

# U4SSC Action Plan

2024-2025



# Ongoing Thematic Groups

---

## ■ City Platforms

- **Co-leaders:** Ramon Ferri (Valencia), Ernesto Faubel (Valencia) and Daniel Vega Díaz (FEMP)
- **Timeline:** 2024-2025
- **Expected publication date:** 2025
- **Secretariat:** ITU
- **Working Groups:** see next slide
- **Scope:** This Thematic Group provides a global platform to explore how ICTs and digital technologies are helping cities to be more sustainable, intelligent, and how city platforms can be the central technological element of this evolution. Continuing the work in WG6 “Data and APIs in Smart City Platforms” and starting work in WG7 on “Smart Destination Platforms”
- **Planned e-meetings:** see next slide

# Thematic Group on City Platforms

City Platforms Working Groups	Leader	Timeline	Expected publication date	Planned e-meetings	Status
<b>WG1 - IT Solutions for integrated cities management &amp; Use Cases</b>	Ramon Ferri (Valencia) and City of Valencia	N/A	N/A	N/A	Completed <a href="#">Digital solutions for integrated city management and use cases Compendium of survey results on integrated digital solutions for city platforms around the world</a>
<b>WG2 - Smart Public Health Emergency Management</b>	Leonidas Anthopoulos (Greece)	N/A	N/A	N/A	Completed <a href="#">Smart public health emergency management and ICT implementations</a>
<b>WG3 - Smart City Platforms - Transitioning to a new architecture</b>	Martin Brynskov (OASC) Michael Mulquin (OASC)	N/A	N/A	N/A	Completed <a href="#">Redefining smart city platforms: Setting the stage for Minimal Interoperability Mechanisms</a>
<b>WG4 - Tourism, Health and Resilience Management from the perspective of a Smart City Platform</b>	Alberto Bernal (Indra Minsait)	N/A	N/A	N/A	Completed <a href="#">Smart tourism: A path to more secure and resilient destinations</a>
<b>WG5 - Reference framework for an integrated management of a smart sustainable city</b>	Ramon Ferri (Valencia) and City of Valencia	2021-2023	2023	N/A	Completed <a href="#">Reference framework for integrated management of an SSC</a>

# Thematic Group on City Platforms

City Platforms Working Groups	Leader	Timeline	Expected publication date	Planned e-meetings	Status
<b>WG6 - Data and APIs in Smart City Platforms</b>	Leonidas Anthopoulos (Greece)	2023-2025	2025	27 September 2024, 10:30-11:30 hours, Geneva time 31 October 2024, 10:30-11:30 hours, Geneva time 29 November 2024, 10:30-11:30 hours, Geneva time 19 December 2024, 10:30-11:30 hours, Geneva time	Ongoing  Completed deliverable under WG6: <a href="#">Data and API requirements for centralized smart city platforms</a> (new)
<b>WG7 - Smart Destination Platforms</b>	Sandra Carvao (UN Tourism) and Ezequiel García (SEGITTUR)	2024-2025	2025	30 September 2024, 13:00 – 14:00 hours, Geneva time 30 October 2024, 13:00 – 14:00 hours, Geneva time 28 November 2024, 13:00 – 14:00 hours, Geneva time 17 December 2024, 13:00 – 14:00 hours, Geneva time	Kick off

# Ongoing Thematic Groups

---

- **Enhancing Urban Economic Resilience and Smart Sustainable Cities**
- **Leader:** Vahid Khatami (UNECE)
  - **Timeline:** 2024-2025
  - **Expected publication date:** 2025
  - **Secretariat:** UNECE
  - **Scope:** This thematic group focuses on enhancing urban economic resilience. It offers tools for crisis recovery, financing strategies, and sustainable urban planning.
  - **Planned e-meetings:**
    - This Thematic Group will commence its activities after the 8<sup>th</sup> Annual Meeting. Relevant information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.

# Ongoing Thematic Groups

---

## ▪ **Artificial intelligence in cities**

- **Leader:** Okan Geray (Digital Dubai)
- **Timeline:** 2024-2025
- **Expected publication date:** 2025
- **Secretariat:** ITU
- **Scope:** The dynamic and rapidly evolving nature of AI, including recent advances like generative AI, is being explored across various urban settings to create smarter, more sustainable cities and communities. The Thematic Group on Artificial Intelligence (AI) in Cities is dedicated to developing frameworks and methodologies that leverage AI alongside other frontier technologies, such as big data, IoT, cloud computing, and robotics, to optimize urban services and streamline operational processes efficiently and effectively.
- **Planned e-meetings:** see next slide

# Thematic Group on Artificial intelligence in cities

Artificial intelligence in cities Working Groups	Leader	Timeline	Expected publication date	Planned e-meetings	Status
<b>WG1 - Guiding principles for artificial intelligence in cities</b>	Okan Geray (Digital Dubai)	2021-2023	2024	N/A	<a href="#">Guiding principles for artificial intelligence in cities</a> (completed)
<b>WG2 - Autonomous Cities</b>	Okan Geray (Digital Dubai)	2023-2024	2025	30 October 2024, 14:30 – 15:00 hours, Geneva time	Ongoing
<b>WG3 - AI-Driven KPIs Measurement</b>	Okan Geray (Digital Dubai)	2024-2025	2025	30 October 2024, 15:00 – 15:45 hours, Geneva time	Kick off
<b>WG4 - FAIR Cities – Foster AI for Inclusive and Responsible cities</b>	Soumaya Ben Dhaou (UNU-EGOV)	2024-2025	2025	Information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.	Kick off

## Ongoing Thematic Groups

---

- **Enabling People-Centred Cities through Digital Transformation**
  - **Co-leaders:** Barbara Kolm (Austrian Economics Centre), Okan Geray (Digital Dubai Authority), (UN-Habitat) and Cristina Bueti (ITU)
  - **Timeline:** 2024-2025
  - **Expected publication date:** 2024/2025
  - **Secretariat:** ITU
  - **Working Groups:** see next slide
  - **Scope:** The Thematic Group on “Enabling People-Centred Cities through Digital Transformation” aims to provide guidance and formulate a series of policy-based recommendations and assessment frameworks for driving digital transformation in an urban context, while improving smart and sustainable city governance.
  - **Planned e-meetings:** see next slide



# Thematic Group on Enabling People-Centred Cities through Digital Transformation



Enabling People-Centred Cities through Digital Transformation	Leader	Timeline	Expected publication date	Planned e-meetings	Status
<b>WG1 - Setting the context: Digital Transformation for People-Centred Cities</b>	Okan Geray (Digital Dubai) & Victoria Papp (BOMA)	2024-2025	2024-2025	6 November 2024, 13:30-14:30 hours, Geneva time	Ongoing
<b>WG2 - Policy Benchmarks for Digital Transformation of People-Centred Cities</b>	Bettina Tratz-Ryan (Gartner)	2024-2025	2025	4 October 2024, 13:00-14:00 hours, Geneva time 28 October 2024, 13:00-14:00 hours, Geneva time 18 November 2024, 13:00-14:00 hours, Geneva time	Ongoing  Completed deliverable under WG2: <a href="#">Policy benchmarks for digital transformation of people-centred cities (new)</a>
<b>WG3 - Digital Transformation Assessment of People-Centred Cities</b>	John Smiciklas (JD Global Sustainability Associates) and Gamze Geray (Adjunct Faculty at Middlesex University Dubai)	2024-2025	2025	31 October 2024, 13:30-14:30 hours, Geneva time	Ongoing

# Thematic Group on Enabling People-Centred Cities through Digital Transformation

Enabling People-Centred Cities through Digital Transformation	Leader	Timeline	Expected publication date	Planned e-meetings	Status
<b>WG4 - Guidelines for Unlocking Net Zero in Cities Through Sustainable Digital Transformation</b>	Leonidas Anthopoulos (Greece)	2024-2025	2024-2025	29 October 2024, 10:00 – 11:00 Geneva time 26 November 2024, 10:00 – 11:00 Geneva time	Ongoing
<b>WG5 - Intergenerational Procurement for People-Centred Cities</b>	Warren Smith (Dangersmith SARL & CURSHAW) and John Davies (Department for Business and Trade, United Kingdom Government)	2025	2025	31 October 2024, 14:00 – 15:00 Geneva time 21 November 2024, 14:00 – 15:00 Geneva time 12 December 2024, 14:00 – 15:00 Geneva time 16 January 2025, 14:00 – 15:00 Geneva time 20 February 2025, 14:00 – 15:00 Geneva time 20 March 2025, 14:00 – 15:00 Geneva time 17 April 2025, 14:00 – 15:00 Geneva time 15 May 2025, 14:00 – 15:00 Geneva time 19 June 2025, 14:00 – 15:00 Geneva time	Kick off

# Ongoing Thematic Group on Digital Wellbeing

---

## ▪ Digital Wellbeing

- **Leader:** Okan Geray (Digital Dubai)
- **Timeline:** 2023-2025
- **Expected publication date:** 2025
- **Secretariat:** ITU
- **Scope:** The “Digital Wellbeing” thematic group aims to research and benchmark existing digital wellbeing frameworks, approaches, and interventions. Preliminary analysis indicates fragmented approaches to digital wellbeing. The thematic group will then create a digital wellbeing framework encompassing factors that contribute to it at the individual level (e.g. skills, devices, connectivity, digital services experiences, security and safety, digital environment, ...). The framework will be established to acknowledge the subjective nature of digital wellbeing.
- **Planned e-meeting:** 30 October 2024, 13:30 – 14:30 hours, Geneva time. Information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.

# New Thematic Groups

*Approved*



# New Thematic Group on Future Foresight for Cities

---

- **Future Foresight for Cities**
- **Leader:** Okan Geray (Digital Dubai)
  - **Timeline:** 2024-2025
  - **Expected publication date:** 2025
  - **Secretariat:** ITU
  - **Scope:** Future foresight for cities encompasses anticipating and preparing for urban challenges and opportunities. It entails a forward-looking approach to envision potential futures and develop strategies to shape them. By understanding potential future scenarios, cities can make informed decisions, invest wisely, and build resilience.
  - **Planned e-meetings:** Information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.

# Proposed Working Groups

---

## Working Group 1

1

Building  
Future  
Foresight  
Capability

### Suggested Scope

Deliverable: A Guide to Future Foresight in Cities

- Introduction to Future Foresight
- Future Urban Challenges and Opportunities
- A Future Foresight Framework for Cities
- Future Foresight Implementation Methodology
- Case Studies

# Additional Potential Working Groups

---

## Working Group 2

2

Scenario  
Planning for  
Cities

## Working Group 3

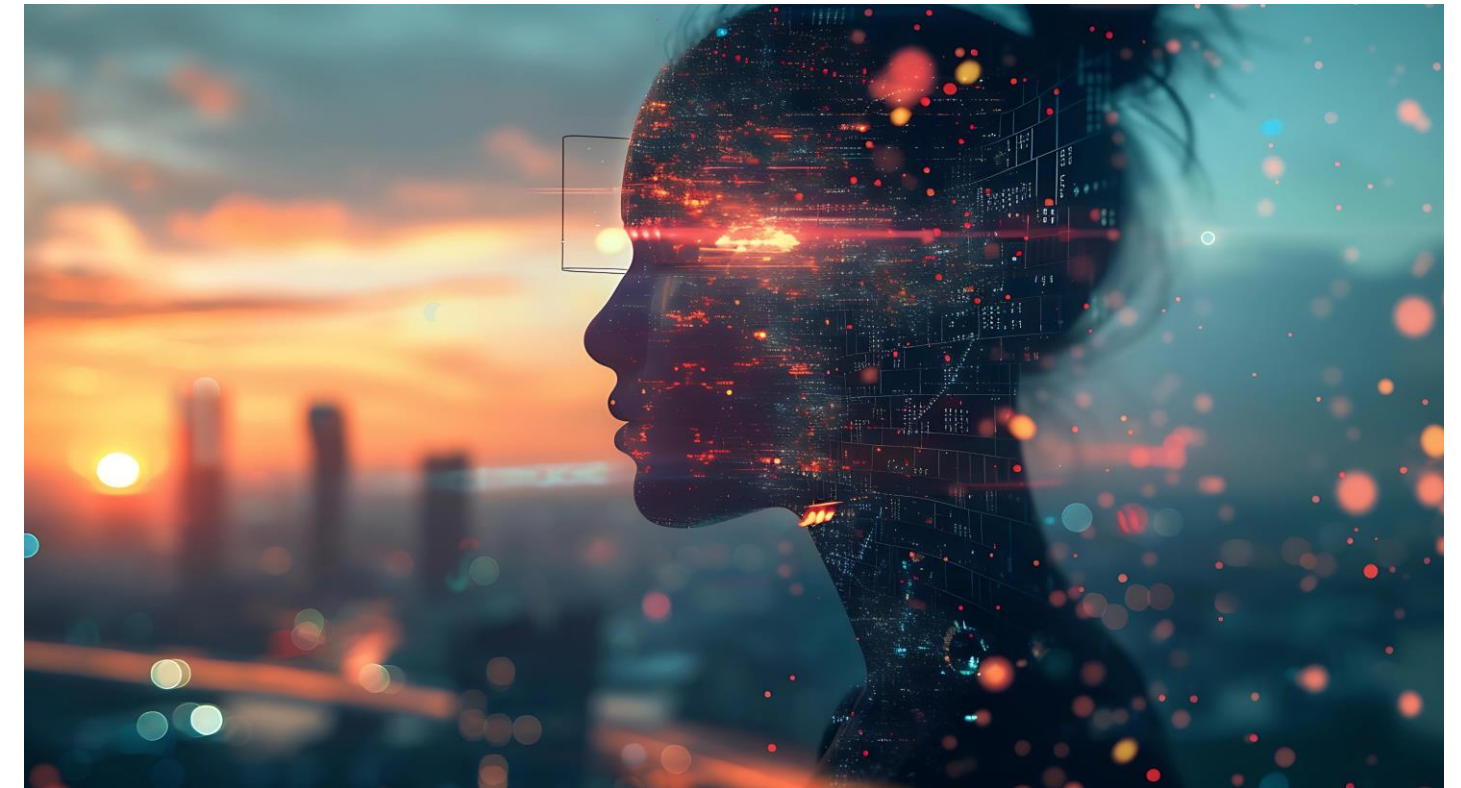
3

Horizon  
Scanning for  
Cities

## Working Group 4

4

Mega Trends  
for Cities



# New Thematic Group on Sustainable digital transformation in buildings and urban energy

---

- **Sustainable Digital transformation in buildings and urban energy**
- **Suggested Leader: Victoria Papp, Building Owners and Managers Association (BOMA) and Gulnara Roll (UNEP)**
  - **Timeline:** 2025
  - **Expected publication date:** 2025
  - **Secretariat:** UNEP and ITU
  - **Scope:** As cities worldwide strive to become more resource-efficient and climate-resilient, the built environment plays a pivotal role in achieving sustainability goals. The proposed Thematic Group on Sustainable Digital Transformation in Buildings aims to address this need by exploring the integration of digital technologies with sustainable building practices.
  - **Planned e-meetings:** Information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.





# Potential Working Groups and Expected Deliverables

## Working Group 1



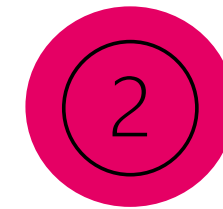
### Guiding Principles for Buildings

#### Suggested Scope

**Deliverable: Guiding principles for sustainable digital transformation in buildings**

- Outlining best practices for integrating digital technologies with sustainable building practices.
- Landscape review of existing green and smart building certification and international standards for buildings.

## Working Group 2



### Emerging Solutions for Buildings

#### Suggested Scope

**Deliverable: Emerging solutions for sustainable digital transformation in buildings**

- Featuring case studies of successful implementation of digital technologies in buildings that have achieved significant sustainability outcomes and decarbonization.
- Highlighting solutions that have supported people-centered digital transformation in buildings.

# New Thematic Group on Social-cultural sustainability in people-centred city governance

---

- **Social-cultural sustainability in people-centred city governance**
- **Leader: Arne Ingebrigtsen (City of Kristiansund)**
  - **Timeline:** 2024-2026
  - **Expected publication date:** 2025-2026
  - **Secretariat:** ITU
  - **Scope:** The Thematic group aims to identify social quantifiable sustainability indicators or measurement methodology for implementation of quantifiable measures of social sustainability in urban governance. Through the development of a digital decision support system prototype the project seeks to develop a tool to balance social sustainability with economic and environmental factors and provide a framework for cities to integrate social sustainability into local governance actions.
  - **Planned e-meetings:** Information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.

# Objectives and Expected Deliverables

---

## Suggested Scope

### Primary Objective:

- To identify, develop and implement quantifiable measurements of social sustainability in urban governance.

### Secondary Objectives:

- To balance social sustainability with economic and environmental sustainability in city decision-making processes.
- To provide a framework for cities to integrate social sustainability into local environmental actions.
- To develop a digital decision support system, applicable for all global cities, based on the balance of all 3 sustainability dimensions.

## Expected deliverables

- Contextual analysis.
- A set of social quantifiable sustainability indicators or measurement methodology.
- Case study.
- Guidelines.

# New Thematic Group on Digital Public Infrastructure (DPI) for cities

---

- **Digital Public Infrastructure (DPI) for cities**
- **Leader: Ramy Ahmed Fathy (NTRA, Egypt)**
  - **Timeline:** 2024-2025
  - **Expected publication date:** 2025
  - **Secretariat:** ITU
  - **Scope:** The main objectives of the Thematic Group would be to act as a platform to bring city stakeholders, DPI implementers, digital public good DPI components, and other related stakeholders to discuss the technical requirements of DPI for cities to enable digital transformation at scale in an inclusive, and safe environment.
  - **Planned e-meetings:** Information on the upcoming e-meetings will be disseminated through the U4SSC Mailing-List.

# Expected Deliverables

---

## Suggested Scope

### **Digital Public Infrastructure (DPI) Working Group for Cities would:**

- a) Provide a platform to bring various stakeholders to share potential use cases of DPI implementation in cities highlighting lessons learned
- b) Define the technical requirements of DPI for cities.
- c) Study the common framework/components (i.e. digital identity, payments, consent and signature) and technical standards of digital public infrastructure design for cities that could guide and serve as reference implementation for cities to meet the SDGs
- d) Investigate security challenges for DPI implementation in cities
- e) Develop high-level operational and design principles for DPI for cities
- f) Perform a mapping of Digital public goods and technical standards used for DPI components used in DPI reference implementation in cities
- g) Identify capacity building requirements for cities implementation of DPI

**Outputs would be a technical report for the work items (b) – (f).**

For more information, please contact:

u4ssc@itu.int

U4SSC website:

<https://u4ssc.itu.int/>

