



CIDC-ICC CONFERENCE

“EMPOWERING FUTURE INFRASTRUCTURE WITH INNOVATIVE TECHNOLOGIES” & BRAND CONNECT (Chennai) 2024

19th & 20th July 2024
 CSIR-SERC Auditorium, CSIR Campus, Taramani, Chennai, Tamil Nadu



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About International Council of Consultants

International Council of Consultants (ICC), as the apex representative organization of consultancy services was constituted under the patronage of Former Chief Justice of India Mr. Y.V. Chandrachud and several other senior luminaries from Engineering Profession, Mr. R.S. Pathak and Former Judge of Supreme Court of India Mr. H.R. Khanna. Dr. P. R. Swarup, is presently the President of ICC.

Founded under the patronage of legal and construction industry luminaries including Former Chief Justice of India Mr. Y.V. Chandrachud, the ICC serves as a pivotal platform for global expertise in consultancy. Consultant as an expert, gives overall guidance in the required field, where ordinary knowledge is not sufficient. Skilled Consultancy Services allow us to offer organizations completely tailored and integrated solutions catering to the needs of any project. International Council of Consultants acts as a connecting link between Consultants and Organizations.

ABOUT THE CONFERENCE

The ICC Conference 2024 aims to unite distinguished professionals, consultants, and thought leaders from around the globe to discuss, deliberate, and display cutting-edge developments across seven key tracks. Each track is designed to address specific industry challenges and advancements, providing consultants with critical insights and tools that can be directly applied to enhance their practices and client solutions.

Mass Rapid Transit (MRT):

For consultants focusing on public infrastructure and urban development, this track offers insights into the latest innovations in metro systems that enhance urban mobility and sustainability, crucial for comprehensive transport planning and implementation.

Green Hydrogen

This track focuses on the pivotal role of green hydrogen in the transition towards renewable energy sources. Sessions will cover the entire green hydrogen value chain, from production using renewable energy sources to storage, distribution, and applications in various industries. The goal is to explore green hydrogen as a key player in achieving carbon neutrality, with discussions on policy frameworks, technological advancements, and case studies of successful green hydrogen projects.

STEERING COMMITTEE

The steering committee for the ICC Conference 2024 will comprise known industry captains and renowned speakers, ensuring a high-caliber lineup of discussions, workshops, and networking opportunities.

WHY ATTEND

- ▶ **Innovative Solutions:** Discover new products, technologies, and services that can add value to your projects and business.
- ▶ **Skill Development:** Attend workshops and seminars led by experts to enhance your professional skills and knowledge.
- ▶ **Knowledge Exchange:** Learn about the latest trends, technologies, and practices reshaping the future of construction and sustainability.

Networking Opportunities: Connect with industry leaders, innovators, and decision-makers.

CONFERENCE HIGHLIGHTS

- ▶ **Keynote Speeches:** Hear from renowned speakers shedding light on global trends and the future of the construction industry.
- ▶ **Panel Discussions:** Engage in thought-provoking discussions on challenges, opportunities, and the future outlook of the industry.
- ▶ **Exhibition Space:** Explore an extensive exhibition showcasing the latest technologies, materials, and solutions from around the world.
- ▶ **Interactive Workshops:** Participate in hands-on workshops focusing on practical applications of new technologies and methodologies.

Trenchless Technology:

Focused on the latest in trenchless technology, this track aims to highlight non-invasive methods for installing and repairing underground utilities with minimal surface disruption. Presentations and workshops will cover a range of techniques, including horizontal directional drilling, pipe bursting, and cured-in-place pipe. These sessions will not only discuss their benefits in urban environments and sensitive landscapes but also address the broader context of infrastructure asset management. Attendees will explore how these technologies can help manage the longevity and reliability of infrastructure assets while overcoming challenges such as urban congestion, environmental concerns, and aging systems. Case studies will demonstrate how trenchless technologies offer sustainable, efficient solutions for these comprehensive infrastructure challenges, showcasing their critical role in maintaining and enhancing asset value over time.

Pre-Engineered Building (PEB):

The PEB track will delve into the revolution pre-engineered buildings are bringing to the construction industry. It will cover topics such as design innovation, material advancements, and construction processes that significantly reduce time and cost compared to traditional building methods. This track will showcase the latest trends in PEB, including sustainable materials and practices, and their impact on reducing the carbon footprint of construction projects.

IoT & Artificial Intelligence in Construction:

The AI in Construction track will explore how artificial intelligence, machine learning, and the Internet of Things (IoT) are collectively transforming the industry. Discussions will extend beyond predictive analytics for project management to include IoT-enabled devices that facilitate real-time data collection and analysis. This integration enhances AI-powered design and planning tools, and robotics in construction, enabling smarter, connected construction sites. Attendees will delve into how AI and IoT not only enhance safety and improve efficiency but also contribute to significant cost reductions. Through real-world applications and emerging trends, participants will gain a comprehensive understanding of the symbiotic relationship between AI and IoT in driving innovation in construction.

Steel in Construction:

As steel continues to play a critical role in modern infrastructure, this track will update consultants on the latest trends and technologies in steel applications, enabling them to advise on both the technical and environmental aspects of steel construction.

Quality Assurance and Quality Control

This track focuses on the pivotal roles of quality assurance (QA) and quality control (QC) in the construction industry. Emphasizing best practices and innovative methodologies, discussions will explore the integration of the Quality Cost-Based Selection (QCBS) system in contract awarding processes. This system prioritizes quality alongside cost considerations, ensuring that project awards reflect a balance of economic and performance metrics. Additionally, the track will delve into the application of Six Sigma principles to quality control. These principles aim to enhance process efficiency by minimizing defects and variability in construction projects. Workshops and case studies will illustrate practical implementations of these frameworks, demonstrating their effectiveness in improving project outcomes through rigorous quality standards and continuous process improvements.

Geographical Information System (GIS):

This track will explore the transformative power of GIS in construction and urban planning. Sessions will demonstrate how GIS supports decision-making by providing detailed spatial analysis and visualization capabilities. Topics include integrating GIS with other technologies such as BIM (Building Information Modelling), AI, and IoT to enhance project management, planning, and maintenance of infrastructure. The track will also cover GIS's role in disaster management, environmental monitoring, and smart city developments.

CONFERENCE AGENDA

Each track is curated not only to inform but also to equip consultants with the knowledge and networks needed to elevate their consultancy practices, ensuring they remain at the forefront of industry developments and innovations. By participating in these discussions, consultants will enhance their ability to offer more strategic, informed, and innovative solutions to their clients, thereby advancing their careers and business opportunities in the competitive global marketplace. Moreover, the application of these advanced technologies and methodologies is designed to deliver tangible benefits not only in urban areas but also in rural settings. For instance, the integration of trenchless technologies can facilitate essential infrastructure developments with minimal disruption to the local environment and community, while the use of AI and IoT in projects can ensure more sustainable and efficient resource management in less accessible areas. Quality assurance and control tracks will ensure that projects, regardless of location, adhere to high standards, ultimately leading to safer, more reliable outcomes for end-users across diverse geographical contexts.

CALL FOR PAPER

We invite researchers, practitioners, and industry experts to submit papers and presentations on innovative research, case studies, and best practices related to the conference tracks. Submission guidelines and deadlines will be announced soon.

JOIN US

Be part of a dynamic community committed to driving change and innovation in the construction industry. The ICC Conference 2024 is where the future of construction and environmental sustainability converges. We look forward to welcoming you in July 2024 for an event that promises to inspire, inform, and transform.

SPONSORSHIP OPPORTUNITIES

This conference offers a unique opportunity for your organization to highlight its commitment to fostering innovation and sustainability in the construction industry. Various sponsorship packages are available, providing visibility and engagement options tailored to your goals.

SPONSORSHIP FEE

Principal Sponsor	Rs. 10 Lakhs* / US\$ 16,000*
Main Sponsor	Rs. 8 Lakhs* / US\$ 12,000*
Associate Sponsor	Rs. 5 Lakhs* / US\$ 8,000*
Partner	Rs. 3 Lakhs* / US\$ 5,000*

* GST extra as applicable

DELEGATE FEE

ICC/CIDC/ECI Member Delegate	INR 5000*
Non-Member Delegate	INR 6000*
Student Delegate	INR 2500*

Note: Group discount of 10% on nomination of 5 or more delegate.



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