The EU role in interoperability
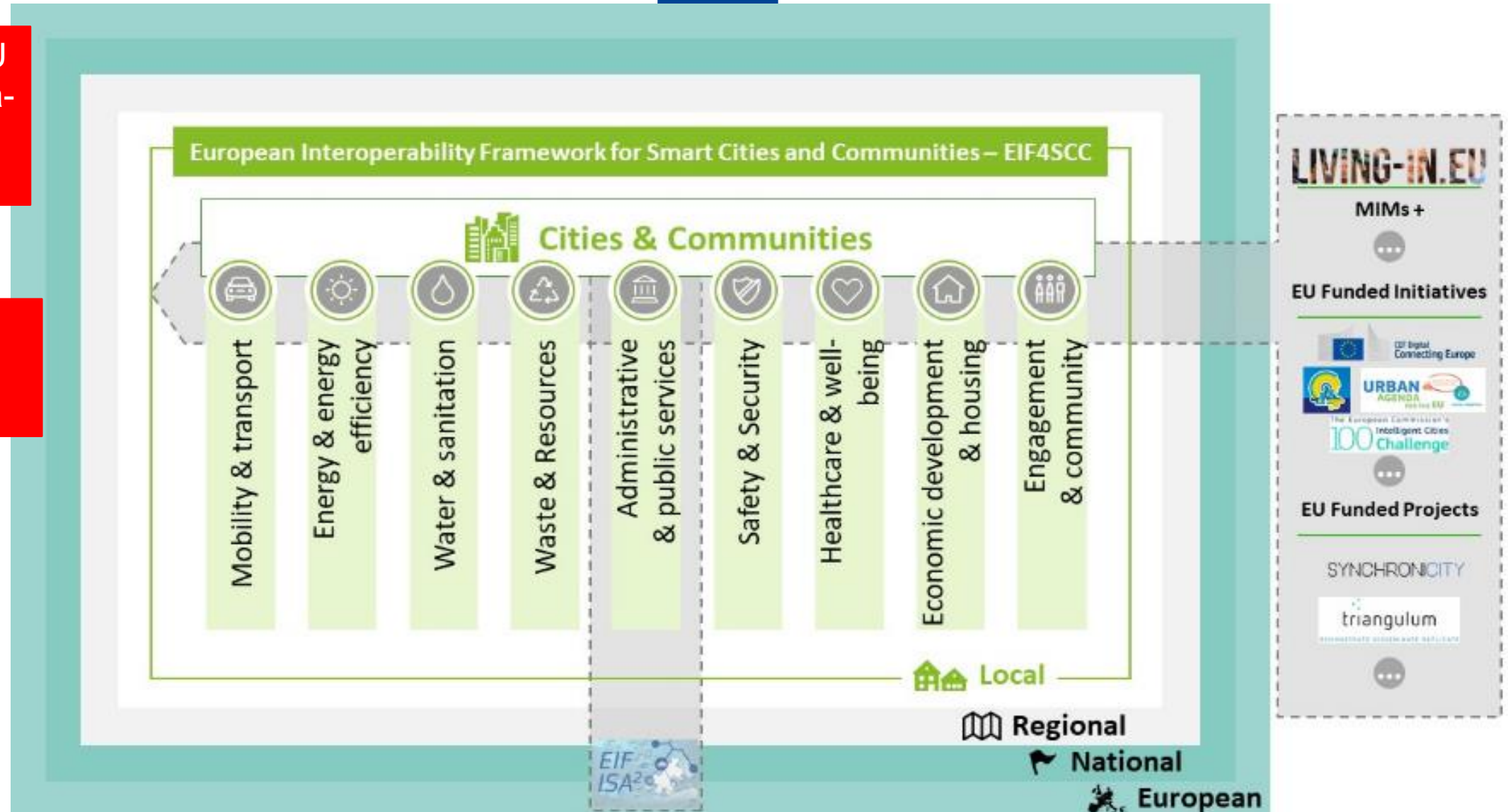
StandICT.eu
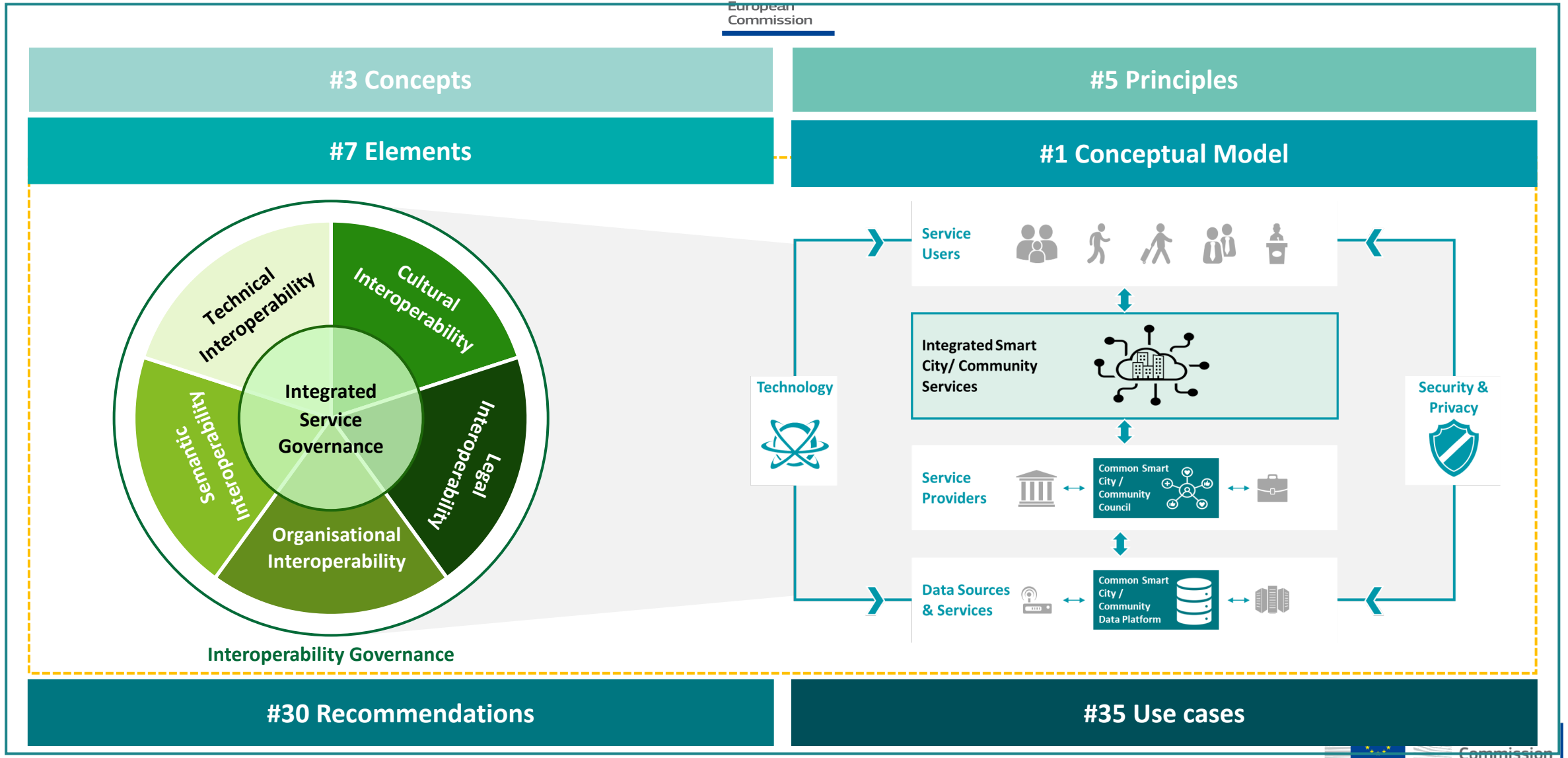
Eddy Hartog, DG for Communications Networks, Content and Technology, Technologies for Smart Communities
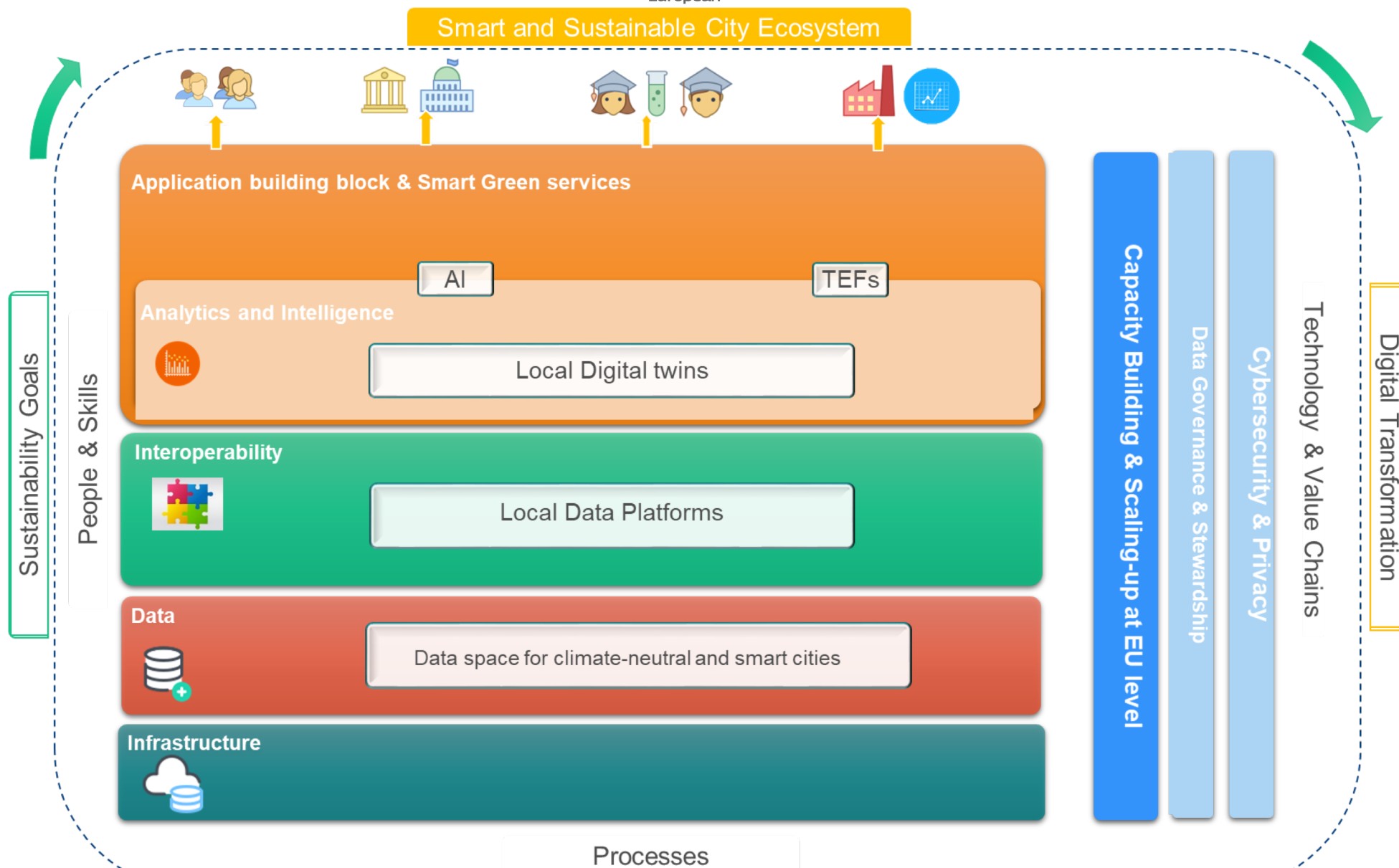
27 October 2021

Link to EU interopera-bility webpage

Link to EIF4SCC study

European Commission

#3 Concepts

#5 Principles

#7 Elements

#1 Conceptual Model

Technical Interoperability

Cultural Interoperability

Integrated Service Governance

Semantic Interoperability

Legal Interoperability

Organisational Interoperability

Interoperability Governance

Service Users

Integrated Smart City/ Community Services

Technology

Security & Privacy

Service Providers

Common Smart City / Community Council

Data Sources & Services

Common Smart City / Community Data Platform

#30 Recommendations

#35 Use cases

Commission

Smart and Sustainable City Ecosystem

European

Application building block & Smart Green services

AI

TEFs

Analytics and Intelligence

Local Digital twins

Interoperability

Local Data Platforms

Data

Data space for climate-neutral and smart cities

Infrastructure

Sustainability Goals

People & Skills

Capacity Building & Scaling-up at EU level

Data Governance & Stewardship

Cybersecurity & Privacy

Technology & Value Chains

Digital Transformation

Processes

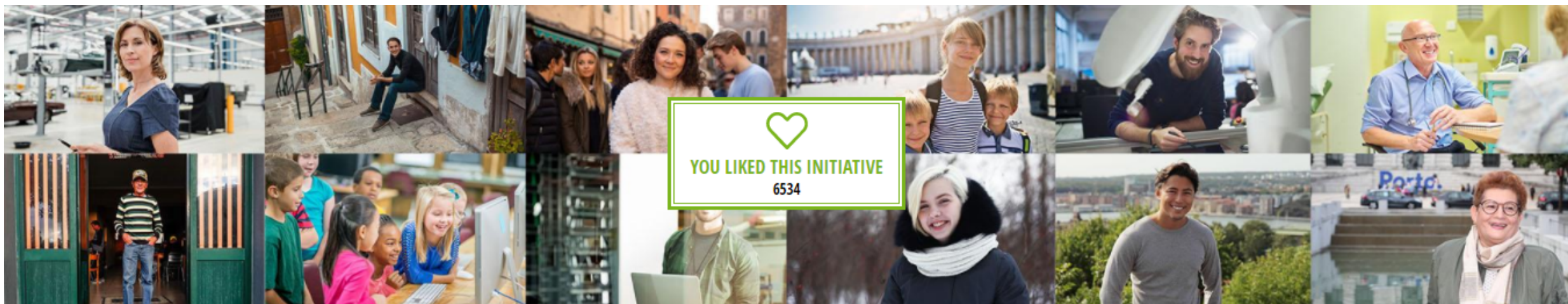European Commission

Link to the website

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1. Context Information Management

2. Common Data Models

3. Marketplace Enablers (Ecosystem Transaction Management)

4. Personal Data Management

5. Fair Artificial Intelligence

• …and many more to come…

A set of practical capabilities based on open technical specifications that allow cities and communities to replicate and scale solutions globally

Data

Data space for climate-neutral and smart cities

- Developing data governance scheme
- Blueprint of data space (governance)
- Priority data sets aligned with blueprint standards and principles
- Roadmap
- Validation of the blueprint on at least two of the European Green Deal action areas

Application building block & Smart Green services

AI   TEFs

Analytics and Intelligence

Local Digital twins

Procure a European toolbox for Local Digital Twins that all European cities could use when developing their digital twins

New European Bauhaus
beautiful | sustainable | together

LIVING-IN.EU
The European way of digital transformation in cities and communities

Interoperability

Local Data Platforms

Help prepare the procurement and deployment of the interoperable local platforms

Thank you!

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European Commission