Smart Cities Mission – Challenges & Opportunities
What is Smart City?

City where digital technologies (ICT, sensors) are used for providing essential services to citizens

THE TRUE SMART CITY.....

Is she eating?  
Does she walk every day?  
Can she afford electricity?  
Is her home in a good condition?  
How much is she spending for water?  
Is the price of her house, affordable?  
How is she feeling mentally, physically?  
Does she see her family, friends, neighbours?
We need answers for their problems...

...transforming data into digital services
Smart City Mission of Government of India

The objective of the Smart Cities Mission is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions. The focus is on sustainable and inclusive development.

The strategy of the Smart Cities Mission is:

1. **Pan-city initiative** - at least one Smart Solution is applied city-wide.
2. **Develop Areas step-by-step** – three models of Area-based Developments –
   a) **Retrofitting**: Development of an existing built area greater than 500 acres
   b) **Redevelopment**: Replace existing built environment in an area of more than 50 acres and enable co-creation of a new layout,
   c) **Greenfield**: Develop a previously vacant area of more than 250 acres

   [1 Acre = 4,046.9 m²]
Urban Transformation through Smart Cities

100 urban centres chosen as Smart Cities to ensure improved quality of living, sustainable urban planning and development

Various development projects in these cities will cost ₹2,05,018 crores and positively impact about 10 crore Indians
$111 Billion opportunity

98 Smart Cities by 2020

Traffic Management Systems

33 Cities already shortlisted for Design & Construction

$15 Billion budgetary support over next 4 years for Sewerage systems & Waste Management

100% FDI allowed

Greenfield Cities
Brownfield Cities
Four Pillars: Comprehensive Development

Physical
- Energy
- Water
- Transport
- Connectivity
- Waste Management

Social
- Education
- Healthcare
- Building homes
- Entertainment
- Inclusive City Development

Economic
- Market Growth
- Job Creation
- GDP Contribution
- Livelihood Activities

Institutional
- Security
- Environment
- ICT based service delivery
- Enforcement
- Skill Development

Unlimited Opportunities…....
From Design to Implementation

- Find funds to scale up Innovation/Implementation
- Generating public support
- Assessing progress
- Assessing Needs - Every city has different needs
- Engaging all stakeholders
- Retrofitting existing legacy city infrastructure to make it smart
- Reliability of utility services
- Capacity building programme
- Multi-Tier Stakeholder Management
- Providing clearances in timely manner
“It’s not about how big we become but how we become big”

Anand Mahindra, Chairman, Mahindra Group