Introduction to the Data Spaces Support Centre (DSSC)

Tuomo Tuikka| 29th of January 2025

Data Space Alliance, Finland
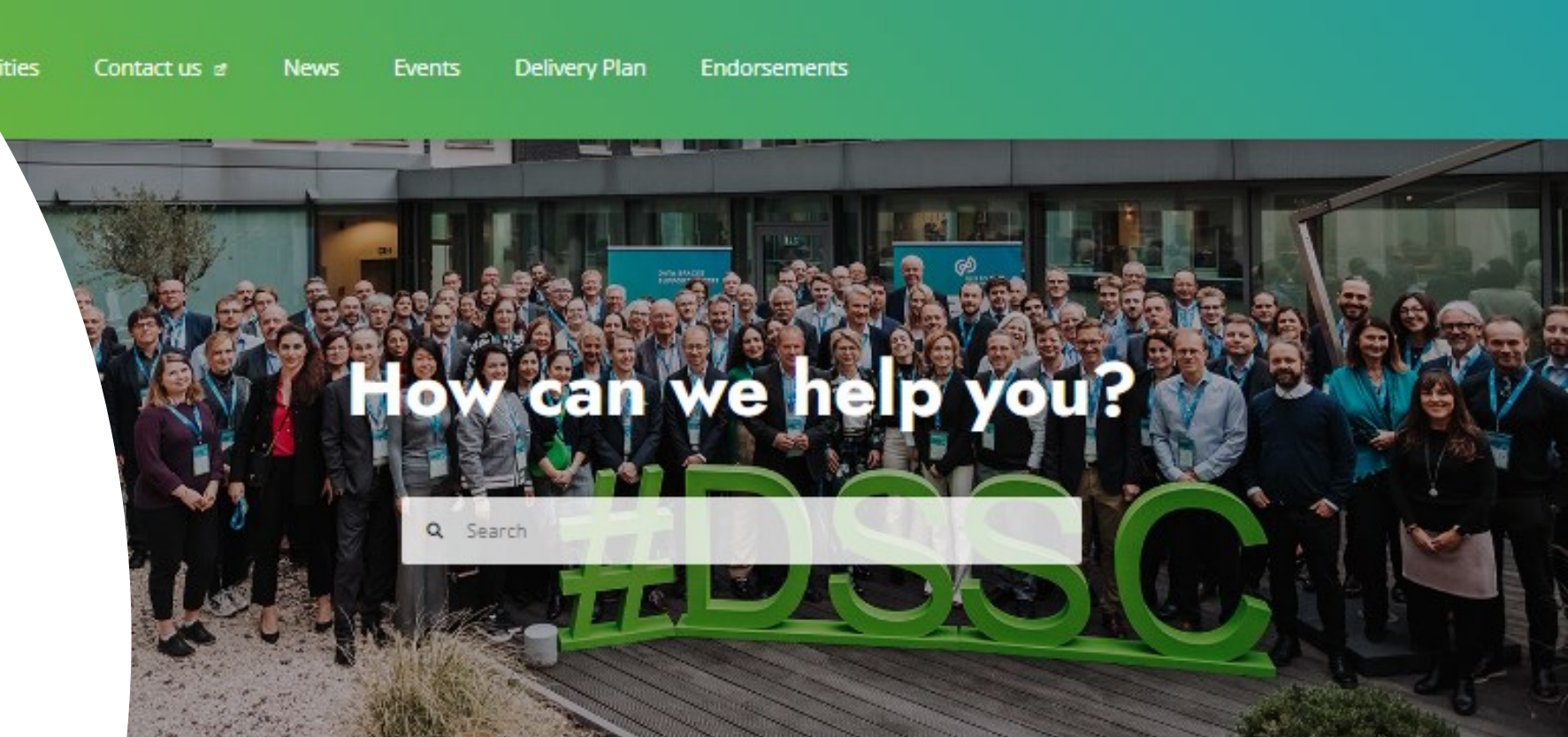
Funded by
the European Union
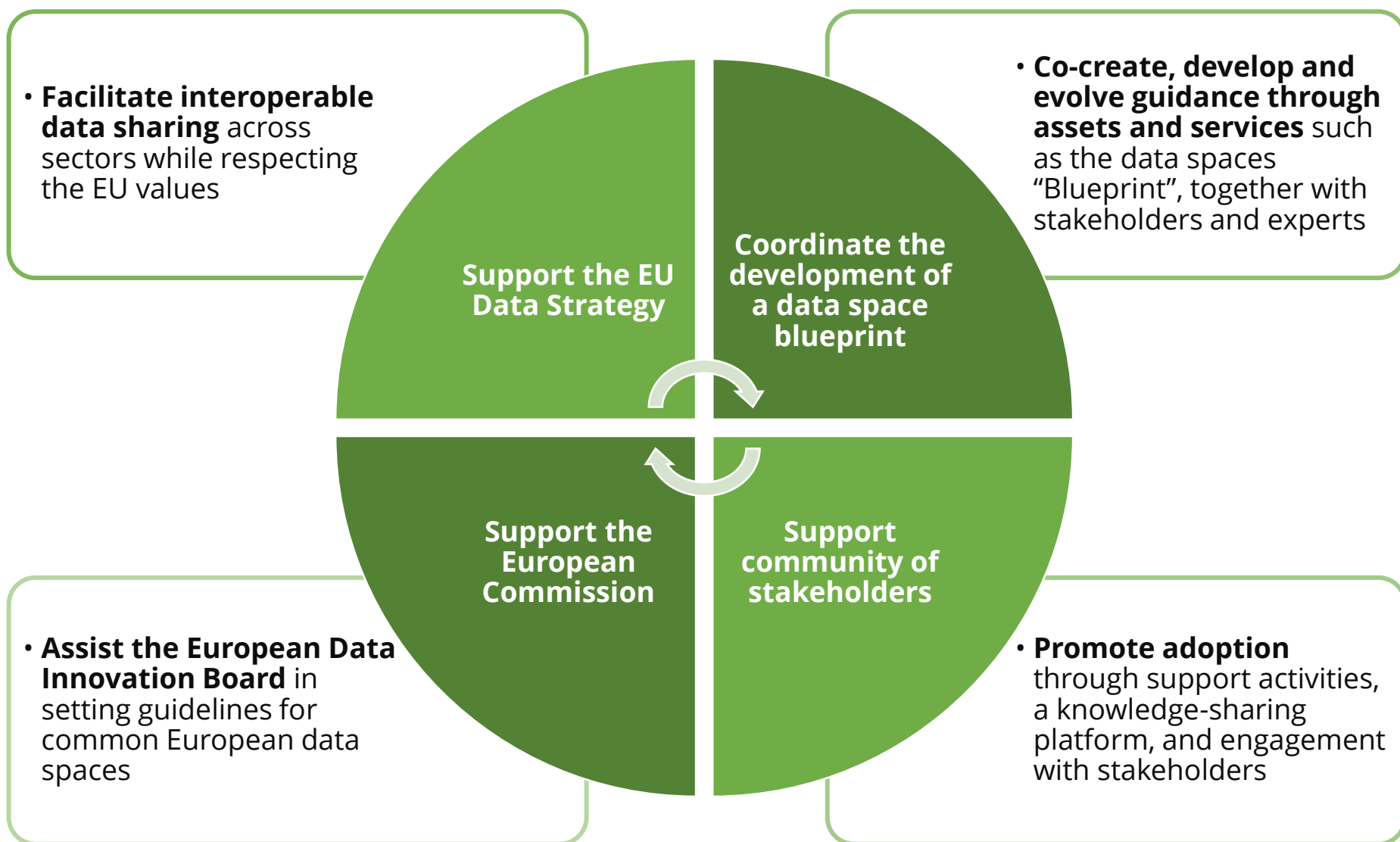
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DATA SPACES SUPPORT CENTRE

The virtual organization and EU-funded project which supports the deployment of common European data spaces and promotes the reuse of data across sectors

How can we help you?
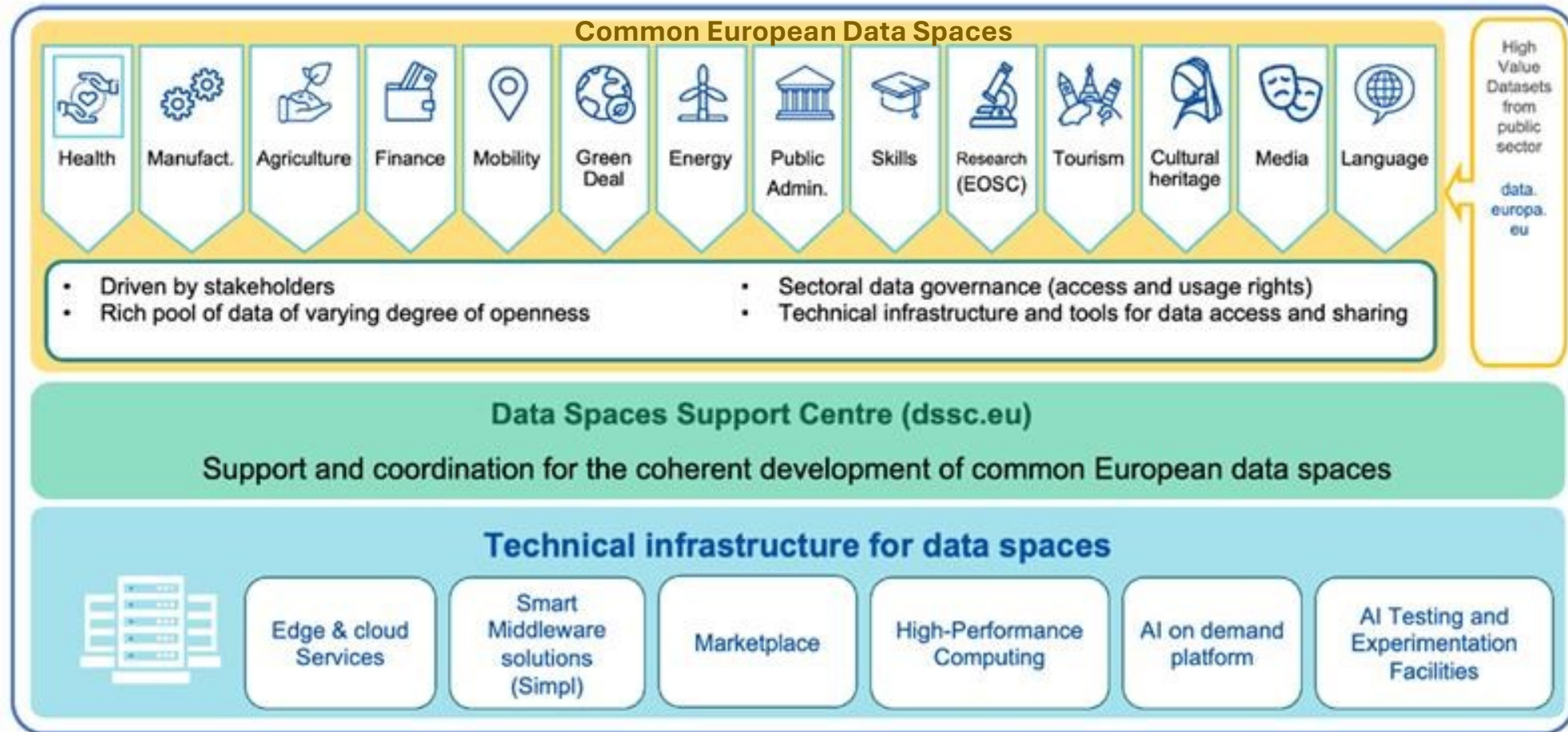
🔍 Search

#DSSC

Partners

BDV BIG DATA VALUE ASSOCIATION

Capgemini ● invent

FIWARE FOUNDATION

Fraunhofer

gaia-x

INTERNATIONAL DATA SPACES ASSOCIATION

KU LEUVEN

MyData

OLLSCOIL NA GAILLIMHE UNIVERSITY OF GALWAY

SITRA

TNO innovation for life

VTT

Associated partners

acatech DEUTSCHE AKADEMIE DER TECHNIKWISSENSCHAFTEN

Alliance for IoT and Edge Computing Innovation

cea

Cefriel POLITECNICO DI MILANO

CoE DSC

DIGITALEUROPE

egi

GATE

ILVO

INNOPAY

innovalia ASSOCIATION

iSHARE

ITI

MEDITECH COMPETENCE CENTER

aNG aNewGovernance

OASC OPEN & AGILE SMART CITIES

DSSC mission

DATA SPACES SUPPORT CENTRE

- **Facilitate interoperable data sharing** across sectors while respecting the EU values

- **Co-create, develop and evolve guidance through assets and services** such as the data spaces "Blueprint", together with stakeholders and experts

Support the EU Data Strategy

Coordinate the development of a data space blueprint

Support the European Commission

Support community of stakeholders

- **Assist the European Data Innovation Board** in setting guidelines for common European data spaces

- **Promote adoption** through support activities, a knowledge-sharing platform, and engagement with stakeholders

Positioning of the DSSC within the EU Data Strategy implementation actions

DSSC offerings

- 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
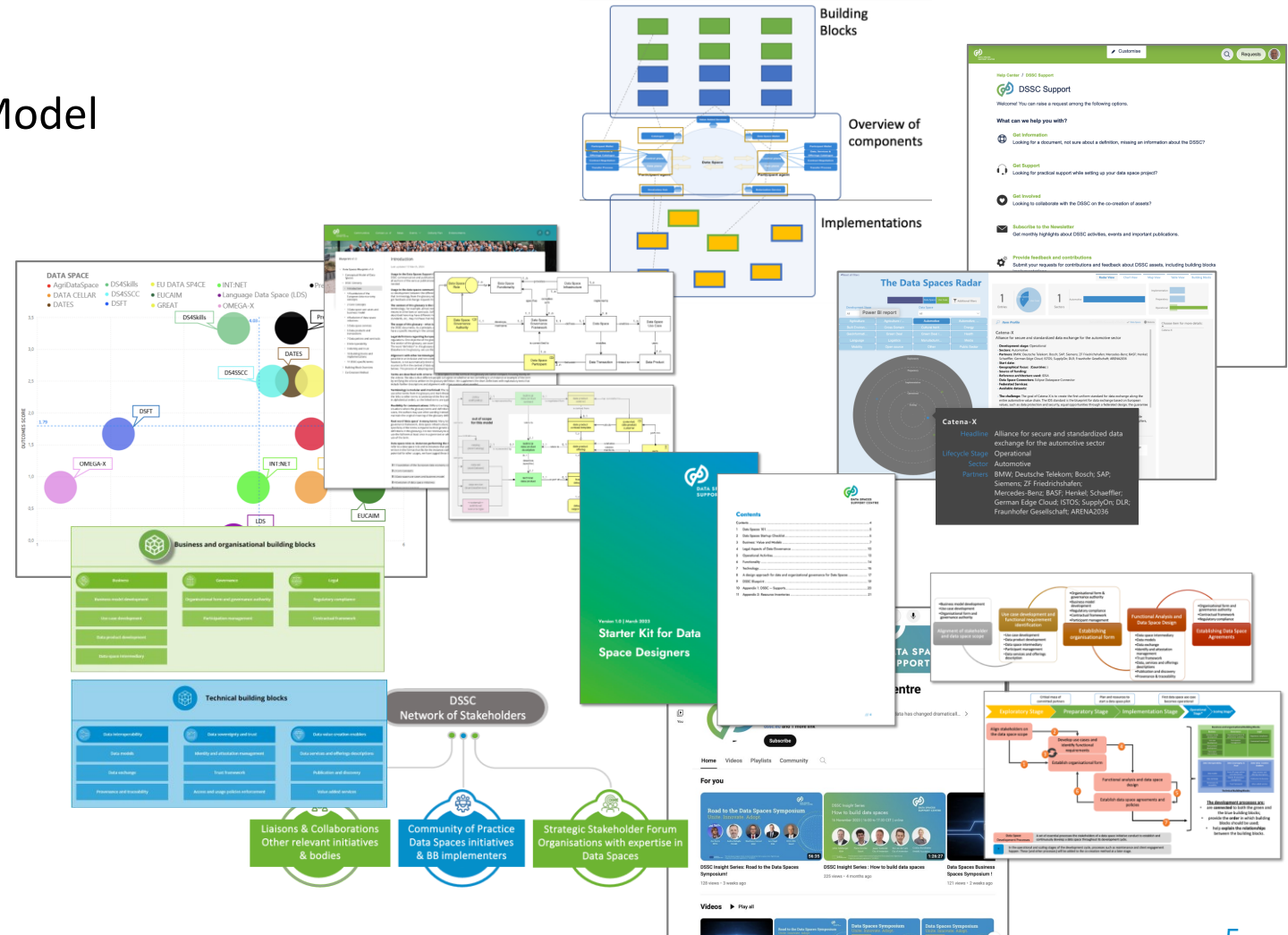
DSSC Community of Practice (as per March 2024)

- Relationship Manager
- Regular group discussions
- Thematic Groups
- Expert groups
- Regular communications
- Insights and visibility
- Events
- Community
- Support

Collaboration with SIMPL started

The Blueprint

- The collection of building blocks and components that make most typical data spaces.

- Functional description and related recommended standards.

- Supporting the choices you face in designing a data space or performing gap analysis vs pre-existing systems.
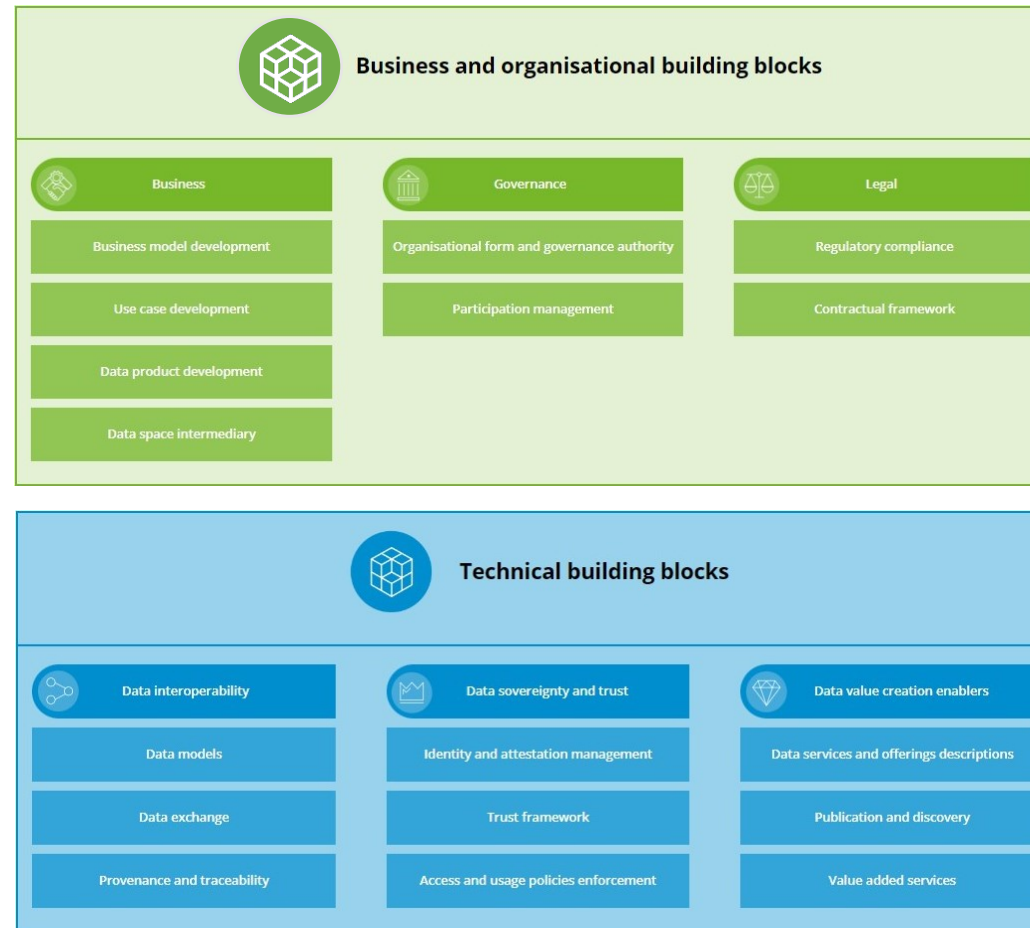
- ✓ Required capabilities
- ✓ Core design decisions
- ✓ Specifications & common standards
- ✓ Further reading

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

Other assets

The Glossary and the Conceptual Model

- Data Spaces is an innovative domain
- Among practitioners, concepts and terminology can be ambiguous or subject to different interpretation
- Converging on language is necessary for clarity and collaboration
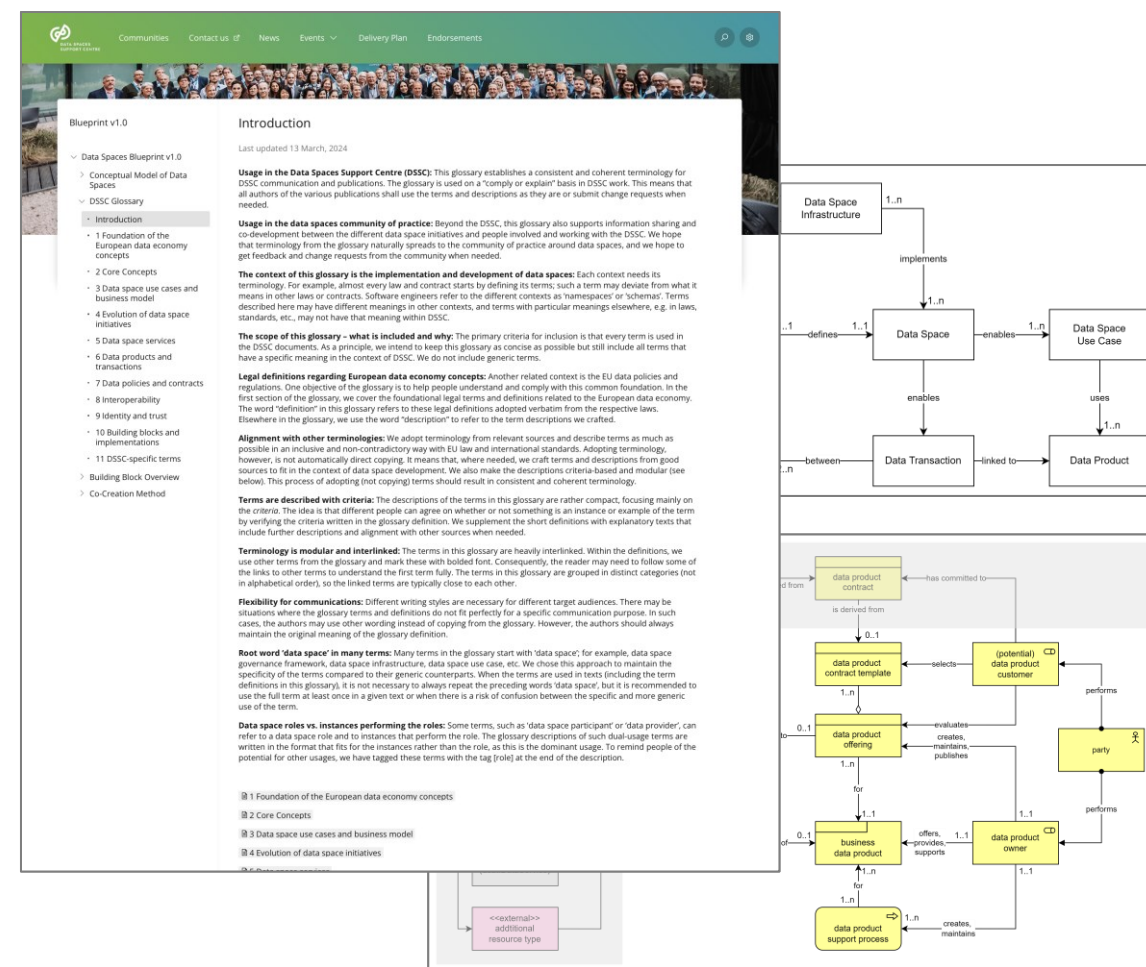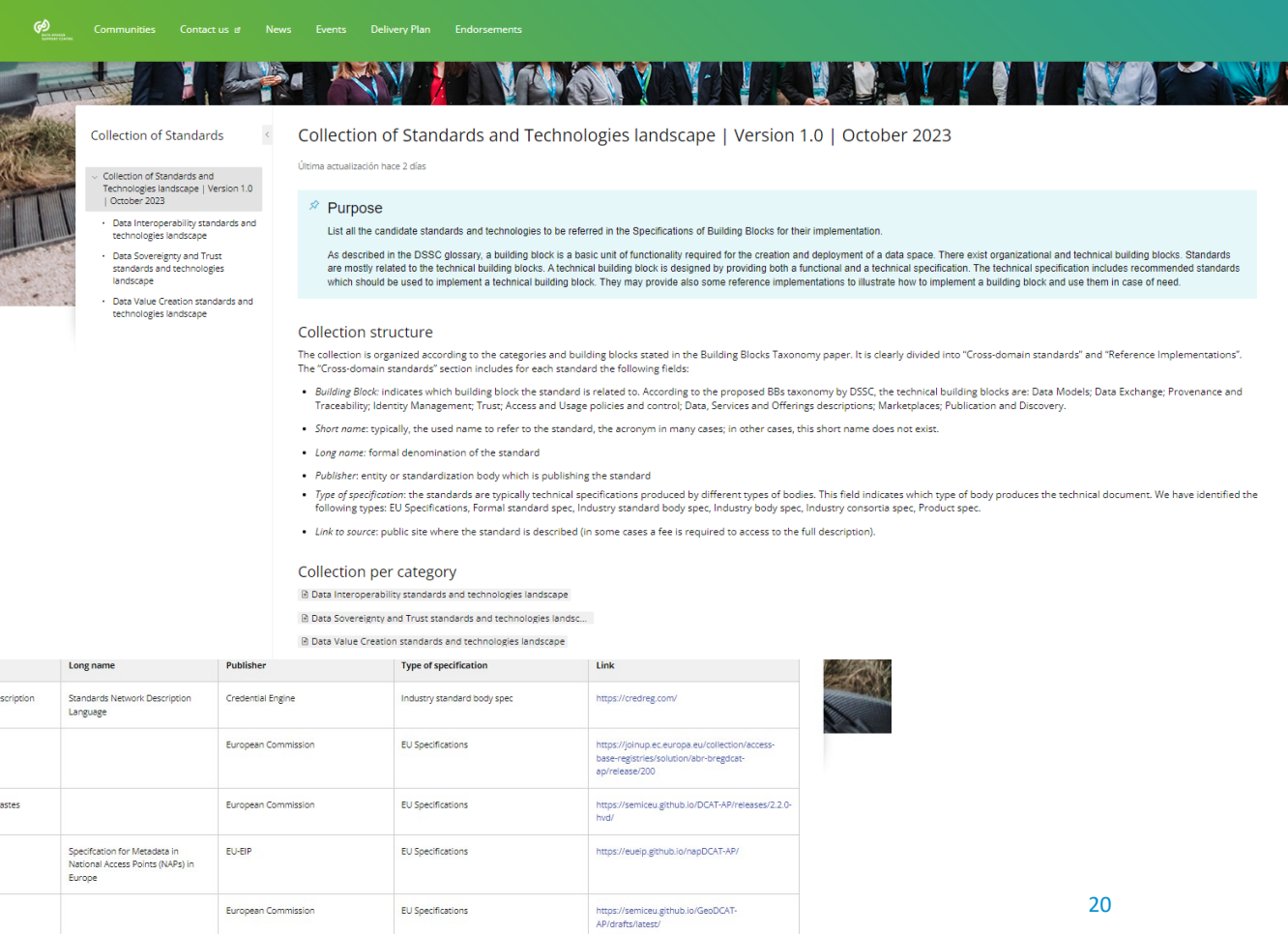
The Starter Kit

- An easy introduction to data spaces and Data Spaces Support Centre
- For data space designers, data producers, data consumers, providers of intermediary services, or services and business applications
- To be updated later in 2024
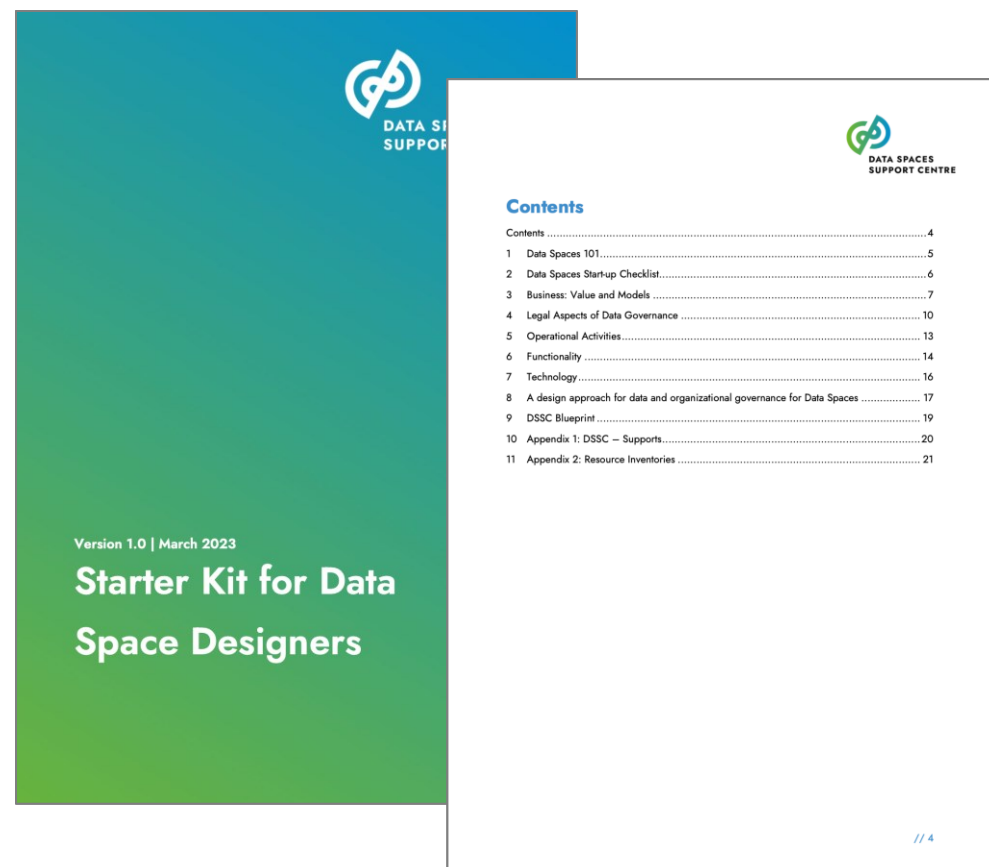
Collection of standards

- A map of existing de-facto/de-jure standards and reference implementations candidates for the technical descriptions of the Building Blocks
- In co-creation with the data spaces initiatives and stakeholders
- 130 collected standards (Sep 2023)
- Available through DSSC web site
- Open for contributions (feedback form)

The Data Spaces Support Centre received
Union Digital Europe Programme under

The Co-Creation Method

- A guide to select which building blocks and components are typically used to address your use case

- Aligned to the maturity level of your data space

- Enabling you to be agile in your implementation
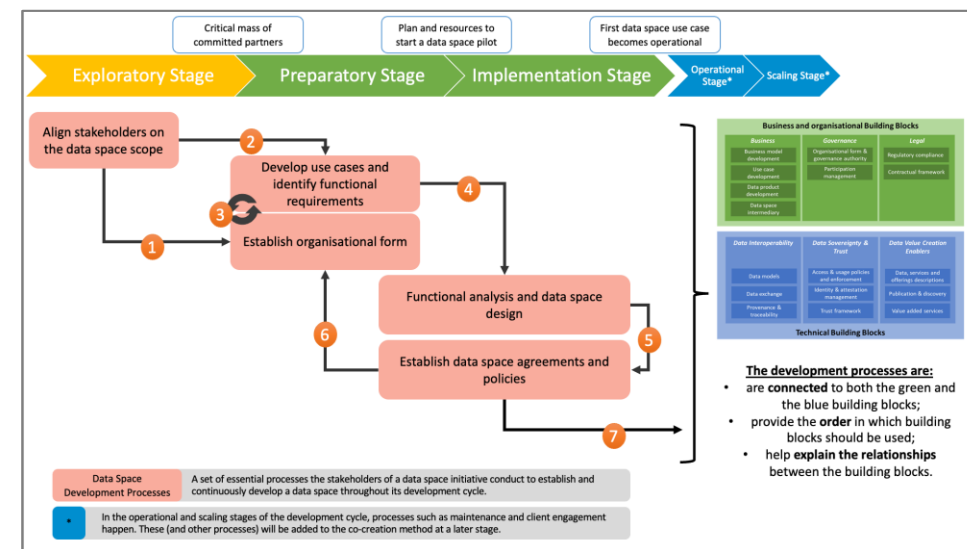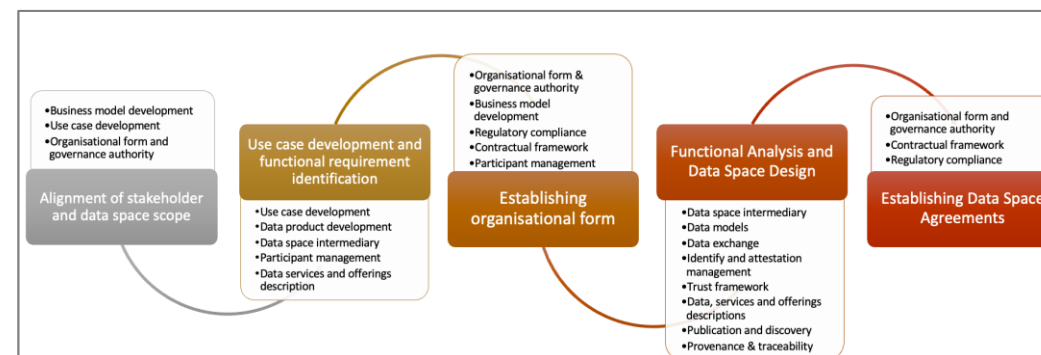
The Toolbox

- Building blocks specify the dataspace functionalities and requirements
- Components specify how these materialise in the dataspace
- **Toolbox is a curated catalogue of implementations of these components (tools)**
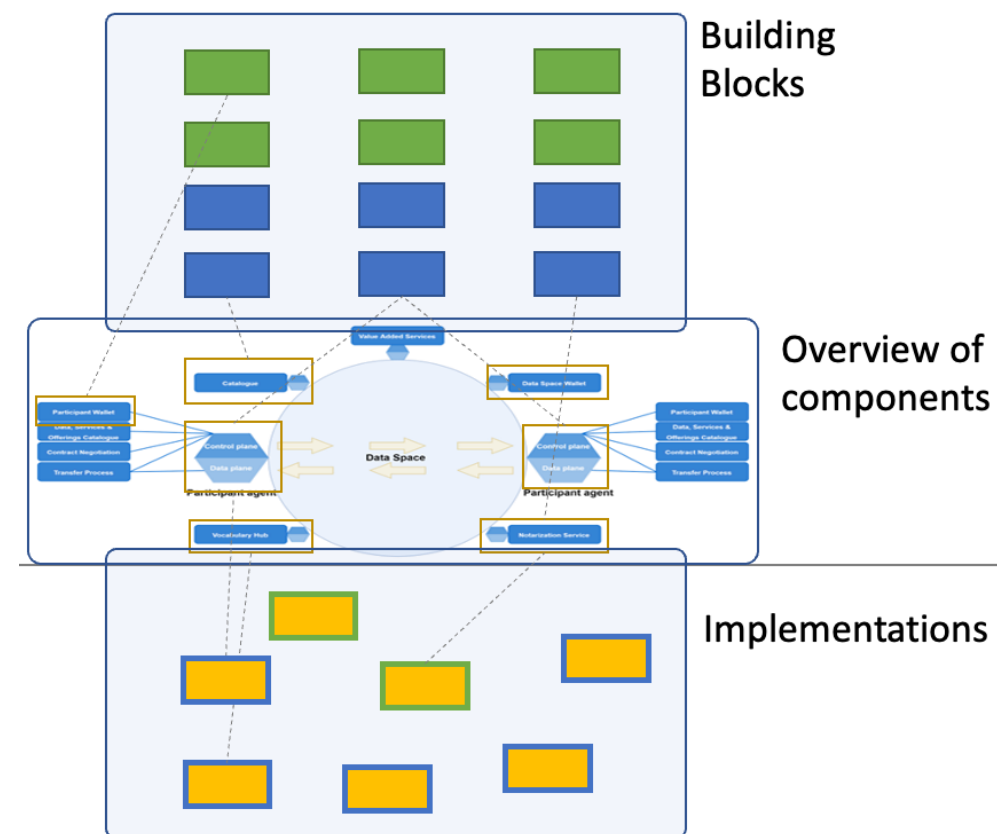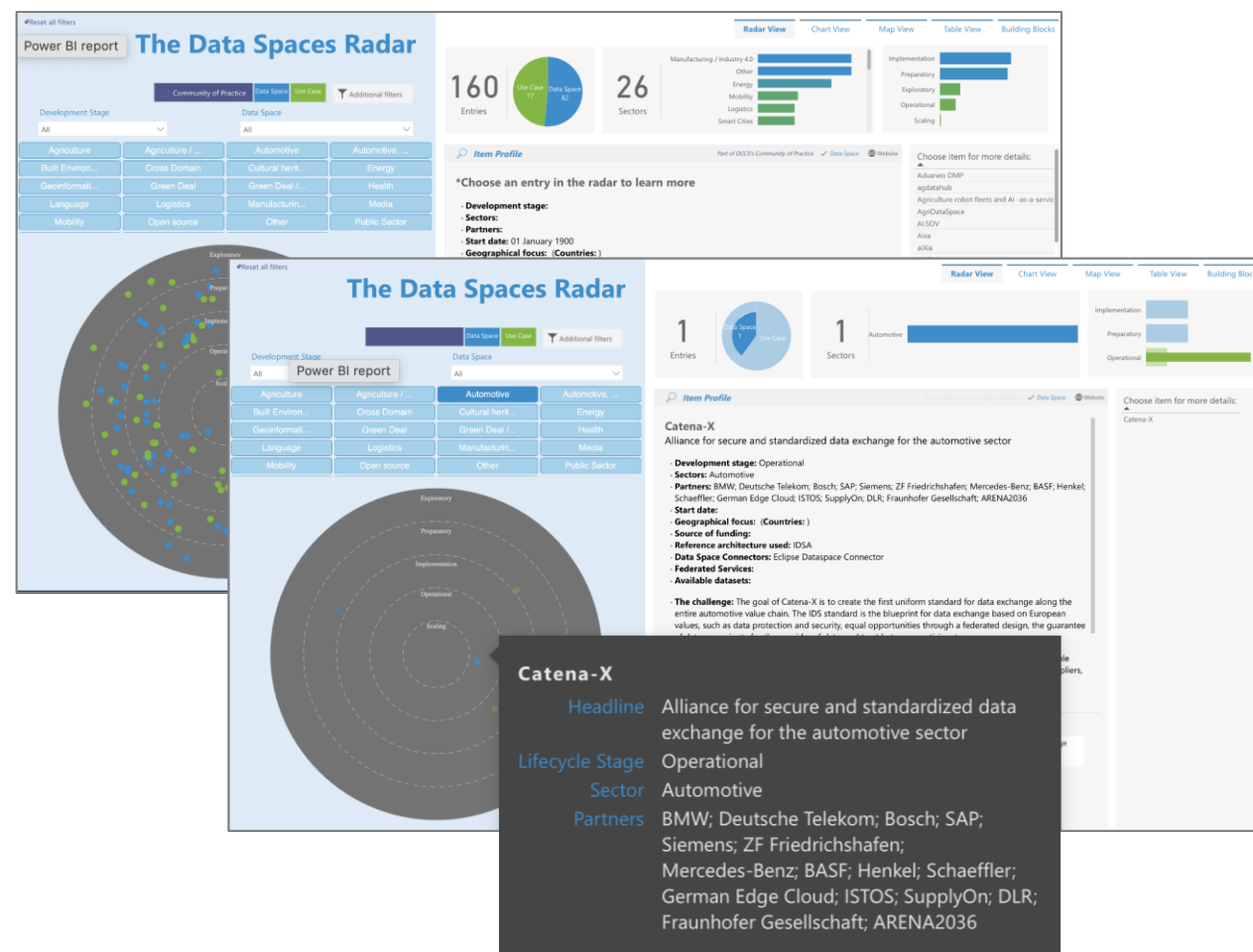
Submission to the Toolbox are open!
Find out here how to tell us about your favourite software components and services.

The Radar

- A tool to collect and offer information back about data spaces and use cases, whether EU-funded or commercial
- >150 initiatives and use cases listed across 23 sectors
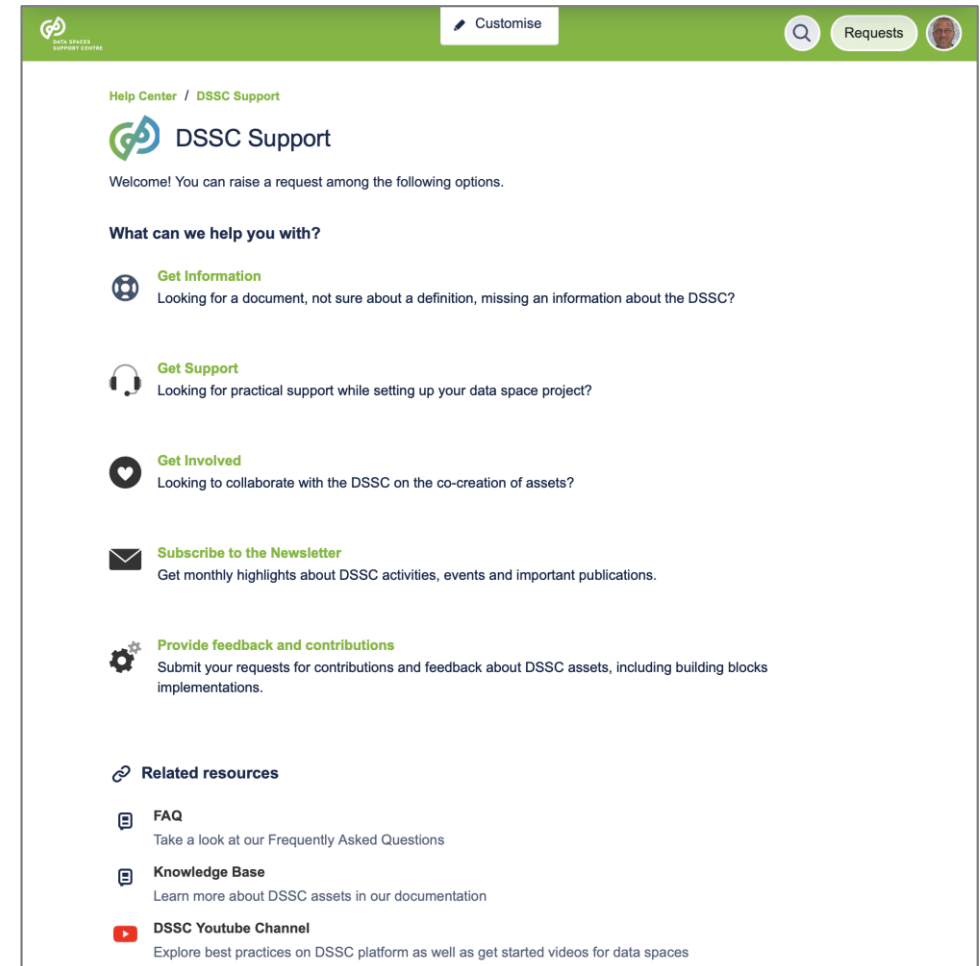
Impact monitoring and evaluation

- The first "maturity model" offering a benchmark and a shared reference to evaluate our efforts in designing and operating data spaces
- To learn from the experience and challenges of others
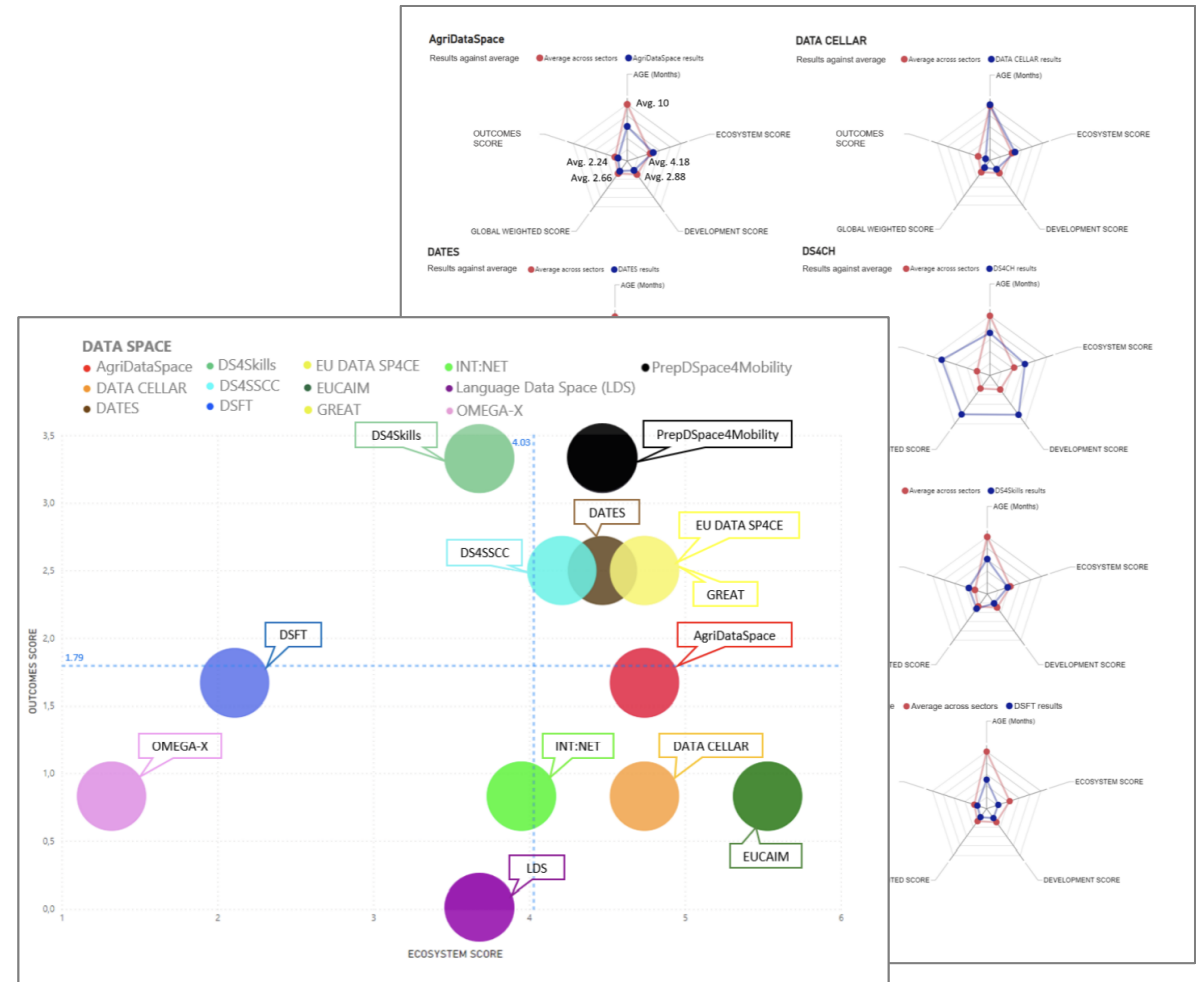
Support platform

- To get in touch with the experts in the team and get opinion and advice
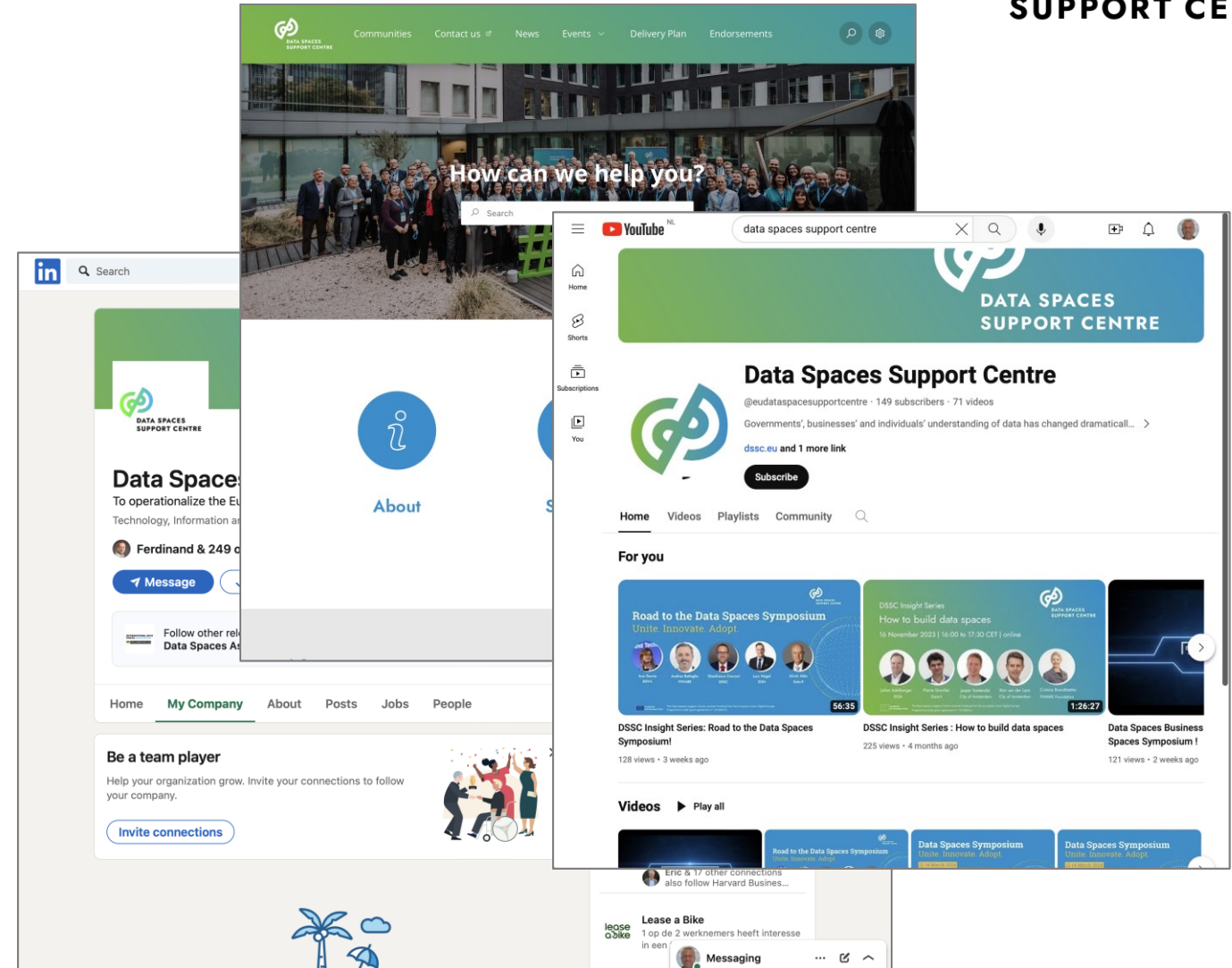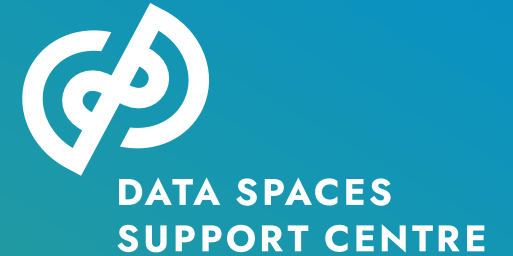- >1200 requests addressed in ~1,5 years

Communications

- Keeping you connected and informed
- Subscribe to our newsletter!
- Engage with us!

Where to find out more

» Sign up for the Data Spaces Support Centre newsletter using the QR-code or at tinyurl.com/dssc-newsletter ....

» Join our community at tinyurl.com/dssc-get-involved ....

» Use our resources at tinyurl.com/dssc-knowledge-base ....

» Get support at tinyurl.com/dssc-support ....

DATA SPACES
SUPPORT CENTRE

Data Spaces Symposium 2025

- [Data Spaces Symposium 2025 – Share data. Unlock Value. Boost Impact.](#)

Data Spaces Symposium 2025

- Organized by DSSC, DSBA (Fiware, IDSA, Gaia-X)

- 11.3-12.3

- Blueprint 2.0 release 11.3 at 13:30 ->

- Toolbox session 12.3 at 13:30

- Program [Program - Data Spaces Symposium 2025](#)

- Sponsoring packages

Track 3

Data space tech [facilitated by the DSSC]

Designing and delivering the Common European Data Spaces

The portfolio of DSSC guidance and services that the European Commission made available for the development of data spaces in the Union [part 1]

DSSC's Network of Stakeholders

The Data Space Design Principles

The Co-Creation Method

DSSC's support to the data spaces

"Suomi"-whatsapp group DSS 25!

- Whatsapp group

- Name, phonenumber

- Coordinating the trip, dinner, interesting topics, anything…

- Email me: tuomo.tuikka@vtt.fi, and I will make a group well before the event.