a newly established centre of DHAN Vayalagam Tank Foundation with ...
By R. Devika, BORDA Partner – DHAN Foundation, April 13, 2011

[Read article](#)www.exnora
international.org**EXNORA International | Chennai | India**
Excellent Novel and Radical Ideas**Study for Kulithalai City Sanitation Plan**

The combination of safe drinking water and hygienic sanitation facilities is a precondition for health and for success in the fight against poverty, hunger, child deaths, and gender inequality. UNICEF works in more than 90 countries around the world to improve water supplies and sanitation facilities in schools and...
By V. Ganapathy (ExNoRa International), April 13, 2011

[Read article](#)**Team from Chhattisgarh visited East Devadhanam Flagship Project**

A team of senior officials, Mayors and Municipal Chairmen from Chhattisgarh State visited Trichy in January under a capacity building exposure-cum-learning visit to Trichy Corporation. Chhattisgarh being a relatively new State, the aim of the team was to learn about water supply, ...
By V. Ganapathy (ExNoRa International), April 13, 2011

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e-Disha Newsletter bi-monthly published by CDD

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

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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