

# WATER-TECH 2024

*"Bridging the Water Demand – Supply Gaps:  
Technology, Partnerships and Collaboration"*

**8<sup>th</sup> August 2024, India Habitat Centre, New Delhi**

Conference: Silver Oak Hall  
B2B Meetings: Jacaranda Hall

## Agenda

1000 – 1100 hrs		Inaugural Session
1000 – 1009 hrs	Opening Remarks & Context Setting	<b>Mr Indraneel Dutt</b> Chief Executive Officer Ion Exchange (India) Limited
1009 – 1018 hrs	Address	<b>Mr Sarang Lakhane</b> Executive Director Vishvaraj Environment Pvt. Ltd.
1018 – 1028 hrs	Address	<b>Ms Natasha Zangin</b> Counsellor Head of Economic and Commercial Mission Embassy of Israel – New Delhi
1028 – 1038 hrs	Address	<b>Mr Søren Nørrelund Kannik- Marquardsen</b> Minister Counsellor Regional Coordinator South Asia and Head of Trade & Commercial Affairs Embassy of Denmark – New Delhi
1038 – 1053 hrs	Special Address	<b>Mr Nalin Kumar Srivastava</b> Deputy Director General National Mission for Clean Ganga Ministry of Jal Shakti
1053 – 1100 hrs	Concluding Remarks	<b>Ms Shilpa Nischal</b> Principal Counsellor CII Water Institute
1100 – 1115 hrs		Tea & Networking

1115 – 1230 hrs	<p><b>Disruptive Technologies, Digital IoT for Water and Wastewater Management</b></p> <p>Disruptive technologies are reshaping water and wastewater management by integrating AI, IoT sensors, and data analytics. Given the wide scope, industries are increasingly embracing such technologies are real-time monitoring of water quality, infrastructure health, and consumption patterns, optimizing resource allocation and operational efficiency. This session will deliberate:</p> <ul style="list-style-type: none"> <li>• Advanced Water Treatment</li> <li>• Internet of Things (IoT) for Water Management</li> <li>• Data analytics and predictive modeling Remote monitoring and control</li> <li>• SCADA</li> <li>• Role of AI</li> <li>• Digital Twins</li> <li>• Smart Water Network</li> </ul>	
	<b>Session Moderator</b>	<p><b>Mr Sanjay Gupta</b> Senior Counsellor CII Water Institute</p>
	<ul style="list-style-type: none"> <li>• <b>Mr Vishal Mehra</b>, Strategic Business Unit Head of Water &amp; Waste Solutions Thermax Limited</li> <li>• <b>Mr Ran Kedem</b>, Chief Executive Officer, Reali Technologies Ltd – Israel</li> <li>• <b>Mr Harsha Karumanchi</b>, Founder – CEO, Kritsnam Technology</li> <li>• <b>Mr Turbaashu Bhattacharya</b>, Business Unit Head, Roserve Enviro Pvt Ltd</li> </ul>	
1230 – 1330 hrs	<p><b>Role of Technology: Global Perspective</b></p> <p>Field practices in the water sector in advanced countries have been revolutionized by advances in information technology and analytical capabilities. Therefore, prioritizing the integration of new, state-of-the- art technologies and digital solutions with a sustainability focus becomes paramount. This session will discuss:</p> <ul style="list-style-type: none"> <li>• Role of technology in improving the water trajectory</li> <li>• Deploy requisite technology to ensure catering the needs of the current generation without compromising needs of future generation</li> <li>• Scope for technological cooperation</li> </ul>	
	<b>Session Moderator</b>	<p><b>Mr Indraneel Dutt</b> Chief Executive Officer Ion Exchange (India) Limited</p>
	<ul style="list-style-type: none"> <li>• <b>Ms Revital Gesua Livnat</b>, Chief Executive Officer, Revital Water Engineering Israel</li> <li>• <b>Dr Anitha Sharma</b>, Counsellor Urban Sector Development, Royal Danish Embassy in India</li> <li>• <b>Mr Gaurav Gupta</b>, Managing Director, Desire Energy</li> <li>• <b>Mr Yarum Locker</b>, Chief Executive Officer, DataStream IoT – Israel</li> <li>• <b>Mr Abhishek Tripathi</b>, Vice President, Paques – The Netherland Company</li> </ul>	

1330 – 1415 hrs	<b>Networking Lunch</b>		
1415 – 1515 hrs	<p><b>Technology for Measuring, Monitoring &amp; Controlling Contaminants</b></p> <p>Widespread water contamination is a daunting challenge jeopardizing water security. The persistence of contaminants, and their rate of movement through the environment and hydrological cycle, can often involve long periods of impaired water resources. This necessitates strengthening scientific knowledge, adopting appropriate technological and policy approaches to monitor contaminants in water resources and wastewater. This session will discuss:</p> <ul style="list-style-type: none"> <li>• Advanced analytical techniques for monitoring of Contaminants</li> <li>• Need for Indian Standards on water quality parameters</li> <li>• Area specific action plan for dealing with the challenge of contaminants.</li> </ul>		
	<b>Session Moderators</b>	<b>Ms Shilpa Nischal</b> Principal Counsellor CII Water Institute	<b>Mr Ajay Dhyani</b> Director CII Water Institute
	<ul style="list-style-type: none"> <li>• <b>Dr N Anbananthan</b>, Executive Vice President, Ion Exchange (India) Ltd</li> <li>• <b>Mr KVSN Raju</b>, President, Elico Ltd</li> <li>• <b>Dr. Raman Sharma</b>, Principal Scientist, CSIR-NEERI</li> </ul>		
1515 – 1530 hrs	<b>Tea &amp; Networking</b>		
1530 – 1630 hrs	<p><b>Water Energy Nexus: Water Use Efficiency in the Irrigation Sector</b></p> <p>Water and energy are closely intertwined in the agricultural sector. Thus, decisions affecting one resource can have significant impacts on the other. A sustainable, holistic and integrated approach is critical for ensuring water &amp; energy security. This session will deliberate:</p> <ul style="list-style-type: none"> <li>• How to improve the Water Use Efficiency in Irrigation Sector to improve the water balance in the ecosystems</li> <li>• Optimizing water use and increasing the cultivated area by pressurized Irrigation system.</li> <li>• Use of modern and advanced technologies in the Irrigation sector to improve Water Use Efficiency.</li> <li>• Prioritize resilience against water and energy supply disruptions by diversifying sources and improving infrastructure reliability.</li> </ul>		
	<b>Welcome and Theme Introduction</b>	<b>Mr Avinash Mishra</b> Former Advisor Niti Aayog	

**Focus Country – Israel:  
B2B Meetings (1330 – 1730 hrs.) Jacaranda Hall**

	<b>Keynote Address</b>	<b>Mr Yugal Kishore Joshi</b> Programme Director, Water & Land Resources and DW&S, NITI Aayog, Government of India	
	<b>Moderator</b>	<b>Mr Atindra Narayan Dey</b> Associate Vice President – Technical Services – Electrosteel Castings Limited	
		<ul style="list-style-type: none"> <li>• <b>Er. Avinash V. Surve</b>, Former Secretary WRD, Government of Maharashtra, Chairman, Governing Council, Engineering Staff College of India, Hyderabad</li> <li>• <b>Er. Nanda Kumar Mohapatra</b>, Former Chief Engineer, Minor Irrigation &amp; Chief Engineer, Mega Lift Project, Government of Odisha &amp; Ex-Chief Proof Consultant, WAPCOS, India</li> <li>• <b>Dr Fawzia Tarannum</b>, Water and Sustainability Consultant, Advisor- Cane Excellence Program, Zuari Industries Limited</li> </ul>	
<b>1630 – 1800 hrs</b>	<b>Good Practices in Water &amp; Wastewater Management</b>		<b>Focus Country – Israel: B2B Meetings (1330 – 1730 hrs.) Jacaranda Hall</b>
	<p>Water Management strategies where nothing goes to waste emphasize unlocking opportunities for sustainable resource recovery, by exploring the concept of waste to wealth is gaining momentum. This session will discuss:</p> <ul style="list-style-type: none"> <li>• Innovative approaches, technologies unlocking the value in water &amp; wastewater management</li> <li>• Circular economy</li> <li>• Business model - by-product recovery</li> <li>• Industrial symbiosis</li> </ul>		
	<b>Session Moderator</b>	<b>Mr Deepak Kumar Arora</b> President - Public Affairs Nayara Energy Ltd	
		<ul style="list-style-type: none"> <li>• <b>Dr Sanjay P. Gandhi</b>, Assistant Vice President, EHSF &amp; Legal - Gujarat Fluorochemicals Ltd</li> <li>• <b>Mr Nikhilesh Kumar</b>, CEO &amp; Co-founder – Vassar Labs</li> <li>• <b>Mr Vishal Kanchan</b>, Ion Exchange (India) Ltd</li> <li>• <b>Ms Shefali Nanda</b>, Executive Director, JS Water Energy Life</li> <li>• <b>Mr Nikhil Jain</b>, Sanicon Sustainability Solution Pvt Ltd</li> <li>• <b>Mr Kandarp Kishore Shivpuri</b>, Counsellor, CII – Water Institute</li> </ul>	

<b>1800 Hrs</b>	<b>Cocktail &amp; Snacks</b>
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