

LDT CiTiVERSE EDIC



ZON-NLDT

Community dag

3 Maart 2026

Jan Wester

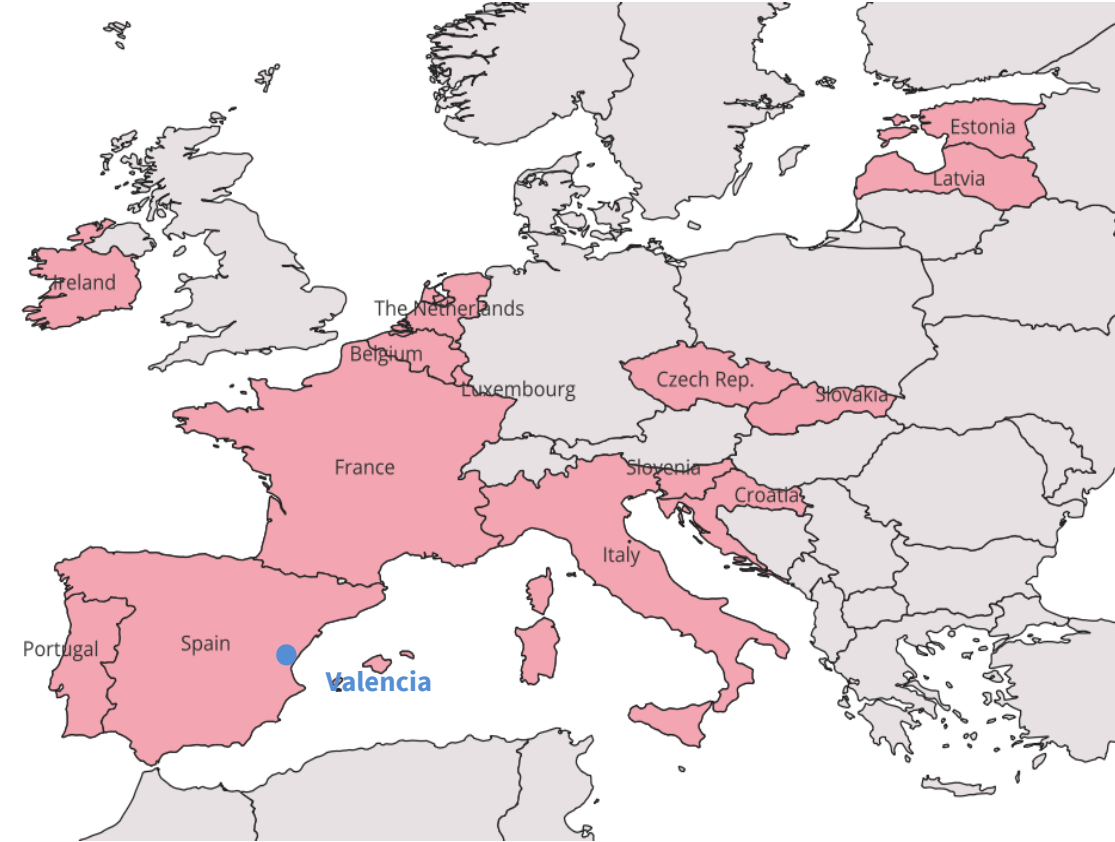
Director

LDT CitiVERSE EDIC: who & with whom

European Digital Infrastructure Consortium = Legal entity

➤ Who

- **Signatory Member States:** Slovenia, Estonia, Latvia, Spain, Croatia, Portugal, France, Czech Republic, Luxembourg, Belgium, Slovakia, Italy, The Netherlands, Ireland
- **Cities & regions :** - under state umbrella
- or direct
- **Other members and Observers**



➤ With whom

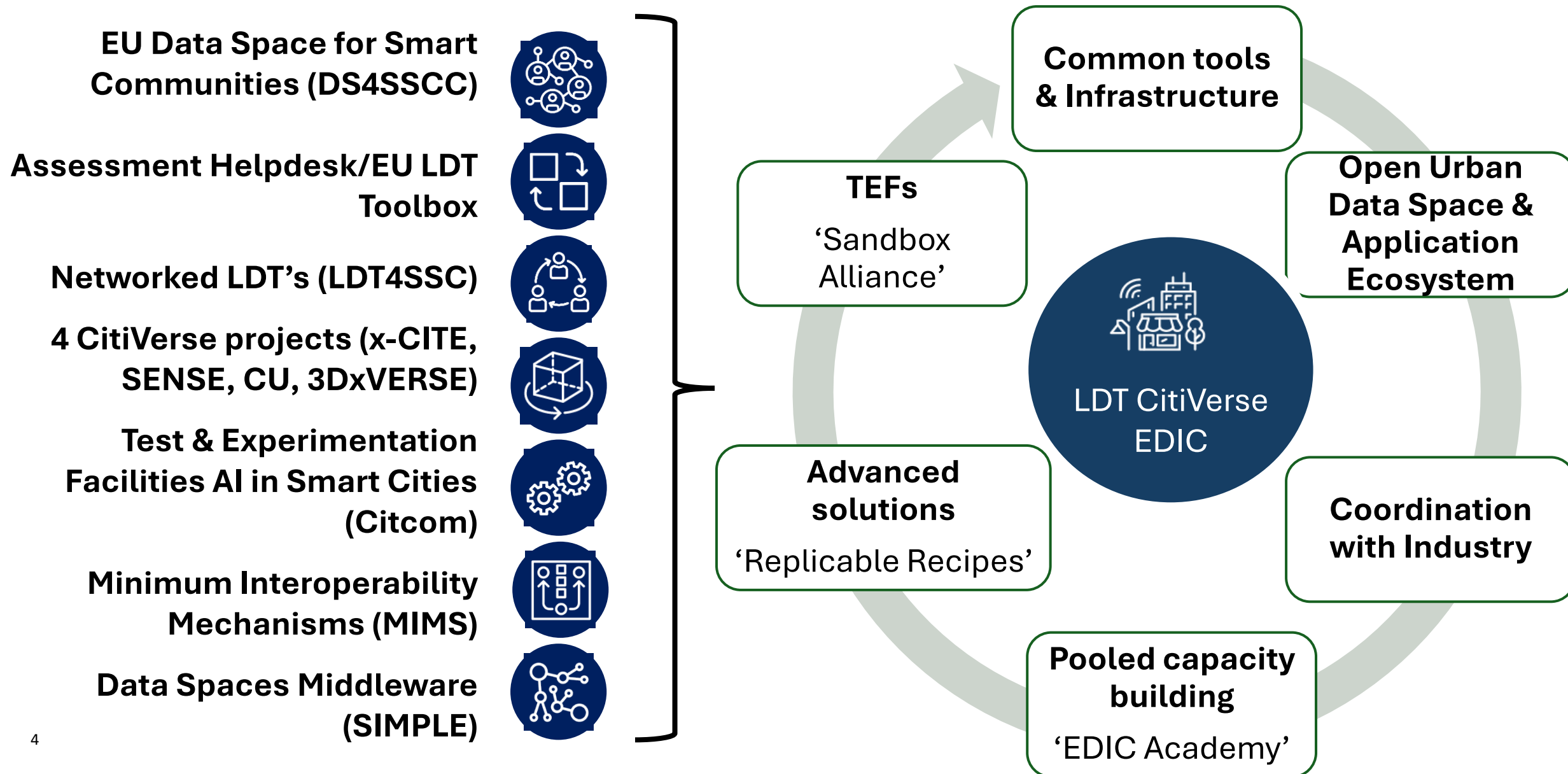
- Synergies with other networks increasing outreach and impact : Living-in.eu (Enoll, ERRIN, Eurocities, OASC, CEMR), TEF's, EDIH's, AI-factories OECD, UN-ITU,

- ➔ **14 Member states**
- ➔ **+1 (Germany just joined)**
- ➔ **2+ prospect states**

Our mission as an EDIC

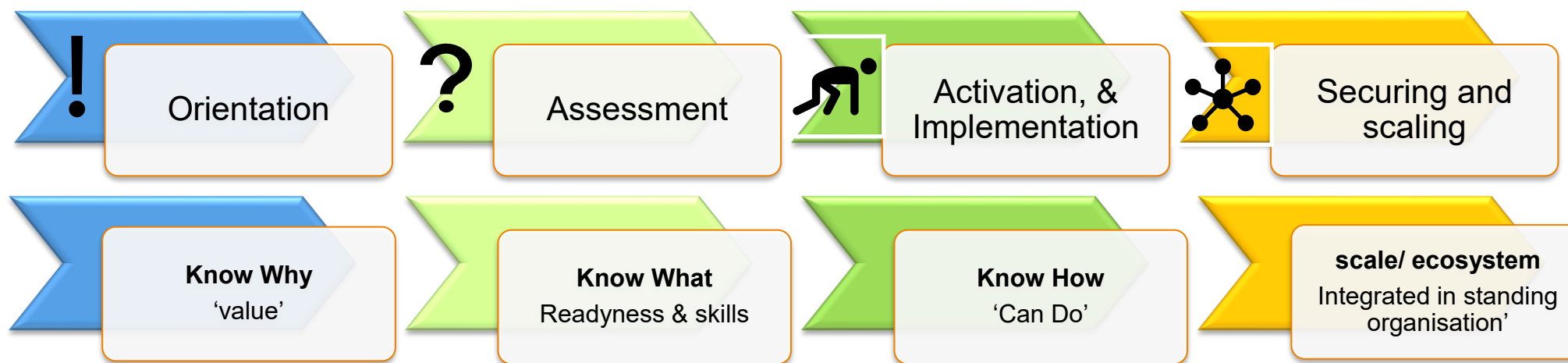
- Create a **common European infrastructure** of interoperable data platforms and services for **Networked Local Digital Twins**, with a special focus on the combination of Geo Data, AI and Virtual Worlds, with the ambition of building the **European “Citiverse”**.
- Foster a **unified European ecosystem** of networked Local Digital Twins and advanced AI-powered solutions for cities and regions through **Multi Country Projects**.
- 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.
- Creating **economies of scope and scale** through the advancement of **interoperability, replicability** and **portability** based on international open standards, European Values, fuelling European Digital Sovereignty.

EU projects feeding the LDT CitiVERSE EDIC





Portfolio-framework matched with 'City Journey'



LIVING-IN-EU

- **Step 1: Orientation (WHY)** : policy value, operational values, best practices, inspirational testimonials, Replicable 'Recipes". etc. etc.
- **Step 2: Assessment (WHAT):** 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.
- **Step 3: implementation (HOW):** LDT toolbox, OUDS building blocks and PP-Governance for LDT Citiverse Application ecosystem Marketplace
- **Step 4: validation (SCALE):** cross-validation from practice, replicable recipe's etc.

❖ Steps are of course circular 😊

❖ Other Journeys (national / regional level or Private partners) will be added

Dedicated

1. Technical and Organizational services

- **Readiness and planning (Procurement Helpdesk)**
 - (Twin) Readiness assessments (Lordimas etc.
 - Road mapping / strategy tools and support
 - Knowledge hub for technical and governance guidance (based on LDT4SSC and DS4SSCC)
- **Implementation (DT Marketplace)**
 - EU LDT Toolbox, DT-as-a-Service.
 - EU Open Urban Data Space (blueprint and utility provisioning)
 - Replicable DT-Recipe's-a-a-S

2. Capacity, Adoption & Quality

- **EDIC- academy (training)**
 - Eco-system learning communities
 - Challenge based learning
 - Professionalisation (leadership masterclasses etc. etc.)
 - EDIC Fellowship program (i.c.w European Doctoral Networks)
- **Quality certification tools**
 - Test & Experimentation facilities (CITCOM etc.)
 - Validation from Practice instrument (Sandbox Alliance Network)

General

3. Value creation Services

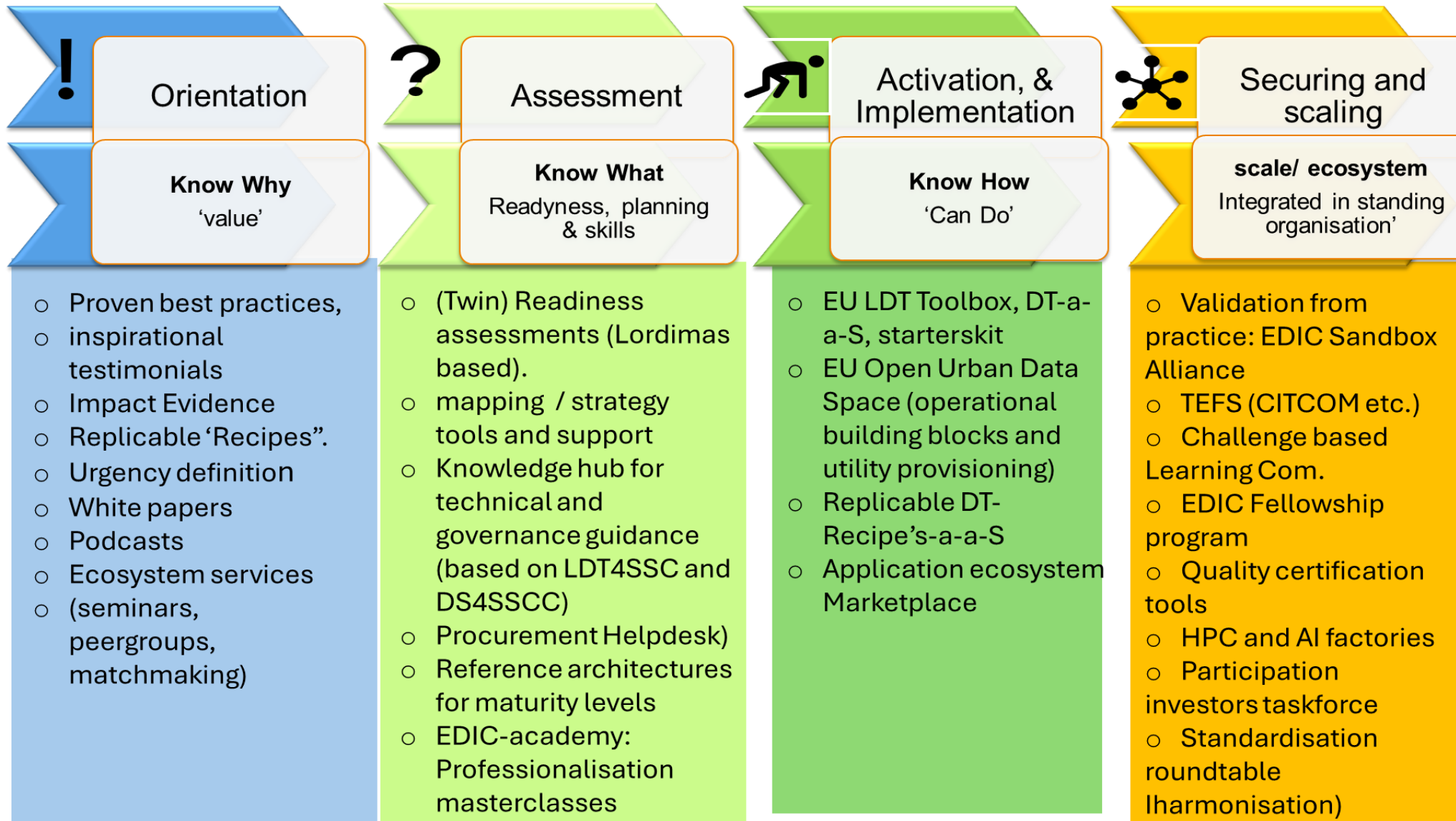
- (cloud based) Market Place for Public Private application ecosystem (Market Value)
- OUDS- utility
- Repository for economic, social and ecological impact monitors (Policy Value)

4. Ecosystem Services

- EDIC-members portal
- Matchmaking: Cities tinder platform (icw CEMR, Living-in. eu)
- Scouting and ecosystem analysis (yearly monitors, assessment tools)
- Quaterly themed meet-ups hosted by a member
- 1 yearly physical assembly + twin & citiverse summit week.
- Creating awareness (white papers, podcast, leadership forum)
- Brokerage (strategic EU-calls, matchmaking alliances)



Match portfolio with the City Journey for impact!



LDT CiTiVERSE EDIC Sandbox Alliance

Goal

- Close the gap between EU-calls and operationalization in primary processes of cities and regions.
- From Design-time to Run-time: Focus on operationalization.
- Validation from practice(adoption capacity): useability, replicability, scalability and robustness of solutions and infrastructure needs to be tested, not only in closed test and experimentation facilities, but in the sandboxes of cities and regions themselves, creating feedback-loops from practices.

First action: testing EU LDT Toolbox building-blocks (Jan-June 2026)



Simpl

Foundation Services
Guide, Validate and Test

- LDT Starter Pack
- Urban Data Space Readiness as-a-Service
- MCP: Run-time validation from practice
- **Blueprint-Compliant Data Access Gateway**
- **(AI) Testing and Experimentation**

Federate and Innovate
Foundation +

- Networked LDTs
- European Open Urban Data Space Foundation
- Curated Appstore-like Marketplace (AI-driven)
- **Coordinated Federated Solution Testing**
- **Use-Case Matchmaking**

Scale with AI and Immersion
Federate and Innovate

- Participatory Citiverse Modules
- Generative AI for Urban Planning
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- **Foundational Model Fine-Tuning**
- **Citiverse Content Creation**
-

City-oriented Services

Innovator-oriented Services

2026

2027

2028

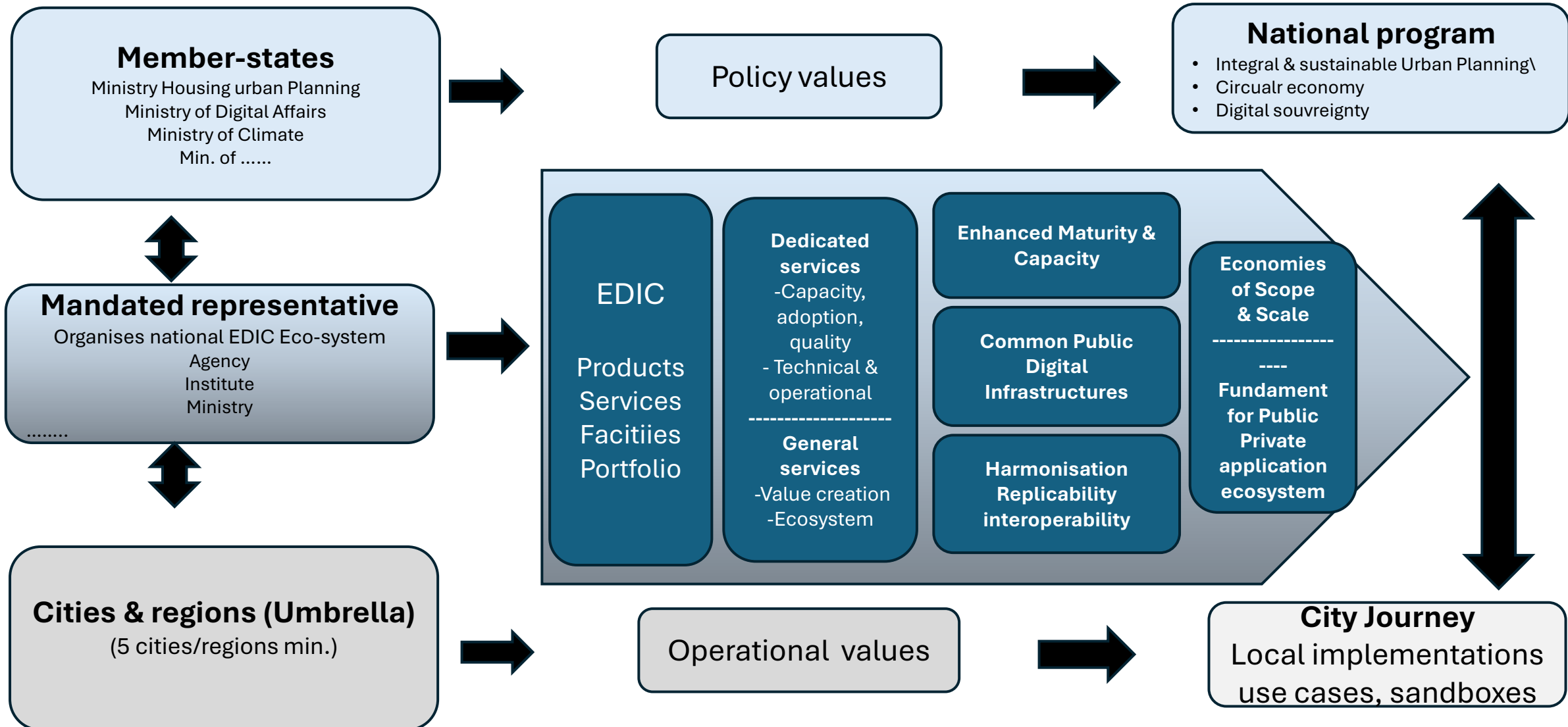
2029

In-Kind Infrastructure by partners
e.g. CEREMA (FR) and MCP-sandboxes
Projects

Own sovereign Cloud Hosting Environment

EuroHPC (AI Factories)

General membership model



Thema's voor nationale programma's

- Digital Twinning formeel onderdeel planproces voor integrale gebiedsontwikkeling.
- Open Urban Data Space als publieke digitale infrastructuur fundament voor DT ecosysteem en programmering Sandbox Alliance (vergroting maturiteit en adoptiecapaciteit).
- Ontwikkeling neutrale 'market infrastructure' voor Europese DT-appstore (level playing field voor MKB, slechten van marktfaalens).
-



IMPACTS-EDIC

Patrick Knoester

Coördinerend beleidsmedewerker
Standaardisatie en Interoperabiliteit

Directie Publieke Dienstverlening en
Digitalisering



**Innovative Massive Public Administration
interconnected
Transformation Services
(IMPACTS) – EDIC**



IMPACTS EDIC | Deelnemende landen

Founding Members

- ▶ Croatia
- ▶ Greece
- ▶ Hungary
- ▶ Netherlands
- ▶ Poland
- ▶ Ukraine

Observers

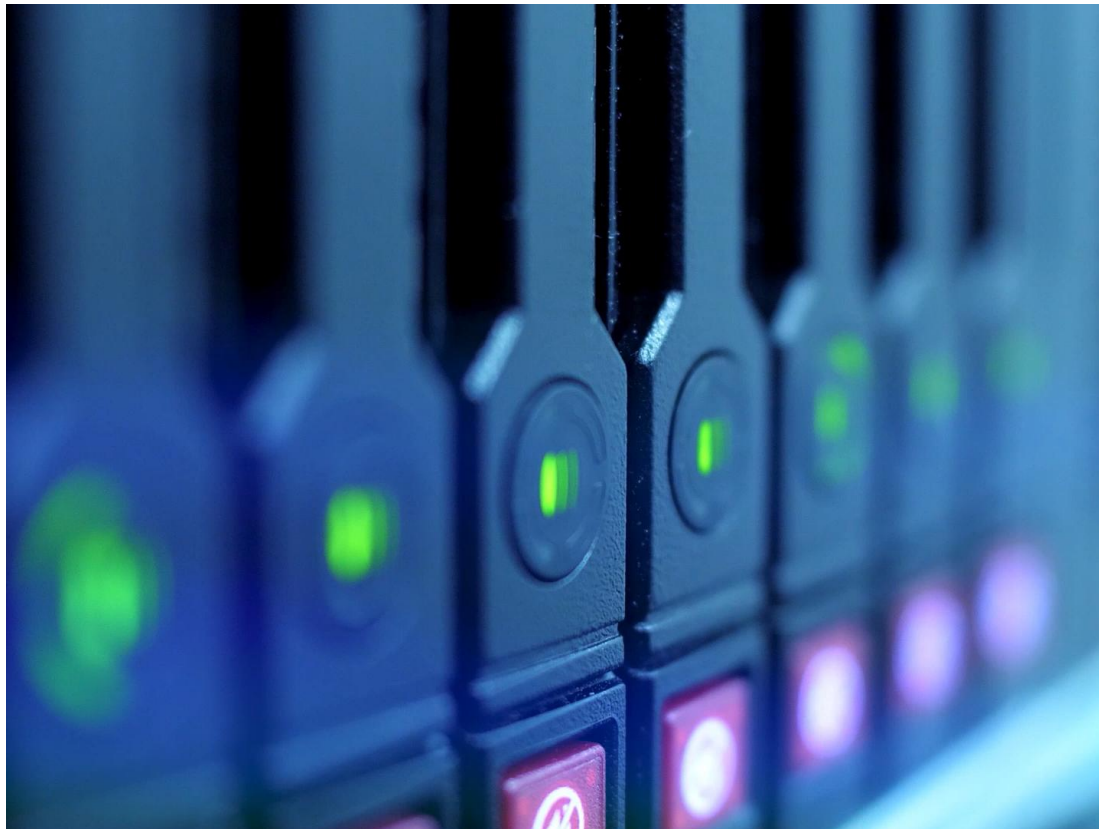
- ▶ Cyprus
- ▶ Finland,
- ▶ Germany,
- ▶ Luxembourg,
- ▶ Malta,
- ▶ Norway
- ▶ Romania
- ▶ Slovenia

Geïnteresseerden

- ▶ Latvia
- ▶ Luxembourg,
- ▶ Norway



Achtergrond en missie



- > De behoefte aan **verbonden en efficiënte digitale overheidsdiensten** is groter dan ooit.
- > **IMPACTS-EDIC** is een samenwerking op het gebied van digitale oplossingen en diensten voor overheidsorganisaties met focus op grensoverschrijdende dienstverlening.
- > Ter ondersteuning van de uitvoering van de **Interoperable Europe Act**.
- > Het stimuleert samenwerking tussen **lidstaten onderling en Europese organisaties**, met als doel publieke dienstverlening te verbeteren via innovatieve interoperabiliteitsoplossingen.
- > Concrete acties omvatten:
 - Het ontwikkelen van interoperabele oplossingen en vernieuwende publieke diensten.
 - Het versterken van interoperabiliteit op basis van het **European Interoperability Framework (EIF)**.



Primaire taken



Ontwikkelen van interoperabele oplossingen en samenwerkingen voor de digitalisering van publieke diensten.



Bevorderen van interoperabiliteit en samenwerking met bestaande EDIC's.



Betrekken van stakeholders bij planning en implementatie.



Stimuleren van geavanceerde publieke diensten(AI) en versterken van digitale soevereiniteit.



Scope

- Contribute to the priorities of the Interoperable Europe Agenda, by supporting the implementation, deployment and maintenance of existing interoperability solutions, including all Interoperable Europe solutions
- Create new, reusable interoperability solutions, fully exploiting the benefits of AI
- Enhance the capacity of public administrations in conducting interoperability assessments
- Enable exchange of best practices and peer reviews
- Assist in the implementation and scale up of support innovation measures and solutions
- Support the establishment of an architectural model for enhanced interoperability of cross-border public services and data exchange
- Contribute to the development of the Interoperable Europe Academy



Mogelijke participatie

- › Doel van de EDIC is een bundeling van middelen, kennis en expertise van deelnemende landen.
- › EDIC's kunnen samenwerken om overlap te voorkomen
- › Interoperabiliteit als gedeelde kern
- › Gezamenlijk werken aan standaarden voor dataspaces(MIM, eDelivery, FSC)
- › Pilots rondom verantwoord AI-gebruik in sandboxes
- › Gezamenlijke trainingen, delen van informatie op het Interoperable Europe Portal
- › Samenwerking bij Living-in.EU

Samenwerken binnen Europa

Geonovum: Verkent, verbindt,
verankert

Auteur Koos Boersma, Jan Wester en Jonas Onland

Datum 3 maart 2026



EU Digital Decade 2030

Skills

20 million employed **ICT specialists**, more graduates + gender balance
80% of adults can **use tech** for everyday tasks

Government

Key Public Services - 100% online
Everyone can **access health records online**
Everyone can use **eID**



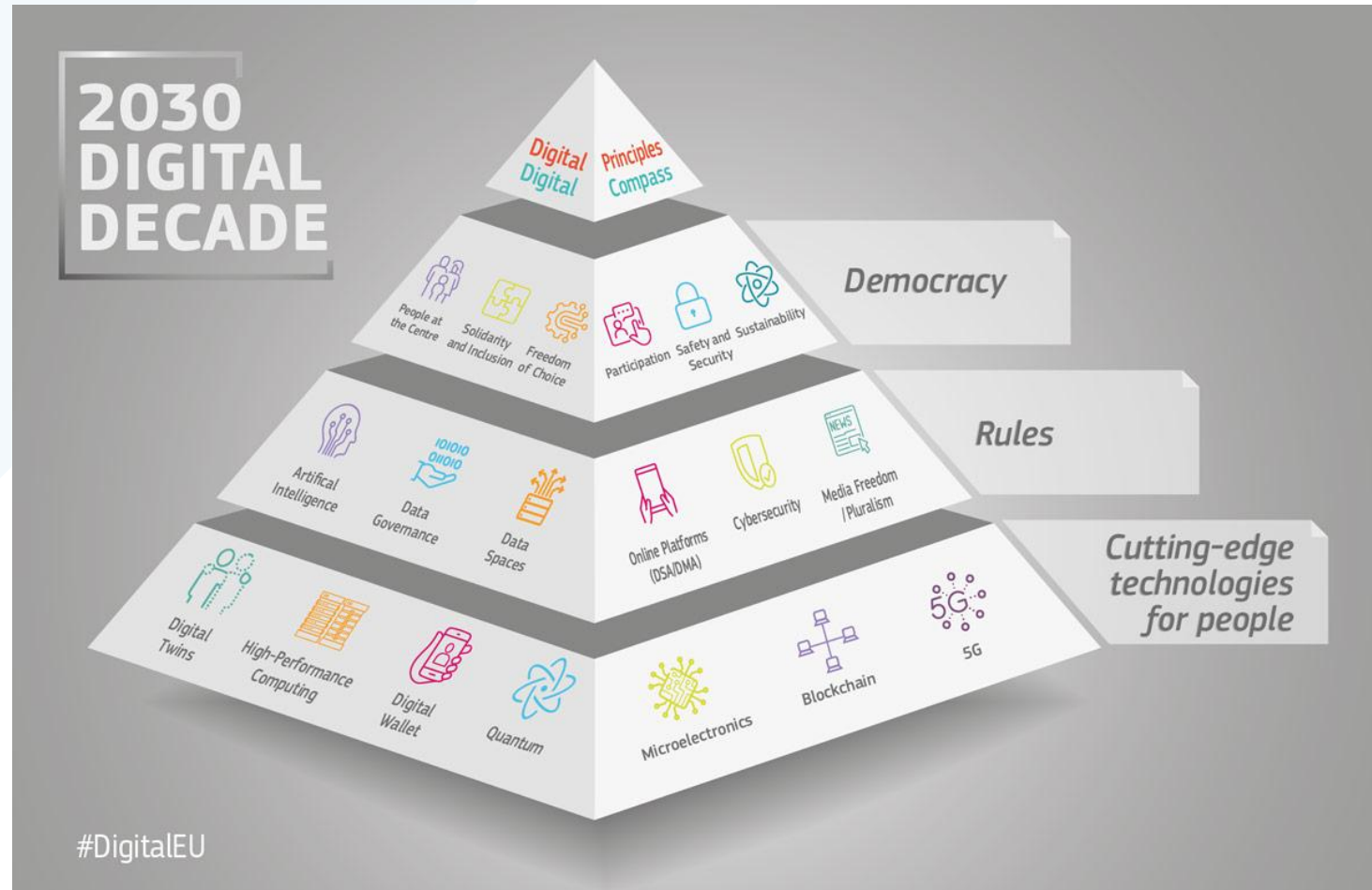
Infrastructure

Gigabit connectivity for everyone, **high-speed mobile coverage** (at least 5G) everywhere
EU produces 20% of world's **semiconductors**
10 000 **cloud edge nodes** = fast data access
EU **quantum computing** by 2025

Business

75% of companies using **Cloud, AI or Big Data**
Double the number of **unicorn startups**
90% of **SMEs taking up tech**

EU Digital Decade 2030

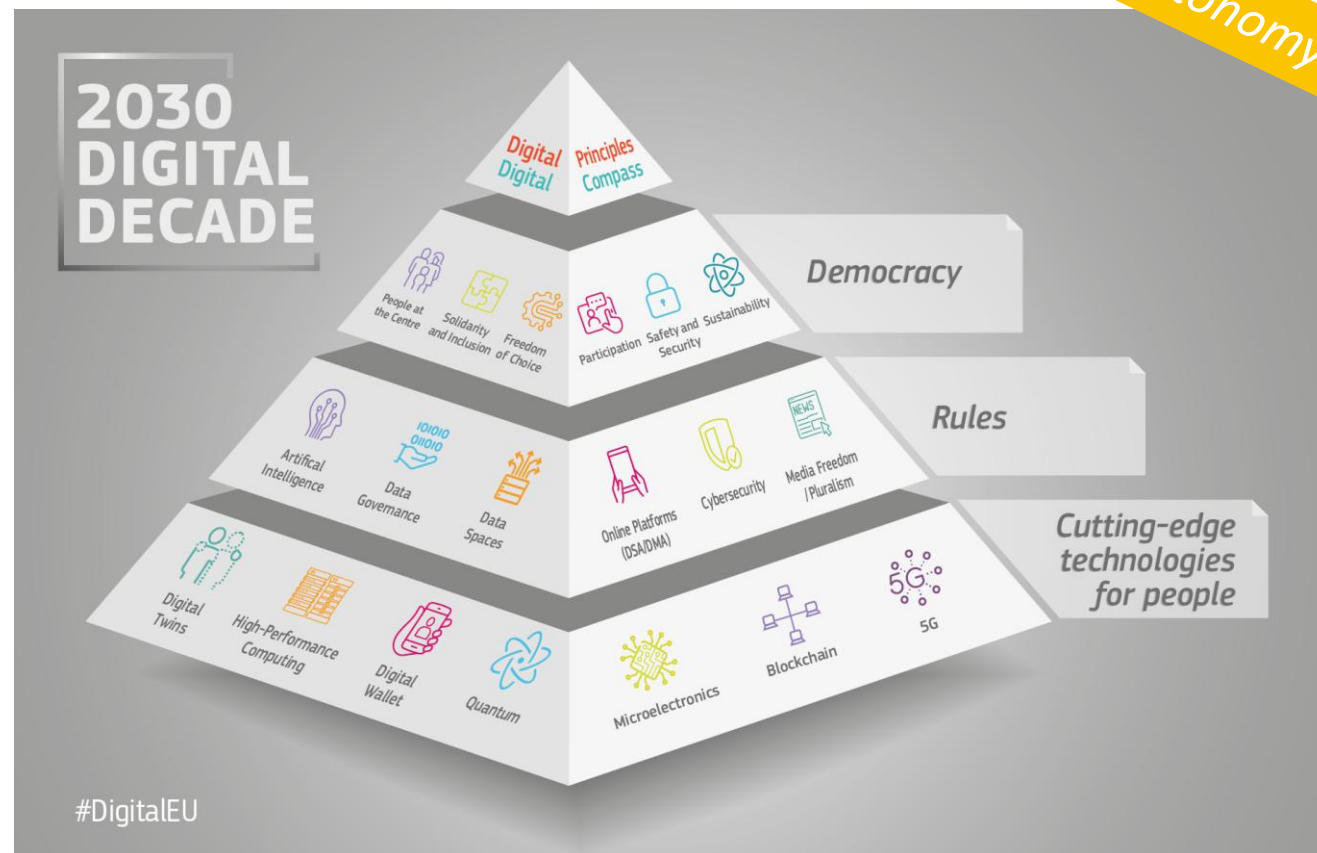


Van waarden naar EU-programma's

Waarden: Participatie, veiligheid, enzovoort.

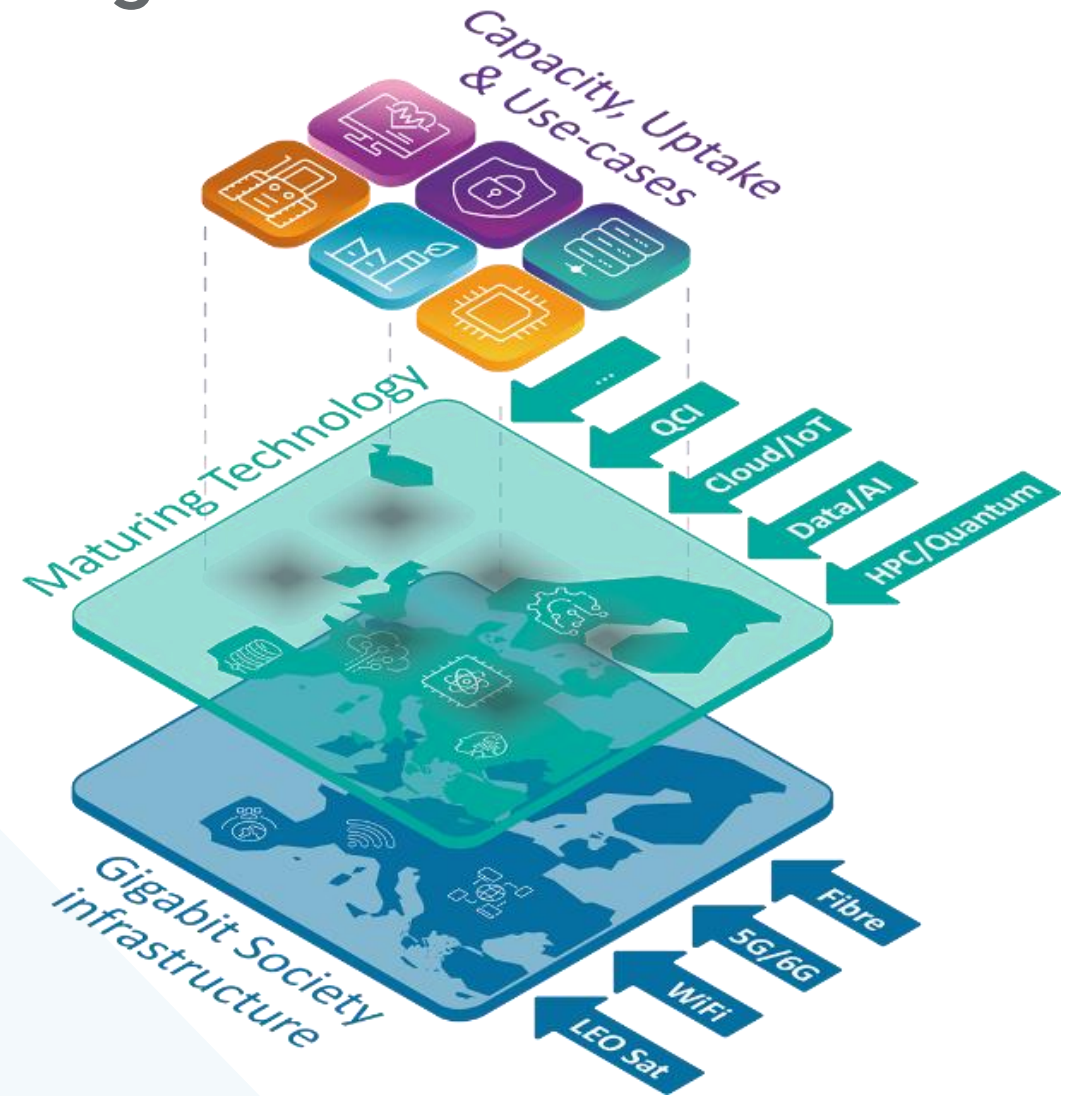
Regelgeving: AI Act, Data Act, eIDAS, Interoperable Europe Act, enzovoort.

Subsidies: Digital Europe, Horizon Europe & CEF-financiering.



Digital Europe, Horizon Europe & CEF Digital

- > **Digital Europe**
- > Implementatie en opschaling. Uitrol van bewezen digitale technologieën.
- > **Horizon Europe**
- > Onderzoek en innovatie. Nieuwe kennis, experimenten, prototypes.
- > **CEF Digitaal**
- > Infrastructuur. Connectiviteit, 5G-corridors, backbone-netwerken.



Key Messages



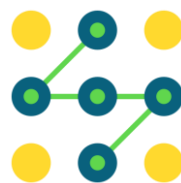
SCALE

Pulling together **investment power of € 451 billion** at EU level for our industrial leadership in strategic sectors.



IMPACT

To deliver one powerful financial toolbox to leverage and mobilise private investment.



SEAMLESS INVESTMENT JOURNEY

To fund entire investment journey from research to scale up, and global manufacturing.



SINGLE RULEBOOK

To simplify rules and make funds get faster to applicants.



POLICY COHERENCE

To ensure coherence between industrial and research policies.



AGILITY

To react quickly to new priorities.

Van project naar infra: wat zijn EDICs?

- Europees samenwerkingsverband van lidstaten om grootschalige **digitale infrastructuren** en diensten gezamenlijk te ontwikkelen en te beheren.
- Biedt een **juridisch en organisatorisch kader** om middelen, kennis en investeringen van meerdere landen te bundelen.
- Gericht op **strategische EU-prioriteiten** zoals data-spaces, AI, digitale identiteit, cloud/edge en virtuele werelden.



Alle EDICs op een rij



Emerging EDIC ideas:

- Cancer Images (EUCAIM EDIC)
- EBRAINS
- TEF Health

Upcoming EDIC initiatives:

- Agrifood EDIC
- Cybersecurity Skills Coalition
- Genomics EDIC
- European Startup Nations Alliance
- EDIC for Mobility and Logistics Data

EDIC applications being processed:

- IMPACTS EDIC (Innovative Massive Public Administration interConnected Transformation Services)

EDICs already set up:

- AIT EDIC
- LDT EDIC
- EUROPEUM EDIC
- Digital Commons (DC EDIC)