



Ajuntament  
de Barcelona



# ***Forum on Connected by Design: Building Inclusive Digital Infrastructure for Future-Ready Cities***

***15 September 2025  
Geneve, Switzerland***



1. **Building EU digital ecosystem: CitiVERSE EDIC on LDT**
2. **Digital Twins: a dual perspective**
3. **vCity: a human centred platform for Urban Digital Twins.**

## **Índex**



- 1. Building digital ecosystem: CitiVERSE EDIC on LDT**
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# Índex



# Forum on Connected by Design: Building Inclusive Digital Infrastructure for Future-Ready Cities

## LDT Citiverse EDIC

in a nutshell

- ✓ Legal entity
- ✓ Multi-country projects
- ✓ To create a common & sustainable European infrastructure
- ✓ To go beyond research
- ✓ To avoid repetitions
- ✓ To create a **SOLID EU ECOSYSTEM on SCC**



➔ 14 Member states



# Forum on Connected by Design: Building Inclusive Digital Infrastructure for Future-Ready Cities

## LDT Citiverse EDIC European Digital Infrastructure Consortium

## the process

2023

- Draft statutes
- Notification 12/2023
- 7 MS



2024

- EC Decision 02/2024
- Temporary WG's Proj & Infra
- 1st GA 12/2024 (14 MS)
- Implementation plan



2025

- Setting up (Bestuse proposal)
- Retake WGs + Implementation Plan
- LDT ToolBox 12/2025





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## LDT Citiverse EDIC

European Digital Infrastructure Consortium



EU LDT Toolbox: An advanced set of tools to enable digital twins benefits on EU cities.



3 simple steps to enable the benefits of a Digital Twin to support your decision-making and planning processes effectively.



Being implemented and will start the Pilot Program with 6 European cities in January 2026



## the main digital asset

### 1 CREATE/IMPORT DATA, ALGORITHMS, MODELS & RECIPES



### 2 SIMULATE/VISUALIZE USE CASE & SCENARIO



### 3 PARTICIPATION

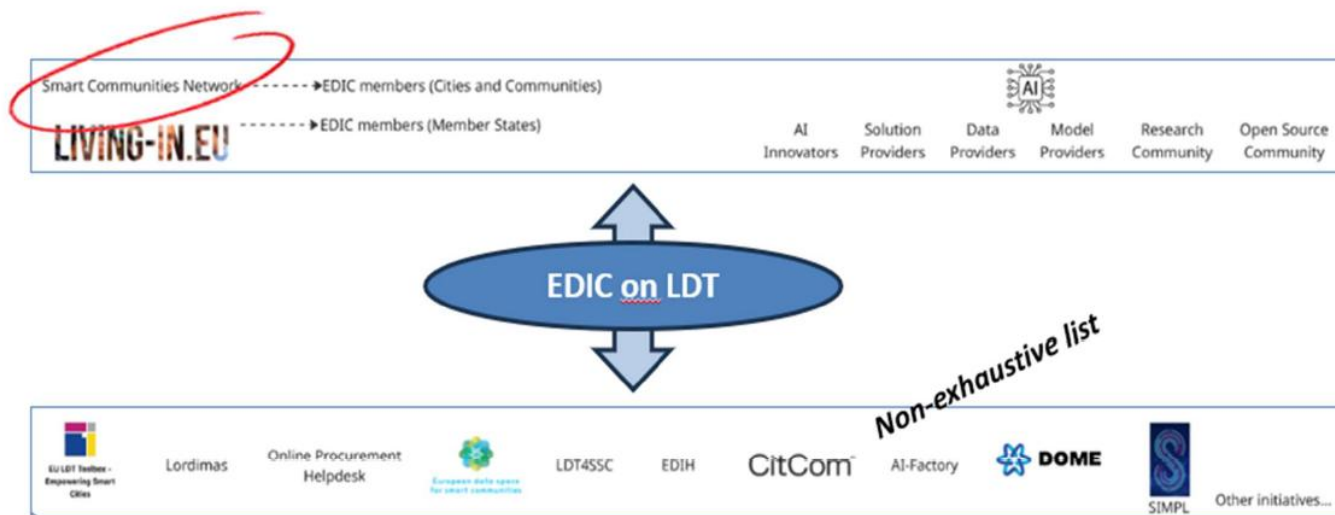




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## LDT Citiverse EDIC

## the ecosystem

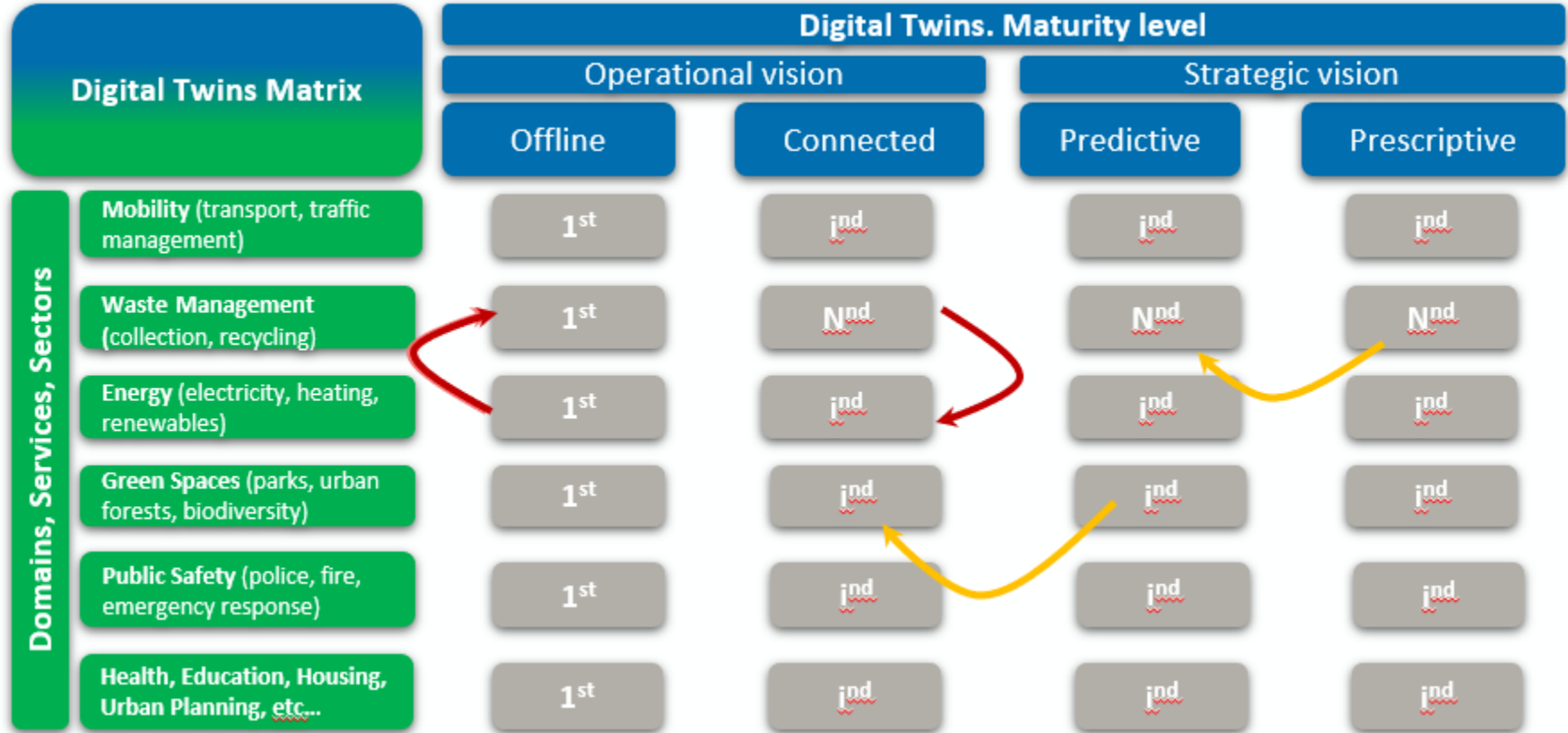




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Digital Forum LAB

## Guidelines for developing Digital Twins

*Framing the big picture, approaching it with care*

11 June 2025

Jordi Ortuno



## Who we are

	Name	City	(Co-)Lead
	Jordi Ortuno	Barcelona	Leading city
	Manon Reniers, Aude Robert, Catalin Turlica	Brussels	-
	Jayan Areekadan Sebastian Fischer	Cologne	-
	Mieke van Schaik	Eindhoven	-
	Valter Ferreira Maria José Velho Santos	Lisbon	-
	Antonio Garcia	Madrid	-
	Korbinian Kringer Markus Mohl	Munich	Co-lead
	Charis Theocharous	Nicosia	-
	Maria Vuorensola Ari Saine	Oulu	-
	Inga Barisa, Sandra Caune, Edgars Indriksons	Riga	-
	Marcel Duffhuis Muriel Pels	Utrecht	Co-lead



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cities



# Forum on Connected by Design: Building Inclusive Digital Infrastructure for Future-Ready Cities

## Timeline

2024

- 4/7 Presentation LAB  
Call
- 10/12 Kick off  
meeting

2025

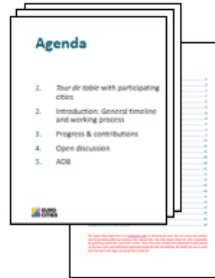
- 6 bi-weekly meeting
- Collecting contributions
- Shaping our guidelines

2025

- Digital Forum  
Bordeaux  
3 April presentation

2025

- May-June Final  
deliverable



## Our progress: an overview of our key outcomes

Definition of Digital Twins

What Digital Twins should  
and shouldn't do

Digital Twins Maturity level

Cybersecurity

Citizen perspective

Data and LDT Governance

Training & education  
perspective

Technological perspective

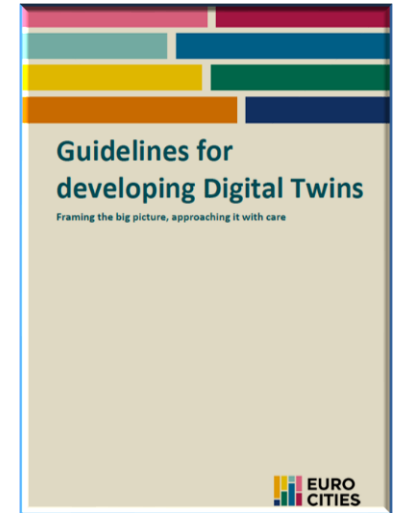
Synergies

Exploring all angles without deep dives

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engaging table of contents





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# **Merci – Thank you !**

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