DATA SPACES SUPPORT CENTRE

Data Spaces Support Centre
Overview of assets - links to Cyber Security and Data Protection

Tuomo Tuikka (VTT)

European Big Data Value Forum - 27 October 2023

Data Spaces and Cyber Security

Funded by the European Union

DSSC.EU

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

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

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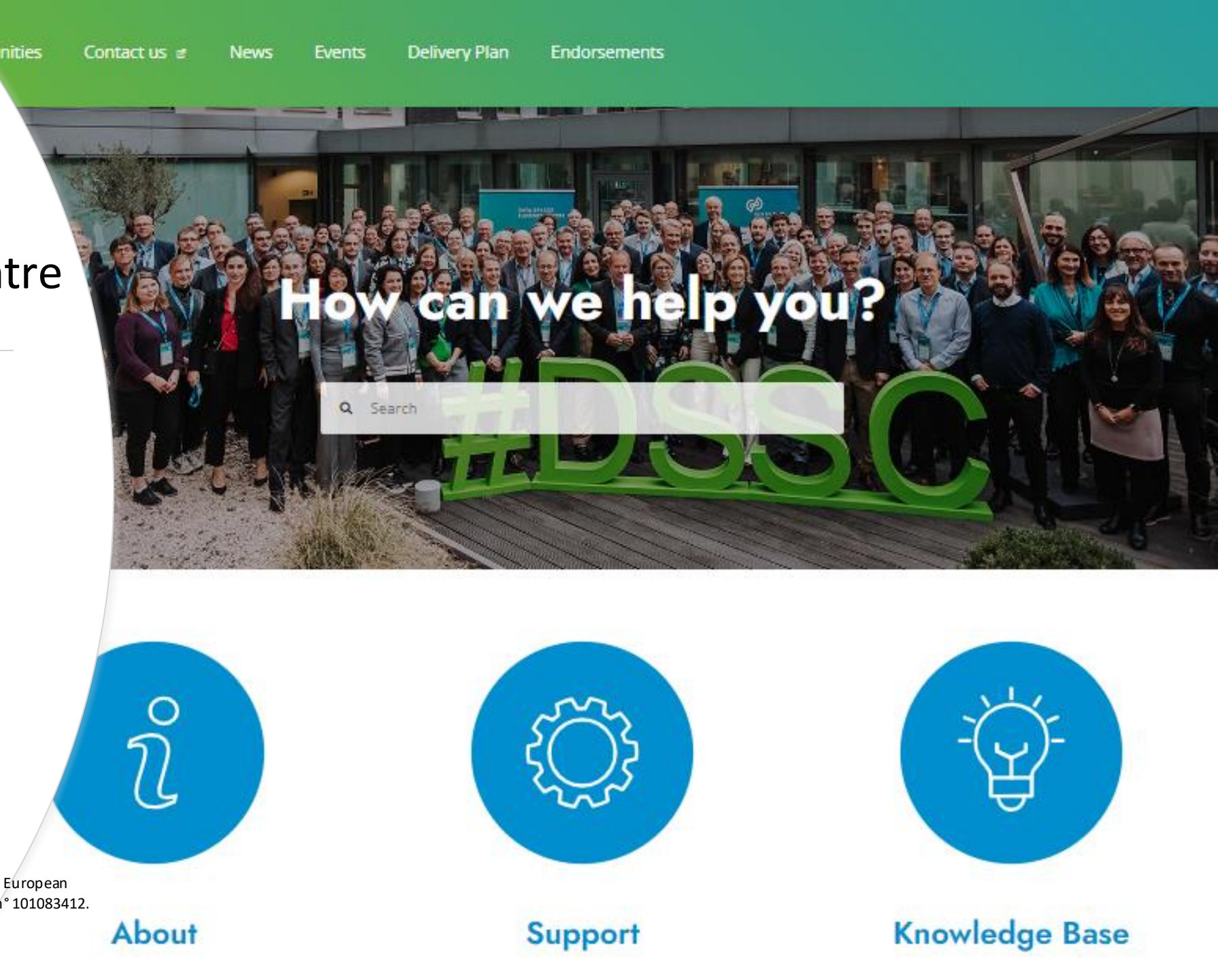

DSSC mission

DATA SPACES SUPPORT CENTRE

- 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 which will be developed according to a **co-creation process**
- Enable dataspaces to focus on their domain-specific business challenges and **provide business benefits to their participants**

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Data Spaces Support Centre releases
October 2023

DATA SPACES SUPPORT CENTRE

https://dssc.eu/page/knowledge-base

Starter Kit

Blueprint

Building Blocks

Conceptual model

Glossary

Collection of Standards

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Building Blocks

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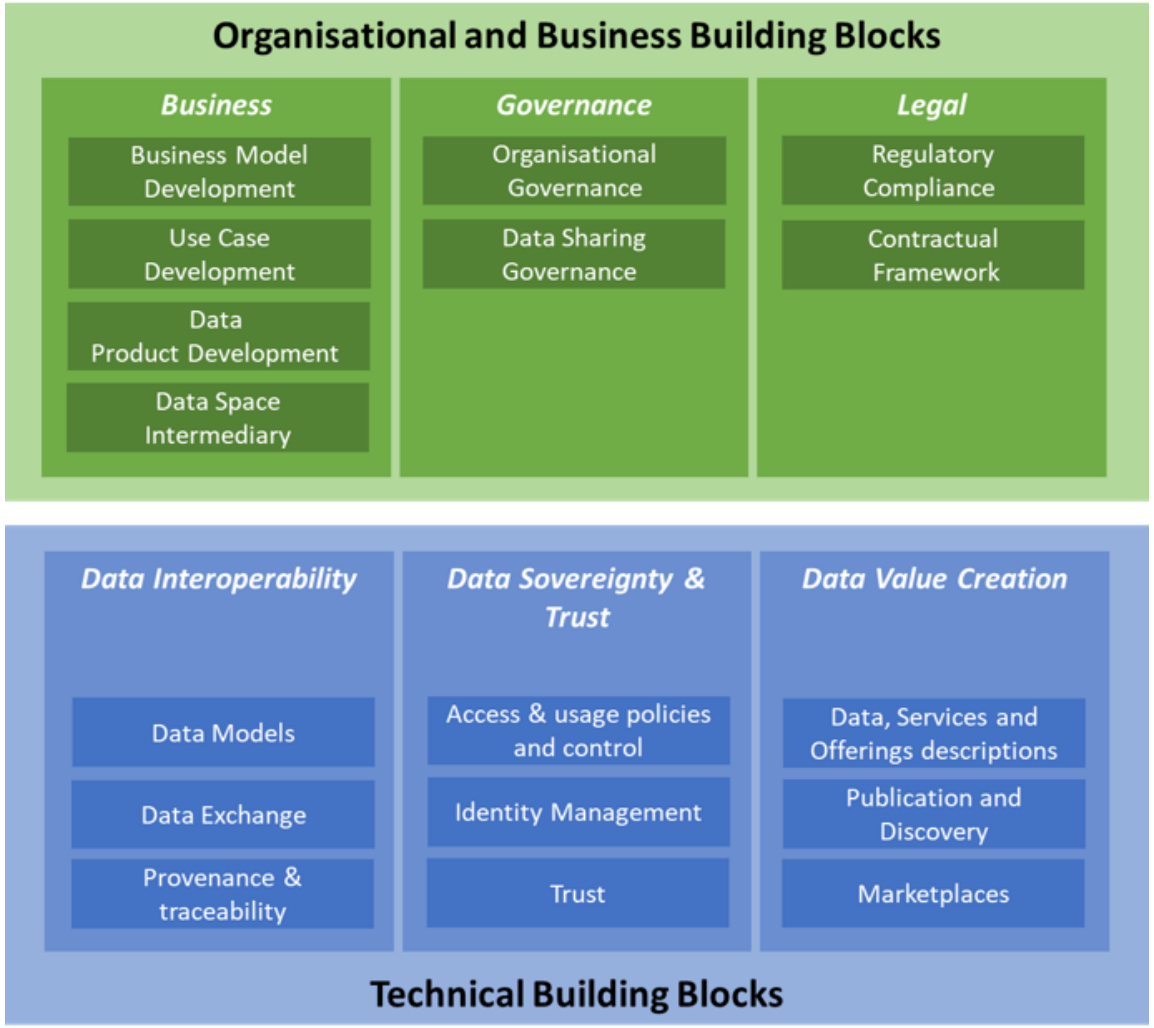
Organisational & business building blocks

Describe capabilities on a governance, legal and business level.

Technical Building Blocks

Describe capabilities on a technical level about:

Data Interoperability
Data Sovereignty & Trust
Data Value Creation



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DSSC and Cyber Security

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- Expert group input for building blocks
  - Data Sovereignty and Trust
- Cyber Security by design
  - Link to design principles and development
- CSA project requirements gathered:
  - Mechanisms that guarantee data control
  - Encryption services, cryptography
  - Identity and access management use of standards (SAML, AI, passports, GA4GH, VC)
  - Detecting and avoiding cyber-attacks
  - Anonymisation or deleting data

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Cybersecurity topics integration

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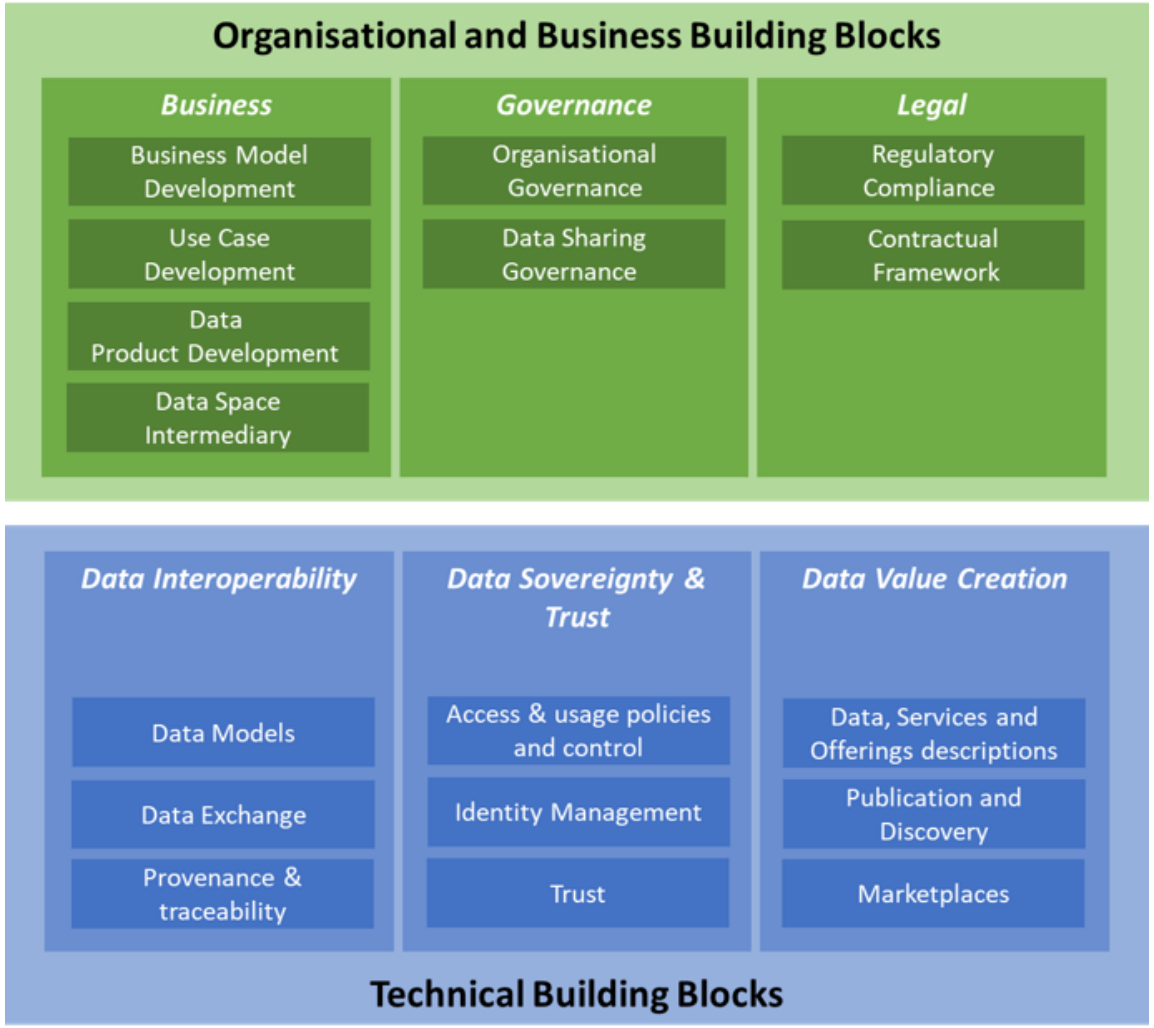
- **Common European Data Space projects**
- **Input from the community**
  - **Events, workshops with topic corresponding organizations, Web platform – dssc.eu**
- **Expert groups**
- **Blueprint 1.0 forthcoming spring 2024**



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Engage with us!

For support or contributions

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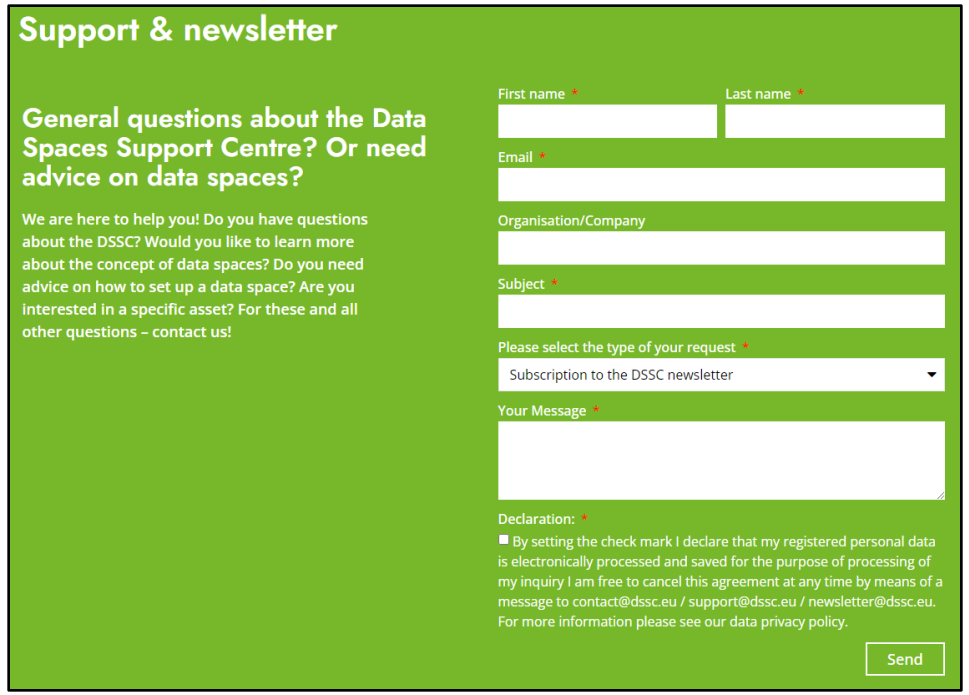
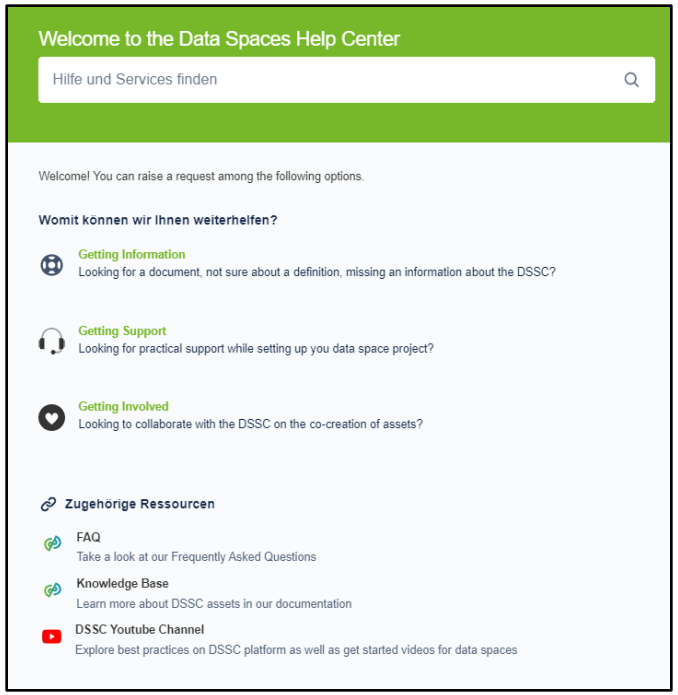
Visit www.dssc.eu for support and subscribing our Newsletter!



Visit the DSSC Platform for support and engagement!



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Collection of Standards

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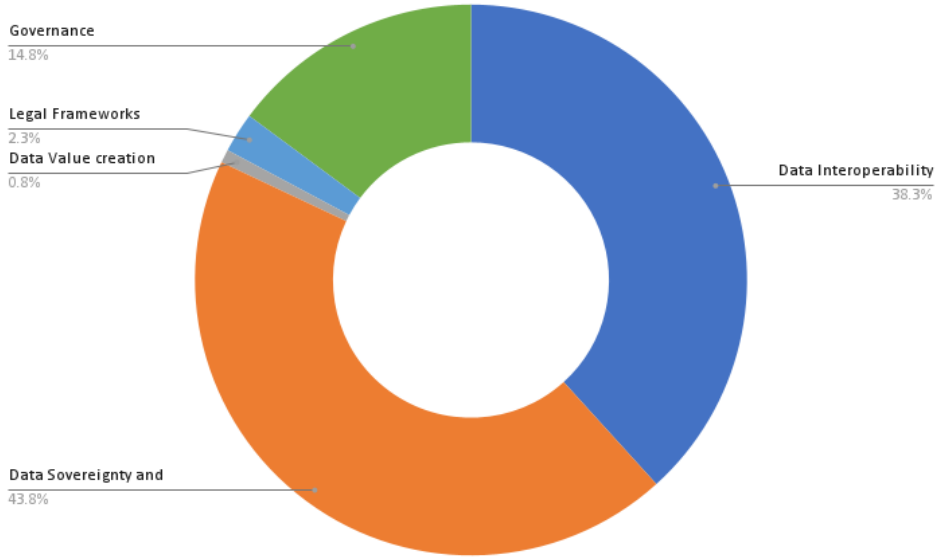
- Lists all the candidate standards and technologies to be referred in the Specifications of Building Blocks for their implementation.
- Standards are mostly related to the technical building blocks. A technical building block is designed by providing both a functional and a technical specification.
- Users: Expert groups, Data Spaces initiatives, Standardization initiatives, Research and industrial communities
- What are the most needed standards from Cyber Security point of view?



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How to keep posted

DATA SPACES SUPPORT CENTRE

- Strategic Stakeholder Forum
- News and publications at dssc.eu
  - Get support
- Join the Thematic Groups
  - Knowledge base and periodic meetings
  - Get involved
- Monthly DSSC Insights Series
  - Next one about the Blueprint on 12th October at 16:00
- Data Spaces Symposium in March 2024

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Thanks!

More info at contact@dssc.eu

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