

# DATA SPACES SUPPORT CENTRE

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# Data is a pillar of EU competitiveness

## Data is *crucial* for AI

“Companies in Europe struggle to get access to the data they need – while large foreign tech companies use European data to fuel their business.”

*Political Guidelines, July 2024*



Those who can freely access new research, increasingly **accurate data**, and more efficient technologies can **innovate more quickly**, improve their processes, and **maintain competitiveness** in the global market.

*Letta report, April 2024*



The EU should **promote cross-industry coordination and data sharing to accelerate the integration of AI** into European industry.

*Draghi report, September 2024*

Ehm... what's a data space  
again?

# What's a data space?

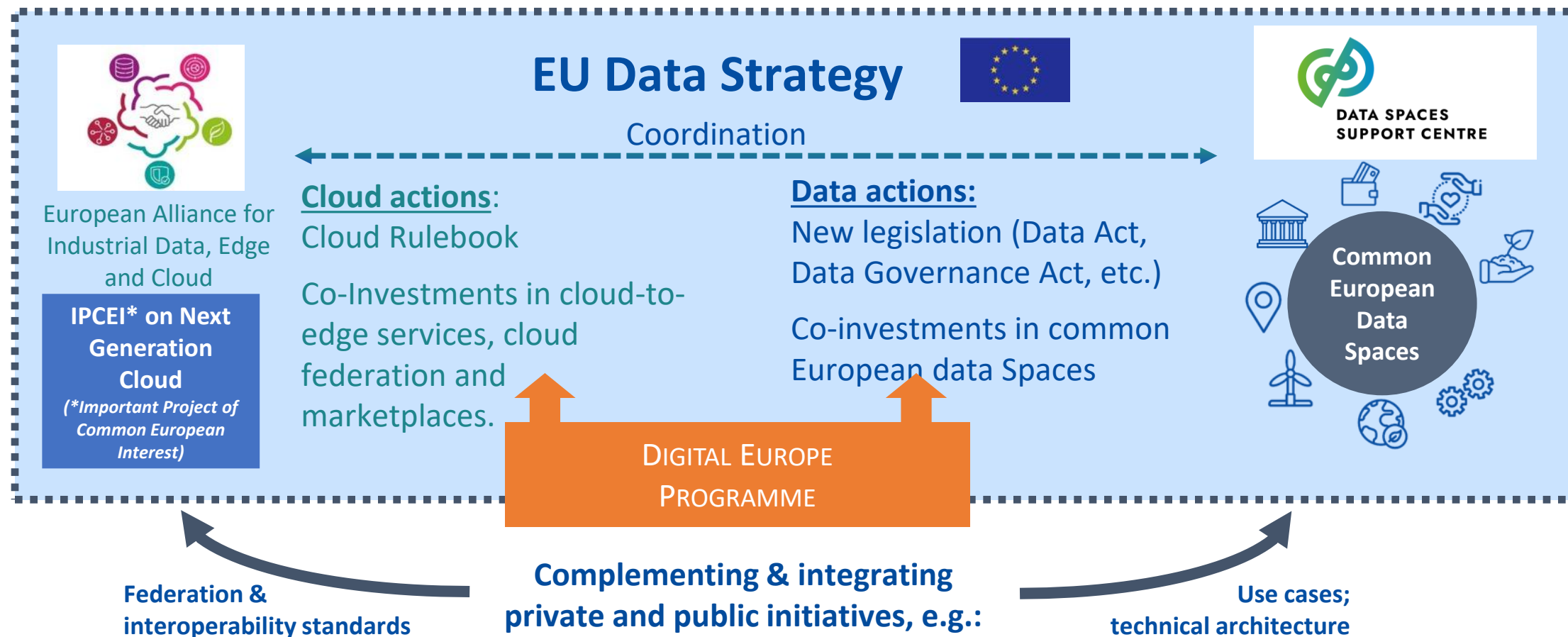
A data space is an **interoperable framework, based on common governance principles, standards, practices and enabling services, that enables trusted data transactions between participants.**

CEN Workshop Agreement 18125 (available [here](#))  
and Data Spaces Support Centre's Glossary ([here](#))

Collaborative data sharing  
in data spaces

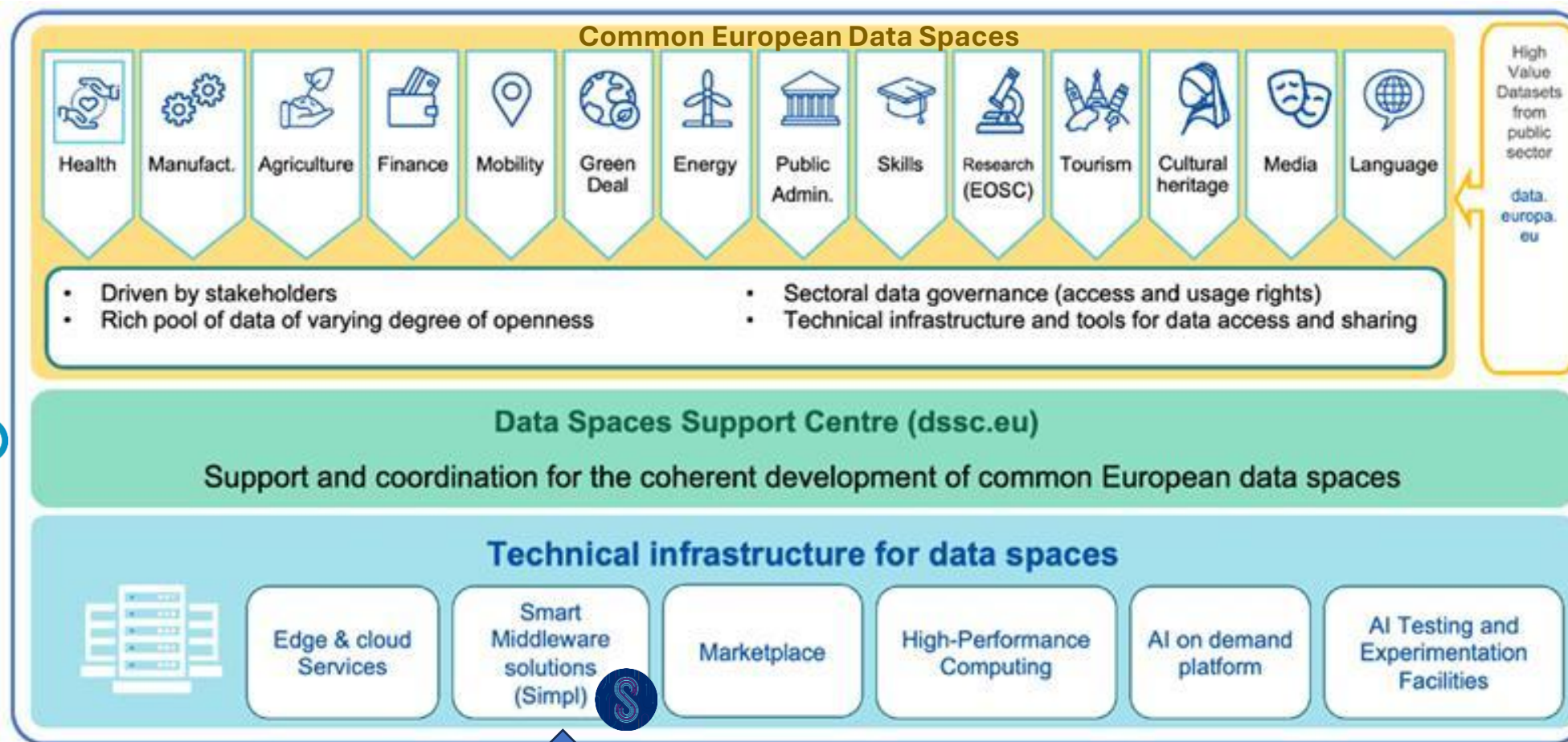
# The European data space landscape

# EU data strategy at a glance



Source: European Commission, Rizzi, D. (2022).

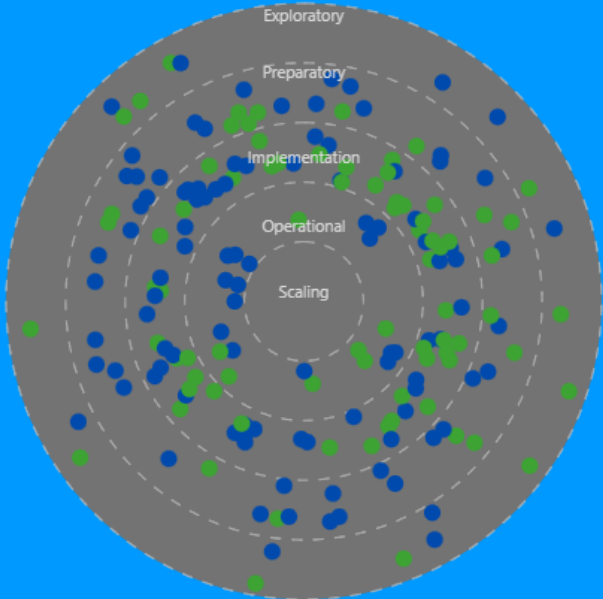
# Positioning of the DSSC within the EU Data Strategy implementation actions





# The Data Spaces Radar

Chart View



Data Spaces Count: 190

Filter results:

Sectors

All

Geographical Focus

All

Connectors Used

All

Source of Funding

All

Reference Architecture

All

Development Stage

All

Countries

All

Starting Date

1/1/2018 6/3/2024

Type

Data Space Use Case

Part of DSSC's Community of Practice

## Radar Overview

### New Listings

Entries added in the last 6 months

12 Entries

- Agriculture AI Data Space (agriAI)
- COOPERANTS
- Danger spots in traffic
- Data Space Traffic Measurements
- DianShu
- Intelligent Urban Ecosystem for Human centric
- Living Digital Twin
- Machinery-X

### Radar Growth

Total number of entries

2022 2024

88 105 130 169 190

### Development Stage

Exploratory 10.53%

Operational 11.58%

Preparatory 29.47%

Implementation 47.37%

### Sectors

Other	25.3%
Manufacturing / Industry ...	24.7%
Mobility	12.1%
Energy	11.1%
Smart Cities	9.5%
Green Deal / Circular Econ...	7.4%
Logistics	7.4%
Agriculture / Agrifood	6.8%

## Building Blocks

For more information regarding Data Spaces Building Blocks, visit the [Data Spaces Support Centre](#)

### Data Sovereignty

Identity Management	29.5%
Access & usage policy and control	20.0%
Trust	12.6%

### Data Interoperability

Data Exchange	58.9%
Data Models and Formats	24.7%
Provenance and traceability	22.6%

### Data Value Creation

Data, Services and Offerings...	28.9%
Publication & Discovery	27.4%
Marketplaces & usage acco...	10.5%
Other	1.1%

## Key Highlights

### Reference Architecture

IDSA	53.7%
Gala-X	11.6%
Other	11.1%
FWARE	5.8%
DSBA	1.6%

### Data Space Connector

Eclipse Dataspace C...	41%
Other: i3-Market Da...	14%
True Connector	8%
MDS Connector	6%
Dataspace Connector	4%
Ocean Enterprise Pr...	4%
Customization of EDC	2%

### Source of Funding

EU funding	20.0%
Gover... funding	5.8%
Private funding	4.2%
Other	3.7%

### Business Case Pattern

Joint Innovation	35%
Shared Cost	16%
Shared Marketplace	16%
Combined Forces	14%
Greater Community ...	14%

## Map View

### Geographical Distribution

Germany	44
Spain	38
Italy	37
France	28
Austria	27
Belgium	27
Finland	27
Nether...	27
Greece	25
Portugal	24
Denmark	21
Ireland	20
Romania	20
Sweden	20
Poland	19
Slovenia	19
Bulgaria	18

### Map

Map showing the geographical distribution of data spaces across Europe, North America, South America, Africa, Asia, and Australia. The map includes labels for continents and oceans, and a legend for the data spaces.



# The Data Spaces Support Centre - DSSC and its mission



## Partners



## Associated and collaboration partners



# The DSSC “Community of Practice”



**DATA SPACES  
SUPPORT CENTRE**

Language



Health



Public sector  
Procurement

**PUBLIC PROCUREMENT**

Mobility



Manufacturing



Green Deal



Tourism



Energy



Smart cities



Cultural Heritage



Skills



Media



Completed projects



DATA SPACE FOR  
SMART AND SUSTAINABLE  
CITIES AND COMMUNITIES



PrepDSpace4Mobility



**+ Collaboration with Simpl**



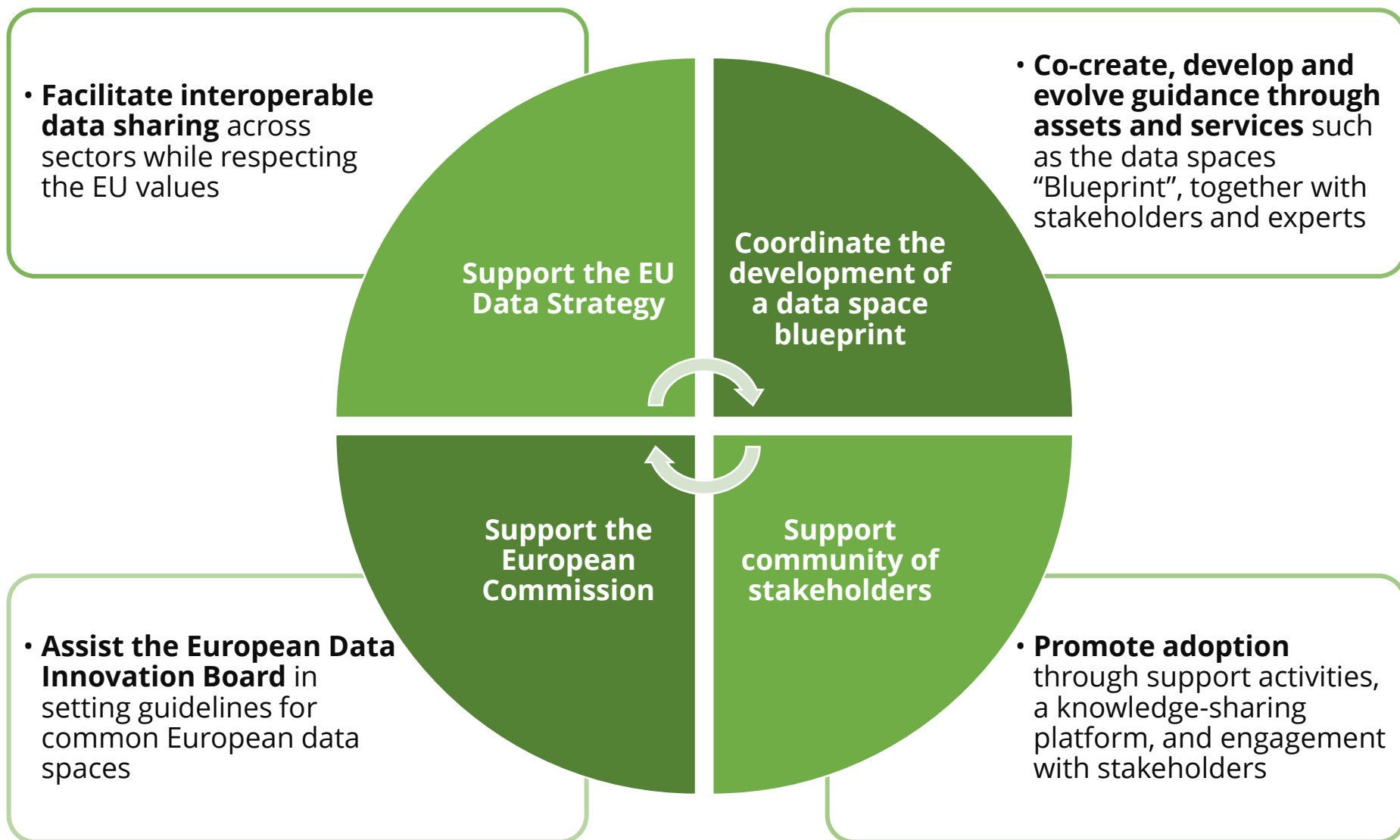
**Focus on Digital Europe Programme (DEP) funded Data Spaces ... but ALL Data Spaces are relevant !!**



Funded by  
the European Union

The Data Spaces Support Centre receives funding from the European Union Digital Europe Programme under grant agreement n° 101083412.

# Data Spaces Support Centre mission



# What DSSC does?



# The European Commission's efforts to promote and support data space development

The roles of the Data Spaces Support Centre project and the Simpl programme, and their offering

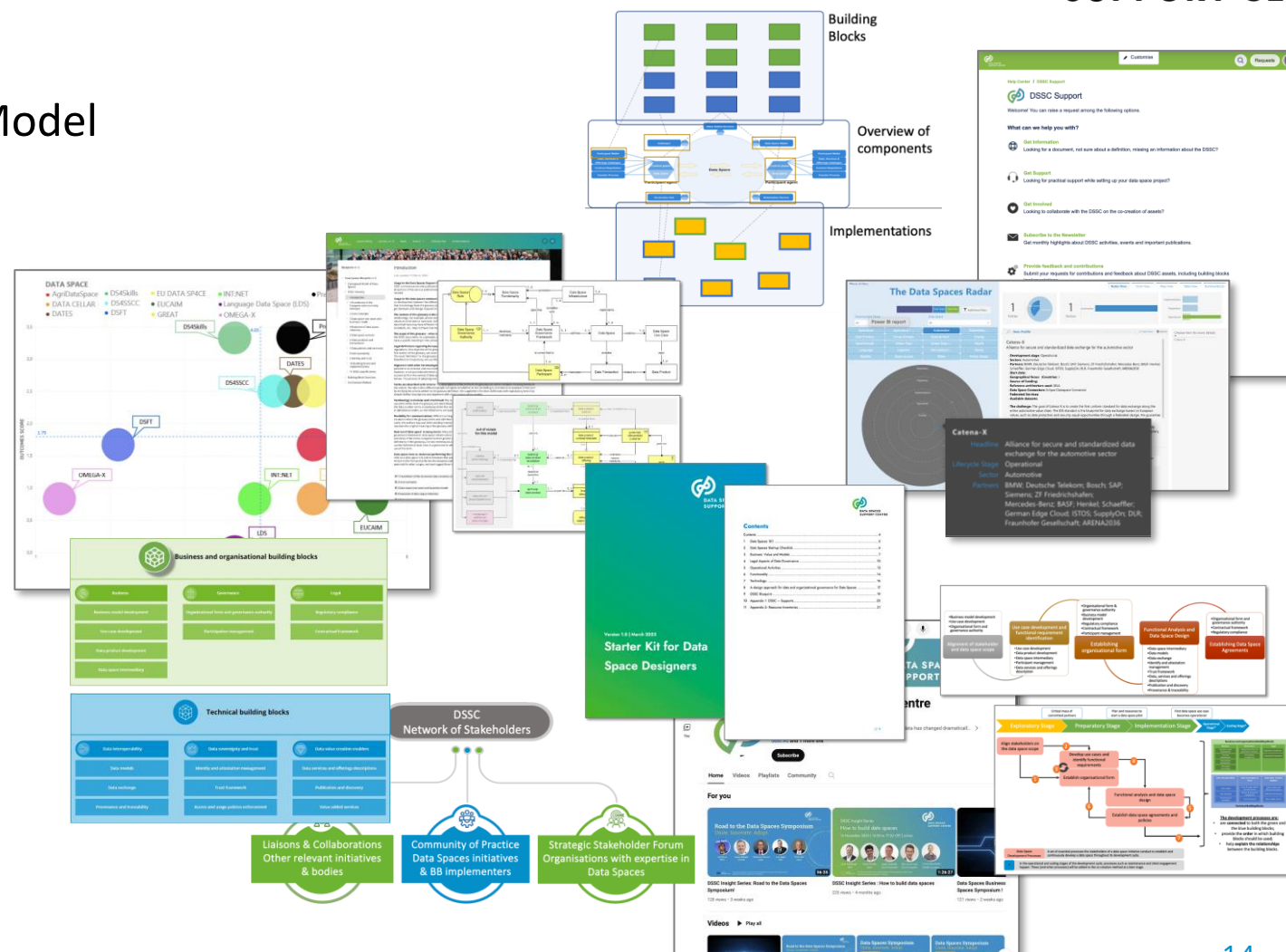


# DSSC offerings (dssc.eu)

- The Network of Stakeholders
- The Glossary and the Conceptual Model
- The Starter Kit
- The Collection of Standards
- The Blueprint
- The Co-Creation Method
- The Toolbox
- The Radar
- Impact monitoring and evaluation
- Support
- Communications



**DATA SPACES  
SUPPORT CENTRE**

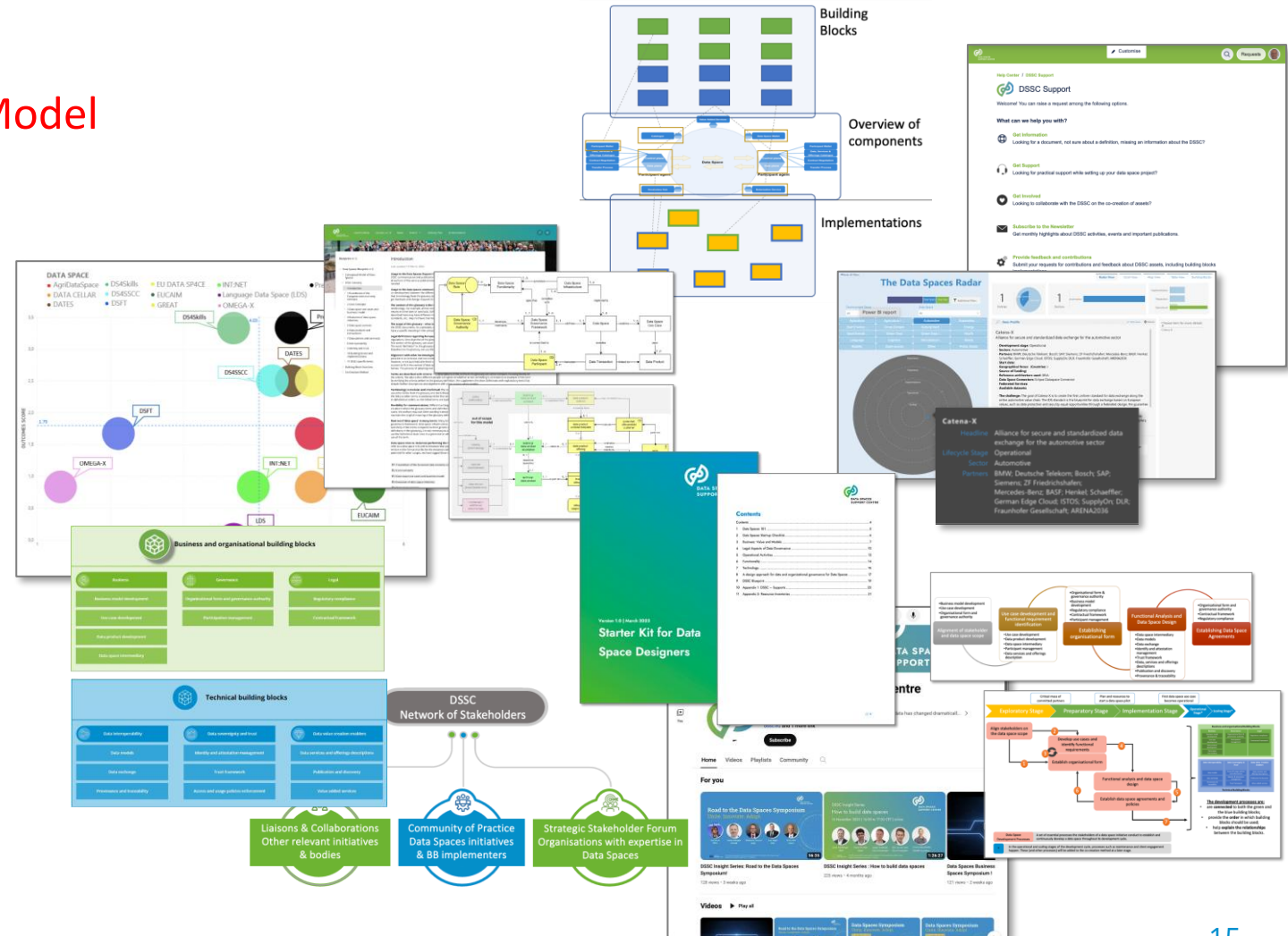


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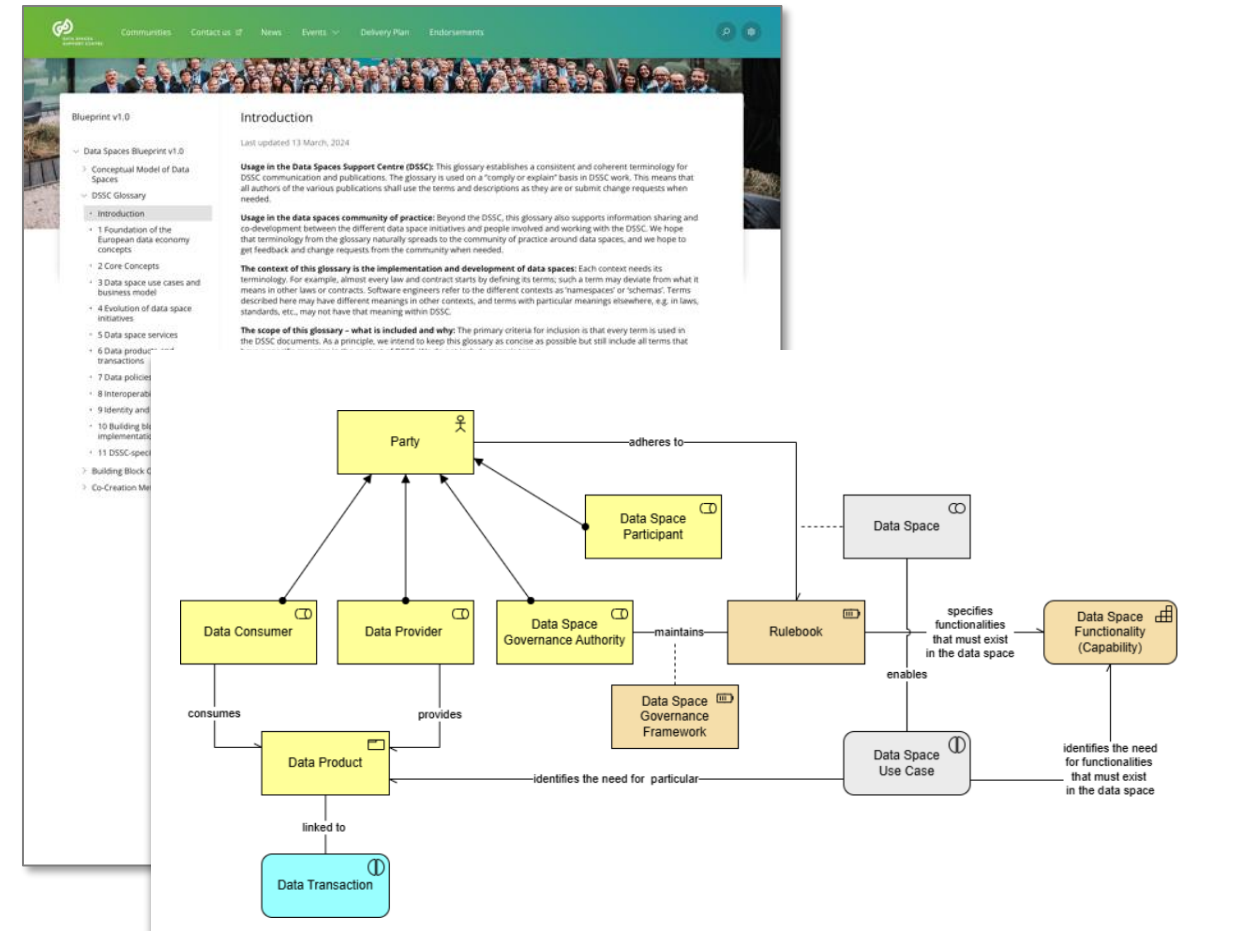


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# The Glossary and the Conceptual Model

- Data spaces are a new discipline.
- Among practitioners, concepts and terminology can be ambiguous or subject to different interpretation.
- Converging on language is necessary for clarity and collaboration



# Blueprint Publication

**Rationale:** all DSSC offers for all users' type at a glance

For **Building Blocks makers:**

- Implementers of BBs
- Data Space deployment projects
- Contributors to BBs specifications
- Data Space services developers



For **Data Space makers:**

- Data Space initiatives at every stage



For **business users:**

- Data Spaces landscape
- Market analysis
- Support and services



Provide feedback &  
Get support

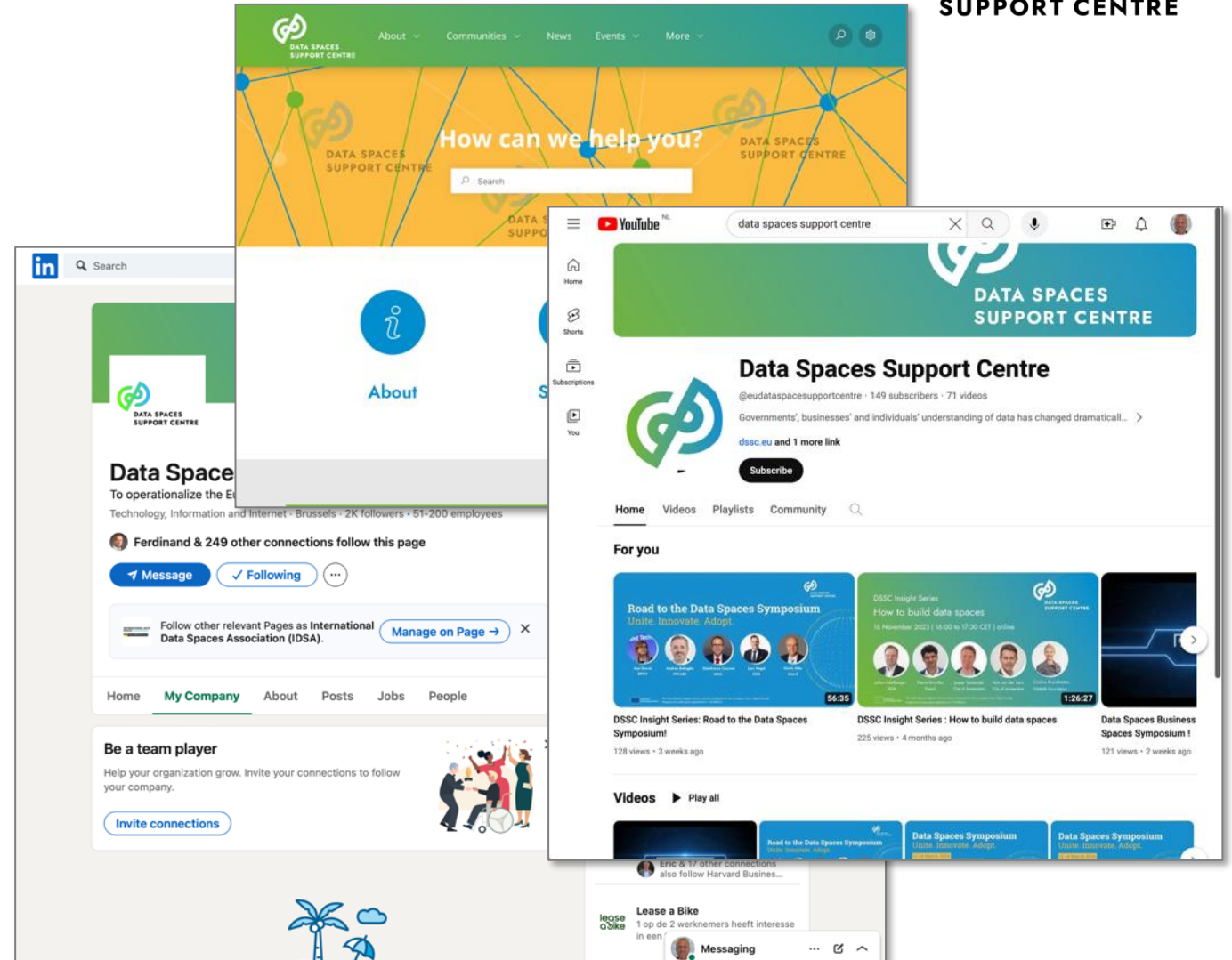
....at any time

# Communications



**DATA SPACES  
SUPPORT CENTRE**

- Keeping you connected and informed.
- <https://dssc.eu>
- By the way, you're already subscribed to our newsletter, right?



Take a look at DSSC.EU

Stay up to date with Data Spaces Support Centre and the European Union's programme supporting the Common European Data Spaces.

Subscribe to the DSSC Newsletter at [tinyurl.com/dssc-newsletter](https://tinyurl.com/dssc-newsletter).



Watch again the recordings from all our public events and webinars, including the monthly Insight Series.



# Thank you!

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