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SMART URBAN REGENERATION IN INDIA

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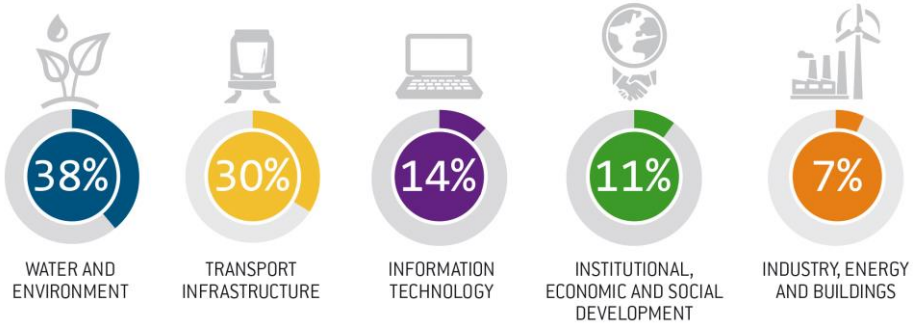
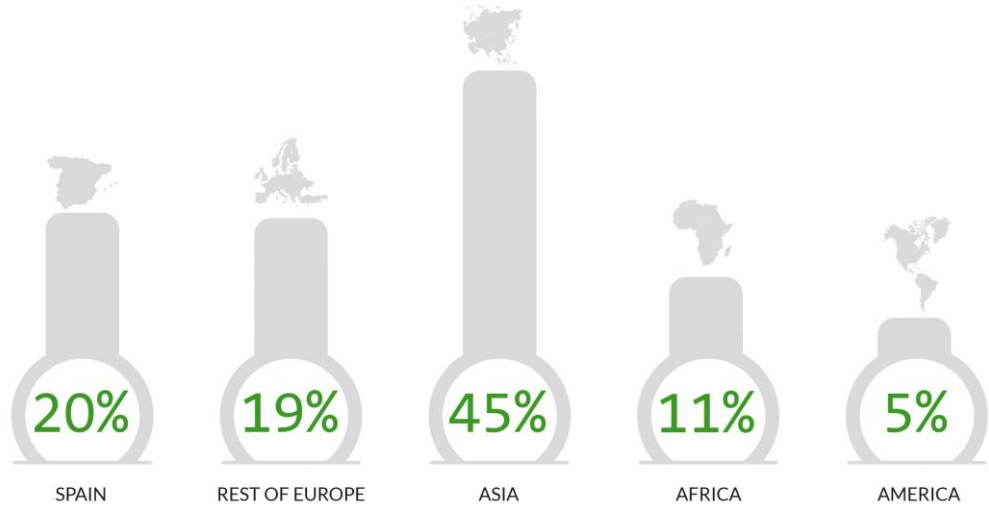
ACTIVITY BY SECTORS



GEOGRAPHIC DISTRIBUTION



- The Context

- The Challenges

- Case Example

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SMART CITY

PAN CITY

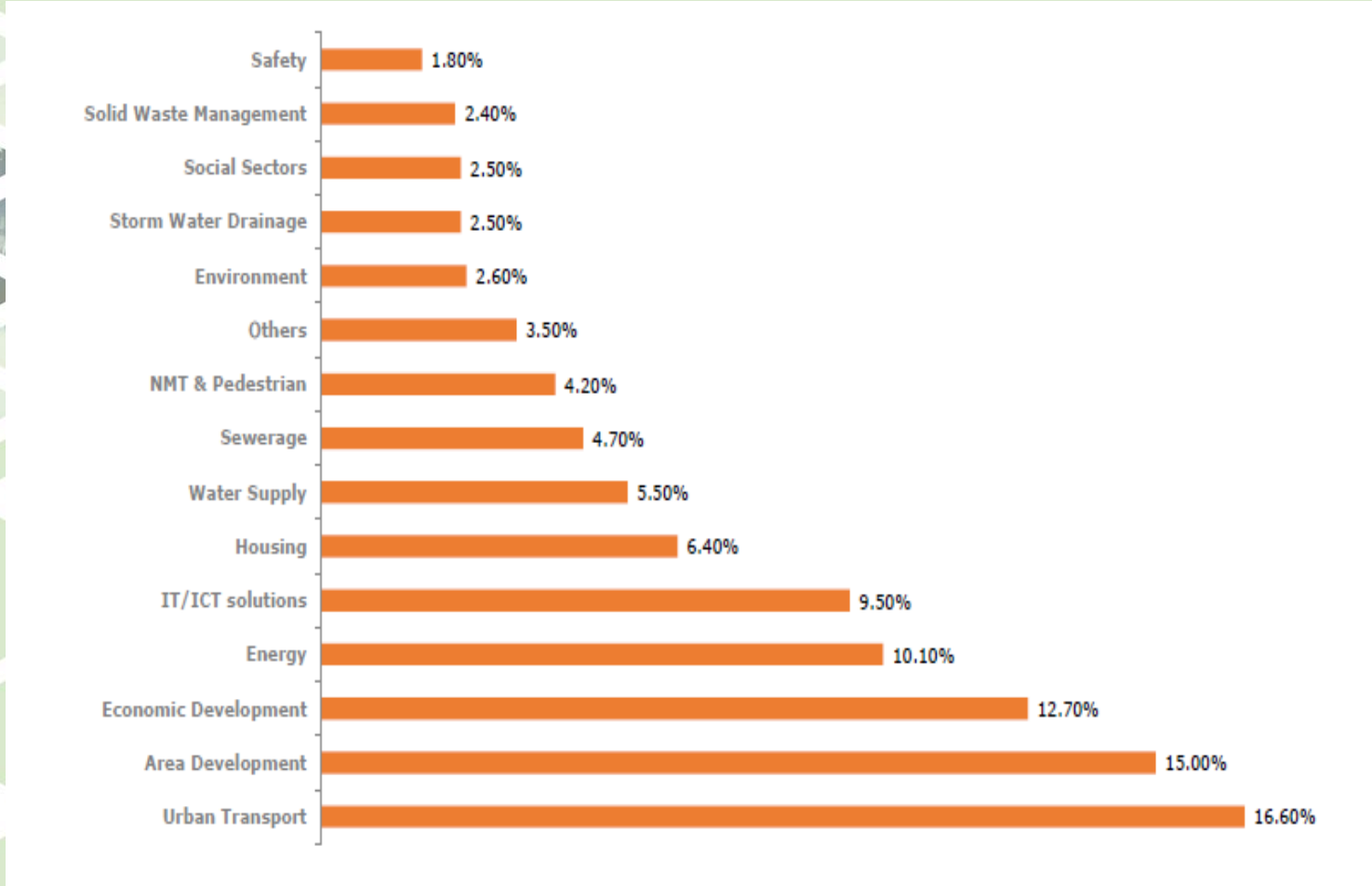
- ITM
- SMART UTILITIES NETWORK
- SMART SERVICES
- E-HEALTH
- E-GOVERMENT
- MOBILITY
- CITIZENS

AREA BASED

NEIGHBOURHOOD
DISTRICT
QUARTER

- SMART LIGHTS
- MOBILITY
- CYCLE PATHWAY
- PEDESTRIAN
- TOURISM
- HERITAGE
- .....

- MAIN STREETS
- SPECIAL AREAS



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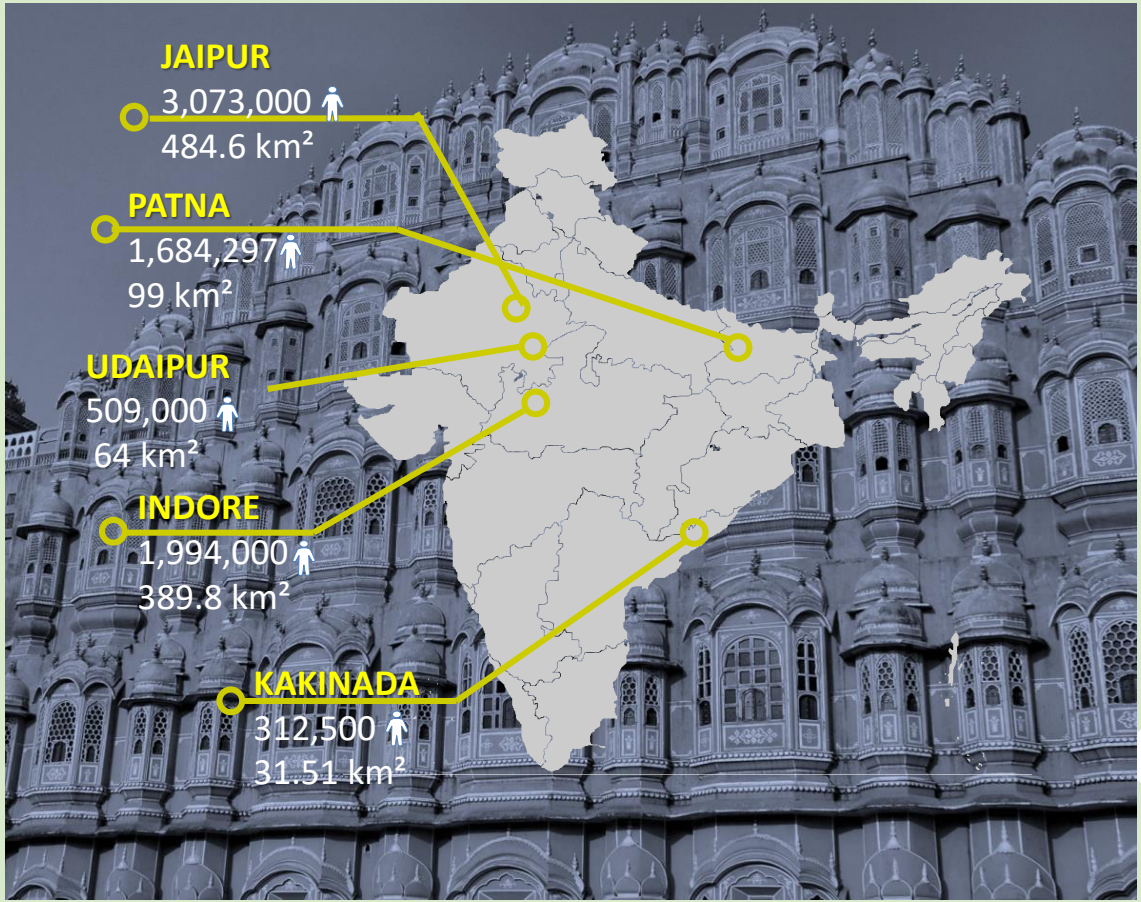
EPTISA Portfolio within India Smart Cities Mission



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The Challenges

- The highly complex and fragile urban ecosystem in Indian cities… that has been made more evident by rapid urbanization and its effects on housing, Mobility, sanitation, environmental problems…

- Filling the gaps between the Master Planning Stage and the implementation

- Prioritization of projects, sometimes involving conflicting interests

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The Challenges

There is a **DISCONNECT** between the actually existing city development, rapid urbanization, and its challenges, and the Smart Cities Mission primary goal of creating **rapid** wealth and **rapid** economic growth, by **quickly embedding technology in the built environment**

without first identifying and addressing, the basic city problems….

Case Study: The problem of traffic congestion and of sharing the public space….

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When we see Indian roads as spaces of traffic congestion lacking spaces for parking, we see urban streets, as serving only the **purpose of moving** a variety of vehicles such as 2-3-4 wheelers, cars, trucks

Streets inside the walled city have begun to be regarded as mere links in a road network, enabling travel, and this has started to define how the streets are used

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- Traffic congestion has been detected as one of the most serious issues that Indian Cities are facing…

- However, many streets in the India cities centers act as well as public “agoras” /spaces with the bazaars and the comercial activities tied to traders and retailers….

Redefinition of the problem

The initial problem: traffic congestion and lack of parking → The initial solution: Smart parking

In the Street as a shared space: the road becomes a **contested resource** among different uses and ownership-constellations, with a potential for conflict

Thus the problem that needs to be addressed is not traffic congestion and lack of parking, but how to **balance and unite stationary and mobile functions** in the street as a shared space.

smart solutions of the smart parking type, but also urban and/or transport planning, are very limited in addressing these issues

What maybe a possible alternative?

RE-FRAME the smart parking as an opportunity to rejuvenate the urban spaces around it (City-hall)

creating MULTIFUNCTIONAL public spaces AND PARKING STRUCTURES that capitalize on existing assets to promote health, happiness, and well-being, and to address different problems simultaneously such as lack of green space, flooding and …..parking if you like

That is, to solve several problems simultaneously with one and the same concept

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….as the Smart parkings have already been built, re-Create it as a destination, as a multidimensional public space with a Smart parking below it

PARK
SMART PARKING
WATER RESERVOIR
Apl 2017

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THANK YOU FOR YOUR ATTENTION!

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