

**แบบฟอร์ม**  
**ข้อมูลพื้นฐานเกี่ยวกับกิจกรรมเชิงธุรกิจในต่างประเทศ**  
**(เพื่อประกอบการพิจารณาเข้าร่วมของผู้ประกอบการไทย)**

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**I. เกี่ยวกับงาน/กิจกรรม**

1.1 ชื่องาน/กิจกรรม SMART CITIES INDIA 2015

1.2 ผู้จัด  หน่วยงานภาครัฐ/ภาคเอกชนของประเทศเจ้าบ้าน

สอท./สกก. หรือส่วนราชการไทยในท้องถิ่น

1.3 ลักษณะของงาน/กิจกรรม (โปรดใส่เลข 1-3 เพื่อเรียงลำดับลักษณะของงาน)

..... งานที่จัดขึ้นเพื่อส่งเสริมภาพลักษณ์ของประเทศเจ้าบ้านเป็นสำคัญ (อาทิ เพื่อให้เมืองมีความเป็นสากล/เป็นที่รู้จักในต่างประเทศมากยิ่งขึ้น แต่ผู้จัดยังไม่สามารถทำให้เป็นเวทีทางธุรกิจได้อย่างแท้จริง)

งานแสดงสินค้า /จับคู่ธุรกิจ (ไม่เน้นการขายปลีก)

..... งานออกร้านจำหน่ายสินค้า (เน้นการขายปลีก)

1.4 ความสำคัญ/จุดเน้น (theme) ของงาน รัฐบาลอินเดียมีนโยบายจะสร้าง Smart Cities 100 แห่ง และได้เชิญชวนเอกชนต่างชาติร่วมลงทุน โดยในขณะนี้หลายประเทศ เช่น สิงคโปร์ อังกฤษ สหรัฐฯ และออสเตรเลีย ที่ได้เสนอตัวร่วมพัฒนา Smart Cities กับอินเดีย สำหรับไทย Smart Cities หมายถึงโอกาสสำหรับเอกชนไทย โดยเฉพาะในสาขาที่เกี่ยวกับการพัฒนาเมือง เช่น ก่อสร้าง อาหาร สาธารณสุข นอกจากนี้ งานดังกล่าวยังจะมีการสัมมนาเพื่อระดมความเห็นเกี่ยวกับแนวคิดในการสร้าง Smart Cities จึงเป็นโอกาสในการรับฟังและแลกเปลี่ยนความเห็นและประสบการณ์เกี่ยวกับการพัฒนาชุมชนเมืองอย่างยั่งยืนซึ่งจะเป็นแนวโน้มของการพัฒนาในอนาคต

1.5 จำนวนผู้เข้าชมงานที่คาด/ในปีที่ผ่านมา (โดยประมาณ) จัดเป็นครั้งแรก

**II. เกี่ยวกับคูหาไทย**

2.1 จำนวนคูหาของฝ่ายไทยทั้งหมดที่ สอท./สกก. จะจัด/ได้รับการประสานงานให้จัดหา ตามแต่ความสนใจของเอกชน

2.2 จำนวนคูหาของฝ่ายไทยที่ สอท./สกก. ประสงค์จะให้ศูนย์ธุรกิจจัดหา ตามแต่ความสนใจของเอกชน

2.3 ขนาดคูหามาตรฐาน Shell Space 9 ตร.ม. / Raw space 18 ตร.ม.

2.4 ผู้รับผิดชอบค่าเช่าคูหา  ผู้จัด  สอท./สกก.  ผู้ประกอบการรับผิดชอบเอง



- 3.6 เอกสารประกอบอื่นๆ .....(เอกสารแนบ 1)  
.....(เอกสารแนบ 2)  
.....(เอกสารแนบ 3)  
.....(เอกสารแนบ 4)

IV. ผู้ประสานงานของ สอท./สกญ.

ชื่อ นายประพันธ์ สามพวยวรกิจ

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Department of Industrial Policy & Promotion  
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Department of Electronics & Information Technology  
Ministry of Communications & Information Technology  
Ministry of Environment, Forests & Climate Change  
Ministry of New and Renewable Energy



# Smart Cities India 2015

## Exhibition and Conference

20 21 22 May 2015

Pragati Maidan, New Delhi

*Smarter  
Solutions for  
a Better  
Tomorrow*

Organiser



Exhibitions India Group

[www.smartcitiesindia.com](http://www.smartcitiesindia.com)

# SMART CITIES INDIA

*Smarter Solutions for a Better Tomorrow*



As India's population continues to grow, more citizens will move to cities.

Experts predict that about 25-30 people will migrate every minute to major Indian cities from rural areas in search of better livelihood and better lifestyles.

It is estimated that by the year 2050, the number of people living in Indian cities will touch 843 million. To accommodate this massive urbanization, India needs to find smarter ways to manage complexities, reduce expenses, increase efficiency and improve the quality of life.

**Government of India has allocated ₹142 billion (USD 2.4 billion) for housing for all by 2022, ₹60 billion (USD 1 billion) for Smart Cities project in Budget 2015-16**



**India plans 100 new smart cities and will develop modern satellite towns around existing cities. Another 500 cities will get infrastructure development**





## SMART GOVERNANCE

Investments of about USD 1.2 trillion will be required over the next 20 years across areas like transportation, energy and public security to build smart cities in India

- **Budget 2015-16:**
  - Housing for all by 2022
  - USD 1 billion allocated for smart cities
  - USD 696 million will be spent for building 20 million houses in urban areas
  - USD 1.67 billion will be used to construct 40 million houses in rural areas
- Smart City projects to create 10-15% rise in employment
- Ministry of Urban Development has plans to develop 2 smart cities in each of India's 29 states
- Delhi Mumbai Industrial Corridor Development Corporation Ltd (DMICDC) plans seven "smart cities" along the 1,500 km industrial corridor across six states with a total investment of USD 100 billion



## SMART ENERGY

### Smart Grid

- Electrification of all households with power available for at least 8 hours per day by 2017
- Indigenous low cost smart meter by 2014
- Establish smart grid test bed by 2014 and smart grid knowledge centre by 2015
- Implementation of 8 smart grid pilot projects in India with an investment of USD 10 million

### Energy Storage

- Addition of 88,000 MW of power generation capacity in the 12<sup>th</sup> Five Year Plan (2012-17)
- India needs to add at least 250-400 GW of new power generation capacity by 2030
- The Power Grid Corporation of India Ltd has planned to invest USD 26 billion in the next five years

### Smart Meters

- India to install 130 million smart meters by 2021



## SMART ENVIRONMENT

### Renewable Energy

- Ministry of New and Renewable Energy has plans to add capacity of 30,000 MW in the 12<sup>th</sup> Five Year Plan (2012-17)

### Water and Waste Water Management

- The Indian Ministry of Water Resources plans to invest USD 50 billion in the water sector in the coming years
- The Yamuna Action Plan Phase III project for Delhi is approved at an estimated cost of USD 276 million

### Sanitation

- About 67 per cent of the rural population continues to defecate in the open, and India accounts for about 50 per cent of the world's open defecation
- The Government of India and the World Bank have signed a USD 500 million credit for the Rural Water Supply and Sanitation (RWSS) project in the Indian states of Assam, Bihar, Jharkhand and Uttar Pradesh



## SMART TRANSPORTATION

### Green Transport

- The Government of India has approved a USD 4.13 billion plan to spur electric and hybrid vehicle production by setting an ambitious target of 6 million vehicles by 2020
- Electric vehicle charging stations in all urban areas and along all state and national highways by 2027

### Railways

- **Metro:** Ministry of Urban Development plans to invest more than USD 20 billion on the metro rail projects in coming years
- **High Speed Rail:** The proposed 534 km Mumbai-Ahmedabad high speed rail project will have an investment of around USD 10.5 billion
- **Monorail:** India's first monorail project at Mumbai will cost around USD 500 million, of which USD 183 million has been spent on phase I



## SMART IT & COMMUNICATIONS

### Information and Communications Technology

- Cloud computing will evolve into a USD 4.5 billion market in India by 2016
- Broadband connections to 175 million users by 2017

### Security and Surveillance

- Under the flagship "Safe City" project, the Union Ministry proposes USD 333 million to make seven big cities (Delhi, Mumbai, Kolkata, Chennai, Ahmedabad, Bangalore and Hyderabad) to focus on technological advancement rather than manpower

### Disaster Management

- Government of India and World Bank signed USD 236 million agreement for reducing disaster risks in coastal villages of Tamil Nadu and Puducherry



## SMART BUILDINGS

- India is expected to emerge as the world's 3rd largest construction market by 2020, by adding 11.5 million homes every year
- The Intelligent Building Management Systems market is around USD 621 million and is expected to reach USD 1,891 million by 2016
- Smart Buildings will save up to 30 per cent of water usage, 40 per cent of energy usage and reduction of building maintenance costs by 10 to 30 per cent









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TWO DAYS	10,000	250
THREE DAYS	15,000	375

20% discount for 3-5 delegates from the same organisation  
30% discount for more than 5 delegates from the same organisation  
The registration fee includes entrance to the exhibition & conference, delegate kit, conference proceedings, coffee/tea, networking lunch and invite to the Exhibition Opening Ceremony. (inclusive of all taxes)

Support



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- Ministry of Environment, Forests & Climate Change
- Ministry of New and Renewable Energy

Organiser



**Exhibitions India Group**  
ISO 9001:2008 & ISO 14001:2004

Exhibitions India Group (EIG) was founded in 1987. EIG's core business is trade promotion, encouraging investments, joint ventures, and technology transfers, etc. The group acts as an interface between government, industry, media and academia. EIG is amongst few Indian exhibition organizers with ISO 9001:2008 and ISO 14001:2004 certification, and is amongst a select number of Indian organizations with membership to UFI (The Global Association of the Exhibition Industry) and IAEE (International Association of Exhibitions and Events). EIG is certified by Trace International, Inc. (USA) for transparency in international commercial transactions.

Headquartered in New Delhi, EIG has over 100 employees, and is supported by regional offices in Ahmedabad, Bangalore, Chennai, Hyderabad and Mumbai. International markets are covered by satellite offices located in California (USA), Köln (Germany), Tokyo (Japan), Nairobi, (Kenya) and Dubai (UAE).



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<b>Smart Cities India 2015 exhibition &amp; conference: Pragati Maidan, New Delhi, 20-22 May 2015</b>				
<b>Time</b>	<b>Hall 1 (Vikas)</b>	<b>Hall 2 (Swacch)</b>	<b>Hall 3 (Unnati)</b>	<b>Hall 4 (Prakriti)</b>
1100-1130	<b>Tea break</b>			
1130-1300	Roadmap for 100 smart cities - from vision to reality	Is India ready for digitalizationc	Green energy a must for Smart Cities - Session by TERI & USGBC	Oppurtunity Pathways for Smart Cities Business in India - Session by cKinetics
1300-1400	<b>Lunch</b>			
1400-1530	Smart Cities – The Indian Perspective	New and emerging technologies for Smart Cities--NASSCOM	Integration of solar energy in smart cities - Session by Ministry of New & Renewable Energy	Intelligent Transport and Mobility Systems in India - Workshop by Robert Bosch Engineering and Business Solutions Limited
1545-1715	Financing smart city initiatives in India	Smarter cities enabled through The Internet of Everything--NASSCOM	Solar Rooftop as a Game Changer - Session by Ministry of New & Renewable Energy	Intelligent Transport and Mobility Systems in India - Workshop by Robert Bosch Engineering and Business Solutions Limited
<b>DAY 2: 21 May, 2015</b>				
<b>Time</b>	<b>Hall 1 (Vikas)</b>	<b>Hall 2 (Swacch)</b>	<b>Hall 3 (Unnati)</b>	<b>Hall 4 (Prakriti)</b>
1000-1130	Coordination between Central and State Governments to implement Smart Cities	Workshop by: The European Business and Technology Centre (EBTC)	Intelligent traffic management in a smart city	Understanding quality education systems
1145-1315	Bottlenecks to transform existing city into a smart city	Workshop by: The European Business and Technology Centre (EBTC)	Role of urban mobility in Smart Cities	Technology based teaching strategies for a Digital India
1315 - 1400	<b>Lunch</b>			
1400-1530	Aspects of safety, security and surveillance in a Smart City	Smart airports & multi model transport	Innovative technologies and solutions for Smart buildings	Affordable and quality healthcare for all
1545-1715	Support from foreign countries to execute 100 smart cities project in India	Prevention/Management of emergencies and disaster in a smart city	The future of automated building in India	Session on Sensors Technology for Smart Cities - Session by DEITY

<b>DAY 3: 22 May, 2015</b>				
<b>Time</b>	<b>Hall 1 (Vikas)</b>	<b>Hall 2 (Swacch)</b>	<b>Hall 3 (Unnati)</b>	<b>Hall 4 (Prakriti)</b>
1000-1130	Smart grids in India - stability, security and network reliability	Affordable housing - an important building block for Smart Cities	Session on International Case Presentations on Smart Cities: Emergent Ventures International (EVI)	Integration of waste water management in Smart Cities
1145-1315	Swachh Bharat initiative to change the landscape for Smart Cities	Creating Green buildings in Smart Cities-Session by TERI & USGC	Panel Discussion on Rolling out plan for Smart Cities in India- Structuring, Financing, etc: Emergent Ventures International (EVI)	Framework of solid waste management in Smart Cities
1315 - 1400	<b>Lunch</b>			



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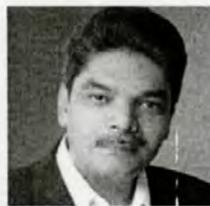
## Speakers 2015



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Former Chairman  
Airports Authority of India



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Lecturer  
Department of  
Infrastructure  
Engineering, University of  
Melbourne



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Executive Director  
Concentrix



**Dr Nagachetan  
Bangalore**  
Chief Executive Officer  
Visio Ingenii



**BM Baveja**  
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Coordinator, R&D in IT and  
CC&BT  
Department of Electronics  
& Information Technology,



**Prof Dr Sanjukta  
Bhaduri**  
Professor and HOD  
School of Planning and  
Architecture



**Shanoo Bhatia**  
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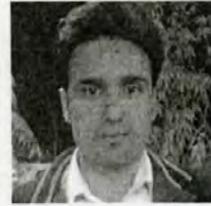
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Bombardier Trans-  
portation



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CEO  
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**Rumi Engineer**  
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