

# STI FORUM

## Multi-stakeholder Forum on Science, Technology and Innovation for the SDGs

Session 10:

*STI for inclusive, safe, resilient and sustainable cities and human settlements (SDG 11)*



# United for Smart Sustainable Cities (U4SSC)



U4SSC is a global platform for smart city stakeholders which advocates for public policy to encourage the use of ICTs to facilitate the transition to smart sustainable cities.



# U4SSC current work



## U4SSC is currently working on the following deliverables:

- 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 - **New**
- The impact of Artificial Intelligence and cognitive computing in Cities - **New**
- The impact of data processing and computation in cities - **New**
- The impact of sensing technologies and IoT in cities - **New**

# ITU-T Study Group 5: Environment, Climate Change and Circular Economy



**SG5 is responsible for:**

Studying ICT environmental aspects of electromagnetic phenomena and climate change.

Studies on how to use ICTs to help countries and the ICT sector to adapt to the effects of environmental challenges, including climate change, in line with the SDGs.

**Lead Study Group for**

electromagnetic compatibility, lightning protection and electromagnetic effects

ICTs related to the environment, climate change, energy efficiency and clean energy

circular economy, including e-waste



WP1/5 - EMC, lightning protection, EMF

WP2/5 - Environment, Energy Efficiency and the Circular Economy



# ITU-T Study Group 20: IoT and Smart Cities & Communities



SG20 is responsible for:

Studies relating to Internet of things (IoT) and its applications, and smart cities and communities (SC&C).

This includes studies relating to big data aspects of IoT and SC&C, e-services and smart services for SC&C.

Lead Study Group for

Internet of things (IoT) and its applications

Smart cities and communities, including its e-services and smart services

Internet of things identification



JCA-IoT and SC&C

FG-DPM

SDOs collaboration



# Importance of Global Standards

Drive competitiveness, for individual businesses and world economy;

Lower prices

Reduce technical barriers

Foster interoperability

Manufacturers, network operators  
and consumers

Reduce negative impacts on the environment



Work with us!





**Thank you!**

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<http://itu.int/go/tsg05>

<https://www.itu.int/en/ITU-T/ssc/united/Pages/default.aspx>

