Action Plans: challenges and use cases (online meeting)

The purpose of this second meeting is to help cities start defining their challenges and use cases within the Urban Digital Twins (UDT) training programme. During this session, participants will present their initial ideas and receive feedback from their fellow participant. The meeting will be conducted in a peer-to-peer learning format, fostering collaboration and deeper understanding among participants. Three breakout rooms will be organised, each containing a mix of cities at different stages of UDT development, ensuring a balanced exchange of experiences. This guide outlines the session's agenda, format, and preparation steps to help participants make the most of the meeting.

Date and time

Thursday, 26 September, 11-12:30h CEST.

The Teams link to join the meeting is accessible here.

Agenda and format

The meeting will begin with a brief introduction and distribution of participants into breakout rooms, followed by focused discussions and a concluding plenary session.

1. **Welcome and introduction (10 min)**
   - Hosted by Eurocities and BSC, this segment will introduce participants and allocate them to breakout rooms

2. **Breakout room sessions (50 min)**
   - Each breakout room will be assigned a facilitator and rapporteur. This person will be a programme participant, and will moderate the presentation and ensuing feedback and discussion. The facilitator will also be tasked with briefing the full group, after the breakout room discussion, about the main challenges that the group's cities are encountering and how they are dealing with them.
   - Each city will have 5 minutes to present their vision for the digital twin and project (use case) objectives, as well as the concrete challenges it is encountering and for which it could benefit from other cities' experience. This will be followed by 5 minutes of feedback from the group, based on the challenges and needs expressed by the presenting city.
   - This process is repeated for each of the group's cities (50 minutes in total).

3. **Plenary session (25 min)**
   - After the breakout discussions, all participants will reconvene.
   - Rapporteurs from each group will summarise the key challenges and feedback discussed (3 minutes per rapporteur).
   - An open discussion will follow to share insights across the entire group (15 minutes).

4. **Wrap up and next steps (5 min)**

- The session will conclude with a brief wrap-up, outlining the next steps in the training programme.

How to prepare for the meeting?

To make the most of the training programme, it is important to arrive in Barcelona with a well-formed vision for your city's digital twin, along with clear objectives for the use case you intend to develop. The focus of this online meeting will be on these aspects, as outlined in sections 2 and 3 of the Action Plan template.

To prepare for this session and work on the Action Plans, please take into account the following considerations:

1. **Draft content in a clear and detailed manner:**

For this draft document, you don't need to write lengthy texts. What is important here is to identify both the elements you have clarity on, and those that are still undefined or you would need help with. For that, bullet points will suffice.

For section 2 of the Action Plan (your city's vision for the digital twin), the best-case scenario is a vision that is shared by all the different departments involved and the political leadership. However, if your city is not quite there yet just include the shared vision from the city's two participants.

For section 3 (project/use case objectives), please identify both those elements you are sure about (for instance, your use case objectives), as well as those issues that you still need to define or work on (e.g. the governance of it). This will help you define the feedback you need from your group's participants. In both cases, please be as precise and detailed as possible.

2. **Submit your draft Action Plan by Friday, 20 September 2024**

You need to send the draft of sections 2 and 3 of your Action Plan to the organisers by **Friday, 20 September COB**. This will give us time to distribute the breakout groups. The draft will be shared with the other participants in your breakout group, giving everyone time to review each other's work before the meeting.

3. **Prepare your presentation:**

Plan a **5-minute presentation** covering the key elements of your vision for the digital twin, the objectives of your project/use case, areas of uncertainty, and specific feedback you hope to receive from your peers. Slides are optional; you may use your draft Action Plan for this presentation.

4. **Reading and feedback:**

Review the draft Action Plans from other cities in your breakout group before the meeting. This will enable you to provide more informed and constructive feedback during the session.

Breakout sessions' groups

Sub-groups for the breakout sessions have been assigned based on the topic of the use case and the objective laid out in the Action Plan. The following distribution also provides a balanced distribution of maturity levels among cities in the same group:

- Group A – climate and environment: Arezzo, Brussels, Budapest, Leuven, and Tampere.
- Group B – mobility and urban services: Barcelona, Lille, Riga, and Rome.
- Group C – 3D reproductions and other challenges: Brno, Kadikoy, Mariupol, Oslo, and Turku.

Programme participants

Arezzo

- **Gianni Rossi, Manger**, Support to Governance, Innovation and EU policies service
- **Maurizio Paggini**, Director, IT Systems and Services Office

Barcelona

- **Montse Prats**, data analyst, Urban Planning department
- **Jordi Ortuño Ribé**, innovation projects coordinator, IT agency

Brno

- **Jan Zvara**, Head of Section, Data, Analyses and Evaluation
- **Jan Popelínsky**, Head of Open Data Office

Brussels city

- **Aude Robert**, coordinator, Smart City unit
- **Catalin Turlica**, project coordinator, Smart City unit

Budapest

- **Dániel Hedari**, sustainable urban development specialist, Climate and Environmental affairs department
- **Tamás Soha**, GIS specialist, Climate and Environmental affairs department

Kadikoy

- **Edem Çaglar Kocabey**, structural engineer and project manager, Directorate of Strategy Development and External Relations
- **Mert Yaman**, city planner and project manager, Directorate of Strategy Development and External Relations

Leuven

- **Karlien Perdieus**, Head, Data and GIS department
- **Tim Guily**, policy advisor, Smart City Leuven

Lille Métropole

- **Remi Montorio**, team leader, BIM and 3D expertise
- **Louis Macquet**, Photogrammetry mission manager

Mariupol

- **Istomin Dmytro**, Chief Information Officer, Department of Information Technologies
- **Oleksandr Morhun**, Chief Architect of the city, Main Officer for Urban Planning and Architecture

Oslo

- **Tomasz Frelek**, senior advisor, Department of Culture and business development
- **Henrich Bolman Biorn**, senior engineer, Urban planning agency

Riga

- **Sandra Caune**, Project manager, Digital agency, Innovation and Development Department
- **Diana Korbe**, Head of Geomatics Division, Development Department

Rome

- **Elena Andreoni**, Architect, Office of the Deputy Mayor in charge of urban planning
- **Stefano Rollo**, Communication and IT process officer, Department of decentralization, delegated services and 15-minutes City

Tampere

- **Santtu Kurkilahti**, special designer (city information model), GIS-unit, Urban Development and Infrastructure Department
- **Kati Skippari**, Head, Environmental protection unit, Urban Development and Infrastructure Department

Turku

- **Pipa Turvanen**, Director of Employment, Business and Economic Development Services
- **Timo Haukioja**, senior advisor, Business and Economic Development Services

Eurocities

- **André Sobczak**, Secretary General
- **Guillem Ramírez Chico**, Project developer – Eurocities Academy

Barcelona Supercomputing Centre

- **Fernando Cucchietti**, Head of Data Analytics and Visualization
- **Patricio Reyes**, researcher, Data Analytics and Visualization Department
- **Paula Szewach**, project coordinator, Data Analytics and Visualization Department

Contact person

If you have any questions ahead of the meeting, please do not hesitate to get in touch with Guillem Ramírez Chico, Eurocities project coordinator, at guillem.ramirez-chico@eurocities.eu.