14th International Exhibition & Conference on **Smart & Sustainable City Solutions**



Co-located with



18, 19, 20 May 2017

CIDCO Exhibition Centre, Navi Mumbai, Maharashtra, India



Supported by Government of India





















































Knowledge Partners

































Urban Challenges and Opportunities

India has seen rapid urbanisation in recent times, its urban population growing from 286 million in 2001 to 377 million in 2011, constituting 31.16% of the country's population. This is expected to reach 590 million by 2030, contributing 70% to the country's GDP. According to a McKinsey report, by 2030 India will have 6 mega cities with a population of 10 million or more, 13 cities with 4 million people each, and 68 cities with population of over 1 million each.

The Government of India has announced a slew of new ambitious initiatives: "Swachch Bharat Mission"- Sanitation for All by 2019, Housing for All by 2022 and 100 new Smart Cities. These programmes and the gargantuan growth of urban population is throwing up challenges and opportunities in the housing and infrastructure sectors for the central, state and local/city governments, as well as private industry. For the past 13 years Municipalika, the International Conference and Exhibition on Making Cities Work, has been instrumental in highlighting pertinent issues revolving around these challenges and opportunities, sharing best and leading practices, evolving technological and managerial solutions, and providing inputs for policy interventions.

Municipalika Smart & Sustainable Cities 2017 is being organised in Navi Mumbai, Maharashtra, co-located with CAPEx, trade show focusing on Construction, Architecture, Planning and Engineering. The twin-event will be the only one of its kind in India, focusing on Sustainable Built-Environment and Good Urban Governance. The three day conference and exhibition will be attended by mayors, municipal commissioners, senior urban development officials from the Central and State Governments, Urban Local Bodies and Housing Agencies from all over India, built environment professionals, architects, planners, and engineers. At Municipalika Smart & Sustainable Cities 2017, the national and international experts and thought leaders will gather to answer the question: "How do we plan, design, build and maintain sustainable built environment and Cities".

Projected Investment In Next 20 Years

Urban Housing	US \$ 1.9 Trillion
Urban Roads	US \$ 392 Billion
Urban Transport	US É 100 Pillian
Urban Transport	US \$ 100 Billion
Water Supply	US\$ 73 Billion
Sewerage	US\$ 55 Billion
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Storm Water Drains	US \$ 43 Billion
Traffic Support & Infrastructure	US\$ 22 Billion
Solid Waste Management	US\$ 11 Billion
Street Lighting	US \$ 4.2 Billion









Urban Maharashtra – The Opportunity

Maharashtra is one of the largest and most prosperous states of India. The state is often referred to as economic and industrial powerhouse of India. The state is the largest contributor to the Indian economy and in 2013-14, its share was 14 percent. Maharashtra is among the top three urbanized states in India, and the state with the highest urban population of 5 crores (50 million) as per census 2011. It adds 10 lacs (1 million) urban population every year, which is 10% of the growth in urban population for the whole of India.

The urban population in Maharashtra is concentrated in the western region, specifically in Mumbai, Pune and Nasik, which together account for more than 50 per cent of Maharashtra's urban population. Huge influx of population in all the cities in the state has resulted in significant stress on urban infrastructure affecting the quality of life. For instance, almost half of Mumbai city population currently resides in slum areas without proper access to basic urban services like water, power, sewerage, solid waste management, sanitation etc.

The state of Maharashtra is taking up a large number of initiatives to improve the quality of life in cities, while addressing other key issues such as new town development, simpler regulatory environment, speeding up project clearances, fast tracking big infrastructure projects, and improving ease of doing business.

With both the Centre and state focusing on Urban Sector, by way of Smart Cities, AMRUT, Housing for All by 2022, Swachh Bharat Abhiyaan, Hriday, etc a lot of opportunities await all urban stakeholders to be part of this growth story.

Municipalika Smart & Sustainable Cities 2017 is being organized at CIDCO Exhibition Centre in Navi Mumbai, one of the country's foremost fully integrated state-of-the-art exhibition-cum-convention facilities.



Exhibitor Profile

MUNICIPALIKA SMART & SUSTAINABLE CITIES

Water & Waste Water

- Water Supply Treatment
- Water Extraction
- Desalination
- Macro Water Management
- Water Conservation
- Rain Water Harvesting
- Waste-water Management & Recycling
- Sanitation, Toilets & Safe Disposal
- Effluent Treatment
- Pumps, Valves, Compressors & Fittings
- Distillation
- Filtration Systems

Solid Waste Management & Recycling

- Collection, Storage, Transportation, Treatment and Disposal of Municipal, Industrial, Hazardous & Bio-medical Waste
- Waste Recycling
- Waste-to-energy, Plastic-to-fuel
- Bio-methanation
- Composting, Incineration/Combustion
- Fly Ash and Slurry Recycling
- Landfill Management
- E-Waste Management
- Road Sweepers & Compactors
- ICT in Waste Management Monitoring

Urban Transportation & Traffic

- Mass Rapid and Multi-modal Transport
- Bus & Rail Systems

- Traffic Control, Info and Management Systems
- Fare and Toll Systems
- Road Safety and Guidance
- Road Markings and Signages
- Street Furniture and Lighting
- Parking Solutions
- Road Construction & Maintenance

Environment & Pollution Control

- Renewable and Alternative Energy
- Carbon Credits
- Eco-tourism
- Environmental Education
- National, International and Non-profit Organisations for Environmental Protection
- Bio-fuels/Alternative Fuels
- Eco-friendly Transport Vehicles

Safety, Security & Disaster Management

- Fire Prevention, Protection & Rescue Equipment
- Disaster Prevention and Management
- Natural Calamity Mitigation
- Riot, Vandalism and Unrest Control
- Public Security Policing & Crime Prevention
- Insurance & Loss Prevention
- Anti Terrorism Equipment & Services
- Audio & Video Surveillance Equipment
- Equipment for rescue, recovery

Urban Infrastructure Development

- Infrastructure Development for Airports, Roads, Bridges
- SEZs, Business & Industrial Parks
- Public Amenities
- Electricity and Lighting of Roads
- Distribution of Power, Telecom and Energy
- Financial Institutions, Development and Funding Agencies
- Urban landscaping Technologies, Best Practices, Equipment

Urban Housing Initiatives

- Affordable Housing and slum free cities
- Appropriate building technologies

Green Building Technologies

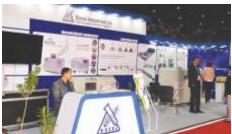
 Energy Efficient/Environment friendly/Ecologically appropriate options

E-governance and Smart Cities

- E-governance solutions, hardware & software
- GIS/GPS Solutions
- Intelligent Networks
- Telecommunication
- ICT Applications
- E-commerce and e-payments
- ERP Solutions
- Successful e-gov/ICT application by States, Cities, Utilities

Focus on: "Smart" & "Sustainable" Technologies & Solutions in all the Segments







Visitor Profile

• Mayors • Municipal Commissioners and City Managers • Procurers of Stores, Supplies and Disposal Departments • Consultants to Municipal Corporations • Traffic and Road Departments • Public Administrators & Civil Servants • Public Works Departments • Public Health Engineering Departments • Public Utility Providers • Police, Civil Defence & Public Safety Departments like Fire, Health Services etc. • Public Services like Telecommunications & IT Industry • Providers of Municipal and Urban Services • Municipal & Government Contractors and Suppliers • Development Banks and Financial Institutions • Public and Private Security Agencies • Central Water Commission, Central Ground Water Authority, Municipal Water Authorities • Industrial Water and Waste Water Consultants Experts • Town Planners, Architects, Engineers and Interior Designers • Housing & Building Departments • Real Estate & Township Developers and Builders • Construction & Infrastructure Developers • Building Owners Associations & Housing Societies • Estate and Facility Managers • Home - Owners & Buyers • Resident Welfare Associations • Housing Co-operative Societies • Elected Office Bearers • Media/Press





Conference Programme

Broad themes of discussion over three days

DAY 1

Smart Cities

100 Smart Cities Mission and Best Practices • What Makes a Smart City Competitive • Sustainable • Resource-rich, Inclusive • Key Features of a Smart City • Drivers and Enablers • Resource Mobilisation and Financial Management • Land - use Planing for Smart Cities • National & International Case-Studies

Safe and Resilient Cities

Disaster Mitigation and Management • Fire Safety and Protection • Anti-terror capabilities • Homeland Security • Gender sensitive and child-friendly cities • Policing and Community based Security Support Systems • Flood Relief

Vibrant Cities (Heritage Issues)

Conservation of Heritage Zones • Linking Heritage Buildings and Precincts as City Tourism • Heritage Walk • Capacity Buildings for Heritage Conservation in Cities

DAY 2

Healthy Cities (Integrated Water Management)

Water Supply • Treatment and Distribution • 24×7 Water Supply • Metering • Reduction of T&D losses • Water Conservation • Rainwater Harvesting • Aquifer Recharging • Sanitation for All by 2019 • Waste Water Treatment options • Waste Water Recycling and Reuse • Cleaning of Rivers & Water Bodies

Healthy Cities (Integrated Solid Waste Management)

Swachh Bharat Abhiyaan 2019 / Mahatma Gandhi Swachhta Mission • Collection • Segregation and Transport of Solid Waste • Recycling - esp Building Materials • Plastics and E-waste • Waste - to - Energy • Hygienic and Safe Sanitary Landfills

Green Cities

Low Carbon • Energy - Efficient • Sustainable Built Environment and Communities - Sustainable Development options • Passive Designs for Energy Efficiency • Active Design and Application for Energy Efficiency • Use of Renewable Energy • Solar Cities • Urban landscaping - Technologies • Best Practices • Cultural & Ethical Perspective

Connected Cities

Sustainable Urban Transportation • Traffic Management & Networked Cities - Paradigm Shift in Urban Mobility with Effective Public Transportation • Transit Oriented Development • MRT • BRT • LRT • Non-Motorised Options • Walkability • Transport and Traffic Infrastructure Parking

DAY₃

Inclusive & Humane Cities

Housing for all by 2022 • Slum-less Cities • Optimisation of Resources for Land • Building Materials and Technology • Finance • Delivery System through Partnership options • Financing options - Mortgage & Project Financing • PPP & Nongovernment Initiatives • Land Markets and Property Rights

Digital Cities

Next Level E-Governance Solutions for City Level Services • Geo - Spatial Technologies • GIS - GPS Applications • Retro Fitting

Integrated Cities and New Vision

Integrated • Self-Contained Cities • New Town Development • Twin Cities • Satellite Cities

The Conference details for CAPEx on Day 1 & Day 2 is included in CAPEx Brochure and on www.capex.co.in



The Opportunity



The built environment sector is one of the key drivers of the Indian economy, contributing to 17.5% of the GDP, employing 50 million people, and with over US\$ 1.5 trillion investment in building and infrastructure in the period 2012-2017.

With the population expected to increase to 1.45 billion by 2020, of which 500 million would be in urban areas, the housing, infrastructure and real estate requirements to satisfy this growth, would keep the built environment sector growing at a blistering pace.

CAPEx will be the definitive one-stop shop for technologies, processes, systems, materials, supplies, products and equipments for the architectural and engineering design, planning, construction engineering, safety and quality, MEPF and operation and maintenance of sustainable built environment.

CAPEx is co-located with Municipalika Smart & Sustainable Cities

CAPEx is co-located with Municipalika Smart & Sustainable Cities, India's only event on City Infrastructure and Sustainable Urban Development, with a successful track-record of 13 years, and an assured attendance of policy makers, city managers, urban development authorities, urban parastatals, urban local bodies, housing agencies, real estate developers and professionals. This will provide exhibitors and visitors access to a wide networking and business ecosystem starting from the building level, and expanding into neighborhood, township and city-level.

Exhibitor Profile

Affordable Housing Technologies
 Architecture, Planning, Design and Engineering Services
 Building Materials
 Building and Plumbing Services
 Construction Equipment and Machinery
 Fire, Safety and Security Systems
 Green Building Technologies and Products
 Generators
 Invertors
 HVAC
 Interiors and Exteriors
 Landscaping
 Pre-engineered Buildings
 Vertical Transportation
 Systems
 Waste Management



Visitor Profile

Administrators • Architects and Architectural Firms / Consultants • Builders, Developers and Contractors • Civil Engineers • Construction Project Managers • Design Engineers and Practitioners • Disaster Management and Mitigation Groups • Elected Representatives • Electrical Engineers and Contractors • Energy Efficiency Groups • Environmental Specialists • Fabricators and Sub-contractors • Facility Management Firms • Fire Protection Professionals • Financial Experts • Health Specialists • Hotels, Retail, Offices and Industrial Establishments • HVAC Engineers and Contractors • Interior Designers and Decorators • Landscape Architects and Consultants • Leasing and Hiring Firms • Mayors • MEP Engineers and Contractors • Plumbing and Sanitation Engineers and Contractors • Project Management Firms • Safety Specialists • Security and Fire Protection Specialists • Structural Engineers and Contractors • Urban Designers • Vertical Transportation Specialists



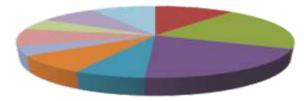


Post Show Report - 2015

Exhibition Statistics

Segments	-	10
Exhibitors	-	130+
Exhibition Area	-	8,955 sqm

Exhibit Segments



20% Solid Waste Management & Recycling

7% Environment & Pollution Control

4% Safety & Security

5% Urban Dev. Department & Municipal Corp.

9% Association

11% Water & Waste Water

20% Urban Infrastructure Development

8% E-Governance

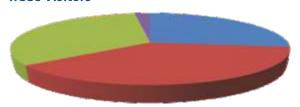
8% Construction & Building Technologies

8% Media

Visitor Statistics

Total Visitors	-	4,829
Private Sector	-	3,549
Government	-	1,205
Media	-	75

Trade Visitors



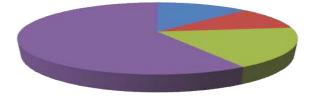
27% CEO, MD, President, VP

33% Engineers, Executive, Consultant

38% GM, AGM, Manager

2% Media

Government Visitors



13% Mayor, Chairperson

Principal Secretary, Secretary, MD
Head of Department

10% Commissioner, CEO

59% Engineers



Testimonials



It is opportune that Municipalika 2015 is organised in Jaipur, from December 9 - 11 by Good-Governance India Foundation with the support of Government of India, Government of Rajasthan and many stakeholder organisations. I hope that the over 1,000 delegates from 300 cities... who attended this conference richly

benefit from the conference deliberations on all facets and also benefit from the exhibition segment.

M Venkaiah Naidu - Minister of Urban Development and Housing & Urban Poverty Alleviation Government of India



would like to thank you all for contributing hugely (through Municipalika) and for bringing these large delegations which are going to be useful to us. We will be working with them very closely. I am sure we will make a difference to the lives of our people in time

Vasundhara Raje - Chief Minister Government of Rajasthan



I am pleased to see people from various parts of India and various corners of the world here. It is also pleasing that domain experts from various aspects of urban development would share their knowledge in this forum. I was very impressed to see the wide range of issues that would be discussed during the three day event.

Anandiben Patel - Chief Minister Government of Gujarat



I am happy that Municipalika 2015 was organised here in Jaipur. I am sure that Municipalika provided a perfect integrated platform to various stakeholders, planners and leaders and by virtue of these interactions; we will be able to formulate and evolve new strategies, plans and technological solutions by which the growing

urbanisation can be a blessing for the entire country and human race. I believe the entire ecosystem of urbanisation has been discussed here by the experts, leaders and policy makers. The Government of India and Government of Rajasthan, who are working very hard to transform the cities will benefit hugely from Municipalika. I will try my best to attend Municipalika 2016 but Rajasthan will surely be representing itself next year.

Rajpal Singh Shekhawat - Minister of Urban Development and Housing Government of Rajasthan



I am deeply associated with the theme of Municipalika, that is, smart cities. Smart City Mission is one of the most important urban development schemes that have been launched by the Government of India. The objective is to promote cities that provide core infrastructure, improved liveability of cities and to provide a

clean and sustainable environment.

Dr K V Pratap - Economic Advisor Ministry of Urban Development Govt. of India



Government of Rajasthan is lucky to have hosted the Municipalika 2015 conference in Jaipur. More than 500 delegates from Rajasthan alone attended this event, which included mayor, deputy mayor, corporations, municipal commissioners and engineers. The

conference sessions were very motivating for everybody, and the event provided the opportunity to learn from one another, which is going to be very helpful to us in the future.

Manjit Singh, IAS - Principal Secretary, Local Self Government Department Government of Rajasthan



This conference [Municipalika] would lead to ideas which can be implemented throughout the country. We have to learn from not only national but also from international experiences. This would become a platform for knowledge-sharing, experience-sharing, sharing of best practices and there is also an exhibition alongside which will demonstrate different technologies in the urban

governance sector.

G R Aloria, IAS - Additional Chief Secretary, Urban Development and Urban Housing, Government of Gujarat



At United Technologies, we have been the pioneers of building technologies. With iconic brands like Otis, Carrier, Kidde, Chubb and others, we are committed to offering solutions which make buildings, and urban built-environment smarter, and more energy efficient. UTC has a global vision of helping build smarter, greener,

safer and better cities. This dovetails well with the objectives of Municipalika 2014 and its target audience of city leaders, and housing and urban stakeholder agencies. It is for this reason that taking off from last year; we are continuing our association with Municipalika

Zubin Irani - President, UTC Building & Industrial Systems (India)



am absolutely delighted to be here and honoured to represent Canada at Municipalika. Canada is very proud to be the Partner Country for this year's event. We have a strong delegation of over 40 delegates and 20 companies and they represent some of the best that Canada has to offer. Through events such as Municipalika,

stakeholders, municipal bodies, academics, practitioners, citizens and the private sector can all come together and discuss solutions that will help Indian cities thrive. This is also an excellent occasion to discuss global practices. The Canadian companies that are participating in Municipalika are looking forward to finding the right project and partner to contribute to sustainable urban

development in India and many of those companies have already been active here for some time.

H.E. Nadir Patel - High Commissioner of Canada in India High Commission of Canada, New Delhi



We are participating for the first time in Municipalika and I have noticed that the theme for the 13th edition, 'Sustainable Habitat and Smart Cities', is apt because smart cities cannot be addressed independent of sustainable development. I believe this is a very good platform for sharing of experiences and there were good takeaways from these three days.

Choo Whatt Bin - Executive Director BCA, Singapore



My congratulations go to Municipalika for organising this important forum. It is a testimony to your craving for sharing of knowledge and experience. I am certain that the local representatives will benefit from these three days of conversation. I congratulate the organisers on a very rich and substantive panel agenda where you

are able to pick issues that are most important to you and will have a tremendous impact on the development of your cities in years to come.

Yuri Afansiev - UN Resident Coordinator in India UNDP Resident Representative in India



Municipalika has been a wonderful journey, promoting sustainability at the grass root level. What I love most about Municipalika is that, we get a chance to share the learning from the entire country. The Municipal Commissioners come here and it is a wonderful meeting ground right from the grass root level to the

minister level. Municipalika gives a fantastic opportunity to the Indian Green Building Council to come with guidelines, which the municipalities can use to tweak their own by-laws and to ensure that the buildings which are growing up in their municipalities are green.

Dr P C Jain - Chairman, Indian Green Building Council



Our objective of coming to Municipalika was that this is a platform where most of the corporations of the country would send their commissioners and mayors. So Municipalika would be the best place to interact with more than thousand corporations at the same

K A Ravindranath - General Manager, Institutional Sales & Retail Finance Mahindra & Mahindra Ltd. (Truck & Bus Division)



The Prime Minister of India has announced 100 new smart cities. Along with that, every government department and municipal corporation is looking for smart governance, which is also a part of a smart city. Smart governance helps in managing public works, transportation and other utilities. These solutions are what we are

providing worldwide. At present, India is talking about it and we have the solution for them. That's why Municipalika has been a great place.

Tariq Farooqui - Senior Divisional Director - EITS Rolta India Ltd.



It is a very good thing that the Government of India is trying to find out a way to move towards cleaner environment. If we compare ourselves with the developed countries, we will find ourselves as an aspiring one and are moving in the direction of a developed one.

If everyone thinks in a similar manner, then, it is a matter of time, that, we will be there, where all of us want to be. Municipalika serves that purpose

Sandeep Bathija - Head Marketing, Institutional Sales, TATA Motors Ltd.



At this exhibition, lots of local body mayors and municipal corporation commissioners are visiting and we are getting good response from them. At Force Motors we are giving complete solutions for municipal bodies, especially for solid waste management, health care and liquid waste management.

Hirdesh Singh Thakur - Deputy General Manager, Force Motors Limited



I think Municipalika has done a very good job in bringing municipal corporations and vendors who work for municipal corporations under one roof. It is helping our business; we have had a lot of municipal corporations come and enquire about our products.

Rajesh Jain - Managing Director, Enhanced Wapp System India



Municipalika was a great event and it was really a pleasure and honour to meet with so many mayors, after all mayors are the conscious keepers and actual implementers of Government policies. The open house session was a brilliant exercise, where people got the platform to inform the actual implementers of

policies, mayors and municipal bodies, about the good practices, bad practices along with what needs to be done. I wish we had more of these sessions so that more people could be made aware about what their responsibilities are as citizens.

Shazia Ilmi - Politician and Social Activist



Participation Options

EXHIBITION (Rates per sq m)	National	International	CONFERENCE (Delegate Fee)	Govt./Local Bodies/CMAs/NGOs	Private Sector	International
Built up Booth (Indoor) (minimum 9 sq m)	₹ 15,500*	US\$ 300*	Early Registration Spot Registration	₹ 12,000 *#	₹ 15,000*#	US\$ 300*#
Bare Space (Indoor) (minimum 36 sq m)	₹ 14,000*	US\$ 280*				
Bare Space (Outdoor) (minimum 50 sq m)	₹ 10,000*	US\$ 200*		₹ 14,000*#	₹ 18,000*#	US\$ 360*#

^{*}Add Service Tax & Cess @ 15%

Delegate fee does not include accommodation, transport etc.

Partnership Options

Partnership Fees	Principal Partner	₹ 30 Lacs* / US\$ 60,000*	Partner Country	US\$ 60,000*	Feature Country	US\$ 45,000*
	Co-partner	₹ 20 Lacs* / US\$ 40,000*	Country Pavilion	US\$ 30,000*	Partner State	₹ 30 Lacs*
	Associate Partner	₹ 15 Lacs* / US\$ 30,000*		7	G D	71
	Session Partner	₹ 10 Lacs* / US\$ 20,000*	Feature State	₹ 22.5 Lacs*	State Pavilion	₹ 15 Lacs*
	Product/Tech. Services Presentation	₹ 6 Lacs* / US\$ 12,000*	Partner City	₹ 15 Lacs*	City Pavilion	₹ 10 Lacs*

^{*}Add Service Tax & Cess @ 15%

^{*(}or, Taxes as applicable at the time of billing)













Supporting Organisations of Municipalika 2015



Good Governance India Foundation / Fairfest Media Limited (CIN - U74140WB1988PLC045101)

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