Digital Transformation for People-Oriented Cities

New U4SSC Thematic Group
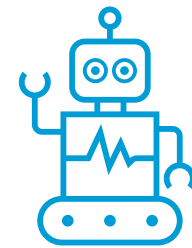
Presented by:
CRISTINA BUETI,
ITU Focal Point on Environment and
Smart Sustainable Cities & Communities
7 December 2021

BACKGROUND AND CONTEXT
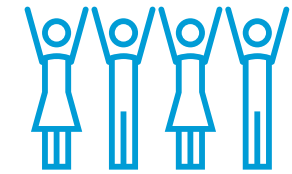
Digital technology has re-shaped urbanization

Integration of cutting-edge technologies

Establish people-oriented cities

Not just about technology, solve operations

Cities must meet the needs of all citizens

NEW THEMATIC GROUP

The Thematic Group on "***Digital Transformation for People-Oriented Cities*** " aims to provide guidance and formulate a series of policy-based recommendations and assessment frameworks for driving digital transformation in an urban context.

Proposed Leaders: Cristina Bueti (ITU), Barbara Kolm (Austrian Economics Center) and Okan Geray (Digital Dubai Authority)

Examining the role of emerging technologies in fostering digital transformation in cities.	**Preparing policy guidelines, recommendations and foresight studies relating to the adoption of advanced technologies for digital transformation for people-oriented cities.**	**Developing a methodology to track progress relating to digital transformation for people-oriented cities.**

WORKING GROUP 1 AND 2

Working Group 1 – Setting the context: Digital Transformation for People-Oriented Cities

- *Proposed Leaders: Okan Geray (Digital Dubai) and Cristina Bueti (ITU)*
- This Working Group will provide an overview of Digital Transformation in the context of cities and communities and will identify a series of use-cases relating to the upgrading of urban infrastructures using emerging technologies to facilitate digital transformation in cities in line with SDGs.

Working Group 2 – Policy Benchmarks for Digital Transformation of People-Oriented Cities

- *Proposed Leader: Bettina Tratz-Ryan (Gartner) and Mythili Menon (ITU)*
- To establish people-oriented cities, policies must be implemented to enhance private-public participation, encouraging public investments and a wider adoption of emerging technologies. In this context, this Working Group will establish a strategic policy framework underpinning the various guidelines for ethical, secure, and smart utilization of data and information and communication technologies for digital transformation and a carbon-neutral future for all.

WORKING GROUP 3 AND 4

Working Group 3 – Assessment of Digital Transformation for People-Oriented Cities

- *Proposed Leaders: John Smiciklas (Augmented City) and Victoria Schmid (Austrian Economic Center)*
- This Working Group will create a methodological and holistic approach for assessing the digital transformation of people-oriented cities including the development of a set of key performance indicators. It will also investigate impact assessment as a result of digital transformation in people-oriented cities.

Working Group 4 – Guidelines for Unlocking Net Zero in Cities Through Sustainable Digital Transformation

- *Proposed Leader: Leonidas Anthopoulos (Greece)*
- This Working Group will develop a set of guidelines which will highlight the enabling role of digital technologies and innovative solutions in driving carbon net zero efforts in different sectors of cities and will provide an integrated approach to urban transformation with a view to accelerate urban transitions to a net zero future.

WORKING GROUP 5

Working Group 5 – Methodology for Measurement of GHG Emissions in Smart Sustainable Cities

- *Proposed Leaders: Paolo Gemma (Huawei) and Shuguang Qi (CAICT, China)*
- This Working Group will develop a set of methodologies on how to measure GHG Emissions from business districts, municipal areas, communities, institutions, organizations, mobility and transportation networks.

For more information, please contact:

CRISTINA BUETI

Counsellor and ITU Focal Point on Environment and Smart Sustainable Cities & Communities

u4ssc@itu.int

U4SSC website:

https://www.itu.int/go/u4ssc

Thank you!

United 4 Smart Sustainable Cities

ITU