

gaia-x



Market Conference & Expo

Vienna Austria

14 - 15 March 2023

In partnership with  gaia-x
 Hub Austria



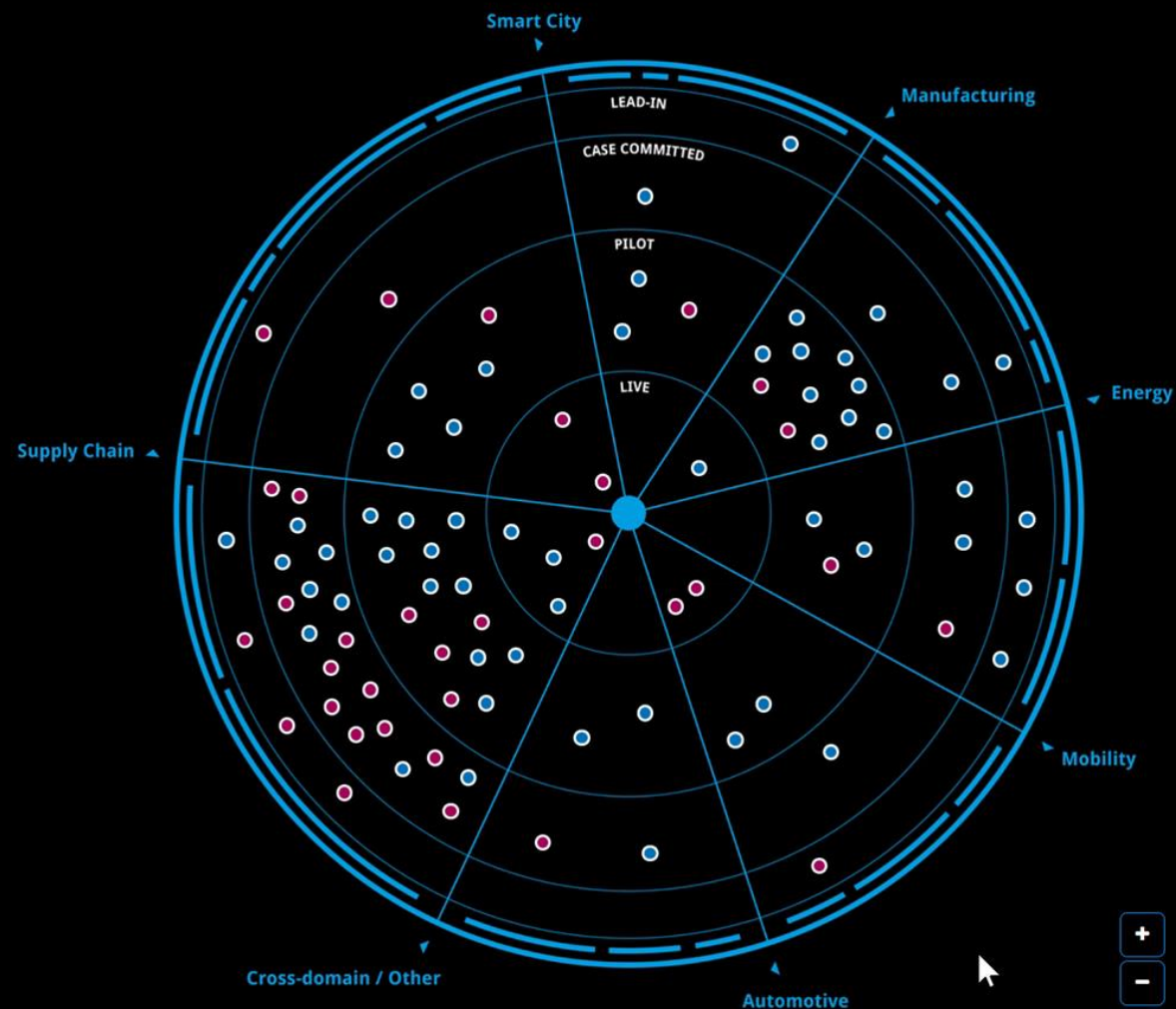
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Matthijs Punter

TNO innovation
for life

DATA SPACES SUPPORT CENTRE



Legend

● Use Case ● Data Space ○ Level of Maturity

Trusted Data Sharing in Smart Cities

VTT | Vastuu Group

Smart Parking

Volkswagen | Fiware Foundation | Wobcom

Industrial Additive Manufacturing Services

IBM | thyssenkrupp | Fraunhofer ISST

Smart Connected Supplier Network - Market 4.0

TNO

ALSOV

Cefriel

Smart Factory

VTT | Konecranes-Fastems-Danfoss

Basque Energy Cluster

Tecnalia

Kiel Mobility Digital Twin

FIWARE | City of Kiel

Trusted Exchange for Aeronautics

Engineering | Avio Aero

Mobilithek

BMDV | BAST

EU Data Strategy



Coordination



European Alliance for
Industrial Data, Edge
and Cloud

**IPCEI* on Next
Generation
Cloud**

(*Important Project of
Common European
Interest)

Cloud actions:

Cloud Rulebook

Co-Investments in cloud-to-edge services, cloud federation and marketplaces.

Data actions:

New legislation (Data Act, Data Governance Act, etc.)

Co-investments in common European data Spaces

**Data Spaces
Support Centre**
Coordination and governance



DIGITAL EUROPE
PROGRAMME

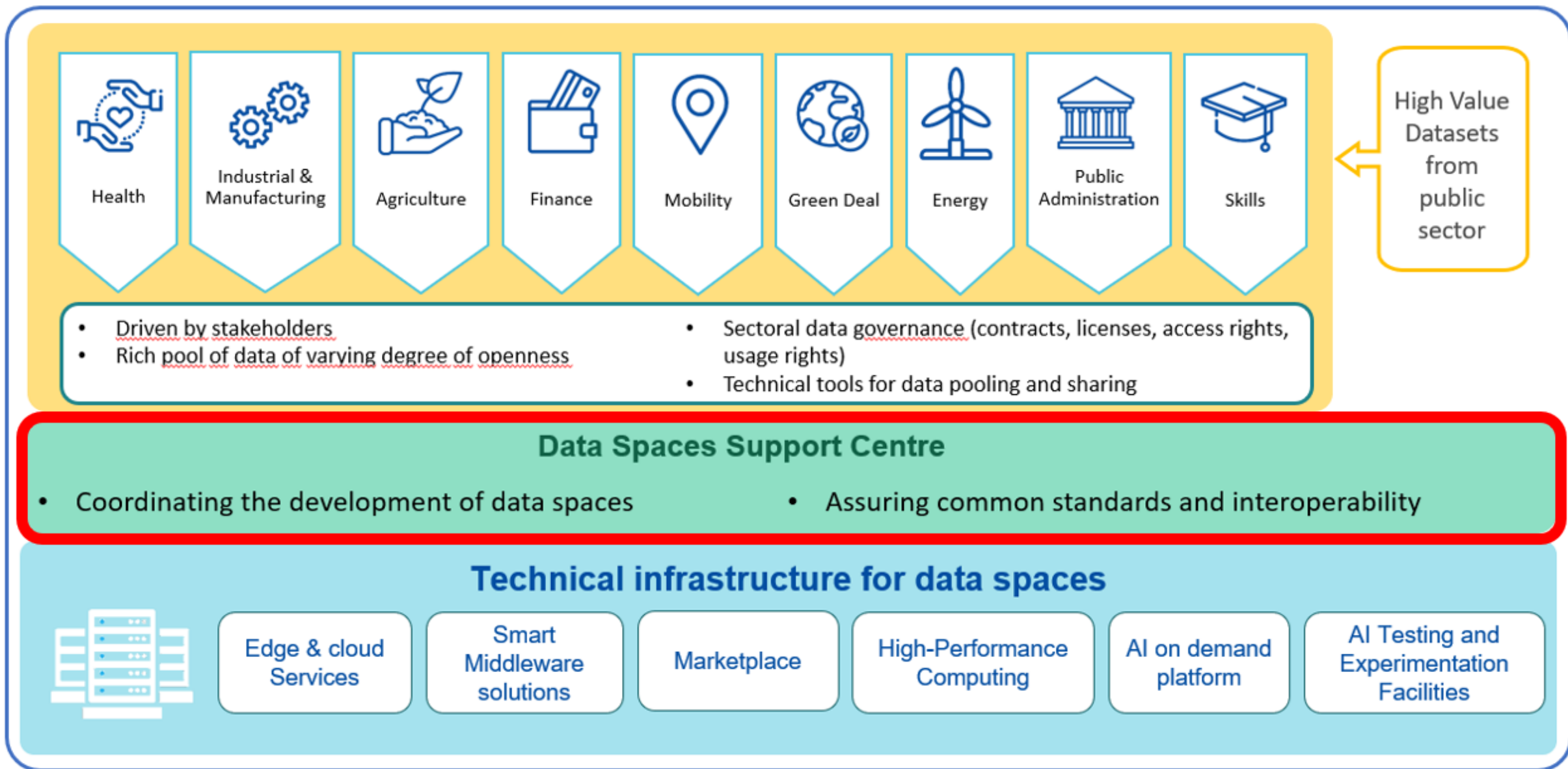
Complementing & integrating
private and public initiatives, e.g.:

Federation &
interoperability standards

Use cases;
technical architecture

[Source: EC, DG Connect]





Our mission

Enable data spaces to reach a higher flight level faster: a quick start and an accelerated scale-up.

Provide the tools to address the basic organizational and technical matters, required by every data space. This includes a blueprint, best practices, common standards and reference implementations.

Enable dataspaces to focus on their domain-specific business challenges and provide business benefits to their participants.

Data Space Interoperability

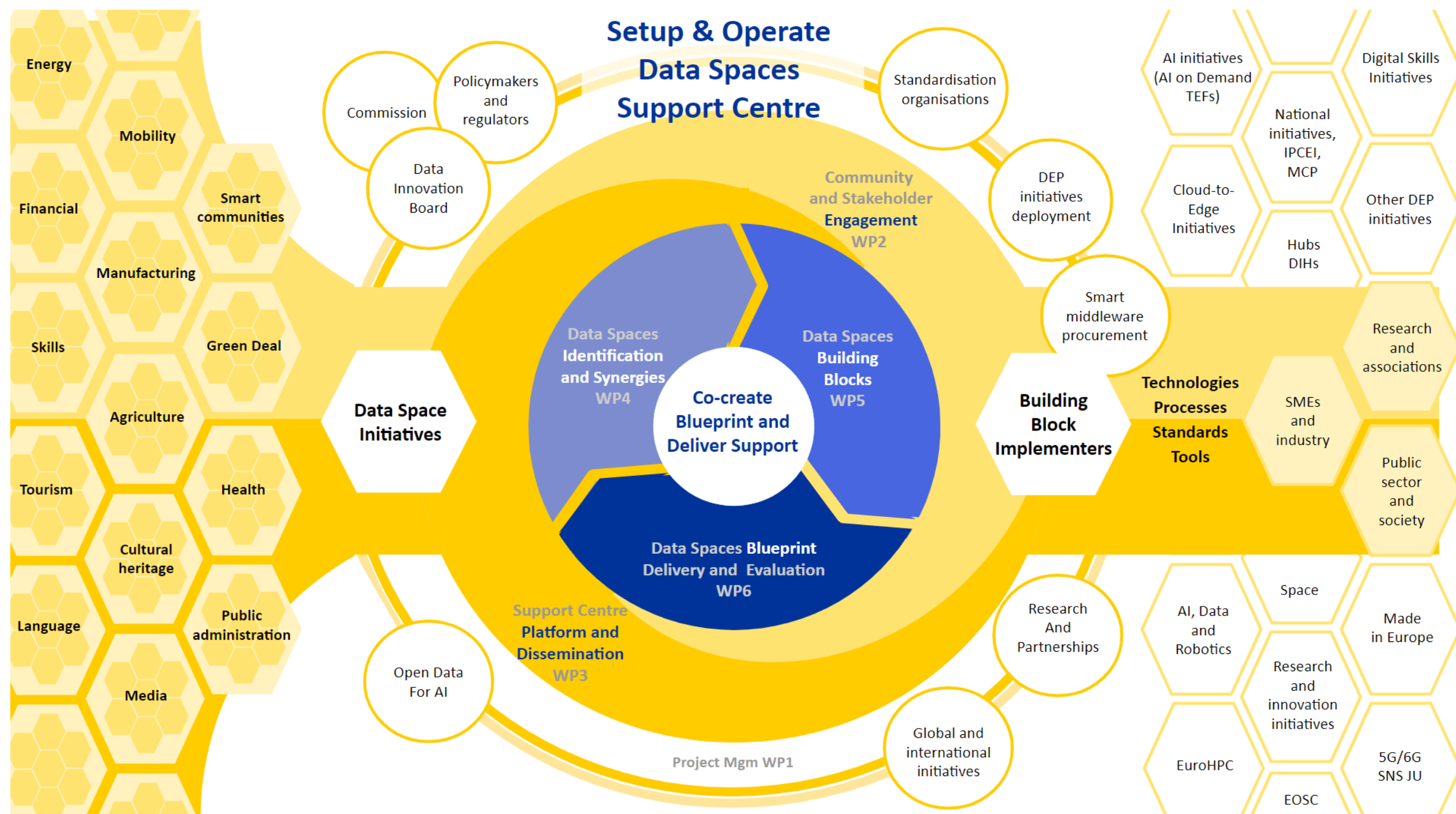
Ensure that participants of one data space can also participate in other European data spaces.

Create economies of scale and synergies on a European level.

Can only be achieved if every data space conforms to certain standards, which will be part of our blueprint.

A pan-European consortium





Yes! **WE'RE
OPEN**

- Let us know if you have standards or technologies for our blueprint!
- We're ready to help data spaces!



Support www.dssc.eu

General questions about the Data Spaces Support Centre? Or need advice on data spaces?

We are here to help you! Do you have questions about the DSSC? Would you like to learn more about the concept of data spaces? Do you need advice on how to set up a data space? Are you interested in a specific asset? For these and all other questions – contact us!

First name Last name



**DATA SPACES
SUPPORT CENTRE**

www.dssc.eu/starter-kit



**DATA SPACES
SUPPORT CENTRE**

Data Spaces Building Blocks



INTEROPERABILITY

Data Models &
Formats

Data Exchange APIs

Provenance and
traceability



TRUST

Identity management

Access & usage control /
policies

Trusted Exchange



DATA VALUE

Metadata & Discovery
Protocol

Data Usage Accounting

Publication &
Marketplace Services



GOVERNANCE

Overarching cooperation
agreement

Operational (e.g. SLA)

Continuity model

 **Technical Building Blocks**

 **Governance Building Blocks**

Our next milestones

- **March:** Release of the new version of the DSSC Starter Kit for Data Spaces

Start of the work on a Blueprint for Data Spaces
- **Q3 2023:** First release of the Blueprint for Data Spaces

Start of the European Data Innovation Board (EDIB) - expected



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Data Spaces Symposium

& Deep-Dive Day

Building the future – benefit together

Postillion | The Hague

March 21 to 23, 2023

www.data-spaces-symposium.eu



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