

# Conference Report



## Elets Smart City Summit Gurugram: Finding Ways to Move Forward for Urban Transformation

The Municipal Corporation of Gurugram along with Elets Technomedia, Asia & Middle East's premier media and technology research organisation, hosted one of its kind 'Smart City Summit' in Gurugram, Haryana on 1 February 2018. The day-long conference was inaugurated by Durga Shanker Mishra, Secretary, Ministry of Housing & Urban Affairs, Government of India.

Elets Technomedia has pioneered dedicated conferences on Smart Cities, with the journey starting from 2010. The summit in Gurugram was Elets' 26th conference and we are aiming to reach to all 100 smart cities to create knowledge sharing platforms like this.

'Smart City Summit Gurugram' saw presence of the Policymakers, Smart City Administrators from various parts of India, Industry Leaders and Thought Leaders as well as Ambassadors who discussed various components of building smart cities.

Let us take you to the detailed happenings of the summit .



## Inaugural Session

### The Millennium City on Smart Path

- Over Rs 3,000 crore worth of projects under the Smart Cities Mission have been completed
- Liveability of cities is the crux of building Smart Cities. Smart City is all about best Livability
- We have to maximise the use of available resources through technology to make this mission a reality
- To provide smart services to the citizens, a better urban planning, a better housing, a better mobility plan is necessary

#### **DURGA SHANKER MISHRA**

Secretary

Ministry of Housing & Urban Affairs  
Government of India



Dr Ravi Gupta, CEO, Elets Technomedia Pvt Ltd, Ajay Girotra, Managing Director, AG Dauters Waste Processing Pvt Ltd, Bimal Dayal, CEO, Indus Towers, Jan Luykx, Hon'ble Ambassador, Embassy of Belgium, Madhu Azad, Hon'ble Mayor, Gurugram Municipal Corporation, Durga Shanker Mishra, Secretary, Ministry of Housing & Urban Affairs, Government of India, Suresh Shah, Chairman, eSmart Energy Solutions Pvt Ltd, Narhari Banger, Additional Commissioner, Municipal Corporation of Gurugram, Rajiv Banga, Managing Director and CEO, IL&FS Rail Limited and other dignitaries launching the special issue of eGov magazine.

- We are in touch with the Government agencies to set up 120 plants in India
- We need a small space to set up plant which will greatly reduce the electricity bills of Municipal Corporation
- We will use the waste to convert it into water, energy and power
- We have converted a thermal power plant
- We have a global demonstration centre in the US as well



**AJAY GIROTRA**  
Managing Director  
AG Dauters Waste Processing Pvt Ltd

- The pillars of Smart City has been sustainability, participation of the citizens, companies and the authorities.
- Belgium Smart Cities are developing on six major lines- smart living, smart mobility, smart environment, smart people, smart economy and smart governance
- We have made a lot of technologies available to India



**JAN LUYKX**  
Ambassador  
Embassy of Belgium

- We have started saving energy the smart way
- 10,000 LED lights in a city is saving at least one megawatt of power
- The Government has come out with good incentives for promotion of smart lights
- The Government gives special incentives if investment is made in energy saving



**SURESH SHAH**  
Chairman  
eSmart Energy Solutions Pvt Ltd

- Smart City is a geography where all services are provided through a connected network
- This connectivity is the first ingredient for all services to hang together
- It is important for a Smart City to have a digital infrastructure in place
- We are trying to educate people as to how e-governance can pull up in rural areas



**BIMAL DAYAL**  
CEO, Indus Towers

**Panel Discussion:  
Importance of  
Effective Urban  
Mobility &  
Transport,  
Sustainable Energy  
& Infrastructure to  
Make Futuristic  
Cities**



Distinguished panelists during a group photo at the event

- We are trying to see how the sharing concept can be used for the transport of the city
- Bhopal has started use of solar energy in a big way
- Solar panels will be put on all the banks of Bada Talab
- Capacity building of police is very important



**DR SUDAM KHADE**  
Collector & District Magistrate  
Bhopal and Chairman, Bhopal Smart City Limited

- Integration of projects is important
- Smart City gives an excellent opportunity to integrate
- With Bhopal, we are going to start cycle sharing concept
- The emphasis is on last mile connectivity
- In the ABD area, we are starting DPR for Smart Grid



**RAJ CHERUBAL**  
Chief Executive Officer  
Chennai Smart City Limited

- We have installed solar energy panels in the depot which is under the Energy Service Company (ESCO) model and will take care of the entire operations of the daytime
- Our all 8 stations are platinum certified by Indian Green Building Council (IGBC)
- System is designed as barrier-free for physically challenged people



**MAHENDRA KUMAR**  
Director  
Lucknow Metro Rail Corporation Limited



## Panel Discussion: Building Smart Cities: Challenges & Opportunities



Distinguished panelists during a photo-op at the event

- BSNL is providing services to Lakshadweep
- The Government of India is taking keen interest in laying optical fibre cable
- TCIL will lay the fibre which will speed up the e-governance initiatives
- The capital Kavaratti has been selected in the fourth round of the Smart Cities Mission



**VIVEK PANDEY**  
Advisor to Administrator  
Lakshadweep

- Rs 2,000 crore riverfront project will develop it in a smart way. All the lighting, parking and other solutions are integrated
- We believe that Internet of Things is the way of future
- We want to integrate this riverfront project with other river projects in the State
- The Aminsha Nallah project has an integration of STPs and SCADA



**HAULIANLAL GUITE**  
Secretary  
Jaipur Development Authority

- We are building STP on the river with a capacity of 20 MLD
- We have issued an order to triple the capacity to 60 MLD
- We have laid sewerage lines to areas which were not connected to sewers earlier
- The networking of sewers have increased from 20 to 62 per cent



**SIDHARTH SIHAG**  
Commissioner  
Udaipur Municipal Corporation and CEO, Udaipur Smart City Limited

- We are working on smart parking through Public Private Partnership mode
- The Special Purpose Vehicle has to be self sustainable in next 4.5 years and PPP will make it sustainable
- We have engaged the citizens in the first heritage walk of the central India in Raipur



**GAURAV MISHRA**  
Chief Operating Officer  
Raipur Smart City Limited

- We have already deployed a centralised Internet of Things platform with a visualisation and response layer. We have delivered this platform to 2-3 cities and we are proposing it to different cities
- We are bringing efficiency with the Wi-Fi cities
- We have created Customer Experience service at Gurugram in HPE office where Smart City solutions can be seen working live



**VIKAS HOODA**  
Country Head-Solutions & Future Cities, HPE



## Panel Discussion: Leveraging New Age Technologies to Make Futuristic & Sustainable Cities



- Ujjain is a Smart City with an area of just 92 sq kms
- Bike system can provide last mile connectivity in the city
- People of Ujjain have themselves selected the bikes for riding
- We have specially developed 25 kms of roads in and around Mahakal Mandir where we have undertaken under ducting, OFC cables, gas pipelines, electricity etc



**AWDHESH SHARMA**  
Chief Executive Officer, Ujjain Smart City Limited

- The interoperability and sustainability of projects is very important
- Projects being implemented in one city should be interoperable in other cities as well
- We create social media centres for various Government sectors like UP Government, Labour Department etc.



**GEORGE KURUVILLA**  
Chairman & Managing Director  
Broadcast Engineering Consultants India Limited ( BECIL)

- The electrical network of Naya Raipur is underground
- We have completed 55 kms of LED street lighting three years back. It is also network controlled
- We have started the BRTS in Naya raipur which was inaugurated by Prime Minister Narendra Modi
- We have the largest man made jungle safari spread over an area of 800 acres



**SALIL SRIVASTAVA**  
Engineer-in-Chief  
Naya Raipur Development Authority

- HPE brings the road which takes the infrastrucutee from different applications and networks to the data centre
- We give the technology a platform to citizens, Municipal bodies and Government departments
- We have been doing innovations across Command Control Centre



**AMIT BANSAL**  
Business Lead- Smart Cities, HPE



## Panel Discussion: Smart & Sustainable Cities: Smart Health, Waste & Water Management through Innovation



- We have taken good initiatives in supply side of water in Rajasthan
- The State is in the first phase of creating water grid also where we will be transferring the water from surplus river basins to deficit river basins
- There are drinking water and irrigation projects coming up in the State



**AJITABH SHARMA**  
Commissioner, Fisheries Department, Government of Rajasthan



**DR GAURAV DAHIYA**  
Mission Director  
National Health Mission, Government of Gujarat

- Urban Health has to be mixed with the town and country planning
- Urban Health centres have to be increased in accordance with the growing population
- Counselling centres have to be upgraded to check psychiatric diseases
- Urban health programme has to look into the scare of malaria and dengue as well

- We are trying to sort out our mobility problems
- We have offices of around 200 global companies who featured in Forbes 500 list
- We have created our office functioning as paperless, cashless and faceless
- More than 50 per cent transactions of tax is cashless in Gurugram
- We are planning for city bus services



**NARHARI BANGER**  
Additional Commissioner  
Municipal Corporation of Gurugram



**SUDHIR SINGH CHAUHAN**  
Senior Town Planner  
Municipal Corporation of Gurugram

- Gurugram is developing in parts
- Through Gurugram Development Authority, services will be better
- We have declared Najafgarh lake as a wetland

## INDUSTRY PRESENTATION



Gurugram Municipal Corporation's official newsletter was launched at the summit

- Punctuality of the metro has been 99.88 per cent
- We have no serious issues of safety
- We have full capability of developing and delivering solutions and the operations of the world class standard
- There should be more effort in making the public transport sustainable and convenient so that people behaviour goes through this transportation



**RAJIV BANGA**  
Managing Director and CEO  
IL&FS Rail Limited



**MOHD ASIF KHAN**  
Senior Marketing Manager for Public Segment & Smart  
Cities, Philips Lighting

- Smart Lighting system can help in diagnosing the faults of the entire area
- This system allows remote monitoring, remote management and remote maintenance of the lights
- Public lighting is for citizens and gets noticed by people and make them feel safer

- We play a key role in sensitising various stakeholders to come together to identify the problems Gurugram is having
- We lay down certain parameters for a Smart City in identifying natural resources
- We try to go by focussed approach by various recommendations and try to execute it by voluntary and outsourcing bodies.



**COL. (RETD.) PRAKASH TEWARI**  
Executive Director- CSR, DLF Limited



**S RAJESH KUMAR**  
Tech Lead, Juniper Networks

- Juniper can offer end-to-end solutions where we can start building infrastructure with all the capabilities, agility, virtualisation etc
- Software defined security network collects data of threats across the globe and then push the threat factors critical for the network dynamically to the entire network

- We propose specialised medicine carrying vehicles in which insulated chambers can solve the problem of transporting critical medicines to be transported from one hospital to another
- Cars for physically challenged to enable them who are not fortunate enough to drive vehicles normally



**SIMRAN KAUR**

Vice President - Sales & Marketing, Speedways Electric

- There can be a PPP model where all the passive infrastructure can be adopted for smart solutions, improve connectivity and generate revenue
- In Vadodara Smart City, we are giving smart billboards, wi fi, i-pole etc
- 200 kms of public optical fibre will be laid in Vadodara
- All the street furniture will match the original flavour of Vadodara



**NEELESH KELKAR**

National Head- Smart Cities  
Indus Towers

- We are serving 250 distinguished urban and local bodies and have delivered more than 1,000 crores worth of project
- We are providing bins for the segregation of waste
- We have provided light tippers to heavy vehicles for garbage collection
- We have supplied de-silting and de-choking machines to various municipalities



**HEMANTH KUMAR**

Head-Business Development  
Automotive Environmental Solution

- We should develop some greenfields cities now
- We have the industrial corridor coming up where the industries employment is created
- Smart Cities should be created where schools, hospitals facilities are there so that employment is generated there and then only
- We are going for the ICT and energy saving solutions



**SANJOY MUKHERJEE**

General Manager  
Engineers India Limited

- Citizen centric activities are important
- MCG is pioneer in putting citizen engagement at the core of all their projects
- We partnered with MCG last year during the Dengue outbreak to use social media handles for reporting about water hoarding places
- MCG is working on citizen engagement through newsletters to create a two-way dialogue



**RAJNEESH CHOWDHURY**

Lead - Stakeholder Engagements and Strategy at The Practice



**GURUGRAM'S RAPID METRO RIDE WAS ORGANISED ON THE SIDELINES OF THE CONFERENCE**





Ajay Girotra, Managing Director, AG Dauters Waste Processing Pvt Ltd being felicitated by Durga Shankar Mishra, Secretary, Ministry of Housing and Urban Affairs, Government of India



1. Bimal Dayal, CEO, Indus Towers was felicitated with the "Visionary CEO Award" at the summit.
2. Suresh Shah, Chairman, eSmart Energy Solutions was given the leadership award for providing IT based energy efficient solutions in Smart Cities by Durga Shankar Mishra, Secretary, Ministry of Housing and Urban Affairs.
3. Rajiv Banga, Managing Director and CEO, IL&FS Rail Limited was presented with the Leadership Award for implementing the world's fully privately financed metro.
4. Col. (Retd.) Prakash Tewari Executive Director-CSR, DLF Ltd being honoured at the Smart City Summit, Gurugram.



1. Mukesh Bansal, Chief Executive Officer, Naya Raipur Development Authority (NRDA) and Salil Srivastava, Engineer-in-Chief, Naya Raipur Development Authority felicitated by Madhu Azad, Mayor, Gurugram Municipal Corporation and Narhari Banger, Additional Commissioner, Municipal Corporation of Gurugram.
2. Haulianlal Guite, Secretary, Jaipur Development Authority, felicitated by Madhu Azad, Mayor, Gurugram Municipal Corporation and Narhari Banger, Additional Commissioner, Municipal Corporation of Gurugram.
3. Dr Sudam Khade, Collector & District Magistrate, Bhopal and Chairman, Bhopal Smart City Limited being felicitated at the Smart City Summit, Gurugram.
4. Jagmohan, Chief Operating Officer, Shreertron India Limited, Government of Uttar Pradesh being honoured during the summit.
5. Gaurava Mishra, Chief Operating Officer, Raipur Smart City Limited being recognised and honoured at the Smart City Summit, Gurugram.
6. George Kuruvilla, Chairman & Managing Director, Broadcast Engineering Consultants India Limited ( BECIL) was felicitated at the summit.
7. Awdhesh Sharma, Chief Executive Officer, Ujjain Smart City Limited being felicitated at the summit participated by country's who is who.
8. Dr Gaurav Dahiya, Mission Director, National Health Mission, Government of Gujarat being felicitated at the summit.



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# elets SMART CITY SUMMIT

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## GURUGRAM

1 February 2018

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