

EVENT REPORT

SM@RT URBANATION

CONVENTION AND EXPO 2019

The Smart Cities Council India, part of the global consortium of smart cities, recently concluded the 6th Smart Cities Summit – SM@RT URBANATION – at Hotel Ashok Lalit in Bengaluru.



Bhaskar Rao, IPS,
Commissioner,
Bangalore Police



Dr EV Ramana Reddy, Additional
Chief Secretary,
Urban Development
Department,
Government of
Karnataka



Koh Lin Ji,
Group Director,
International
Development,
Building &
Construction
Authority, Singapore



Vijay Bhaskar TM,
Chief Secretary,
Government
of Karnataka



Dr Shalini Rajneesh, IAS,
Chairman,
Tumakuru
Smart City



Dr PG Diwakar,
Director, EDPO,
ISRO HQ, The
Indian Space
Research
Organisation



(L-R): Pratap Padode; Bhaskar Rao; Dr EV Ramana Reddy; Dr PG Diwakar; Vijay Bhaskar TM; K Sudershan, Managing Director, Computer Society of India-Bangalore Chapter; Jeyalakshmi Venkatnarayanan, Vice President, Association for Information Technology; Vikram Mangharam, Chairman, Indo American Chamber of Commerce-Bangalore; and Rama NS, CEO, Electronic City Industries Association.



Unveiling the Smart Cities Progress Report: (L-R) **Kunal Kumar**, Joint Secretary, Smart Cities Mission Director, MoHUA, GoI; **Anjum Parvez**, Principal Secretary, Urban Development Department, Government of Karnataka; **Pratap Padode**, Smart Cities Council India.



Pratap Padode,
Founder & Director,
Smart Cities
Council India



Dr David Fisher,
Founder &
Chairman,
Dynamic
Architecture



Anjum Parvez,
Principal Secretary,
Urban
Development
Department,
Government of
Karnataka



**Srikanth
Viswanathan**,
CEO, Janaagraha
Centre for
Citizenship and
Democracy



**Saloni Saran
Goel**, Environment
& Sustainability
Change Maker



Kunal Kumar,
Joint Secretary,
Smart Cities Mission
Director, Ministry of
Housing & Urban
Affairs, Government
of India



The two-day conference in Bengaluru witnessed an overall footfall of 1,500 attendees.

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The Smart Cities Council India, part of the global consortium of smart cities, recently concluded the 6th Smart Cities Summit – SM@RT URBANATION – at Hotel Ashok Lalit in Bengaluru. Organised on September 24-25, the event outlined India's urban reality and future, buttressed by technological evolution. With 40 exhibitors, a two-day conference featuring more than 80 high profile national and international speakers, the Smart Cities Awards recognising over 40 cities and a footfall of 1,500, the event had all the ingredients to make it a grand success.

Also, this year, the 14th CONSTRUCTION WORLD Architect & Builder Awards 2019 (CWAB 2019) got bigger and smarter as it collaborated with the 6th SM@RT URBANATION event, recognising and awarding over 40 leading architects and builders in India. (For more details, turn to page 52.)

Kunal Kumar, Joint Secretary, Smart Cities Mission Director, Ministry of Housing & Urban Affairs, Government of India, launched the recent Smart Cities Progress Report at the Summit. "Of the 5,000 projects that 100 cities had proposed, we have tendered out 3,880 projects worth ₹1,418 billion; grounded 3,100 projects worth ₹1,004 billion; and completed 1,100 projects worth over ₹201 billion," he said. "This is only one aspect of what the mission has achieved. The remaining projects are expected to be tendered out by March 2020." The report includes all the recent data from the Ministry of Housing and Urban Affairs on completed, operational and under-implementation projects and tenders floated.

Kicking off the event on the right



Day 1: Session 1 on Smart City Opportunities: (L-R) Mahesh Moroney, Dy CEO, Nagpur Smart and Sustainable City Development Corporation; (Session Moderator) Adam Beck, Executive Director, Smart Cities Council Australia; Rajesh Mathur, Vice Chairman, Esri; Dr Shalini Rajneesh, Chairman, Tumakuru Smart City; Prakash Gaur, CEO, Andhra Pradesh Urban Infrastructure Asset Management.

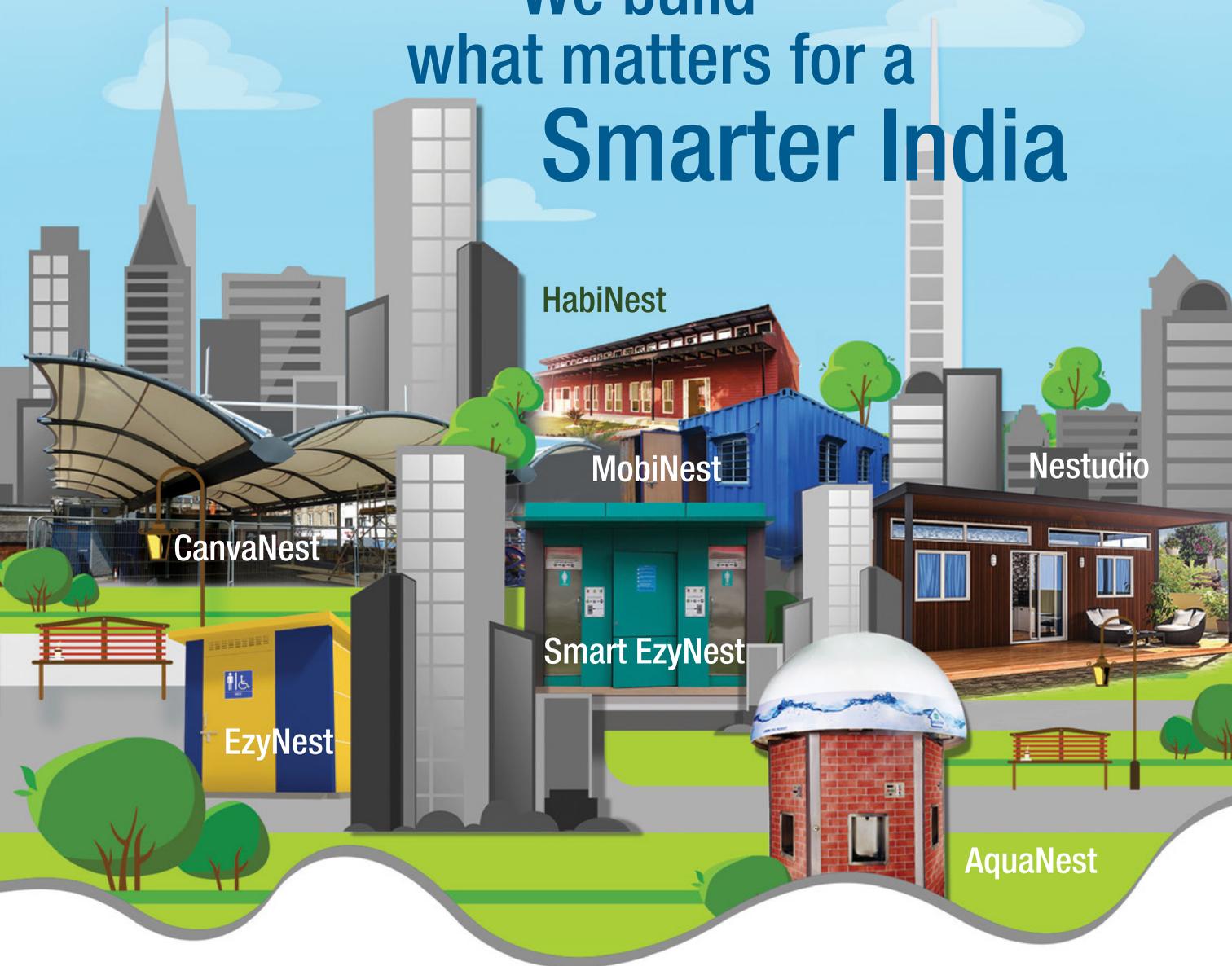
Smart Urbanation: Partners

- **Host State Partners:**
Government of Karnataka, KUIDFC
- **Platinum Partner:**
Shapoorji Pallonji
- **Silver Partners:**
Western Digital, CDE Asia
- **Associate Partners:** TOMTOM, Duradoor, Esri India, Itron
- **Supporting Partners:**
Association of Information Technology, Bengaluru; Electronics City Industries' Association; Computer Society of India, Bengaluru; Bangalore Chamber of Industry & Commerce; Indo-American Chamber of Commerce



Day 1: Session 2 on Tackling Traffic Tantrums: (L-R) Vinod Kumar Poomalai, Strategic BDM-APAC Tom Tom; (Session Moderator) Vivek Mittal, Director Consulting, Deloitte Touche Tohmatsu India LLP; Dr Rajendra Jagtap, CEO, Pune Smart City Development Corporation; Raj Cherubal, CEO, Chennai Smart City; Hepsiba Rani Korlapati, Managing Director, SCM Bengaluru; and Sumit Banerjee, Ex CEO, Reliance Infrastructures.

We build what matters for a Smarter India



At Nest-In, we believe that the nation's progress is linked to its infrastructure and amenities. From providing technologies that address the vast demand for quick and quality housing, employing high quality steel for smart construction, taking care of sanitation and hygiene to even providing safe drinking water. Nest-In believes in building exceptional customer experiences that spawn the way for an Urban India.

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Vending Kiosks

EzyNest
A Tata Steel Product
Durable
Modular Toilets

SMART EzyNest
A Tata Steel Product
Intelligent
Public Toilets

MobiNest
A Tata Steel Product
Portable
Cabins

Neststudio
Premium
Housing Solutions

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Day 1: Session 3 on Safe-T Public Safety Through the Lens of Technology: (L-R) **Anand Venkitachalam**, Vice President-Silicon Technology and Manufacturing, India, Western Digital; **Samhita Sharma**, Head Smart Infrastructure, Microsoft India; (Session Moderator) **Rajashree Rao**, Head of Partnerships & Ecosystem (APAC) At R² Data Labs, Rolls Royce; **Madhav Ragam**, Vice President-Government and Healthcare, IBM Asia Pacific; and **Kalyan Kolachala**, IOT & Unified Offerings Solutions Director, Hitachi Vantara.



Falguni Padode, Co-Founder & Group Managing Editor, ASAPP Info Global Group addressing the attendees.

note, **Pratap Padode**, Founder & Director, Smart Cities Council India, said in his welcome address, "The opportunity for building cities that last centuries is available to our current leaders. The Delhi-Mumbai Industrial Corridor has planned eight industrial cities. Planned to come up around a radial distance of about 25 km from the proposed international airport at Navi Mumbai, NAINA city will be developed on just over a 334-sq km plot. Its development plan was recently cleared. Navi Mumbai was probably the last greenfield city that was planned and it has held its course. China has developed 30 cities in the past 30 years with over 1 million population. India has 53 cities or rather urban agglomerations with over 1 million population while China has over 160. The municipal act needs an overhaul if we expect commitment to building sustainable cities that will last centuries."

To make urbanisation a positive and productive transformation that

The two-day conference featured more than 80 high profile national and international speakers and witnessed a footfall of 1,500 attendees.



Day 2: Session 1 on Building Affordable Cities: (L-R) **Adam Beck**, Executive Director, Smart Cities Council Australia; **Jagdish Salgaonkar**, Sr Vice President, AECOM and Programme Director, Dholera Industrial City; (Session Moderator) **Koh Lin Ji**, Group Director, International Development, Building & Construction Authority, Singapore; **Dr Rashmi Singh**, Secretary, NDMC and Director, NDMC Smart City; **Vasu Agrawal**, Director-Project Management, Colliers International India; and **Vikash Chandra**, Finance & PPP Expert, Deloitte Touche Tohmatsu India LLP.



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will deliver long-term gains to citizens, **Vijay Bhaskar TM**, Chief Secretary, Government of Karnataka, elaborated upon the three goals of social equitability, economic viability and environmental sustainability. He added, "Urbanisation manifests itself in two ways: Expansion of existing cities and creation of new ones. The unprecedented urban growth that is expected, especially in countries such as India, will require a wide range of policies and practices to be conceptualised around a new socially inclusive and environmentally friendly paradigm. The current situation holds tremendous potential for governments to build cities of the future that can serve as engines of growth by attracting talent and investment in the global competitive landscape."

Addressing the audience, **Anjum Parvez**, Principal Secretary, Urban Development Department, Government of Karnataka, said, "Every city is trying to become smart and this is a positive development happening in our country. While smart is the new buzzword, we have started late. It is only in the late '90s that we started talking about urban development. Today, there is a need to focus on the development of rural areas and create job opportunities in these areas. Also, today, we are no more just learners; we are contributors. The smart cities scheme has been a catalyst in changing the way we look at urbanisation."

Indeed, Smart Urbanation was a grand gathering of industry stalwarts. The two-day conference focused on various opportunities and pertinent solutions with regards to smart cities. Don't miss our photo gallery that introduces you to the high-profile speakers and dignitaries. And read on to know more about the exhibition and winners of the Smart Cities Awards.



Day 2: Session 2 on From Trash to Treasure Managing Waste and Water: (L-R) (Session Moderator) **Saloni Saran Goel**, Environment & Sustainability Change Maker; **Sridhar Pabbisetty**, Chief Enabler, Centre For Inclusive; **Randeep D**, IAS, Additional Commissioner, Solid Waste Management, BBMP; **Sophie Walkar**, COO & Co-Founder, DSPOSAL; and **Manish Madhogaria**, Executive Director & CFO, CDE Asia.



With an august audience, the event outlined India's urban reality and future.

Smart Cities Progress Report: Of the 5,000 projects that 100 cities had proposed, 3,880 projects worth Rs1,418 billion has been tendered out; and 1,100 projects worth over Rs 201 billion has been completed.



Day 2: Session 3 on Powering Up: Meeting India's Energy Needs: (L-R) (Session Moderator) **Rao Munukutla**, Chief Real Estate Officer, Bangalore International Airport (BIAL); **AK Joshi**, Chief Engineer, NDMC Smart City; **Debashish Chakraborty**, General Manager-Strategic Alliances, Schneider-Electric; and **Sriram Kuchimanchi**, Founder And CEO, Smarter Dharma.

5th Smart Cities Awards 2019

Smart Urbanation was all about celebrating the best smart cities in India. On September 25, city strategies, projects, officials and innovative ideas in line with promoting sustainable urban development around the globe were honoured. Most important, the cities and officials recognised were those who have made the smart cities experience real for their true stakeholders – the citizens!

Cities were recognised under the following categories: 'Most Popular CEO Awards', for those who have contributed towards the successful transformation of cities; 'Smart Project Awards', for the highest citizen benefitting project in India; 'Innovation Hub Awards', for the creators and innovators; and 'AMRUT Cities Awards'. Smart Cities Council India partnered with Deloitte to facilitate the Smart Project Awards.

Smart Public Safety



(L-R) **Kunal Kumar**, Joint Secretary & Mission Director, Smart Cities Mission, Ministry of Housing & Urban Affairs, GoI; **Anjum Parvez**, Principal Secretary, Urban development Department; Government of Karnataka; **Pratap Padode**, Founder & Director, Smart Cities Council India; and **Jitendra Mandalia**, Associate Director, Vadodara Smart City Development.

Winner:
Vadodara Smart City Development for the City Command and Control Project

Smart Solid Waste Management



(Second from L-R) **Prabhakar Panday**, CEO, Bilaspur Smart City; **Kunal Kumar**; **Anjum Parvez**; **Pratap Padode**; and **Om Prakash Bhardwaj**, City Engineer, Bhopal Smart City Development Corporation.

Special Mention:
Bhopal Smart City Development Corporation for Solid Waste Vehicle Tracking System Project; and Bilaspur Smart City for the Municipal SWM Project.

SMART CITIES AWARDS 2019: WINNERS

Smart Project Awards

Smart Public Safety

- Integrated Command and Control Centre – Vadodara (WINNER)

Smart Solid Waste Management

- BBMP & Fresh Water Treatment Project – Bengaluru (WINNER)
- Smart Underground Waste Collection System – Surat (RUNNER-UP)
- Municipal SWM – Bilaspur (SPECIAL MENTION)
- Solid Waste Vehicle Tracking System – Bhopal (SPECIAL MENTION)

Smart Transportation

- Chalo Mobile – Bhopal (1st Runner-Up)
- Automatic Fare Collection System – Surat (SPECIAL MENTION)

Smart Citizen Service Delivery

- Mobile Application for Citizen Centric Services – Delhi (WINNER)
- One City One App – Gwalior (RUNNER-UP)
- Sensory Park Project – Chennai (SPECIAL MENTION)

Smart Energy

- Smart Metering Solution for NDMC – Delhi (WINNER)
- Smart Light LED conversion and wind power – Ahmedabad (WINNER)
- Wind Power Plant for water supply services in the Surat Smart City Area (RUNNER-UP)

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Smart Solid Waste Management



1st Runner Up: Surat Smart City Development for the Smart Underground Waste Collection System Project

(L-R) Anil Goplani, Chairperson, Surat Smart City Development; Kunal Kumar; Anjum Parvez; Pratap Padode; and Chaitanya Bhatt, CEO, Surat Smart City Development.

Smart Solid Waste Management



Winner: Bengaluru Smart City for the BBMP & Fresh Water Treatment Project

(L-R) Kunal Kumar; Anjum Parvez; Pratap Padode; and Nalini Atul, Joint Managing Director, Karnataka Urban Infrastructure Development & Finance Corporation (KUIDFC).

Smart Transportation



Special Mention: Surat Smart City Development for the Automatic Fare Collection System

(L-R) Chaitanya Bhatt, CEO, Surat Smart City Development; Anil Goplani, Chairperson, Surat Smart City Development; Kunal Kumar; Anjum Parvez; and Pratap Padode.

Smart Transportation



1st Runner-Up: Bhopal Smart City Development Corporation for Chalo Mobile App Project

(L-R) Kunal Kumar; Anjum Parvez; Pratap Padode; and Om Prakash Bhardwaj, City Engineer, Bhopal Smart City Development Corporation.

Smart Citizen Service Delivery



Special Mention: CHENNAI SMART CITY for the Sensory Park Project

(Second from L-R) Kunal Kumar; Anjum Parvez; and Pratap Padode; (extreme right) Raj Cherubal, CEO, Chennai Smart City.

Smart Citizen Service Delivery



1st Runner-Up: Gwalior Smart City Development Corporation for One City One App Project

(L-R) Kunal Kumar; Anjum Parvez; Pratap Padode; and T Bindu Sara, DGM, BCITS, Bengaluru (received the award on behalf of the city CEO).

Smart Citizen Service Delivery



NDMC Smart City for the Mobile Application for Citizen Centric Services

(L-R) **AK Joshi**, Chief Engineer, NDMC Smart City; **Kunal Kumar**; **Anjum Parvez**; **Dr Rashmi Singh**, Director, NDMC Smart City; and **Pratap Padode**.

Smart Energy



1st Runner-Up: Surat Smart City Development for the Wind Power Plant for Water Supply Services

(L-R) **Chaitanya Bhatt**; **Anil Goplani**; **Kunal Kumar**; **Anjum Parvez**; and **Pratap Padode**.

Smart Energy



NDMC Smart City for Smart Metering Solution for NDMC Project and Ahmedabad Smart City for Smart Light LED Conversion and Wind Power Project

(L-R) **AK Joshi**; **Dr Rashmi Singh**; **Kunal Kumar**; **Anjum Parvez**; **Pratap Padode**; and **Prayag Langoriya**, Chief Officer, Ahmedabad Smart City

SMART CITIES AWARDS 2019: WINNERS

Most Popular SPV CEO Award

- **Winner:** T Bhoobalan, CEO, Tumakuru Smart City
- **1st Runner-Up:** Chaitanya Y Bhatt, CEO, Surat Smart City
- **2nd Runner-Up:** Nipun Vinayak, CEO, Aurangabad Smart City Development Corporation



Winner: (Right) **Ajay V**, KAS, Joint MD, Tumakuru Smart City received the award on behalf of **T Bhoobalan**.



1st Runner up: (Left) **Chaitanya Y Bhatt** receiving the award.



2nd runner-up: (Second from right) **Nipun Vinayak** receiving the award.

Start-up Innovation Hub Awards

- **Winners:** Devic Earth and Oceo Water
- **1st Runner-Up:** Maxlite ACC Blocks
- **2nd Runner-Up:** Hexgro Sustainable Solutions

AMRUT Cities Awards

- Surendranagar-Dudharej Nagarpalika, Gujarat
- Nagar Palika Parishad Betul, Lakshadweep
- Nagar Palika Parishad Neemuch, Madhya Pradesh
- Mainpuri Nagar Palika Parishad, Uttar Pradesh

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Smart Cities Expo 2019

With 30 exhibitors, the smart cities expo was a grand success that witnessed a footfall of over 1,200 visitors. These included high-profile dignitaries such as **Kunal Kumar**, Joint Secretary, Smart Cities Mission Director, Ministry of Housing & Urban Affairs, Government of India; **Anjum Parvez**, Principal Secretary, Urban Development Department, Government of Karnataka; **Bhaskar Rao**, IPS, Commissioner, Bangalore Police; **Vijay Bhaskar TM**, Chief Secretary, Government of Karnataka; and **Dr David Fisher**, Founder and Chairman, Dynamic Architecture; among others.



(L-R) Dr David Fisher in conversation with GV Khedkar, Director, TAC System Formwork.



Smart Urbanation Expo 2019 was inaugurated by **Vijay Bhaskar TM**, Chief Secretary, Government of Karnataka.



(Left) **Pratap Padode** and (centre) **Anjum Parvez** at the Everest Industries stall.



(L-R) **Dr EV Ramana Reddy**; **Bhaskar Rao** and **Nalini Atul** at the expo.



Anjum Parvez at the ESRI India stall.



(Extreme Left) Nalini Atul at the expo.



Anjum Parvez at the Shapoorji Pallonji stall.



Anjum Parvez at the TomTom stall.



Anjum Parvez at the Karnataka Pavillion.



Kunal Kumar at the Icon Enterprise stall.



Vijay Bhaskar TM at the Duradoor stall.



Anjum Parvez at the CDE Asia stall.

For more details on Smart Urbanation 2019, write in at feedback@ConstructionWorld.in