



जल शक्ति मंत्रालय  
MINISTRY OF  
JAL SHAKTI



THE ENERGY AND  
RESOURCES INSTITUTE  
Creating Innovative Solutions for a Sustainable Future



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Amrit Mahotsav

# NMCG-TERI Centre of Excellence on Water Reuse

Organizes

## 1<sup>st</sup> Annual Meet and International Conference on Advance Circular Economy and Water Reuse

27<sup>th</sup> July 2023 | Silver Oak Hall, India Habitat Centre, Lodhi Road, New Delhi

NMCG-TERI Centre of Excellence on Water Reuse (NTCoE) <http://nmcgtericoe-wr.in> has been jointly established by the National Mission for Clean Ganga (NMCG) <https://nmcg.nic.in/> Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India and The Energy and Resources Institute (TERI), New Delhi <http://teri.in.org>. This Centre aims to bring various stakeholders to a common platform to design and foster research and innovation, including the identification of knowledge gaps and the need for new ideas, supporting targeted research, and spurring and nurturing needed innovation for low-cost, effective and integrated wastewater treatment and water reuse technologies, which could bridge the current treatment gaps, boost treatment efficiency, augment capacities

and provide safe treated water for reuse. Also, it aims to create knowledge, raise training standards, address skill gaps and align training & research with industry standards and requirements.

Coinciding with TERI's 50th Year anniversary celebrations, Environment & Waste Management Division of TERI is organizing this Conference under the aegis of the NTCoE together in collaboration of NMCG and FICCI. Through this Conference we look forward to deliberations on the current status, future need and ways to advance Circular Economy and Water Reuse and how this Centre could fulfill its Vision of contributing towards various National Missions centered around 'Water' and achieving UN SDGs, particularly SDG 6.

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# AGENDA & PROGRAM SCHEDULE

Thursday, 27th July 2023 at Silver Oak, India Habitat Centre, Lodhi Road, New Delhi.

TIME	DESCRIPTION
9:00-9:30 AM	Registration & Networking Over Tea
9:30-10:15 AM	<b>INAUGURAL SESSION</b>  <b>Welcome Address &amp; 50 Years of TERI's Legacy:</b> <b>Dr Vibha Dhawan</b> , Director General TERI & Vice-Chairman, Steering Committee of NTCoE  <b>Lighting of Lamp &amp; Namami Gange Anthem</b>  <b>Introducing NTCoE</b> <b>Dr Nupur Bahadur</b> , Founder & Head, NTCOE, Associate Director, Environment & Waste Management Division, TERI and Vice-Chairman, IWA-India  <b>Keynote Address</b> <b>Mr G Asok Kumar</b> , IAS, Director General, National Mission for Clean Ganga (NMCG), Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India and Chairman, Steering Committee of NTCoE  <b>Inaugural Address</b> <b>HE Mr Hans Jacob Frydenlund</b> , The Ambassador of Norway to India and Bhutan, The Royal Norwegian Embassy, New Delhi
10:15-10:45 AM	<b>PLENARY SESSION</b>  <b>Opening Remarks</b> <b>Ms Jyoti Vij</b> , Additional Director General, Federation of Indian Chamber of Commerce & Industries (FICCI)  <b>Special Address</b> <b>Ms Debashree Mukherjee</b> , IAS, Special Secretary & Secretary-Designate, Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Govt. of India  <b>Plenary Address</b> <b>Ms D Thara</b> , IAS, Additional Secretary & Mission Director, Atal Mission for Rejuvenation and Urban Transformation (AMRUT), Ministry of Housing & Urban Affairs, Govt. of India  <b>Vote of Thanks</b> <b>Dr Suneel Pandey</b> , Director, Environment & Waste Management Division, TERI
10:45-11:00 AM	Tea Break

TIME	DESCRIPTION
11:00-12:00 AM	<p><b>SESSION 1: POLICY FRAMEWORK</b></p> <p>This Session will deliberate on National Framework on Safe Reuse of Treated Water, State Policies in place and need for future action.</p> <p><b>Chair</b>  <b>Mr Nitin Bassi</b>, Senior Programme Lead, Sustainable Water, Council on Energy, Environment and Water (CEEW), New Delhi</p> <ul style="list-style-type: none"> <li>» <b>Mr Anand Mohan</b>, Joint Secretary (RD &amp; PP), Ministry of Jal Shakti, Govt. of India</li> <li>» <b>Mr Rajeev Saxena</b>, Joint Secretary, Ministry of Textiles, Govt. of India</li> <li>» <b>Mr Avinash Mishra</b>, Advisor, Water, Environment &amp; Land Resources, NITI Aayog</li> <li>» <b>Dr M Dhinadhayalan</b>, Adviser (PHEE), Ministry of Housing &amp; Urban Affairs, Govt. of India</li> <li>» <b>Ms Shipra Misra</b>, CEO, CKIC-DRIIV, O/o Principal Scientific Advisor to Govt. of India</li> </ul>
12:00-1:00 PM	<p><b>SESSION 2: VOICE OF INDUSTRY</b></p> <p>This session brings together Industry Leaders and Industrial Associations to discuss on how the Industry &amp; Academia could come together and how this CoE could bridge this gap and work towards raising training standards, address skill gaps and align innovation &amp; research with industry standards and requirements.</p> <p><b>Chair</b>  <b>Dr Nupur Bahadur</b>, Founder &amp; Head, NTCOE, Associate Director, Environment &amp; Waste Management Division, TERI and Vice-Chairman, IWA-India</p> <ul style="list-style-type: none"> <li>» <b>Mr Ajay Popat</b>, President, Ion Exchange (India) Ltd., Mumbai and Past Chairman, ASSOCHAM Water &amp; Sustainability Council</li> <li>» <b>Dr Ranjeet Mehta</b>, Deputy Secretary General, PHD Chamber of Commerce and Industry</li> <li>» <b>Dr Sangita Ladha</b>, Member FICCI Water Mission &amp; Agri Committee and Business Director, Rivulis Irrigation India Pvt. Ltd.</li> <li>» <b>Mr Narendra Kumar Shantilal Jain</b>, Vice President, Environment (Corporate), Jubilant Ingrevia Ltd., Noida</li> </ul>
1:00-2:00 PM	<p><b>Networking Lunch</b></p>
2:00-3:00 PM	<p><b>SESSION 3: UTILITY LEADERS FORUM</b></p> <p>This Session brings together Utility Leaders to deliberate and discuss on the best practices adopted by them in the areas of Circular Economy and Water Reuse and contributions made towards the Arth Ganga Mission. Outcomes of this session may come out as the 'Compendium of Best Case Studies'.</p> <p><b>Chair</b>  <b>Mr Rajiv Ranjan Mishra</b>, I.A.S. (Retd.), Chief Technical Advisor &amp; Chairman of Strategy &amp; Policy Unit, NIUA</p> <ul style="list-style-type: none"> <li>» <b>Ms Shalini Agarwal</b>, I.A.S, Commissioner, Surat Municipal Corporation</li> <li>» <b>Mr Ajay Gupta</b>, Member Drainage, Delhi Jal Board (DJB)</li> <li>» <b>Mr Rajiv K N</b>, Chief Engineer (Projects), Bangalore Water Supply and Sewerage Board (BWSSB)</li> <li>» <b>Mr Rajesh Bansal</b>, Chief Engineer, Gurugram Metropolitan Development Authority (GMDA)</li> <li>» Representation from Chennai Municipal Corporation (TBC)</li> </ul>

TIME	DESCRIPTION
<b>3:00-4:00 PM</b>	<p><b>SESSION 4: INTERNATIONAL COLLABORATIONS</b></p> <p>This forum will discuss on the ways on how international collaborations and multi-lateral funding support could foster research &amp; innovation and what are expectations from this CoE, in terms of knowledge creation, sharing knowledge across borders and various stakeholders.</p> <p><b>Chair</b></p> <p><b>Mr Sumouleendra Ghosh</b>, Partner &amp; Global Infrastructure Water Sector Lead at KPMG India</p> <ul style="list-style-type: none"> <li>» <b>Ms Upneet Singh</b>, co-TTL and Senior Water and Sanitation Specialist, The World Bank Group</li> <li>» <b>Mr Ashok Srivastava</b>, Senior Project Officer (Urban), Asian Development Bank, India Resident Mission, New Delhi</li> <li>» <b>Ms Beate Langset</b>, Counsellor - Climate and Environment, The Royal Norwegian Embassy, New Delhi.</li> <li>» <b>Mr Neeraj Gahlawat</b>, Water Resources Specialist, The Israel Embassy, New Delhi.</li> <li>» <b>Mr Jeyannathann Karunanithi</b>, India Regional Operations Manager at International Water Association (IWA), Chennai</li> </ul>
<b>4:00-4:15 PM</b>	<b>Tea Break</b>
<b>4:15-5:00 PM</b>	<p><b>SESSION 5: KNOWLEDGE LEADING TO PRACTICE</b></p> <p>This session aims to deliberate upon how research &amp; innovation could be taken from lab to field, pilots to commercialization and what strategies should be adopted by technology based COEs like this for faster adoption of newer technologies. Also, it will discuss on the training &amp; capacity building needs across Industry, R&amp;D and Utilities.</p> <p><b>Chair</b></p> <p><b>Prof. A K Gosain</b>, Professor Emeritus, Department of Civil Engineering, IIT Delhi</p> <ul style="list-style-type: none"> <li>» <b>Prof. Srinivas Chary Vedala</b>, CEO, WASH Innovation Hub &amp; Professor, Administrative Staff College of India (ASCI), Hyderabad</li> <li>» <b>Mr Praveen Bhargava</b>, Chairman, Perfact Group, New Delhi</li> <li>» <b>Mr S K Thakur</b>, Director (Technical), Dew Projects and Chemicals Pvt Ltd, India</li> <li>» <b>Dr Chandra Shekar Shankar</b>, CEO, Vision Earth Care, Mumbai</li> <li>» <b>Dr Indra N Mitra</b>, Director, Cambi (Europe) India</li> </ul>
<b>5:00-6:00 PM</b>	<p><b>SESSION 6: MARKET CREATION</b></p> <p>This Session aims to bring in Industry Leaders to share their best practices and deliberate upon the improvements required towards creating a Circular Economy and Water Reuse market in India.</p> <p><b>Chair</b></p> <p><b>Dr Uday Kelkar</b>, Managing Director and CEO, NJS Engineers India Private Limited, Mumbai</p> <ul style="list-style-type: none"> <li>» <b>Mr Sunil Rajan</b>, Managing Director, WOG Technologies (P) Ltd. (WOG Group of Companies), Gurugram</li> <li>» <b>Mr Masood Mallick</b>, CEO, Re Sustainability Ltd. (Formerly Ramky), Hyderabad</li> <li>» <b>Mr Lalit Bhardwaj</b>, Assistant Vice-President, MEP (Projects), DLF Limited, Gurugram</li> <li>» <b>Mr Abinash Patro</b>, South Asia Head - Strategy &amp; Marketing, Xylem India, Bengaluru</li> </ul>
	<b>Vote of Thanks &amp; End of the Conference</b>