

TOWARDS NETWORKED LOCAL DIGITAL TWINS IN THE EU

[DIGITAL-2024-CLOUD-DATA-AI-07-DIGITALTWIN](#)

Deadline:	21. November 2024
Available budget:	20 Mio EUR (1 project)
Type of action:	Grant for financial support
Funding rate:	100% consortium, 50% third party
Project duration:	42 months



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Objectives

With this topic existing activities and results of Local Digital Twin (LDT) will be consolidated and moved towards an ecosystem of mature LDT-based infrastructure and services. Cities and communities across the EU will be supported to achieve economies of scale in order to access and deploy data platform and LDT-based services. The activities under this topic will contribute to the effective implementation of the European Digital Infrastructure Consortium ([EDIC](#)) “Networked Local Digital Twins towards the CitiVerse”.

Scope

The project will provide cascade funding to third parties (minimum 85% of the budget) and manage the selected projects. Three main work strands (WS) defining the scope of the project:

WS 1: Federation of existing urban data platforms and LDTs-based infrastructures. Projects should align with the smart cloud-to-edge middleware platform [SIMPL](#). Outcome should be an ecosystem of interoperable LDTs sharing a common blueprint.

WS 2: Customizing advanced Digital Twin services by developing and piloting solutions, which should be tested in real-life conditions and expand the EU LDT ecosystem.

WS 3: Adding new advanced AI-based tools and components to the forthcoming EU LDT toolbox for predictive modelling and immersive services – leading to CitiVerse.

Target group

Minimum of three independent beneficiaries from three eligible countries. Public administrations (national, regional, and local level), the EDIC “Networked Local Digital Twins towards the CitiVerse”, technology developers and suppliers, research and academia.

Note: Members of a potential consortium cannot be recipients of the cascading funds!

Funded projects & Linked topics

- [DS4SSCC](#) | [DIGITAL-2021-CLOUD-AI-01-PREP-SMART-COMM](#)
- [DS4SSCC-DEP](#) | [DIGITAL-2022-CLOUD-AI-03-DS-SMART](#)
- [CitCom.ai](#) | [DIGITAL-2022-CLOUD-AI-02-TEF-SMART](#)
- [DIGITAL-2023-CLOUD-AI-04-DEVELOPCITI](#) (results not yet published)
- [Procurement for the development of the Local Digital Twins toolbox](#)