



LDT Citiverse EDIC Development Framework

2nd Citiverse Assembly

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LDT CiTiVERSE EDIC



European Digital Infrastructure Consortium is a formal EU legal-entity

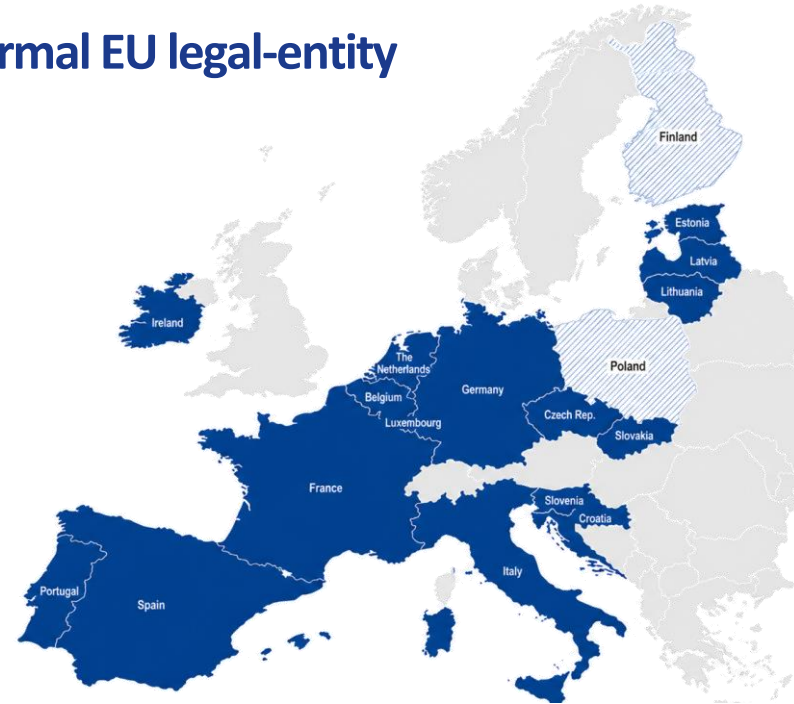
Who

- **Signatory Member States:** Slovenia, Estonia, Latvia, Spain, Croatia, Portugal, France, Czech Republic, Luxembourg, Belgium, Slovakia, Italy, The Netherlands, Ireland, Germany
- **Cities & Regions:** Preferably umbrella model

With whom

Strategic Partners for outreach and impact network

- Living-in.eu (Enoll, ERRIN, Eurocities, OASC, CEMR, CoR).
- European Programs: TEF's (CitCom), EDIH's, AI-factories.
- International organisations: OECD, UN/ITU.



15 Member States

2 Applicants

01 *Create*

A common European infrastructure

of interoperable data platforms and services for Networked Local Digital Twins, combining Geo Data, AI and Virtual Worlds — the European Citiverse.

02 *Foster*

A unified European ecosystem

of networked Local Digital Twins and advanced AI-powered solutions for cities and regions through Multi Country Projects.

03 *Enhance*

Capacity building








through a common set of advanced products, services and facilities, validated from practice, that harmonize implementation by cities and regions of member states.

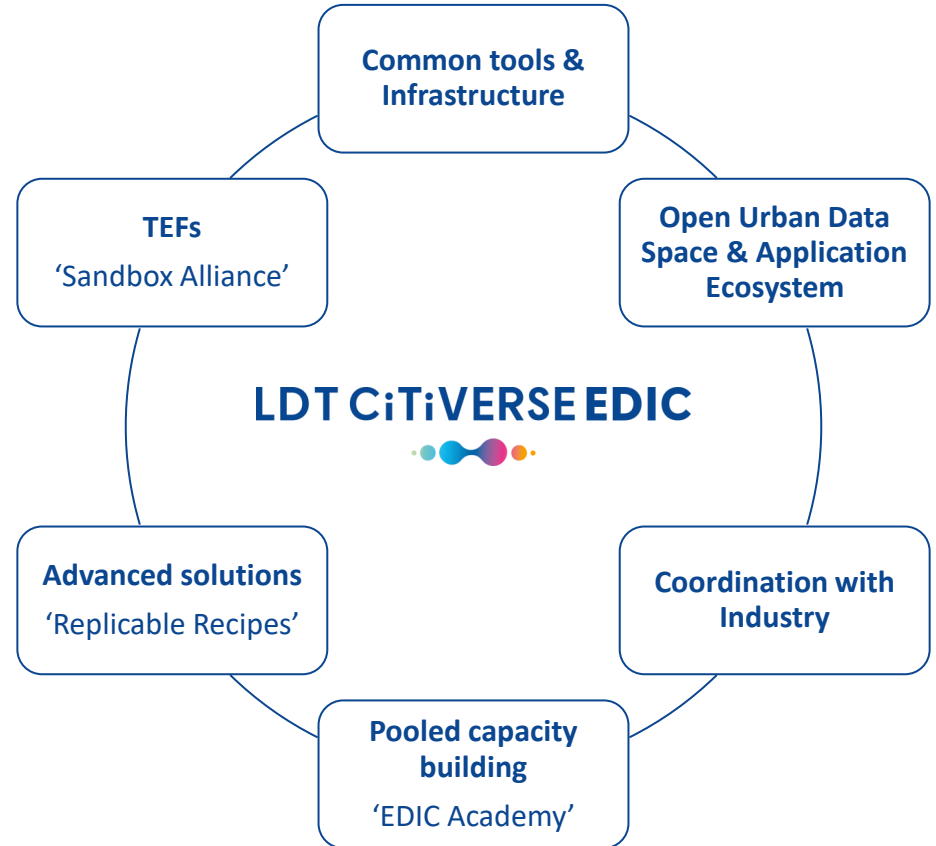
04 *Create*

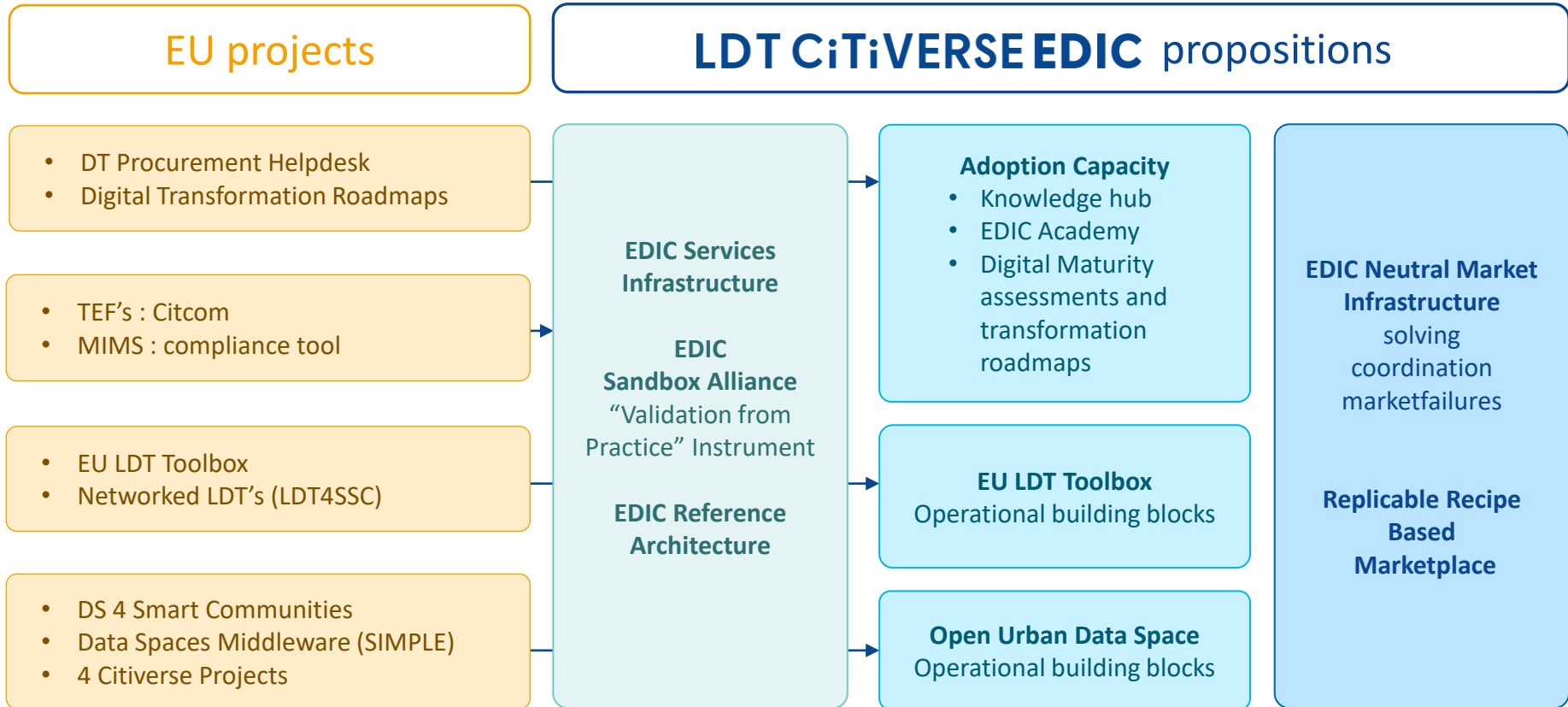
Economies of scope and scale

through the advancement of interoperability, replicability and portability based on international open standards, European Values, fueling European Digital Sovereignty.



- EU Data Space for Smart Communities** DS4SSCC

- Assessment Helpdesk/EU LDT Toolbox**

- Networked LDT's** LDT4SSCC

- 4 CitiVerse projects** x-CITE, SENSE, CU, 3DxVERSE

- Test & Experimentation Facilities** CITCOM

- Minimum Interoperability Mechanisms** MIMS

- Data Spaces Middleware** SIMPLE






Why



ORIENTATION

Value

Policy value, operational values, best practices, inspirational testimonials, replicable "Recipes".

01

What



ASSESSMENT

Readiness & Skills

Baseline Readiness Assessment using Lordimas, strategy based on Gap analyses to implement the basic building blocks of a local version of the Open Urban Data Space and LDT Citiverse-Marketplace.

02

How



IMPLEMENTATION

Can Do

LDT toolbox, OUDS building blocks and PP-Governance for LDT Citiverse Application ecosystem Marketplace

03

Scale



VALIDATION

Integrated in standing organisation

Cross-validation from practice, replicable recipe's etc.

04

•● Steps are circular — and other journeys (national, regional, private) extend the framework.

Dedicated

01 Technical & Organizational

Readiness and planning: Procurement Helpdesk

- (Twin) Readiness assessments (Lordimas based)
- Road mapping / strategy tools and Procurement Helpdesk
- Knowledge hub for technical and governance guidance (based on LDT4SSC and DS4SSCC)

Implementation: Neutral Market Infrastructure

- EU LDT Toolbox (operational building blocks)
- Open Urban Data Space (operational building blocks)
- Replicable DT-Recipe's-a-a-S

02 Capacity, Adoption & Quality

EDIC-academy (training)

- Professionalization (leadership masterclasses etc.)
- Technical training suites
- Ecosystem learning Communities of Practice

Validation & Quality certification tools

- EDIC Reference Architecture & MIM's certification
- Test & Experimentation facilities (CITCOM etc.)
- Sandbox Alliance instrument: validation from Practice
- SaaS services for small and midsized cities

General

03 Value Creation

- (cloud based) Pre-procurement Neutral Market Infrastructure for Public-Private application ecosystem (Market Value)
- OUDS-utility development (participatory investors)
- Repository for economic, social and ecological impact monitors (Policy Values i.c.w. OECD)

04 Ecosystem

- EDIC-members portal & Knowledge hub
- Matchmaking: Neutral Market Infrastructure, Tinder platform for cities (icw CEMR, Living-in. eu)
- Scouting and ecosystem analysis (yearly monitors, assessment tools)
- Quarterly themed meet-ups hosted by a member
- Yearly physical assembly + twin&citiverse summit week.
- Awareness (white papers, podcast, leadership forum)
- Brokerage & project writing office (strategic EU-calls)

Why



ORIENTATION

- Proven best practices, inspirational testimonials
- Impact Evidence
- Replicable ‘Recipes’
- Urgency definition
- White papers
- Podcasts
- Ecosystem services (seminars, peer groups, matchmaking)

01

What



ASSESSMENT

- (Twin) Readiness assessments (Lordimas)
- Mapping & strategy tools
- Knowledge hub for technical and governance guidance (LDT4SSC and DS4SSCC)
- Procurement Helpdesk
- Reference architectures for maturity levels
- EDIC-academy: Professionalization masterclasses

02

How



IMPLEMENTATION

- EU LDT Toolbox, DT-a-a-S, starters kit
- EU Open Urban Data Space (operational building blocks and utility provisioning)
- Replicable DT-Recipe’s-a-a-S
- Application ecosystem Marketplace

03

Scale



VALIDATION

- Validation from practice: EDIC Sandbox Alliance
- TEFS (CITCOM etc.)
- Challenge based Learning Community
- EDIC Fellowship program
- Quality certification tools
- HPC and AI factories
- Participation investors taskforce
- Standardization roundtable (harmonization)

04

