

ITU helping to achieve the SDGs



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City has been built and has evolved:

- Physical location
- Local History & Culture
- Citizens' behaviors
- Tons of other reasons
- **No cities are the same**



Essential technical elements for being **Smart**

**Being
Smart**

Collaborative Knowledge (Op)

Compatibility (Ser/App)

Integrity (Platform)

Interoperability (Data)

Interconnectivity (Infra)

**Quality of
Smartness**

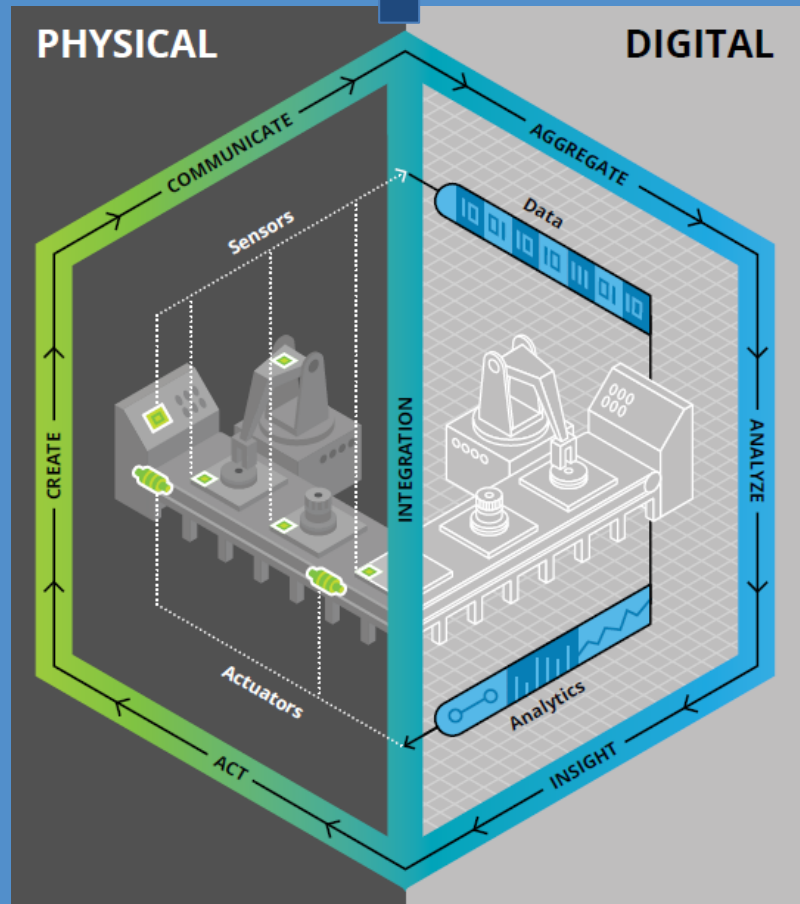
**Quality of
Convenience**



Tailored Smart City with local Data/AI

Tailored by City Priorities and Specifics

- Culture, History
- Citizens' behaviors
- Efficiency & Economics



Local Data and AI

+

City Infra/Systems/Services

Source: Deloitte University Press

ITU-T, IoT and smart cities & communities: <http://itu.int/go/tsg20> ; e-mail to tsb20@itu.int

United 4 Smart Sustainable Cities (U4SSC)

U4SSC responds to **SDG 11**: "Make cities and human settlements inclusive, safe, resilient and sustainable."

U4SSC advocates for public policy to **encourage the use of ICTs** to facilitate and ease the transition to smart sustainable cities.

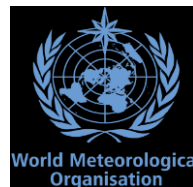
U4SSC current work:

- Guidelines on tools and mechanisms to **finance SSC projects**
- Guidelines on strategies for **circular cities**
- **City science** application framework
- **Blockchain 4 cities**
- Guiding principles for **artificial intelligence** in cities
- **The Impact of Frontier Technologies on Cities:**
 - Artificial Intelligence and cognitive computing
 - Data processing and computation
 - Sensing technologies and IoT

Supported by:



Convention on
Biological Diversity



Empowered lives.
Resilient nations.



UNECE



UN HABITAT
FOR A BETTER URBAN FUTURE

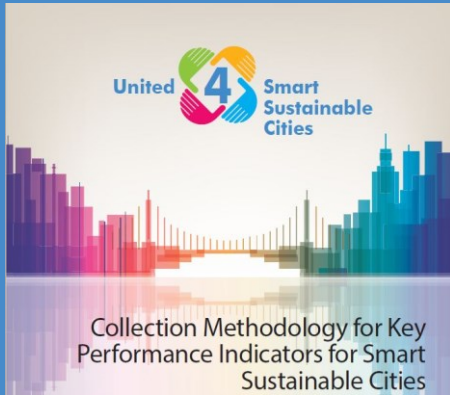


UNITED NATIONS
UNIVERSITY
UNU-EGOV
Operating Unit on Policy-Driven
Electronic Governance

UN WOMEN



Join now the U4SSC KPIs for SSC project



The U4SSC Initiative developed a set of international **KPIs for SSC** to establish the criteria to evaluate **ICT's contributions** in making cities smarter and more sustainable, and to provide cities with the **means for self-assessments**.

Over 50 cities worldwide are already implementing these KPIs



The Case of Dubai



The Case of Singapore

54 Core Indicators + 37 advanced Indicators

3 Dimensions

Economy

Environment

Society and Culture

Coming soon: ITU Global Smart Sustainable Cities Index

