



TRAFFIC CONTROL SYSTEMS



ELECTRIC AND SMART BUSES



CCTV MONITORING



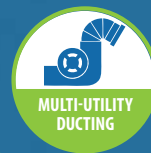
COMMAND CONTROL CENTRES



PARKING SOLUTIONS



IoT/WI-FI



MULTI-UTILITY DUCTING



COMMUNICATION INFRASTRUCTURE



24x7 WATER SUPPLY



FARE COLLECTION SYSTEMS



STREET LIGHTING



SMART WASTE MANAGEMENT



SOLAR ROOFTOP



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7th Annual Conference on

SMART CITIES 2.0

Actual Progress and Realistic Business Opportunities

October 22-23, 2018, Le Meridien, New Delhi

Organisers:



Lighting Partner:



SMART CITIES 2.0

Mission

- Three years into implementation, the central government's Smart Cities Mission has gained significant traction. The Ministry of Housing and Urban Affairs has selected 100 cities since the launch of the mission in July 2015. Together, these cities offer a pipeline of 4,500 projects entailing an investment of over Rs 2 trillion.
- The selected cities are finally beginning to make headway. Almost 90 per cent of the cities have incorporated special purpose vehicles for project implementation. Meanwhile, 69 cities have appointed project management consultants.
- However, project implementation progress continues to be slow. About 20 per cent of the projects are under implementation and only 4 per cent have been completed. Another 400 projects worth about Rs 200 billion are at the tendering stage.
- A number of issues have contributed to the slow progress. Since the majority of the smart cities involve transforming the existing cities, retrofitting legacy infrastructure is a challenge. Delays in the clearance and approval of projects, lack of coordination between different stakeholders, poor financial health of urban local bodies and lack of investments in capacity building are some of the other key challenges.
- Meanwhile, there remains a lacuna in financing, which is expected to be addressed through funding from municipal bonds, value capture financing and private participation. Public-private partnerships (PPPs) are expected to make a substantial contribution towards bridging the funding gap. As of June 2018, 98 projects worth about Rs 60 billion are being implemented on a PPP basis. Vadodara and Nagpur have reported substantial progress on the implementation of these projects.
- Innovative technology-led initiatives are being implemented across cities. Key cities such as Ahmedabad, Hyderabad, Surat, Coimbatore, Bengaluru, Mangalore, Delhi, Mumbai and Chennai have launched initiatives for the deployment of advanced communications systems, intelligent transit management systems, smart meters, GIS and GPRS for solid waste management, online billing systems, mobile-based complaint redressal systems, etc. Ten cities have commissioned integrated command and control centres to provide a single interface for multiple solutions.
- As far as priority sector interventions are concerned, over 30 cities have already initiated the development of smart roads, 37 cities have initiated smart water projects and 47 cities have initiated solar projects. Architectural, landscaping and city beautification projects have been initiated in 40 cities.
- Meanwhile, convergence with other programmes like AMRUT will augment the financial capability of the urban local bodies. Several cities have also opted for the evaluation of their credit worthiness and over 150 cities have been rated investment grade.
- Going forward, the development of smart cities such as Gujarat International Finance Tec-City, Naya Raipur and Lavasa will serve as models for other cities. Globally, too, learning can be drawn from the experience of cities such as Amsterdam, Barcelona, and Copenhagen. In fact, India has collaborated with several international agencies to gain technical expertise in this domain. These include MoUs with Canada, Belgium, South Korea, Singapore, the UK and Sweden.
- The Smart Cities Mission will go a long way in developing core infrastructure services in India's urban centres. This also creates opportunities for various stakeholders such as project developers and equipment providers. The majority of the opportunities both in terms of number of projects and investments will be offered under Round III. Round I, II, and Fast Track cities offer immediate opportunity in projects that are at the DPR stage.
- The mission of this conference is to track the progress of the programme, highlight the upcoming opportunities, outline execution strategies and examine the future outlook. The conference will also showcase successful case studies as well as noteworthy solutions and technologies.

Target Audience

- The conference is targeted at top and middle-level managers from:
 - ULBs and related government agencies
 - Urban planning and development agencies
 - Policymakers and regulators
 - Infrastructure development organisations
 - State housing development agencies
 - State PPP cells
 - International and national development agencies
 - IT solution providers and technology providers
 - Power distribution utilities
 - Smart grid technology/equipment providers
 - Water distribution utilities
 - Waste management systems
 - Urban transport operators
 - Green/smart building solution providers
 - Metering manufacturers
 - Communication service/equipment providers
 - Intelligent traffic/transportation systems providers
 - Security and safety equipment providers
 - Financial institutions and investment agencies
 - Legal and insurance firms
 - Construction firms and contractors
 - Energy management consultants
 - Disaster management agencies
 - Project executing agencies

AGENDA/STRUCTURE

KEY TRENDS AND OUTLOOK

- ❖ What are the key trends and developments in this segment?
- ❖ What is the future outlook? What are the new opportunities?
- ❖ What are the key issues and challenges?

GOVERNMENT PERSPECTIVE

- ❖ What is the government's perspective on the progress of the Smart Cities Mission?
- ❖ What is the future outlook? What are the new opportunities?
- ❖ What are the key issues and challenges?

ROUNDS I AND II CITIES: EXPERIENCE AND PROGRESS SO FAR

- ❖ What is the current status of projects announced under Rounds I and II?
- ❖ What are the investment requirements? What are the key sources of funding?
- ❖ What are some of the successful case studies?
- ❖ What are the key issues being faced?

OPPORTUNITIES UNDER ROUNDS III AND IV CITIES

- ❖ What is the current status of projects announced under Rounds III and IV?
- ❖ What are the investment requirements? What are the key sources of funding?
- ❖ What are the key issues being faced?

INITIATIVES IN NON-MISSION CITIES

- ❖ What are the key initiatives in bigger cities that are not covered under the Smart Cities Mission?
- ❖ What has been the experience so far?
- ❖ What are the future plans and strategies?

DIGITALISATION OF ULBs

- ❖ What are the key digitalisation requirements for urban local bodies to make their cities smarter?
- ❖ What are the potential strategies and solutions?
- ❖ What can be learnt from their experiences?

The conference will have specific sessions on:

❖ FOCUS ON STREET LIGHTING

❖ PARKING STRATEGIES AND SOLUTIONS

❖ TRAFFIC CONTROL SYSTEMS

❖ CITY COMMAND AND CONTROL CENTRES

❖ SMART WASTE MANAGEMENT

❖ WASTE TO ENERGY

❖ MULTI-UTILITY DUCTING/CORRIDORS

❖ UNDERGROUND CABLING

❖ ELECTRIC AND SMART BUSES

❖ PUBLIC WI-FI

❖ SOLAR ROOFTOP

❖ 24x7 WATER SUPPLY

❖ FARE COLLECTION SYSTEMS

❖ CCTV MONITORING AND VIDEO ANALYTICS

❖ COMMUNICATION INFRASTRUCTURE: TOWERS AND OFC

❖ ROLE OF INTERNET OF THINGS

Previous Sponsors:



Previous Participants

Some of the organisations that participated in our previous conferences include: ABB, Accenture, ACME Cleantech Solutions Agra Development Authority, AECOM, Ahmedabad Municipal Corporation, Ajmer Smart City, Amara Raja, Arihant Superstructures, Arup, ASCI, Atkins, AUDA, Autodesk, AZB & Partners, Bajaj Electricals, Balurghat Municipality, Bar Code, Barco Electronic, BASF, Bechtel, BEE, Bentley, BESCO, BG Shirke Group, Bharti Realty, Bhartiya Group, Bhatpara Municipality, BHEL, Bhopal Municipal Corporation, Bhopal Smart City Black & Veatch, Bourouge India, Bosch, Budge Budge Municipality, Chennai Smart City, CIDCO, CISB Technologies, CISCO Systems, CRISIL, Deloitte, DIMTS, DIPP, DMICDC, DTCP, E.I Dupont, Egis, Eldeco Housing, EMBARO, EPI, Ernst & Young Services, European Union, Ferranti, Fichtner, GDA, GE Industrial, GIFT, Godrej Infotech, Government of Madhya Pradesh, Greenstar R&D, GTL, Haryana Housing Board, HDFC, Hexagon, Hiltachi, Honeywell, IBI Consultancy, IBM, IGL, IIFCL, IL&FS Township, IL&FS Urban Infrastructure, Indo-German Energy Forum, Indra Sistemas, Indus Towers, Ingersoll Rand, Intergraph SG & I, IREO, ISGF, ITC Welcomegroup, Itron, Jalpur Nagar Nigam, Jalpur Smart City, Jaypee, JCB, JUSCO, KEI Industries, Kone Elevator, Kota Smart City, Kotak Securities, KPMG, Lavasa City Corporation, LEA Associates South Asia, Leica Geosystems, McElroy, MDU, Metro Infrasy, Microsoft, MIDC, Ministry of Commerce and Industry, Mitsubishi Heavy Industries, MOUD, MSEDCL, National Instruments, NBCC, NDMA, New Delhi Smart City, NDMC, NEC Technologies, NEDO, NIDM, NRDA, NRDC, NWCDC, Oracle, Philips, Pimpri Chinchwad Municipal Corporation, Pujali Municipality, Qualcomm, Quippo Construction Equipment, Rajkot Smart City, Ramboll, RITES, SAS, SBI Capital Markets, Schneider, Scope T&M, SGTF, Siemens, Shell India Markets, Solapur Municipal Corporation, SPML Infra, Tamil Nadu Housing Board, Tata Communications, Tata Consultancy Services, Tata Housing, Tata Realty, Tata Teleservices, Thane Smart City, The World Bank Group, Timarpur Okhla Waste Management Company, TVASTAR UPEIDA, UPHDB, Uponor, UPTCP, URS Scott Wilson, UTTIPEC, Veolia Water, Volvo, Warangal Municipal Corporation, Wartsila, Wave Infratech, Welspun Energy, Wipro, etc.

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Delegates	20 per cent discount (before October 4, 2018)		Fee post October 4, 2018			
	Total INR (incl. tax)	Total USD	INR	Service tax @ 18%	Total INR	Total USD
One delegate	23,600	393	25,000	4,500	29,500	492
Two delegates	37,760	629	40,000	7,200	47,200	787
Three delegates	51,920	865	55,000	9,900	64,900	1,082
Four delegates	66,080	1,101	70,000	12,600	82,600	1,377

- There is a 20 per cent "Early Bird" discount for those registering before October 4, 2018.
- There is a special low fee of Rs 5,000 (plus 18% GST) per participant for urban local bodies, academic and research institutions, and government departments (excluding corporations, public or private).
- Registrations will be confirmed on receipt of the payment.
- To register online, please log on to <http://indiainfrastructure.com/conf.html>

Terms and Conditions:

- The conference is a non-residential programme. Full payment must be received prior to the conference.
- Conference fee includes lunch, tea/coffee and conference materials.
- Conference fees cannot be substituted for any other product or service being extended by India Infrastructure Publishing Pvt. Ltd.

Organisers

The conference is being organised by **India Infrastructure Publishing**, the leading provider of information on the infrastructure sectors through magazines, newsletters, reports and conferences. The company publishes Indian Infrastructure magazine. The group also publishes **Power Line**, **Renewable Watch**, **tele.net** and **Smart Utilities**. It also publishes a report on the **Smart Cities in India** and the **Smart Cities Directory and Yearbook**.

For delegate registrations and sponsorship opportunities, contact:

Aditee Sharma
Tel: +91-11-46560423, 41034615, +91-9910664828

Mansi Taneja
Tel: +91-11- 46560424, 41034615, +91-9910032924

India Infrastructure Publishing Pvt. Ltd., B-17, Outab Institutional Area, New Delhi 110016.

Fax: +91-11-26531196, 46038149. E-mail: conferencecell@indiainfrastructure.com