



Consortium for
DEWATS
Dissemination
Society

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PROLOGUE

Warm Greetings and New Year Wishes

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DEWATS at Isolation Hospital

RESEARCH ON SANITATION

"Sustaining the Sanitation Revolution" -
Indian Country Paper by SACOSAN III,
New Delhi, 16th – 28th November 2008

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INTERESTING LINK

<http://www.wesnetindia.org/>

QUIZ

Test your knowledge...



Annual Review and Planning Meeting 2009

PROLOGUE

Warm Greetings and New Year Wishes from CDD Society! It is our pleasure to bring to you the January 2010 issue of eDisha, the first for 2010.

The year 2009 was a milestone for CDD as it successfully directed its emphasis towards capacity building as part of achieving its target of providing basic needs services to one million people by 2015. Further, CDD also organised and participated in a number of training programmes, workshops and seminars in 2009.

This year, more training programmes and workshops have been planned. The list of training programmes and events will be published in the forthcoming issue of e-Disha. We would like to express our sincere thanks to you for your constant support and encouragement. The Editorial Team would be pleased to receive feedback and suggestions. Contributions to the Newsletter are most welcome.

PICTURE OF THE MONTH

The CDD Society Annual Review and Planning Meeting 2009 was held during 25th - 28th November 2009, in Bangalore. All staff of CDD Society including those from Nagpur and Chennai Regional Coordination Offices (RCOs) attended the meeting. The first two days reviewed the last one year of working together, focusing on lessons learnt as well as achievements. A review of the year's achievements provided details of impacts and their indicators including the number of results achieved. Lessons learnt and constraints faced were discussed and analysed in detail.



Annual Review and Planning Meeting 2009

The last two days were allocated to detailed planning of activities for 2010 in which every unit fine-tuned the work packages required to achieve project objectives, targets and results during 2010.

The 4-day long event brought the teams together to work in close synergy with each other. Everyone participated enthusiastically and are confident of achieving the goal of providing 1 million people with decentralised basic needs services by 2015.

PROJECT FACT SHEET

DEWATS at Isolation Hospital

<http://www.borda-sa.org/modules/wfdownloads/visit.php?cid=6&lid=88>

RESEARCH ON SANITATION

"Sustaining the Sanitation Revolution" - Indian Country Paper by SACOSAN III, New Delhi, 16th – 28th November 2008.

This paper traces the evolution of sanitation in both rural and urban sectors of India. This section concludes with a critical reflection on the emerging issues such as how to measure outcomes, set standards and benchmarks, innovative communication channels and most importantly, how to achieve a sustainable sanitation paradigm. Read more....

<http://ddws.gov.in/popups/India%20Country%20Paper.pdf>

DEWATS ELEMENTS

Citywide Decentralised Basic Needs Service (DBNS) Planning



Integration of DBNS elements into citywide sanitation planning

Rapidly urbanising towns and cities urgently require an appropriate sanitation plan. The main reason for this is the rush of people into the urban centres which is not matched by a corresponding increase in the supply of basic urban services like water supply, sewerage and drainage networks, garbage disposal facilities, citywide roads, and public safety systems like street lighting and pedestrian pathways.

The existing centralised sanitation systems and services are unable to cope with the growing demands of towns and cities and so a percentage of the population does not have access to basic sanitation amenities. In order to cater to the needs of the 'unserved' population of towns and cities, it is essential to develop an appropriate plan that will assess and meet the gaps in demands for basic sanitation related services.

The Citywide Decentralised Basic Needs Services (DBNS) Planning tool envisages meeting this demand by complementing the existing system with the integration of decentralised approaches, like Wastewater Treatment Systems (DEWATS), Solid Waste Management (DESWAM) and Community Based Sanitation (CBS). These services, incorporated into city planning, would ensure that the level of basic services provided to the urban population is enhanced. Moreover, these services are not intended to replace but rather to complement centralised systems.

Developing a citywide DBNS Plan encompasses reviewing of existing sanitation systems, schemes and programs for sanitation, institutional mechanisms for provision of basic needs services and regulatory mechanisms. On completion of the background assessment, a Geographic Information System (GIS)-based analysis of the existing supply, the actual and future demand for sanitation infrastructure as well as the gap between supply and demand is assessed. On the basis of sanitation gaps, the areas under sanitation stress are identified and are prioritised for the required intervention.

For the stress areas, decentralised sanitation solutions (DEWATS, DESWAM and CBS) are proposed wherever feasible. This includes preparing a technical concept for provision of decentralised services, management possibilities, scale and tentative costs for the project.

The main objective for integrating DBNS elements into citywide sanitation planning is helping local governments to apply holistic approaches for policy and strategic planning and implementation of sanitation projects. It becomes a tool for decision making to prioritise interventions.



WASTEWATER ANALYSIS

Sludge sampling device

The Sludge Sampling Device is used in order to measure the sludge heights in the chambers.

Components

- Stainless steel stick
Stainless steel stick (to be set inside the acrylic tube) with 4m of length with 2m, 1m and 1m tubes
- Steel plate as lower lid
- Acrylic Tube
Acrylic tube with 4m of length with 2m, 1m and 1m tubes with joint

Procedure

- Place the stainless steel stick in the tank/chamber in the desired position (e.g. edge, middle of chamber) until it reaches the bottom of the tank.
- Place the acrylic pipe on the stick until it reaches the bottom lid of the stick.
- Screw the upper lid to the upper side of the pipe.
- Remove the tube by holding it vertically.
- Measure the sludge level using the tape.



Sludge Sampler

INTERVIEW

An interview with the new Weltwärt staff working with CDD Society

In October 2009, five new Weltwärt staff joined CDD Society. Ms. Maria Theres H. and Ms. Britta S. are working on integration of Decentralised Basic Need Services in Urban Sanitation Planning. Mr. Alex M. and Mr. Ulf D. are working on Research and Development activities related to DEWATS and Ms. Tatjana F. is working on social development aspects and is with the Capacity Building team.

The volunteers will be in India for 11 months to work both at desk and field levels. They shared their thoughts and ideas during an interview giving an insight into the reasons as to why they opted for the Weltwärts programme and how they feel about working in India for almost one year.



Standing from left: Astrid, Alex, Ulf, Tatjana
Sitting: Britta, Maria

They stated that Weltwärts provides opportunities for them to write their Master's thesis on very interesting and challenging topics related to the sanitation sector through which appreciable experience and knowledge could be gained in the context of development cooperation. Furthermore, the Weltwärts is a scholarship-based programme with attractive conditions. They also added that after their Bachelor degrees, they wanted some practical work experiences and also a distance from university and lectures for some time. The programme has given them the chance to do something useful to contribute to the development sector in another country.

One of the volunteers pointed out that he wanted to work in the cooperation development field for some years. He found the Weltwärts assignment offered at BORDA perfectly fitting his interests and he feels very happy that the flight and living costs are paid for.

They all have a good feeling about staying and working in India which provides them a working and living culture different from Germany. They are very involved and interested as they are exposed to working with different research tasks. They appreciate the good intercultural relationship existing in CDD Society and its concept and goal of serving one million people by 2015. They mentioned that they appreciated the way of working in CDD Society which is structured, planned and well organised.

Though a few of the Weltwärts staff have started working on their research tasks, others stated that they are waiting for their key tasks on citywide planning and social coordination based on their areas of interest and expectations.

EVENTS

Engineers' Training on Decentralised Wastewater Treatment Systems (DEWATS), 7 th - 12th December

This training programme, emphasised on civil design and was aimed at imparting skills required for planning, implementing and managing DEWATS. It was organised by CDD Society with the support of BORDA and Rajiv Gandhi Rural Housing Corporation Limited, at Bangalore in December 2009. Participants were from NGO's and private firms. The training approach followed a participatory learning methodology combining lectures, illustrations and demonstrations. There was active participation from all the trainees which helped in making the training programme a success.

DEWATS Site Supervisors' Training, December 2009

CDD Society organised a training programme for supervisors on DEWATS on 21st December 2009 at the Center for Advanced Sanitation Solutions (CASS), Bangalore, with the aim of systematically transferring skills and knowledge pertaining to the construction of DEWATS specifying the importance of construction norms and quality requirement.



The participants were construction supervisors from Water Sanitation for Urban Poor (WSUP) and CDD Society. The day-long training program adopted a participatory learning methodology which included class room training, hands-on training assignments and field trips to the project site.

Introductory Seminar on Decentralised Wastewater Treatment Systems (DEWATS)

An Introductory seminar on “Decentralised Wastewater Treatment Approaches” was organised jointly by the Consortium for DEWATS Dissemination CDD Society – RCO Chennai, in association with Builders Association of India (BAI-Southern Region) on 4th December 2009 at Chennai.

The main objective of this seminar was to create awareness on Decentralised Wastewater Treatment Systems among builders and architects. The participants were builders, apartment promoters, consulting architects, government officials from Slum Clearance Board, Tamil Nadu Small Industries Development Corporation (TANSIDCO), Metro Transport Corporation, Chennai, and professionals from NGOs.

The seminar started with a welcome by Mr. G. Ramani, Regional Coordinator, CDD RCO, Chennai followed by the inauguration by Mr. Murthy, BAI Chairman (Tamil Nadu and Pondicherry). The first session was a presentation by Mr. Jens Gotzenberger, Dhan Foundation on “Sanitation and MDGs”. Mr. Dominick Hock presented “Principles of Decentralised Wastewater Treatment Ssystems (DEWATS)”. Mr. T. Vijayanand, ExNoRa International, Chennai, highlighted the role of DEWATS in the present scenario of rapid urbanisation. Mr. Rahul Sachdeva, CDD Bangalore, made a presentation on the integration of Decentralised Wastewater solutions in Citywide DBNS Planning. This Introductory seminar was very helpful for exchanging of various ideas and in creating awareness among professionals on Decentralised Wastewater Treatment Systems.

INTERESTING LINK

WES-Net India

<http://www.wesnetindia.org/index.php?id=11>

WES-Net India is a learning alliance of stakeholders in the Water and Environmental Sanitation sector, including NGOs, UN agencies, private sector, consultants, government departments and donors. WES-Net's objective is to improve knowledge sharing and co-ordination within the water and sanitation sector focused on achieving the Millennium Development Goals.

QUIZ

Q: On an average, what is the percentage of water in homes lost through leakages?

Source: <http://planetgreen.discovery.com/games-quizzes/water-iq-quiz/>

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