



Confederation of Indian Industry



CII-TRIVENI  
WATER INSTITUTE

# 3<sup>rd</sup> WATER Innovation Summit 2017

*Economic Growth & Human Development in the Context of Water Scarcity*

&

## National Awards for Excellence in Water Management

4 & 5 September 2017, Hotel Lalit , New Delhi





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## Innovation Summit 2017

*Economic Growth & Human Development in the Context of Water Scarcity*

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### Background

Water is a prime natural resource, a basic human need and a precious asset in the absence of which no socio – economic development activity can be sustained. Water is inextricably linked with every facet of human development and its unavailability, deterioration in quality and neglect drastically impedes the quality of human life.

India is poised to grow by 7.1 - 7.2% in 2016-17 and is expected to accelerate in a couple of years. To sustain the growth momentum, India needs to ensure integration of the development plans and ensure water security.

Climate variability is increasingly being seen as a serious environmental challenge, with implications for environment and livelihoods. It is creating uncertainties with regard to available natural resources particularly due to increasing resource demands with rapid urbanization and industrialization which would impact Economic growth & Human development.

The UN estimates that, by 2025, forty-eight nations, with combined population of 2.8 billion, will face freshwater stress. Drivers such as demographic and climate changes would further increase the stress on water resources.

It is imperative to ensure that adequate supplies of water of good quality are maintained, for the entire population of this planet, while preserving the hydrologic, biological and chemical functions of the ecosystems, adapting human activities within the capacity limits of nature and combating vectors of water related diseases.

It is essential that the all users of water, domestic, agriculture and industry take integrated measures that would help improve water management to ensure sustainability of their respective sectors. It is imperative that water efficient strategies are taken by all stakeholders to ensure Economic Growth and Water Security of the Country.

## Facts that call for Urgent Measures

- ➔ Major part of the country receives nearly all its rainfall for a time less than 10% of the year.
- ➔ More than 80 percent of river basins are facing water stress and scarcity on an overall basis. The micro level analysis further reveals hugely growing demand supply gaps.
- ➔ Groundwater quality is rapidly deteriorating with emerging geo-contaminants, like arsenic, uranium, fluoride and iron, visible more than ever before.
- ➔ About 50% of riverine length shows high pollution measured in terms of BOD alone (just one measure of organic pollution!).
- ➔ Over 20% of transmissible diseases in India are related to contaminated water.

## Objective

The 3rd Water Innovation Summit would bring together all Stakeholders to focus on Economic Growth and Human Development in the context of Water Scarcity and the deliberations would seek to identify

- Panel Discussion on Developing Water Infrastructure for economic prosperity of the country
- Smart Water Management: A Key Building Block of the Smart City of the future

The Summit will also showcase the CII- National Awards for Excellence in Water Management – the 11<sup>th</sup> edition – to celebrate and reward outstanding innovation and top-class performance in the Indian Industry. The Awards recognize promising water conservation and management practices undertaken by industries from varied sectors.





It would be a two day programme, where the first day would witness Case study presentations by the companies that have been shortlisted through the evaluation process for the Awards. The Second day would witness the presentation of the CII- National Awards for Excellence in Water Management and also include plenaries where stakeholders would deliberate on practical water management solutions for addressing the challenges to sustain economic growth.



## Key Take Aways

- 💧 Identification of innovation and workable Public-Private Partnership models for addressing the mammoth infrastructure needs of our Urban centres.
- 💧 Sharing of good practices and best available technologies for efficient water resource usage (National and International case studies)
- 💧 Unique knowledge exchange platform to explore strategies for improving water use efficiency and safeguarding ecosystems.
- 💧 Policy perspective linking water and ecosystem for water security

## Plenaries of Day 1 & Day 2

-  Showcasing of Best & Innovative Practices in Water Management
-  Plenary I: Discussion on Developing Water Infrastructure for economic prosperity of the country
-  Plenary II: Smart Water Management: A Key Building Block of the Smart City of the future
-  Plenary III : Special Plenary for National Awards for Excellence in Water Management

## Who Should Attend

-  Representatives from industries from various sectors
-  Officials from Ministry of Water Resources, Ministry of Environment & Forests, Ministry of Urban Development
-  Officials from Municipal Authorities, Jal Boards, Pollution Control Boards, Public Health and Works Department, Government agencies
-  Technocrats, Diplomats, Advisors and Policy Makers
-  Scientists & Researchers
-  Representatives from manufacturers of Water related devices and System Integrators
-  Architects / contractors / Engineers / developers / manufacturers

## Delegate Fee

| Category   | Delegate Fee (in ₹)  |
|------------|----------------------|
| CII Member | 4,000/- per delegate |
| Non Member | 4,500/- per delegate |

(Exclusive of Service Tax)



## Sponsorship Opportunities

| Sponsorship Type | Amount (₹) |
|------------------|------------|
| Platinum Sponsor | 15 Lakhs   |
| Gold Sponsor     | 12 Lakhs   |
| Silver Sponsor   | 9 Lakhs    |
| Co-sponsor       | 7.5 Lakhs  |
| Lunch Sponsor    | 5 Lakhs    |
| Document Sponsor | 3 Lakhs    |
| Badge Sponsor    | 2 Lakhs    |

# Retrospect



"River Ganga would be one of the Clean River systems of the world by October 2018 - Hon'ble Union Minister **Sushri Uma Bharti**, Ministry of Water Resources, RD & GR



"Water risks should be addressed through innovative strategies to ensure sustainable growth. An integrated river basin and watershed approach for water resource management is necessary" - **Mr Dhruv M Sawhney**, Chairman, CII – Triveni Water Institute, Past President, CII & Chairman & Managing Director, Triveni Engineering Industries Ltd



Ensure quantification of results through proper measurement in order to manage the scarce water resources effectively - **Dr Amarjit Singh**, Secretary, Ministry of Water Resources, River Development & Ganga Rejuvenation



"Shared vision between India and Bangladesh a must for ensuring regional prosperity" - **Mr Anisul Islam Mahmud**, Minister for Water Resources, People's Republic of Bangladesh



"There should be a sustainable water infrastructure to ensure 24X7 water supply" - **Mr N K Ranganath**, Co-Chairman, CII National Committee on Water & MD, Grundfos Ltd



"It is not only important to 'Make India water secure' but also 'Keep India Water Secure' Reliable access to water with 24 x 7 water supply must be ensured" - **Mr Onno Ruhl**, Country Director, The World Bank



With water becoming scarce overtime, a smart city requires solutions to face the challenges of urbanisation , policy, structural aspects, suitable technology options along with a need for a strong focus on shared water resources. - **Mr Ravi Parthasarathy**, Chairman, CII Mission on Smart Cities & Chairman, IL & FS Ltd.



In the next ten years the challenges with regard to water availability will get intensified hence, industry needs to act today. There is a need to look at integrated solutions, both inside and outside the fence to ensure sustainability - **Mr Sanjay Singh**, Chief Executive Officer, ITC Paper boards and Speciality Paper Division



" I want to congratulate the CII –Triveni Water Institute for assembling such remarkable dignitaries to talk about Economic Growth and Human Development and its crucial link with water " - **Mr Arun Maira**, Former Member, Planning Commission, Government of India



"Glad to be associated with CII –Triveni water institute as water is one of the most important sustainable development challenges that India faces " - **Mr Nitin Desai**, Chairman, Institute of Economic Growth & Former under Secretary General of the United Nations





## Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering industry, Government, and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, playing a proactive role in India's development process. Founded in 1895, India's premier business association has over 8000 members, from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 200,000 enterprises from around 240 national and regional sectoral industry bodies.

CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, healthcare, education, livelihood, diversity management, skill development, empowerment of women, and water, to name a few.

The CII theme for 2016-17, **Building National Competitiveness**, emphasizes Industry's role in partnering Government to accelerate competitiveness across sectors, with sustained global competitiveness as the goal. The focus is on six key enablers: Human Development; Corporate Integrity and Good Citizenship; Ease of Doing Business; Innovation and Technical Capability; Sustainability; and Integration with the World.

With 66 offices, including 9 Centres of Excellence, in India, and 9 overseas offices in Australia, Bahrain, China, Egypt, France, Germany, Singapore, UK, and USA, as well as institutional partnerships with 320 counterpart organizations in 106 countries, CII serves as a reference point for Indian industry and the international business community.



One among CII's 9 acclaimed Centers of Excellence, CII-Triveni Water Institute, (CII-TWI), is a unique institution established in 2008, where government, industry and civil society have partnered to address water related issues in a holistic manner. Headquartered in Gurgaon, National Capital Region, CII-TWI operates from several satellite locations across the country that includes Jaipur and Bangalore.

The vision of the Institute is to facilitate India to make substantial progress towards achieving water security by 2022. The Institute is unique as it brings together Government, Industry and Community to work towards a common vision. The core purpose of CII-TWI is to transform water conservation and management in India by changing the mind-set and behaviour of stakeholders resulting in more effective and sustainable water management practices at the grassroots level.

CII-TWI has a holistic and integrated approach to water security. The Institute's initial focus has been on closing the gap between demand and supply by addressing issues related to water conservation, water efficiency and waste water management. It aims to ensure availability and equitable distribution of limited fresh water resources to secure growth, and integrated development for future generations.

## Contact us

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