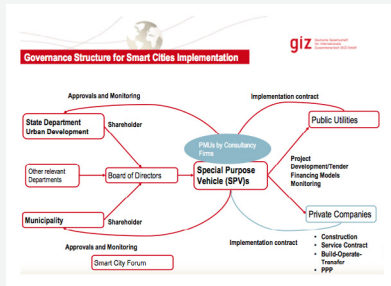


PRESENTATION SUMMARY

INDIA

Sarah Habersack, GIZ India

- India's Smart City Mission (SCM) is supporting 108 cities to improve the quality of life of its inhabitants with inclusive development strategies
- Almost 200 projects completed and 3000 projects worth 17.3 billion Euros are in various stages of completion

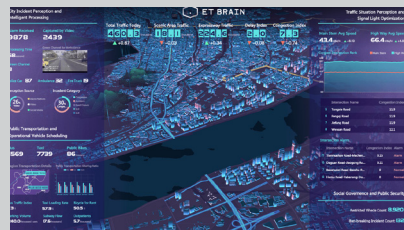


"In the Indian context, the definition of Smart Cities is decided by the cities themselves. For understanding Smart Cities it is crucial to understand the governance structure lying behind this idea, including the roles and responsibilities for the steering and implementation of interventions and projects, and the collaboration between the local administration and the private sector."

CHINA

Dr. Marie Peters, Sebastian Ibold, GIZ China

- Promoted by the 13th Five Year Plan (2016-20) and National New Type Urbanisation Plan (2014-20)
- Improve public services, livability, increase e-governance capacity, improve digital infrastructure, and data mining
- More than 300 projects in 220 Smart Cities in China



Example: The Alibaba ET City Brain

- Utilizes real-time city data aiming to optimize urban public resources by instantly reacting on challenges in urban operations

- It is applied in various areas as in the transport sector and urban traffic management. The system integrates data to perceive traffic incidents throughout the city. It also coordinates traffic light control to optimize traffic flow

PRINCIPLES, TOOLS AND RESOURCES FOR DIGITAL DEVELOPMENT

Carmen Vogt, GIZ Germany

Moritz Mang, GIZ Germany

ICT-A Strategic Principles

- Foster citizen engagement
- Tackle local (climate) challenges
- Promote local co-creation
- Plan and implement sustainability
- Make a responsible use of data
- Facilitate transfer and scaling up
- Prioritize open-source
- Contribute to existing urban planning processes

CLIMATE SMART CITIES NETWORK



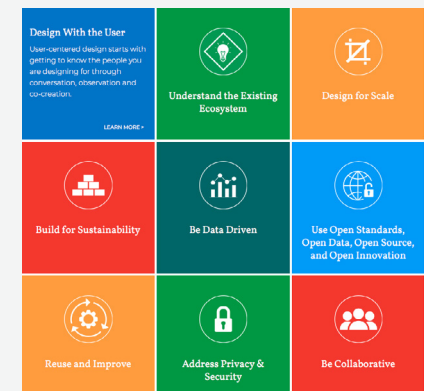
"The digital transformation in cities must put citizens at the core, including a citizen perspective in all steps of the problem-solving process. The Global Program "ICT-based Adaptation to Climate Change in Cities (ICT-A)" developed a series of Strategic Principles to steer such processes and pursue the sustainability of international cooperation projects on the subject."

Principles in detail:

www.digitalprinciples.org/principles/

Supporting documents:

www.digitalprinciples.org/resources/



"Digitalization offers a huge potential to increase both effectiveness and efficiency – if done right. GIZ recently endorsed the Digital Principles as guidelines for the development of digital tools that add value to the target group and your project. Find successful examples from different sectors and share your own work with colleagues in the GIZ Digital Pathfinder!"

GROUP DISCUSSION

DATA PROTECTION AND SECURITY

What do you want your government/your city to know about you?

CHALLENGES	POTENTIALS	RECOMMENDATIONS
<ul style="list-style-type: none"> — Who controls the data? — Data Literacy — How safe is the data? 	<ul style="list-style-type: none"> — Transparency — Trust — Revenue — Fairness — Better service provision 	<ul style="list-style-type: none"> — GIZ as facilitator — Develop regulatory framework and standards — Use public data and protect private data

PLANNING FOR AND WITH CITIZENS

How to integrate citizens into smart city development?

CHALLENGES	POTENTIALS	RECOMMENDATIONS
<ul style="list-style-type: none"> — Reaching non-digital target groups — Awareness on tools — Including local languages 	<ul style="list-style-type: none"> — Easier life — More accountability — New options for grievances and implementation — Large scale 	<ul style="list-style-type: none"> — Political accountability — Simple approaches — Develop tools with citizens — Institutionalization of processes

SUSTAINABLE URBAN DEVELOPMENT

Is digitalization the new sustainability?

CHALLENGES	POTENTIALS	RECOMMENDATIONS
<ul style="list-style-type: none"> — Lack of information — Lack of resources — Outdated “D” systems — Data security — Interdependence — Understand risks — Does it mean less use of resources? 	<ul style="list-style-type: none"> — Maintenance of infrastructure — Longterm — Use it for awareness raising — Use in planning and management 	<ul style="list-style-type: none"> — Means. Not the end — Legal aspects — Decentralization — Use based on context — Aggregated understanding — Use big data for planning

KEY RESULTS

KEY INSIGHTS	RECOMMENDATIONS	FOLLOW UP ACTIVITIES
<ul style="list-style-type: none"> — Different challenges and potentials for smart cities — Citizen participation — Data security — Lot of work ahead! 	<ul style="list-style-type: none"> — How should we support the ideas/learnings/solutions to grow? — Regulatory standards 	<ul style="list-style-type: none"> — Webinar — Involve others in sharing information — Participating in data security survey — Create/join IDA community