



Innovate. Demonstrate. Disseminate.

Consortium for DEWATS™ Dissemination (CDD) Society is a not-for-profit organisation formally registered in 2005 to promote **decentralised sanitation solutions** in India. While our history lies in decentralised sanitation solutions, we aspire to be a **Center of Excellence** for **nature-based solutions** in **Water and Sanitation**.

We provide solutions across the spectrum - **treating wastewater** from single households and communities, **remediation plans** for drains and lakes, **liquid waste management plans** for rural and peri-urban areas, and **Faecal Sludge Management** for small and medium towns. In order to multiply our impact, we dedicate considerable resources to **training stakeholders** - skilled operators, practitioners, municipal engineers, and decision makers.



Innovative
Engineering



Nature-based
Solutions



Action
Oriented



Collaboration
& Dissemination



Systems
Approach



Nurturing
Talent



To help create **healthy and happy communities**, across the world, by ensuring a **clean and sustainable environment** around them.

Our Vision

Our Mission

- To innovate, demonstrate and disseminate decentralized **nature-based solutions** for the conservation, collection, treatment and reuse of water resources and management of sanitation facilities
- To deliver **technical expertise** grounded within the socio-economic context, through consulting, training and capacity building of government and non-government agencies, communities and other stakeholders in the water and sanitation ecosystem
- To create a **workplace of choice** for talent interested in social and environmental impact



Our Key Principles



Innovations driven Engineering & Design

- Innovations-driven **design and engineering solutions** organisation
- **Applied research and development** to innovate on-ground WASH solutions
- **Contextualized** solutions for every project to ensure effective local applicability and adoption.



Nature based sustainable solutions

- Robust **nature-based solutions** that are sustainable and affordable that require low operational and maintenance costs
- **Decentralized** systems that **close the water loop**, even at smaller scales
- **Site-specific hybrid solutions** that integrate natural systems and modern technologies appropriately



Action oriented – Implementation biased

- **Sound engineering capabilities** that are translated into impactful solutions for communities
- **Demonstrate-by-doing** approach via hands-on technical teams that deliver solutions on the ground.



Systems approach at the community level

- Taking the **technical, socio-economic, ecological and cultural perspectives** into account, while designing and advocating solutions for the community
- Focus on growing **urban & peri-urban communities** and **engaging them** to create sustainable solutions



Collaboration and Knowledge Dissemination

- **Training and capacity building** of organisations in the WASH ecosystem
- Fostering collaboration through the **CDD Network and other relevant forums** within the WASH Ecosystem



Mission driven talent for social & environmental impact

- **Equal opportunity workplace** celebrating diversity and committed to creating an inclusive environment for all employees.
- Developing **future leaders** for CDD and the ecosystem

Our Sectors

1 Wastewater Treatment

Impact* :

- **415 DEWATS** installed in India (by CDD, its partners and trainees)
- **15 million liters** of wastewater treated everyday
- **0.2 million people** benefitted

Key Features:

- Vast expertise in **contextualizing nature-based wastewater solutions**
- **Lower lifecycle cost**, as compared to energy intensive wastewater treatment systems
- Long lasting and sustainable solutions requiring **lower operations and maintenance** efforts and **enabling reuse of treated water** for gardening and toilet flushing purposes
- **Adaptable** and **easily integrated** into the existing landscape

Key Projects

- Arvind Eye Hospital, Puducherry
- IIT Gandhinagar, Gujarat
- MG Road Metro Station, Bengaluru, Karnataka
- Good Earth Office, Bengaluru, Karnataka
- Slaughter House, Umred, Maharashtra
- Public Toilet for Weekly Market, Kalmeshwar, Maharashtra
- Azim Premji Foundation School, Gulbarga and Yadgir

2 Faecal Sludge Management

Impact* :

- 10 town level FSTPs installed, serving 0.2 million people
- 1.2 million m³ of faecal sludge treated till date
- 12 states being supported for FSM implementations

Key Features:

- Pioneer in nature-based treatment system – implementation of more than 8 unique designs
- World class training materials for practitioners
- Key technical partner in the National Faecal Sludge and Septage Management Alliance (NFSSM Alliance)

Key Projects

- Devanahalli, Karnataka
- Leh, Ladakh
- Dhenkanal, Odisha
- Sircilla, Telangana
- Phulera-Sambhar and Khandela, Rajasthan

3 Waterbody Rejuvenation

Key Features:

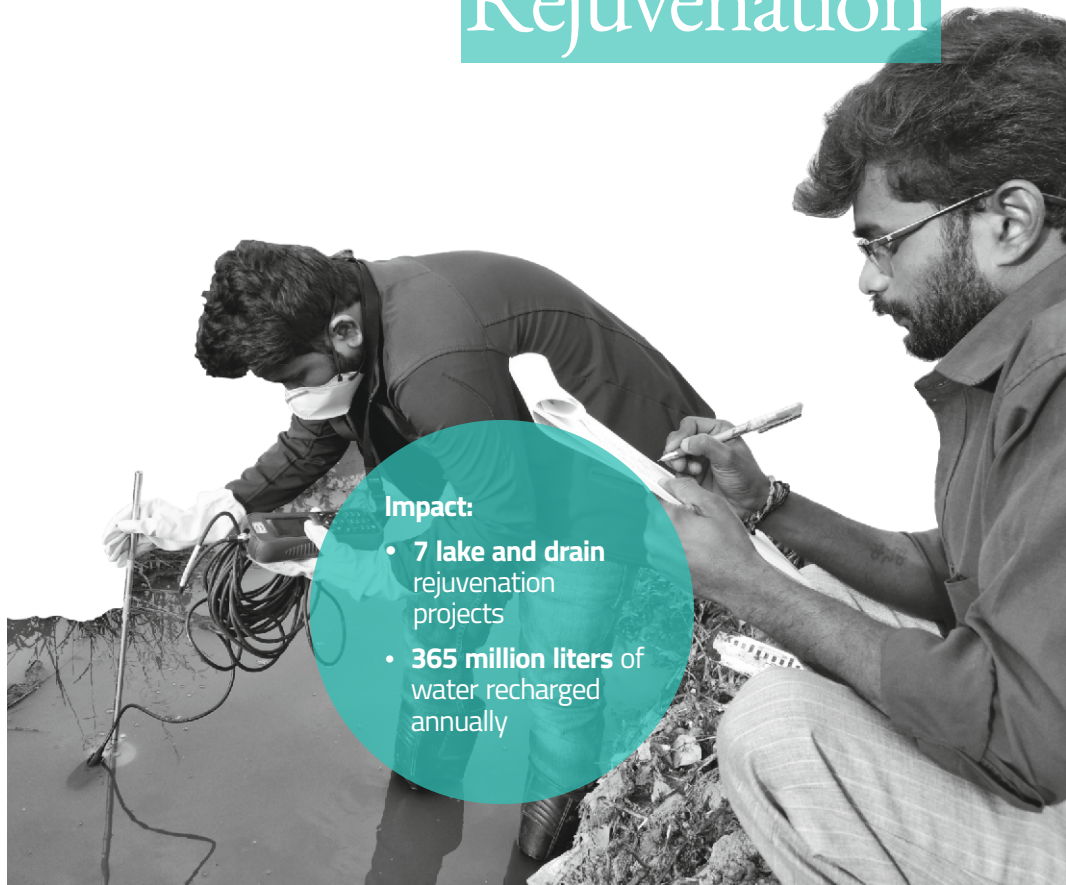
- **Holistic approach** that looks at multiple facets of a waterbody
- Ability to **intertwine** our vast **wastewater expertise** with **innovative solutions** for intake and diversion arrangements and solid waste screening
- **Nature based simple systems** that can be managed by the community

Key Projects

- Mahadevapura Lake Rejuvenation, Bengaluru, Karnataka
- Eco-restoration of 9 lakes in Coimbatore, Tamil Nadu
- Palam Drain, New Delhi
- Pilot Rejuvenation of Allappuzha Canal Network, Kerala
- Eco-restoration of wetlands at Nagavara lake, Bengaluru, Karnataka

Impact:

- **7 lake and drain** rejuvenation projects
- **365 million liters** of water recharged annually



4 Solid Waste Management

Key Features:

- Ability to visualize solid waste management as a part of city's larger WASH challenges and provide **contextualized solutions**
- **Participatory approach** to planning and implementation and establishing **user friendly monitoring mechanisms** for communities

Key Projects

- Capacity Building in Solid Waste Management, Andhra Pradesh
- Solid Waste Management, Devanahalli, Karnataka

Impact:

- **3 Solid Waste Management** Projects
- **26,000 +** direct beneficiaries



Our Services



Technical Solutions

- Feasibility Studies
- Planning, Design and Engineering
- Tendering and Implementation Support
- O&M Support
- Monitoring and Evaluation
- Post implementation trouble shooting of treatment plants



Capacity Building

- Flagship training programs for DEWATS, FSM, WBR covering design, planning, implementation and O&M support
- Cater to a diverse set of professionals – planners, designers, consultants, contractors, government officials, NGOs and public health workers



Applied Research & Development

- Research targeted at improving efficiency and upgradation of water and sanitation systems
- Continuous monitoring of implemented DEWATS/FSTPs and their performance



Knowledge Publications & Dissemination

- Curating content aimed at informing practitioners about sustainable ways of problem solving
- Capturing on ground implementation and innovation experience

CDD Network Partners Map

Hunnarshala, Bhuj

*Eco-friendly constructions,
Community empowerment,
Artisan empowerment, Disaster Relief,
Urban slum development*

Center for Integrated Development, Ahmedabad

*Disaster Management,
Natural Resource Management,
Sanitation*

Center for Green Mobility, Ahmedabad

Urban Planning, Transportation, Urban Design

Rural Literacy & Health Programme, Mysore

*Community-based Health and Sanitation,
Natural Resource Management*

DHAN Foundation, Madurai

*Agricultural Development,
Coastal Conservation and Livelihood,
Rainfed Farming Development*

Inspiration, Kochi

*Progressive Ecology-friendly Infrastructure Development,
Decentralised Wastewater Treatment,
Solid Waste Treatment*

Ladakh Ecological Development Group (LEDeG), Leh
*Renewable energy, sustainable agriculture,
watershed development, urban environmental issues*

Indian Institute of Youth Welfare, Nagpur
Engineering and Wastewater Treatment

Prakruthi, Bengaluru
*Preservation of the Environment
through sustainable farm practices,
fair labour, social audit and accountability*

Waste Wise Trust, Bengaluru
*Solid Waste Management,
Sanitation for low income groups*

ExNoRa International, Chennai
*Biodiversity, Climate Change,
Solid-liquid and zero waste management,
mosquito eradication*

Eco Pro & Center for Scientific Research, Auroville
*Environmental health, public hygiene,
ecological sanitation services*

Center for Scientific Research, Auroville
*Renewable energy systems (wind, solar, biomass),
Wastewater recycling and sanitation*

Design Collaborative, Puducherry
*Integrated Architecture and Engineering,
Water Supply and Drainage services*

Recognition

**Social Impact Award
2015**

Awarded by ABP News Global CSR
Excellence and Leadership

**Best Innovation in Sanitation
2017**

Awarded by
Federation of Indian Chambers of Commerce & Industry (FICCI)
and India Sanitation Coalition

**Spirit of Humanity
2018**

Awarded by the Mumbai based Americares in
the Social impact category.

**World Water Challenge
2019**

Held as part of Korea International Water Week,
CDD was shortlisted in the top 5
for our work in Mahadevapura Lake

Our Supporters



ರಾಜೀವ್ ಗಾಂಧಿ ವಸತಿ ನಿಗಮ ನಿಯಮಿತ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಒಂದು ಉದ್ಯಮ)
Rajiv Gandhi Housing Corporation Limited
(A Government of Karnataka Enterprise)



Government Bodies

- Ministry of Urban Development – Karnataka and Andhra Pradesh
- Rural Drinking Water Supply & Sanitation Dept, Karnataka
- Karnataka Industrial Area Development Board
- Town Municipal Council, Devanahalli
- Department of local self Government, Rajasthan

- State Urban Development Agency, Jharkhand
- Coimbatore Smart City Limited
- Ministry of Drinking Water & Sanitation, Govt of India
- Municipal Council Sircilla
- Delhi Development Authority
- Ladakh Autonomous Hill Development Council, Leh
- National Institute of Urban Affairs

CSR

- United Way of Bengaluru (Amazon, Ciber, Dell, Mphasis)
- Oracle
- General Electric
- The Kerala Minerals and Metals Limited

- Hansa-Flex
- Unilever
- Covestro
- Samhita Social Ventures

International Organisations

- Asian Development Bank
- EAWAG (Swiss Federal Institute of Aquatic Science and Technology)
- CAWST (Centre for Affordable Water & Sanitation Technology)
- University of Pennsylvania



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