



DATA SPACE FOR
SMART AND SUSTAINABLE
CITIES AND COMMUNITIES

An Initiative Overview

LIVING-IN.EU

Presented by
Sophie Meszaros



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Context: the data journey

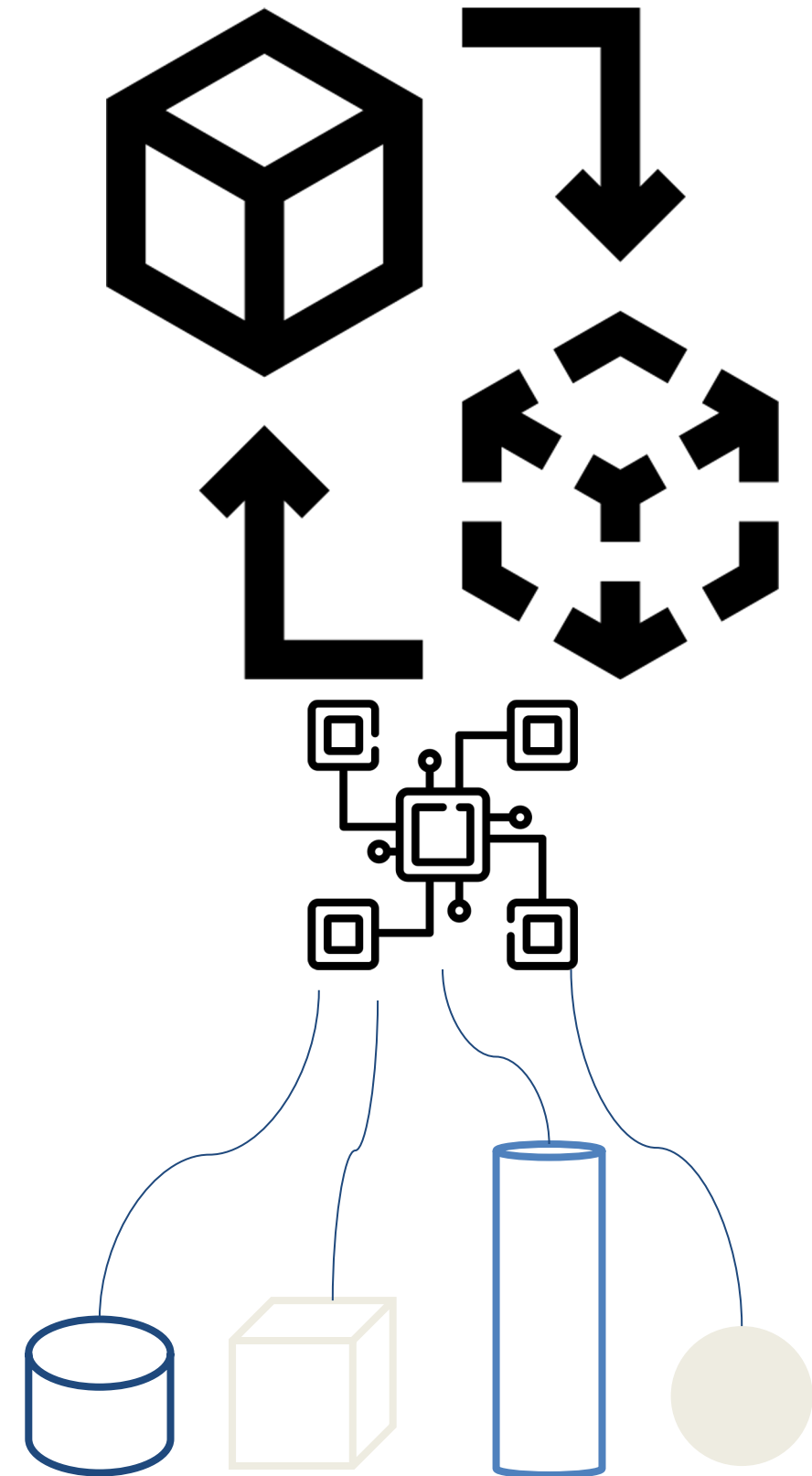
AI e.g.: DIGITAL TWIN

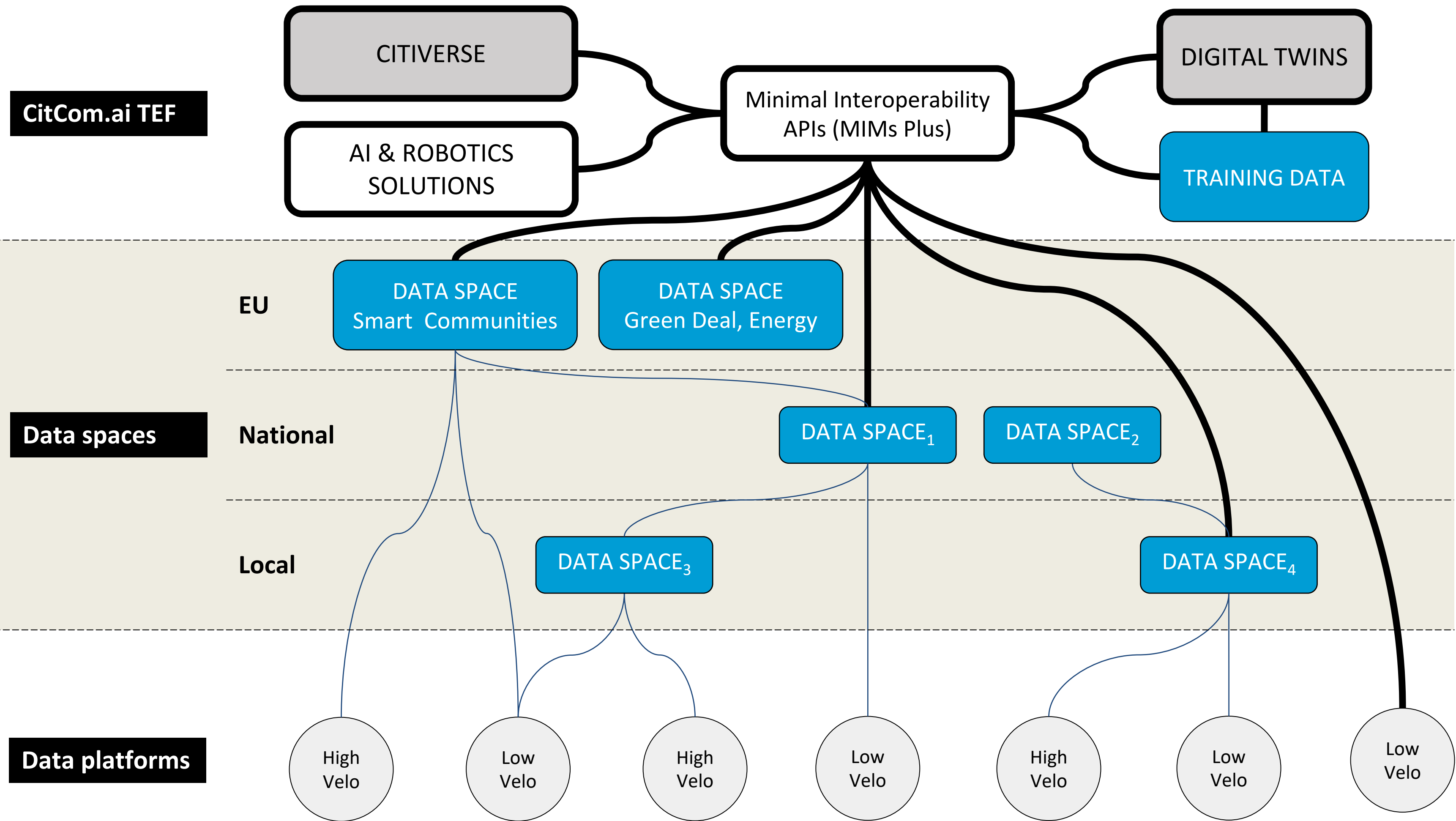


DATA SPACE



DATA





Cities as enablers of the data economy

different types of data and interests need to converge and be harmonised to provide a common goal: better quality of life in cities for people and businesses

- City as data/service provider/consumer
- Decision-making for both citizens and managers

Challenges

- break the silos
- avoid vendor lock-in
- business model
- interoperability
- portability

Across sectors & domains...



reservations estimation of the hotels



number of airport passengers



better the public transportation of the city in certain days

... cross-domain data spaces



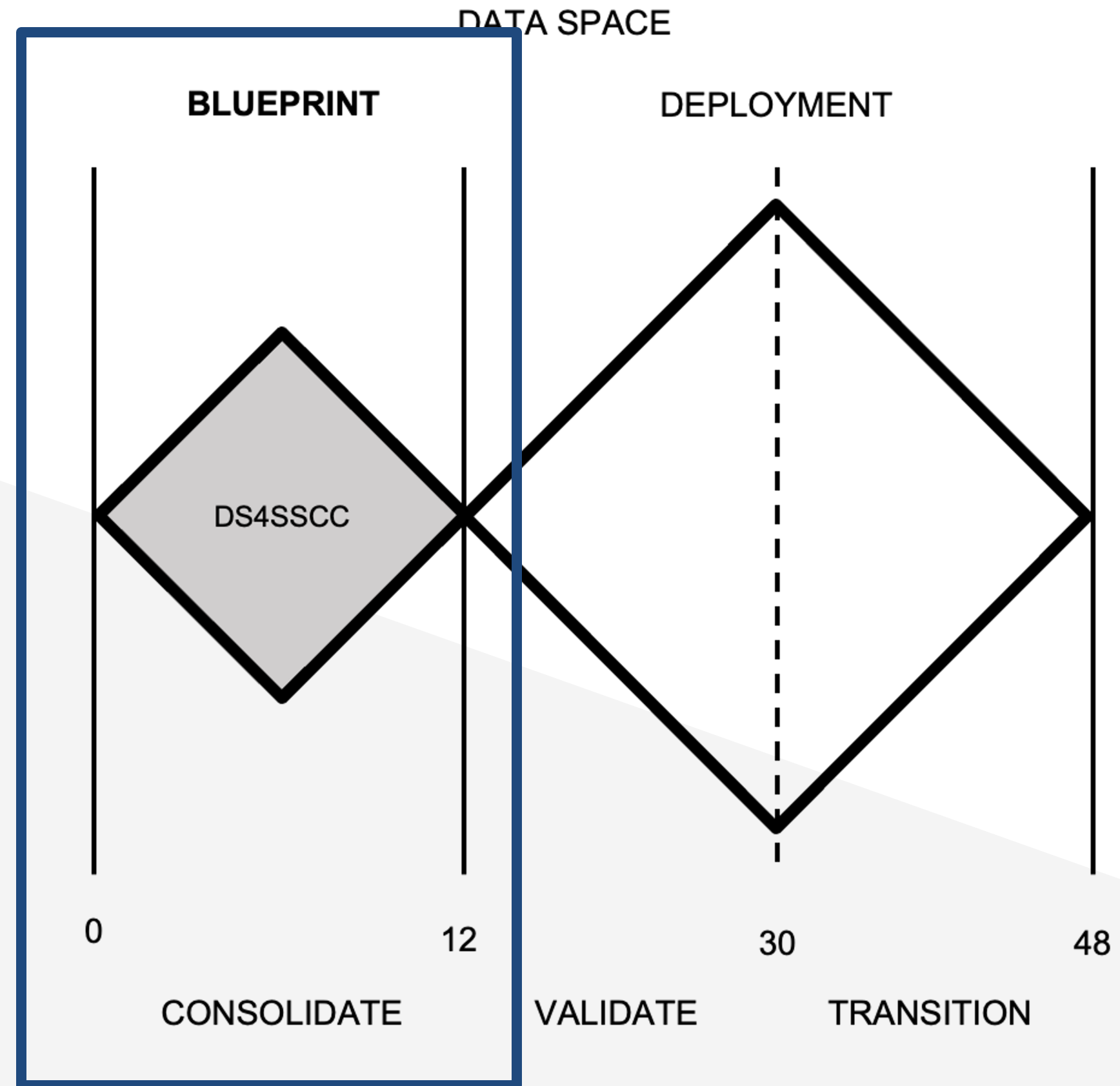


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Data Space for Tourism Website



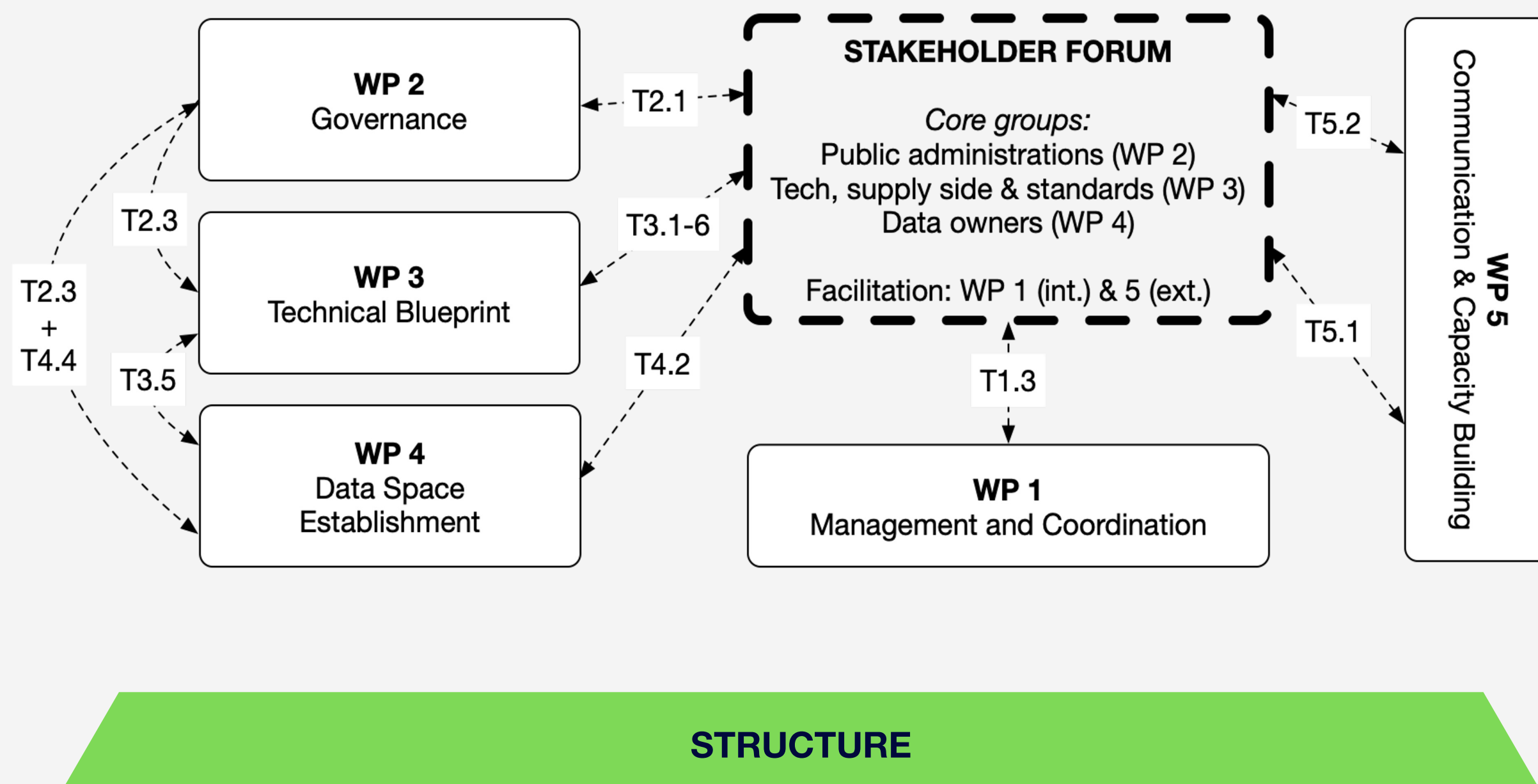


DS4SSCC - An Initiative Overview

Oct, 2022 - Oct, 2023



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DS4SSCC - An Initiative Overview

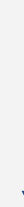


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Stakeholder Forum



Workshops, surveys, interviews



governance scheme, catalogue of specifications, roadmap, capacity building
(WP2, 3, 4, 5)



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Activities



Stakeholder Forum Workshops

7 events

Expression of Interest Form

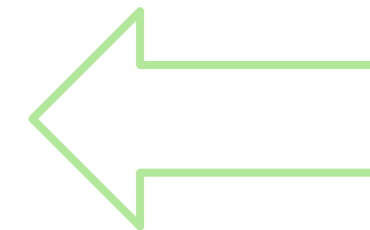
36 Responses

Survey

85 Responses

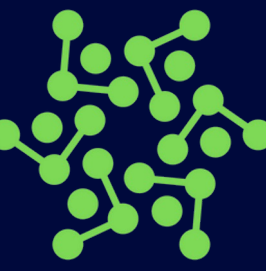
Interviews

22 Interviews

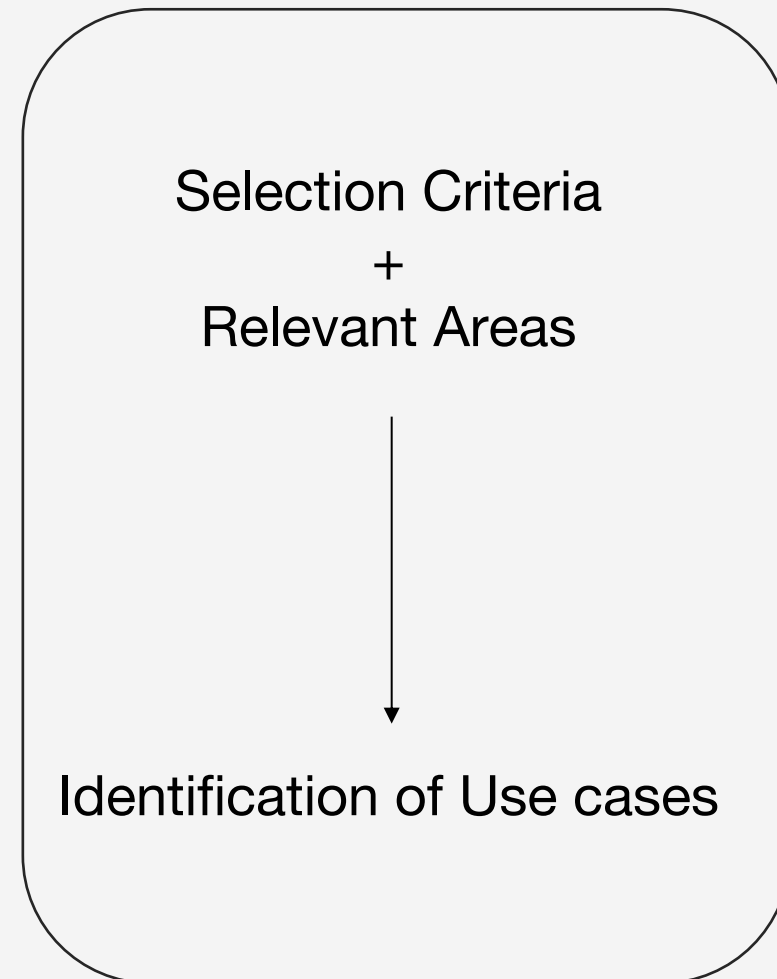


Stakeholder Forum
157 individuals
supply & demand side
from 23 Countries





Identification of use-cases



Use case 1: Optimising traffic management to reduce pollution

Alignment with Green Deal Objectives:

- Accelerating the shift to smart & sustainable mobility
- Zero-pollution ambition for a toxic-free environment

Led by Amsterdam and Lisbon

Use case 2: Management of energy flows in a city/community-specific context

Alignment with Green Deal Objectives:

- Supplying clean, affordable, and secure energy
- Leave no-one behind (Just Transition)

Led by Barcelona



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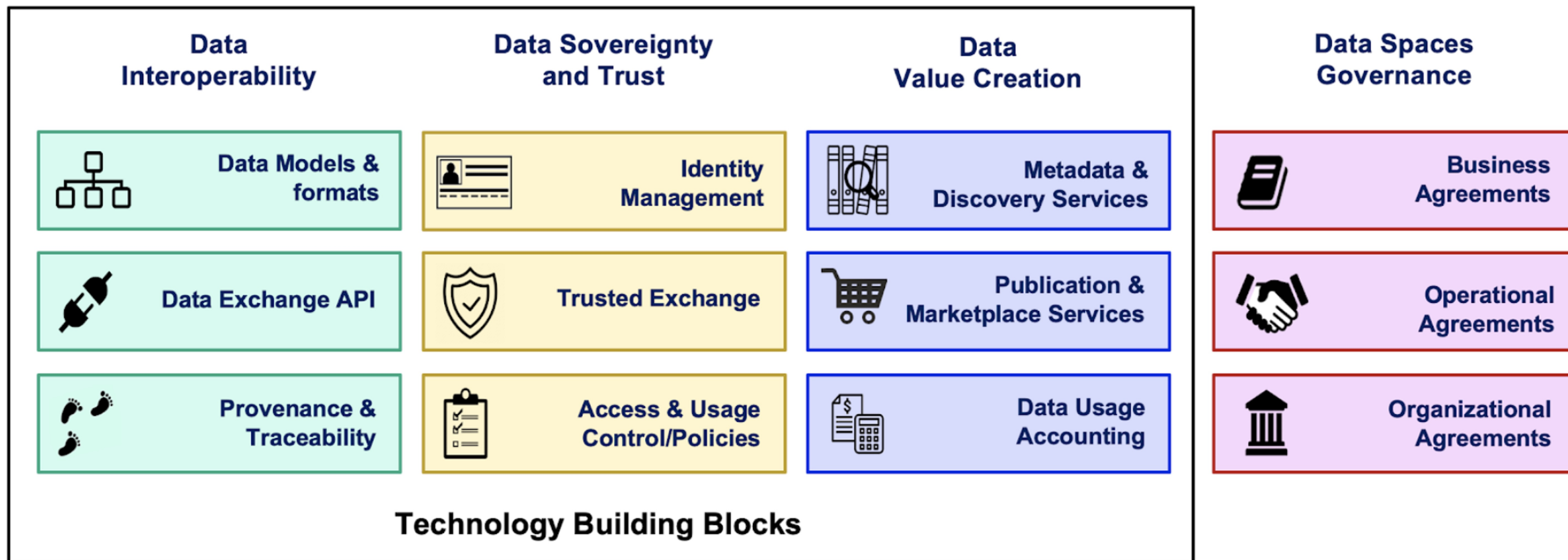
THE GLOBAL GOALS



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Technical Blueprint

[Open DEI framework](#)



LIVING-IN.EU

Cities & Communities
(Signatories)

Industry
(Supporters)

Capacity Building

Financial

Legal

Monitoring & Measuring

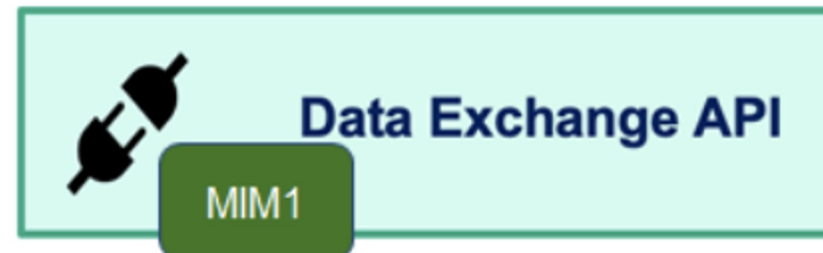
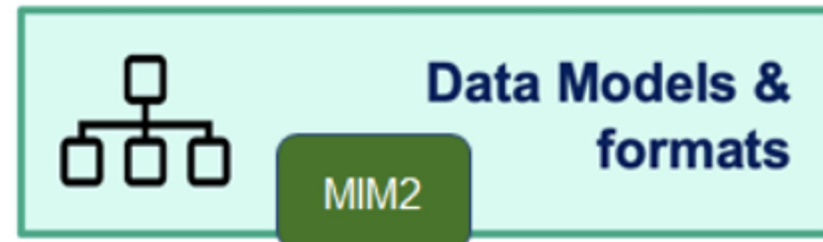
Technical



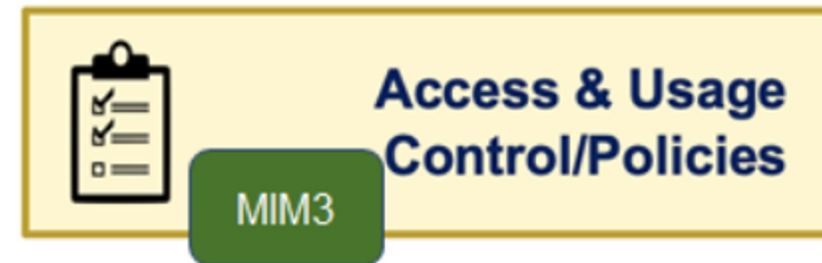
MIMs Plus

Subgroups

Data Interoperability



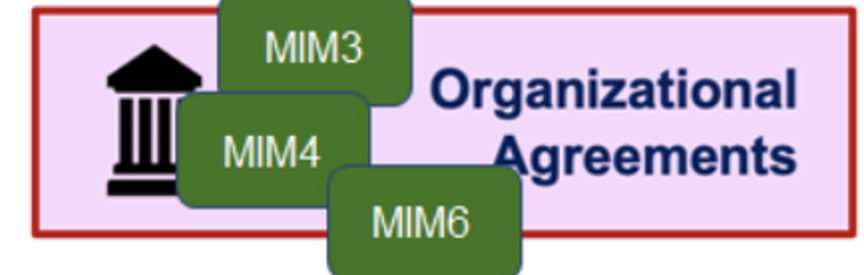
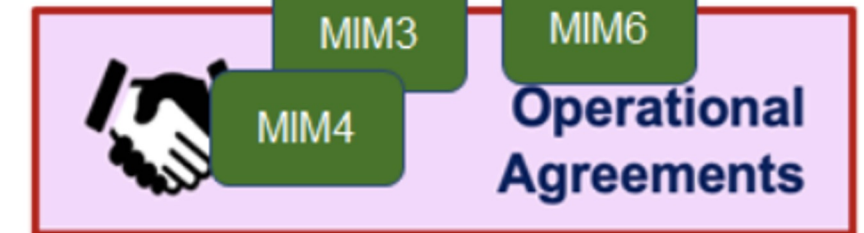
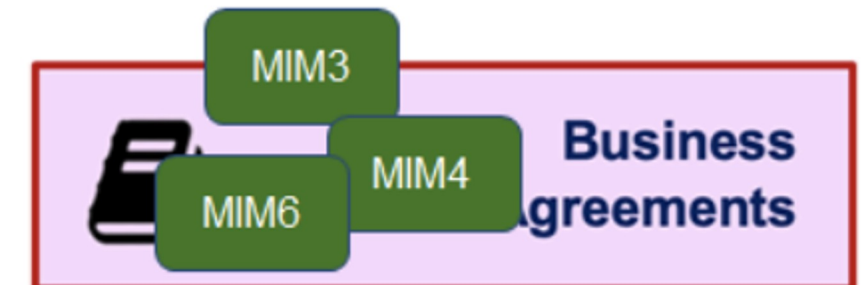
Data Sovereignty and Trust



Data Value Creation



Data Spaces Governance



Technology Building Blocks

Date, Location	Event	Event objective
January 16th 2023, Brussels (BE) (Hybrid format)	1st workshop	Work-in-progress presentation
		Inputs/feedback collection on the DS4SSCC activities and expected results
02nd March (10am-12pm), online	2nd workshop	Presentation of DS4SSCC work-in-progress
		Collection of insights on the data governance scheme development, priority data sets & the blueprint
12th April (10am-12pm), online	3rd workshop	Presentation of DS4SSCC work-in-progress and collection of insights on the WP2, WP3, WP4 project activities and outcomes
03rd May (10am-12pm), online	4th workshop	Presentation of DS4SSCC work-in progress, collection of feedback on the project activities and validation of the catalogue of specification
07th of June (10am-12pm), FIWARE Summit	5th workshop	Presentation of DS4SSCC work-in progress, sneak peek into the governance scheme, Capacity Building Exercise by ENoLL
05th July (10am-12pm), online	6th workshop	First validation of the architecture- WP4
06th September (10am-12pm), online	7th workshop	Final validation of data governance scheme and the roadmap
September 2023 (10am-12pm), Barcelona (ES)	Event on Data Spaces at the Open Living Labs Days	Presentation and promotion of the DS4SSCC results
		Connection with sister and related projects
		Panel discussion



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www.ds4sscc.eu

Narrative document
Online navigable catalogue
Whitepaper for public
Capacity building
Newsletter



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Upcoming Dates:

7th June: DS4SSCC Stakeholder Forum (closed - online)

14th June: OASC Annual Event (open - Brussels)

15th June: Living-in.EU Tech Subgroup Meeting (closed - hybrid/ Brussels)



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**DATA SPACE FOR
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Thank you for listening

Any comments, questions or suggestions?

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