



EDIC on Local Digital Twins towards CitiVERSE

Ernesto Faubel

Chair of LDT CitiVERSE EDIC

Co-leader Thematic Group on City Platforms

Head Smart City Office Municipality of Valencia



European
Commission



**SmartCity
València**



**AJUNTAMENT
DE VALÈNCIA**

LDT CitiVERSE EDIC?

European Digital Infrastructure Consortium (EDIC)

Instrument made available to Member States under the Digital Decade Policy Programme 2030 to speed up and simplify the setup and implementation of multi-country projects.

The initiative aims to connect existing local digital twins across Europe

Forming the basis for the EU CitiVERSE.

Local digital twins are virtual representations of a city's physical assets, processes, and systems.

Digital twins use data, analytics, and AI to create real-time simulation models that mirror the cities they represent.

The CitiVERSE focuses on advancing generative AI applications in smart cities

Explores generative AI-based virtual reality applications to improve citizen interaction.



European
Commission



SmartCity
València



AJUNTAMENT
DE VALÈNCIA

What for?

To create a common & sustainable European infrastructure

To go beyond research

To avoid repetitions

To deploy large-scale innovative projects and technologies

To provide recommendations for future R&D&I in SCC

To create a solid EU ecosystem on SCC



European
Commission



SmartCity
València



AJUNTAMENT
DE VALÈNCIA

Valencia & EDIC

The initiative aims to connect existing local digital twins across Europe, forming the basis for the EU CitiVERSE.



Who & When?

- **Members:**
 - **Spain**, Slovenia, Estonia, Latvia, Croatia, Portugal, France, Czech Republic. Belgium, Luxembourg, Slovakia.
 - Cities & Regions
- **Observers**



Thank you!

#EDIC

<https://digital-strategy.ec.europa.eu/en/policies/edic>