

5th India Water Impact Summit IWIS 2020

Valuing Water | Transforming Ganga
10-15 December 2020 | Virtual Mode

Comprehensive Analysis and Holistic Management of Local Rivers and Waterbodies

“Arth Ganga: River Conservation Synchronised Development”

स्थानीय नदियों और जल निकायों का
व्यापक विश्लेषण एवं समग्र प्रबंधन

“अर्थ गंगा : नदी संरक्षण समन्वित विकास”

Lead Organisers



सत्यमेव जयते

Government Of India



cGanga

Centre for Ganga River Basin Management and Studies
Indian Institute of Technology Kanpur



NMCG

National Mission for Clean Ganga
Ministry of Jal Shakti, Government of India

THE EVENT IS STRICTLY BY INVITATION ONLY

Please note that this is a non-profit activity. All net proceeds will go towards funding research for conserving rivers and other waterbodies

Comprehensive Analysis and Holistic Management of Local Rivers and Waterbodies

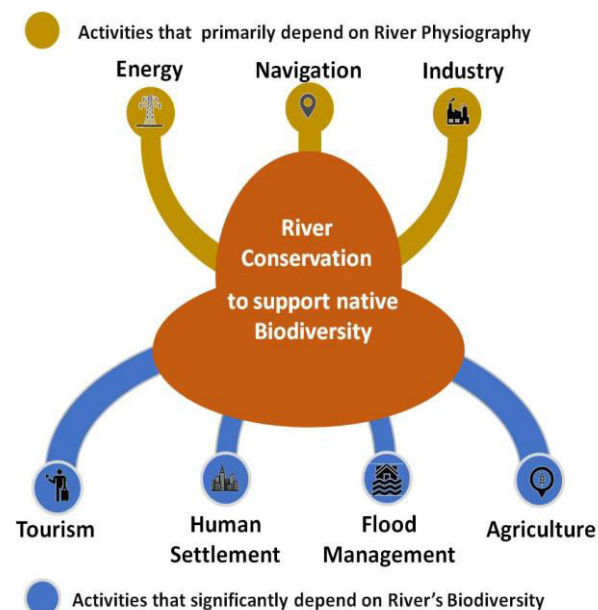
“Arth Ganga: River Conservation Synchronised Development”

This year’s Summit is based on the concept of “Arth Ganga” invoked by the Hon’ble Prime Minister of India in the First Meeting of the National Ganga Council held in Kanpur in December 14, 2019. In Sanskrit and other Indian languages “Arth” denotes *meaning* or *value*. Though in general *Ganga* refers to the *River Ganga and her basin*, in Indian culture Ganga is symbolic of all rivers and hence all rivers are given same respect as river Ganga. “Arth Ganga” is, therefore, essentially the *Meaning* or *Value* of *River Ganga* or *any other river*. Now, if there be multiple *meanings* or *values* of anything, the “*total meaning*” or “*total value*” of the same must be considered to grasp the object in its entirety. Thus, “*Arth Ganga*” is the *total value of River Ganga* or *any other river*, that is the sum total of the river’s *tangible* or *economic values* (which comprise of the goods and services provided by the river, such as water, sediment, nutrients, biodiversity, flood drainage, navigation, etc.) and *intangible values* (which are the river’s physically unquantifiable attributes such as its aesthetic, mystical, spiritual, and other timeless qualities). These tangible and intangible values together comprise the absolute value of the river, which is also its absolute meaning – Arth Ganga.

Pursuant to the above, Ganga River is much more than the bio-physical extent of over 2,500 km of the main-stem river course, or over 1 million sq km of basin area, and represents the culture of rivers in Indian ethos and civilization. In physical form the river system has thousands of interconnected waterbodies including small drains, that become rivulets, which join to become higher order rivers, eventually merging with the main-stem of the Ganga river. The total Ganga River is therefore the entire network of small and large rivers that constitute the Ganga. Hence, the river conservation objective cannot be achieved by considering only the main-stem but will have to go down to the origin of all contributing lower order rivers. Therefore, in order to implement Arth Ganga successfully it is essential to take a bottom-up approach and integrate with the top-down policy framework. This Summit will present the pathway for this integration to be achieved.

Since developmental imperatives have often been pitted against environmental concerns, and river conservation efforts have also faced this dilemma, it is important to resolve this dichotomy by embedding “Arth Ganga” in India’s developmental narrative. Thus, the present Summit is aimed at discussing and disseminating the need for and modalities of embracing “Arth Ganga” in sectors that closely interweave with river conservation.

Economic & Biodiversity Potential



The Concept of “Arth Ganga” as Rooted in
River Conservation that Supports Native Biodiversity

Each riverine ecosystem has a biodiversity potential which contributes to the aggregate value of the ecosystem services. The economic potential of the system is the total value that can be extracted from it before the ecological system collapses. The total economic potential in most cases will be greater than just the biodiversity potential. However, the economic potential can only be harnessed to its optimum value by striking an ecological balance. Thus, the extent of economic value extraction must be governed by sustainable development policy. This framework gives us the tangible and formulaic tool to channel all development activities. In the case of Ganga River Basin (and for that matter for all river basins), the River Conservation and Biodiversity aspects of the whole river system must lie at the core of all developmental activities. The adjoining illustration depicts developmental and conservation aspirations of the Ganga river system. This is believed to become a model code of development not just for other river systems in India but also of river systems around the world.

The Summit

The National Mission for Clean Ganga (NMCG) and the Centre for Ganga River Basin Management and Studies (cGanga) are pleased to organise the 5th India Water Impact Summit during 10-15 December 2020. Due to current pandemic situation the Summit will be held in virtual mode.



[Professor Vinod Tare, Founding Head, cGanga, Shri S K Ratho, DDG, NMCG, Shri Rajiv Ranjan Mishra, DG, NMCG, Shri Gajendra Singh Shekhawat, Hon. Minister of Jal Shakti and Shri UP Singh, Secretary, Ministry of Jal Shakti inaugurating the Summit]

This year, the Summit will give an insight into the complexities and peculiarities of managing local rivers and water bodies with a larger vision of development that is synchronised with river conservation. The developmental approach in most significant sectors that are interwoven with river conservation measures, namely human settlements (urban and rural), energy and tourism, agriculture,

navigation and flood management, is proposed to be reviewed in the context of the select Ganga Basin states, namely Delhi, Uttarakhand, Uttar Pradesh and Bihar that are struggling with the challenges of development vis-à-vis conservation of rivers.

The Summit will give an insight into the speciality of each State in the river basin, as well as provide insights into the efforts put in by the government, international agencies and other parties in restoration and conservation of rivers.

The Summit, like the 3rd and the 4th IWIS, will also host the “Finance Forum”, a special track that will bring together global financial institutions and investors interested in river restoration and conservation programme (Namami Gange).

The 2020 Summit, like earlier Summits, will also provide an opportunity to dozens of technology and innovation companies from around the world that are keen to bring their solutions to address various issues and concerns pertinent in the river basin. The Technology Showcase will run throughout the Summit.

cGanga declared the formation of a number of task forces which were announced in 2017. The task forces are comprised of subject matter experts from around the world who provide their knowledge and expertise through specific working groups. A number of working groups will meet in parallel to further the planned objectives.

The 2020 India Water Impact Summit is organised along with many other organisations that will provide the much needed impetus for developing water and environment infrastructure along the Ganga and other water bodies in India.

Summit Highlights

1. Spotlight on States – Since the 3rd IWIS attempts are being made to bring the Ganga States to the common platform to showcase the collective efforts of national and international stakeholders.
2. A platform to bring all stakeholders together to discuss, debate and develop model solutions for some of the biggest water related problems in India.
3. The Summit will showcase new technological innovations, research, policy frameworks and investment models from around the world and from within India.
4. Multi-country dialogue to strengthen India’s international collaborations in the Water sector.
5. Platform for civil society and faith leaders to engage with scientific, engineering, industry, finance and Government representatives.
6. A number of parallel tracks to discuss over 25 topics in depth:

- Science and Research
- Engineering and Operations
- Technology, Innovation, Skills & Entrepreneurship
- Policy, Law and Governance
- Finance and Investments



India Water Impact Summit 2019 – Glimpses

Summit at a Glance

Summit Plenaries	Special Sessions – Spotlight on States
<p>Session P1 – Inaugural Session: “Comprehensive Analysis and Holistic Management of Local Rivers and Waterbodies” with focus on “Arth Ganga: River Conservation Synchronised Development”</p> <ul style="list-style-type: none"> ➤ Special Announcements ➤ Launch of Projects ➤ Release of Reports <p>Session P2 – “River Conservation Synchronised Human Settlement” <i>organised jointly with Delhi Government.</i></p>	<p>Session P3 – “River Conservation Synchronised Energy and Tourism” <i>organised jointly with Uttarakhand Government.</i></p> <p>Session P4 – “River Conservation Synchronised Agriculture” <i>organised jointly with Uttar Pradesh Government.</i></p> <p>Session P5 – “River Conservation Synchronised Navigation and Flood Management” <i>organised jointly with Bihar Government.</i></p> <p>Session P6 – Valedictory Session</p>

TRACK A Science, Technology & Policy	TRACK B Finance and Economics	TRACK C Technology & Innovation
<p>Session A1 – Arth Ganga: River Conservation Synchronised Development</p> <p>Session A2 – River Conservation Synchronised Human Settlement</p> <p>Session A3 – River Conservation Synchronised Energy and Tourism</p> <p>Session A4 – River Conservation Synchronised Agriculture</p> <p>Session A5 – River Conservation Synchronised Navigation and Flood Management</p>	<p>Session B1 – Models to Finance Circular Economy</p> <p>Session B 2 – Strengthening HAM Model and PPP Framework</p> <p>Session B3 – Financing Technology Commercialisation</p> <p>Session B4 – Capital Markets for Water Financing</p> <p>Session B5 – Innovative Financial and Guarantee Instruments</p>	<p>Session C1 – C7: Technology & Innovation</p> <ul style="list-style-type: none"> - Digital Water - Data and Information - Decentralised Wastewater treatment - Sustainable Agriculture - Sustainable Hydropower - Energy from Waste - Inland-water Navigation Systems

TRACK D International Partnerships
<p>Session D1 – UK “Financing global water security and journey to COP-26”</p> <p>Session D2 – USA “Digital Water”</p> <p>Session D3 – Norway “Harnessing the riverine circular economy potential”</p> <p>Session D4 – Europe “Water-Energy-Land nexus and high impact projects”</p> <p>Session D5 – Lower Mekong Nations “Partnership of civilisational river economies for water security and shared prosperity”</p>

Summit Timetable

Sessions	Day 1 Thursday December 10	Day 2 Friday December 11	Day 3 Saturday December 12	Day 4: Sunday; December 13	Day 5 Monday December 14	Day 6 Tuesday December 15
Track A: Science, Technology & Policy 10:00–11:45 hrs	Arth Ganga: River Conservation Synchronised Development	River Conservation Synchronised Human Settlement	River Conservation Synchronised Energy and Tourism		River Conservation Synchronised Agriculture	River Conservation Synchronised Inland-water Navigation and Flood Management
Plenary & Special Sessions 12:00–13:30 hrs	Inaugural Session Chief Guest: PM of India (TBC) - Launch of Projects - Release of Reports - Announcements	River Conservation Synchronised Human Settlement Chief Guest: CM, Delhi (TBC)	River Conservation Synchronised Energy and Tourism Chief Guest: CM, Uttarakhand (TBC)		River Conservation Synchronised Agriculture Chief Guest: CM, UP (TBC)	River Conservation Synchronised Inland-water Navigation and Flood Management Chief Guest: CM, Bihar (TBC)
Track C: Technology & Innovation 14:00–16:00 hrs	Session C1-C5: Technology & Innovation - Digital Water - Data and Information - Decentralised Wastewater treatment - Sustainable Agriculture - Sustainable Hydropower - Energy from Waste - Inland-water Navigation Systems					
Track B: Finance and Economics 16:00–17:45 hrs	Models to Finance Circular Economy	Strengthening HAM Model and PPP Framework	Financing Technology Commercialisation		Capital Markets for Water Financing	Innovative Financial and Guarantee Instruments
Track D: International Partnerships 18:00–18:45 hrs	UK “Financing global water security and journey to COP-26” Time in UK: 12:30-13:15 hrs	USA* “Digital Water” Time in USA: 08:00-08:45 hrs (East Coast) 13:00-13:45 hrs (West Coast)	Norway “Harnessing the riverine circular economy potential” Time in Norway: 13:30-14:15 hrs		European Union Countries “Water-Energy-Land nexus and high impact projects” Time in Europe: 13:30-14:15 hrs	Lower Mekong Nations “Partnership of civilisational river economies for water security and shared prosperity” Time in Myanmar: 19:00-19:45 hrs Laos: 19:30-20:15 hrs Cambodia: 19:30-20:15 hrs Thailand: 19:30-20:15 hrs Vietnam: 19:30-20:15 hrs
Additional Sessions		Technology Showcase North America 19:00-21:00 hrs	Technology Showcase North America 19:00-21:00 hrs			Valedictory Session 18:00 – 19:00 hrs

Notes

- Due to time-zone difference the track D (USA Session) will run later in the evening from 18:30-19:15 hrs (IST).
- The Plenary and policy tracks are kept before lunch as most of the participation in those is going to be from within India.
- Technology track is kept from 18:00 – 18:45 hrs (IST) as most of the participation will be from Europe where the time will be 09:30 hrs onwards. The Eastern nations like Singapore, Japan and Australia can also be accommodated.
- Two additional technology showcase sessions are organised to accommodate companies from USA and Canada.
- In international partnerships Ministers from India and other countries will also participate.

Session Details

1. Plenary Sessions

All Plenary sessions shall have participation from very high level national and international representatives

Session P1 Day 1: Thursday, December 10, 2020 12:00 – 13:30 hrs	Inaugural Session: “Comprehensive Analysis and Holistic Management of Local Rivers and Waterbodies” with focus on “Arth Ganga: River Conservation Synchronised Development” The widely perceived dichotomy between river conservation and various developmental thrusts in India need to be resolved to ensure steady and consolidated progress in all spheres of our national life. Can this goal be achieved by embedding Arth Ganga in India’s developmental policies and programmes? And how can this approach be infused from Local and State levels upwards for lasting progress?
Session P2 Day 2: Friday, December 11, 2020 12:00 – 13:30 hrs	River Conservation Synchronised Human Settlement The perceived dichotomy between river conservation and human settlement in India needs to be resolved to ensure steady and consolidated progress in all spheres of our national life. This approach needs to be adopted from Local and State levels upwards for lasting progress. What are the views of concerned governments and political leadership at State Level on this?
Session P3 Day 3: Saturday, December 12, 2020 12:00 – 13:30 hrs	River Conservation Synchronised Energy and Tourism The perceived dichotomy between river conservation and energy (power) generation as well as tourism development in India needs to be resolved to ensure steady and consolidated progress in all spheres of our national life. This approach needs to be adopted from Local and State levels upwards for lasting progress. What are the views of concerned governments and political leadership at State Level on this?
Session P4 Day 5: Monday, December 14, 2020 12:00 – 13:30 hrs	River Conservation Synchronised Agriculture The perceived dichotomy between river conservation and agricultural development in India needs to be resolved to ensure steady and consolidated progress in all spheres of our national life. This approach needs to be adopted from Local and State levels upwards for lasting progress. What are the views of concerned governments and political leadership at State Level on this?
Session P5 Day 6: Tuesday, December 15, 2020 12:00 – 13:30 hrs	River Conservation Synchronised Navigation and Flood Management The perceived dichotomy between river conservation and inland waterway (navigation) development as well as flood management in India needs to be resolved to ensure steady and consolidated progress in all spheres of our national life. This approach needs to be adopted from Local and State levels upwards for lasting progress. What are the views of concerned governments and political leadership at State Level on this?
Session P6 Day 6: Tuesday, December 15, 2020 18:00 - 19:00 hrs	Valedictory Session <ul style="list-style-type: none"> ○ Brief Summary of Sessions ○ Special addresses from dignitaries

Participation

Indian Government and State Governments

(Confirmations are being received and will be announced by the end of November 2020)

- Ministry of Jal Shakti
- National Mission for Clean Ganga
- cGanga/IIT Consortium
- Ministry of Environment, Forest and Climate Change
- State Government Representations Various Municipal Commissioners
- Various Subject Matter Experts

International

- A number of country delegations and international experts
(Confirmations are being received and will be announced by the end of November 2020)

2. Thematic Sessions

The format of the thematic sessions shall include presentation of 3-4 specialist papers on the topic followed by an in-depth discussion between presenters, experts and task force representatives participating in the session. The session chairs are required to summarise the deliberations and present in the plenary session on the final day.

TRACK A – SCIENCE, TECHNOLOGY & POLICY

<p>Session A1 Day 1: Thursday, December 10, 2020 10:00 – 11:45 hrs</p>	<p>Arth Ganga: River Conservation Synchronised Development The apparent dichotomy between river conservation and various developmental thrusts in India can be resolved by embedding Arth Ganga in India’s developmental policies and programmes. For this we need to frame the modalities of interweaving River Conservation (or Arth Ganga) with major developmental sectors.</p> <ul style="list-style-type: none"> • Identifying important sectors with close linkages to river conservation. • Identifying alternative developmental options and their linkages to river conservation. • Identifying policies and measures to integrate development with river conservation.
<p>Session A2 Day 2: Friday, December 11, 2020 10:00 – 11:45 hrs</p>	<p>River Conservation Synchronised Human Settlement The apparent dichotomy between river conservation and human settlement in India can be resolved by embedding Arth Ganga in the urban and rural development policies and programmes of Central, State and Local Governments. For this we need to frame the modalities of interweaving River Conservation with urban and rural Development.</p> <ul style="list-style-type: none"> • What have been the developmental trends and how have they faltered in coordinated management of rivers and waterbodies with human habitats? • Identifying alternative developmental options and their linkages to river conservation. • Identifying policies and measures to integrate urban and rural development with whole river system.
<p>Session A3 Day 3: Saturday, December 12, 2020 10:00 – 11:45 hrs</p>	<p>River Conservation Synchronised Energy and Tourism The apparent dichotomy between River Conservation and Energy Generation as also with Tourism Development in India can be resolved by embedding Arth Ganga in the urban development policies and programmes of Central, State and Local Governments. For this we need to frame the modalities of interweaving River Conservation with the Energy and Tourism sectors</p> <ul style="list-style-type: none"> • What have been the developmental trends and how have they faltered in coordinated management of rivers and waterbodies with energy and tourism development? • Identifying alternative developmental options and their linkages to river conservation. • Identifying policies and measures to integrate energy and tourism development with river conservation.
<p>Session A4 Day 5: Monday, December 14, 2020 10:00 – 11:45 hrs</p>	<p>River Conservation Synchronised Agriculture The apparent dichotomy between river conservation and agricultural development in India can be resolved by embedding Arth Ganga in the agriculture development policies and programmes of Central, State and Local Governments. For this we need to frame the modalities of interweaving River Conservation with Agricultural Development.</p> <ul style="list-style-type: none"> • What have been the developmental trends and how have they faltered in coordinated management of rivers and waterbodies with agricultural? • Identifying alternative developmental options and their linkages to river conservation. • Identifying policies and measures to integrate agricultural development with river conservation.
<p>Session A5 Day 6: Tuesday, December 15, 2020 10:00 – 11:45 hrs</p>	<p>River Conservation Synchronised Inland-water Navigation and Flood Management The apparent dichotomy between river conservation and commercial inland-water navigation as well as with flood management in India can be resolved by embedding Arth Ganga in the inland-water navigation and flood management policies and programmes of Central, State and Local Governments. For this we need to frame the modalities of interweaving River Conservation with Inland-water Navigation and Flood Management initiatives.</p> <ul style="list-style-type: none"> • What have been the developmental trends and how have they faltered in coordinated management of rivers and waterbodies with inland waterways and flood management? • Identifying alternative developmental options and their linkages to river conservation. • Identifying policies and measures to integrate inland-water navigation development and flood management with river conservation.

TRACK B – FINANCE AND ECONOMICS

<p>Session B1 Day 1: Thursday, December 10, 2020 16:00 – 17:45 hrs</p>	<p>Models to Finance Circular Economy Financing of circular economy requires policy support, new economic models and supporting financial instruments. The session will put forth specific case-studies and organise detailed discussions around them. Case Studies include implementation of circular economy models around:</p> <ul style="list-style-type: none"> • Sludge management • Plastics waste • Wastewater <p>And select other waste streams.</p>
<p>Session B2 Day 2: Friday, December 11, 2020 16:00 – 17:45 hrs</p>	<p>Strengthening HAM Model and PPP Framework The hybrid annuity model (HAM) has gotten off to a robust start, but growing the market would require additional capital base. The session will focus on discussions around what components need strengthening in the HAM and PPP models to enable acceleration of projects in the wastewater sector. The session will also explore the asset valuation and utility pricing of water. The topics of discussion shall be:</p> <ul style="list-style-type: none"> • Sewage treatment plants • Effluent treatment plants • Infrastructure network for water and sewage, drains and small river rejuvenation • Assessing the true cost of water and developing a taxonomy around it • Implementing digital systems to assess water asset base of a State • Bringing water as an asset onto the municipal balance sheet • How to implement a fair and transparent pricing mechanism
<p>Session B3 Day 3: Saturday, December 12, 2020 16:00 – 17:45 hrs</p>	<p>Financing Technology Commercialisation Getting technology from lab to commercial environment requires crossing the biggest chasm – commonly referred to as the “valley of death” in the technology world. This problem is even more acute in the infra-tech sector where the capital spends are larger than digital/software world. R&D grants/funds do not fund this phase since technology is beyond the research phase, and commercial investors do not fund this phase since technology has not been commercially proven as yet. Creating financing structures and solutions for this phase will have the greatest impact to make the world a more sustainable place. The topics of discussion will be:</p> <ul style="list-style-type: none"> • Blended finance structures for technology commercialisation • Specialist impact fund structures • Building global consortium and alliances to support technology transfer
<p>Session B4 Day 5: Monday, December 14, 2020 16:00 – 17:45 hrs</p>	<p>Capital Markets for Water Financing India needs billions of dollars to finance the water infrastructure. Global investors at the moment are hunting for greater yield, which many of the underlying assets can provide particularly since they score very highly on the ESG framework. Capital markets offer the right platform for channelling investments and finance into the underlying projects. The topics of discussion shall be:</p> <ul style="list-style-type: none"> • Government and private sector bond issuances can offer long term sustainable green project finance • YieldCos + InvITs are a powerful pair to create liquidity for asset developers and managers • Tokenisation and listing on capital markets for SME financing
<p>Session B5 Day 6: Tuesday, December 15, 2020 16:00 – 17:45 hrs</p>	<p>Innovative Financial and Guarantee Instruments To unlock the liquidity from capital markets, the investors into projects during the development and construction phase need adequate security cover and financial guarantees. There are a number of such alternative instruments which when brought in can truly accelerate project finance. The topics of discussion shall be:</p> <ul style="list-style-type: none"> • Construction guarantee instruments • Insurance wrappers • Credit enhancement instruments First-loss instruments

TRACK C – TECHNOLOGY&INNOVATION

Session C1 to C5
Day 1 through Day 6
14:00 – 16:00 hrs

This track will give opportunities to companies from around the world to showcase their cutting-edge technologies and innovations that have the potential of making a significant positive impact in the river basin. The 2020 Summit will focus on technologies in three areas:

Session C6 to C7
Day 2 & Day 3
19:00 – 21:00 hrs

- Decentralised wastewater treatment (low energy footprint nature based to high energy compact highly electro-mechanical systems)
- Data, Information and Analytics
- Other important services – solid waste management, hydropower, sustainable agriculture, etc.

TRACK D – INTERNATIONAL PARTNERSHIP

Session D1
Day 1: Thursday,
December 10, 2020
18:00 – 18:45 hrs

UK
Recently cGanga signed a MOU with British Water to create a bridge for UK industry to pair up with its Indian counterparts to build 21st century infrastructure in water and environment sector. UK is also becoming a major partner to help India tap into global capital base to finance its green growth agenda. The session will put a spotlight on how the partnership is being put into action.

Session D2
Day 2: Friday,
December 11, 2020
18:30 – 19:15 hrs

USA
From artificial intelligence to state-of-the-art infrastructure development approaches, US companies are aiming to partner with their Indian peers to accelerate innovative technologies and solutions into the Indian market. The session will highlight various initiatives and partnerships that have been formed or are forming.

Session D3
Day 3: Saturday,
December 12, 2020
18:00 – 18:45 hrs

Norway
Norway will be a key partner to India's growth particularly bringing in the circular economy principles. As a world leader in energy systems, Norway can help India usher in advanced energy and resource recovery solutions and commercial models into India. A crucial alliance has already formed with Norway on how India will manage sludge from its wastewater treatment plants and many others are in play.

Session D4
Day 5: Monday,
December 14, 2020
18:00 – 18:45 hrs

Europe
From developing hydrogen from waste to satellite remote sensing, European companies are already partnered with India in its sustainable development agenda. Nations from across Europe will present new innovations and discuss with Indian counterparts approaches to partner up and develop impact projects particularly at the intersection of energy, water and land.

Session D5
Day 6: Tuesday,
December 15, 2020
18:00 – 18:45 hrs

Lower Mekong Nations
The Ganga Mekong partnership has already established a base for India's support for the growth of Lower Mekong nations – Cambodia, Laos, Myanmar, Thailand and Vietnam. Throughout this new partnership India will share its experiences and expertise of managing river Basin with its peers in the Lower Mekong.

Engage with Us

A. Engagement Models during the Summit

The Summit is a great multi-disciplinary platform to showcase your efforts, solutions, knowledge through a range of strategic engagement plans. These are:

1. Strategic Partnerships

This engagement mode is for Government departments at all levels (central, state, municipal), public sector entities, multilateral institutions, NGOs, and foundations who wish to deepen their strategic engagement with India for the Ganga Rejuvenation programme. It could entail releasing a special report, initiating a project, highlighting select areas of work or other initiatives.

2. Sponsorship

For private sector companies or entities wanting brand recognition, the Summit offers a multitude of opportunities including but not limited to hosting networking events, display of special solutions and other showcases. Please get in touch with the Summit team for more details.

3. Technology and Innovation Showcase

Companies or organisations that have developed solutions, which have the potential of high impact in Ganga basin, can get an opportunity to present to stakeholders, potential Indian partners and investors.

4. Knowledge Partners

Professional Service Firms and Knowledge-oriented institutions are invited to partner with cGanga and NMCG to prepare and launch a number of special reports during the Summit as well as curate and organise the various Summit sessions.

B. Ongoing Engagement Models

There are various ongoing engagement models that enable partners to find various touch points with the Ganga River Basin. These are:

1. Working Groups and Task Forces

Interested parties can channel their novel ideas through dedicated task forces and working groups. These groups have in-depth deliberations which are summarised in the form of white-papers submitted to Government and various stakeholders. The working groups are a sub-set of 5 major task forces: (i) Science & Research (ii) Engineering & Operations (iii) Technology, Innovation, Entrepreneurship & Skills (iv) Policy, Law & Governance (v) Finance & Investments

2. Pilots / Demonstration Projects

Companies interested in introducing their solutions into the Ganga rejuvenation programme can do so through pilot/demonstration projects. They must however first go through the Environment Technology Verification (ETV) process. This allows stakeholders to assess the technologies and ascertain value for money.

3. International Chapters and Roadshows

cGanga and NMCG regularly conduct international roadshows to increase the outreach and awareness. Additionally, countries can establish their own local country chapters to channel their collective innovations and interests into India.

Information for Participation in the Summit

- Participation in the Summit is strictly **by invitation only**.
- Registration shall open on 27th November 2020. Kindly check www.cganga.org for more details.
- Participants must have a formal invitation from the organisers before attempting registration.
- Registration is only possible by using special or dedicated “registration codes”.
- International participants may register through the following mechanism:
 - their country’s official participation channels
 - presentation slot in Track C
 - if your nation is not represented formally then kindly send in a formal request so that an invitation may be generated.
- Media partners must be accredited and registered using the special registration code provided.

REGISTRATION FOR YOUR PARTICIPATION

- All invitations to the Summit shall be issued by 30th November 2020. If you have not received the invitation then please get in touch with the Summit organisers.
- To register you must have a special registration code either provided by your Government Department, Organisation, Delegation Leader or through your direct participation in the Summit.
- Use the “registration code” that you received to complete the registration process.
- The links to the registration process shall be made available from 27th November 2020.

Contact Details

- General Enquiries and Submissions of Participation Requests:
 - iwis@cganga.org
- For Indian Government Related Queries:
 - Dr Vinod Tare: vinod.tare@cganga.org
- For International Participation and Summit Partnerships:
 - Mr Sanmit Ahuja: sanmit.ahuja@cganga.org
- For Media Enquiries:
 - media@cganga.org

About the Organisers



NATIONAL MISSION FOR CLEAN GANGA (NMCG)

NMCG is the implementation wing of National Ganga Council which was setup in October 2016 under the River Ganga Authority order 2016. Initially NMCG was registered as a society on 12th August 2011 under the Societies Registration Act 1860. It acted as implementation arm of National Ganga River Basin Authority (NGRBA) which was constituted under the provisions of the Environment (Protection) Act (EPA) 1986. NGRBA has since been dissolved with effect from the 7th October 2016, consequent to constitution of National Council for Rejuvenation, Protection and Management of River Ganga (referred to as National Ganga Council).

www.nmcg.in



CENTRE FOR GANGA RIVER BASIN MANAGEMENT AND STUDIES (cGanga)

cGanga is a think tank and a centre of excellence formed under the aegis of NMCG, and one of its stated objectives is to make India a world leader in river and water science. The centre is headquartered at IIT Kanpur and has representation from most leading science and technological institutes of the country. cGanga's mandate is to serve as think-tank in implementation and dynamic evolution of Ganga River Basin Management Plan (GRBMP) prepared by the Consortium of 7 IITs. In addition to this it is also responsible for introducing new technologies and innovations as well as novel policy, governance and financial solutions for the water sector in India.

www.cganga.org