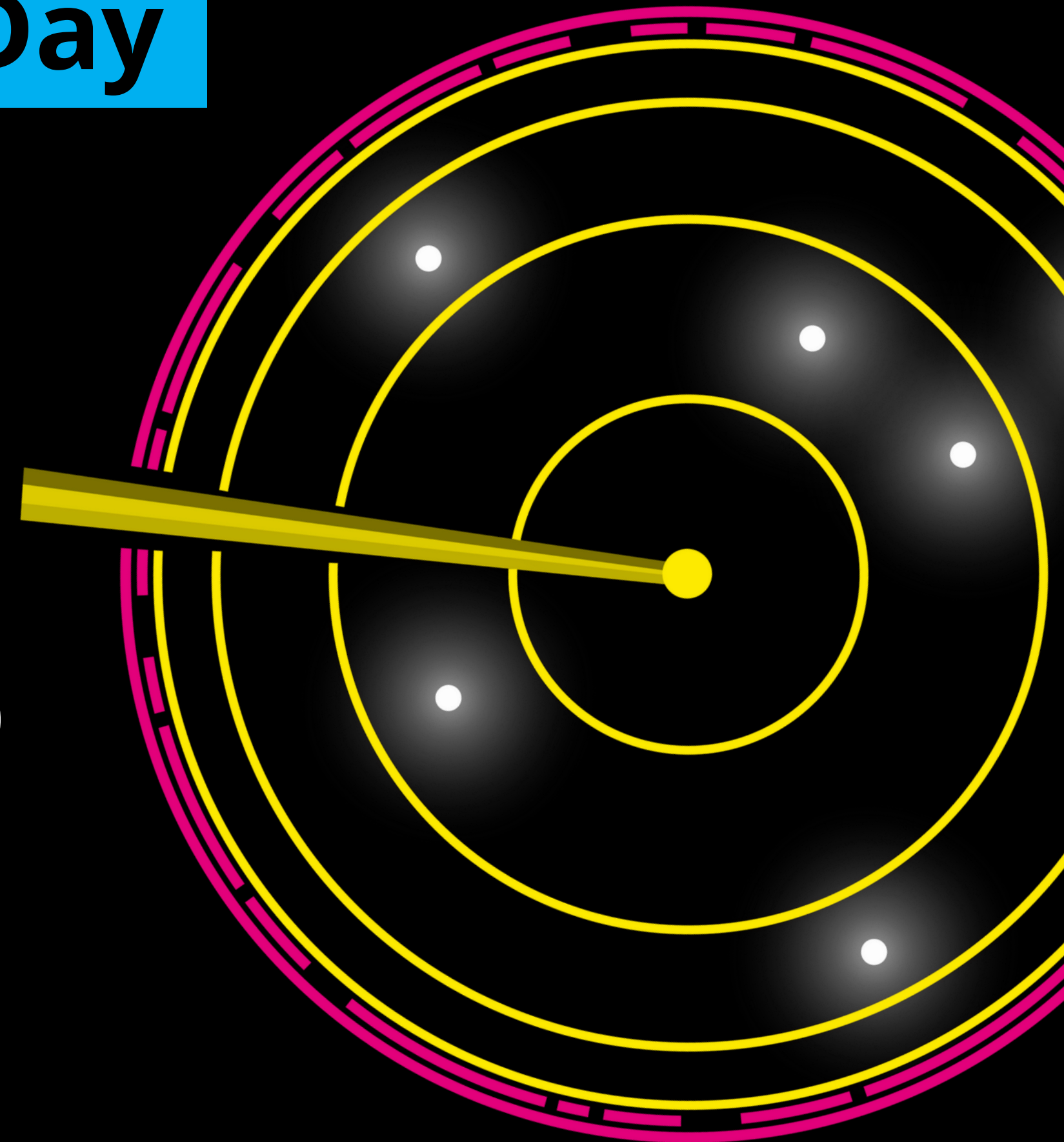# Data Spaces Discovery Day

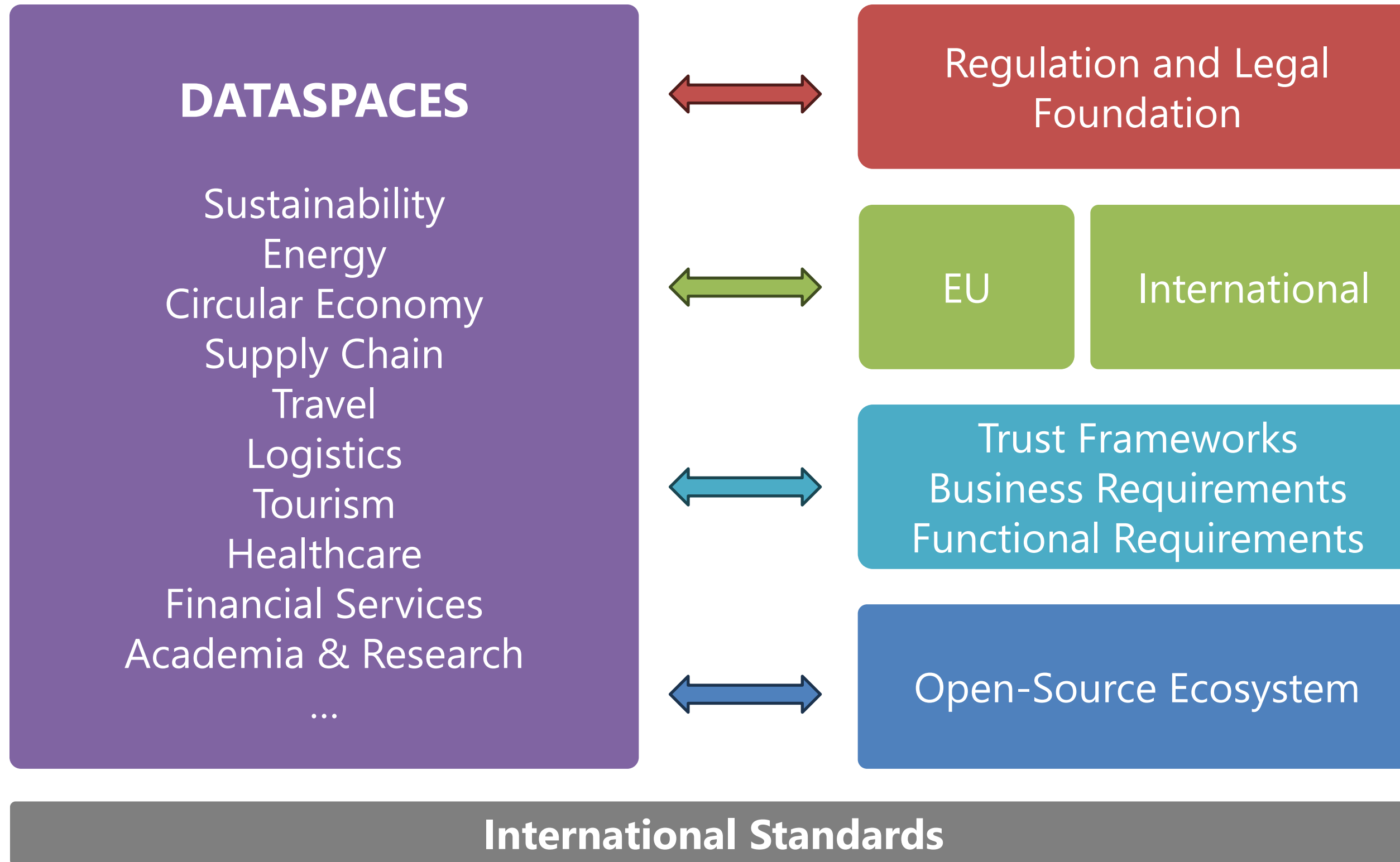## October 19, 2023 | Vienna

Building an open-source
ecosystem for Dataspaces

Eclipse Dataspace Components (EDC)
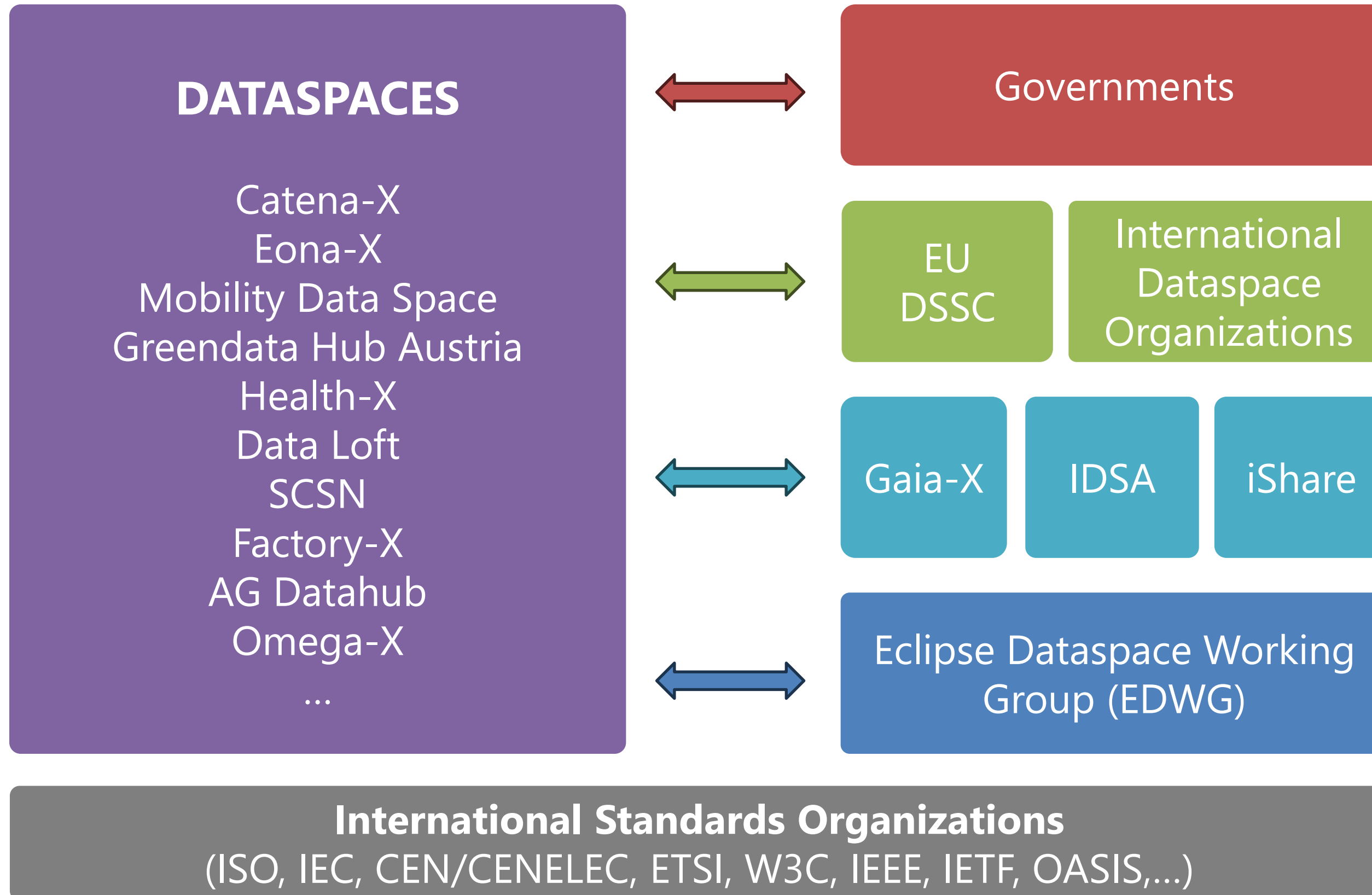& Eclipse Dataspace Working Group

Peter Koen, Microsoft

BIG PICTURE

BIG PICTURE

DATASPACES

Catena-X
Eona-X
Mobility Data Space
Greendata Hub Austria
Health-X
Data Loft
SCSN
Factory-X
AG Datahub
Omega-X
...

Governments

EU DSSC

International Dataspace Organizations

Gaia-X | IDSA | iShare

Eclipse Dataspace Working Group (EDWG)

International Standards Organizations
(ISO, IEC, CEN/CENELEC, ETSI, W3C, IEEE, IETF, OASIS,...)

European Commission
Governments
Ministries
Public Sector
Regulators
Non-Profit/NGOs

Cloud Providers
Software Vendors
Solution Integrators
Dataspace Service Provider
Data Service Provider

Consultancies
Certification Body
Auditors

BIG PICTURE

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Dataspace Service Provider
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ECLIPSE OSS PROJECTS

Dataspace Protocol (DSP) Specification | DSP TCK

Eclipse Dataspace Components (EDC)

Eclipse Dataspace Authority Tools

Dataspace Trust Protocol (DTP) Specification | DTAP TCK

Eclipse Dataspace Trust Components (EDTC)

Eclipse Confidential Data Plane | Eclipse Event Data Plane

and many more to come

International Standards Organizations
(ISO, IEC, CEN/CENELEC, ETSI, W3C, IEEE, IETF, OASIS,...)
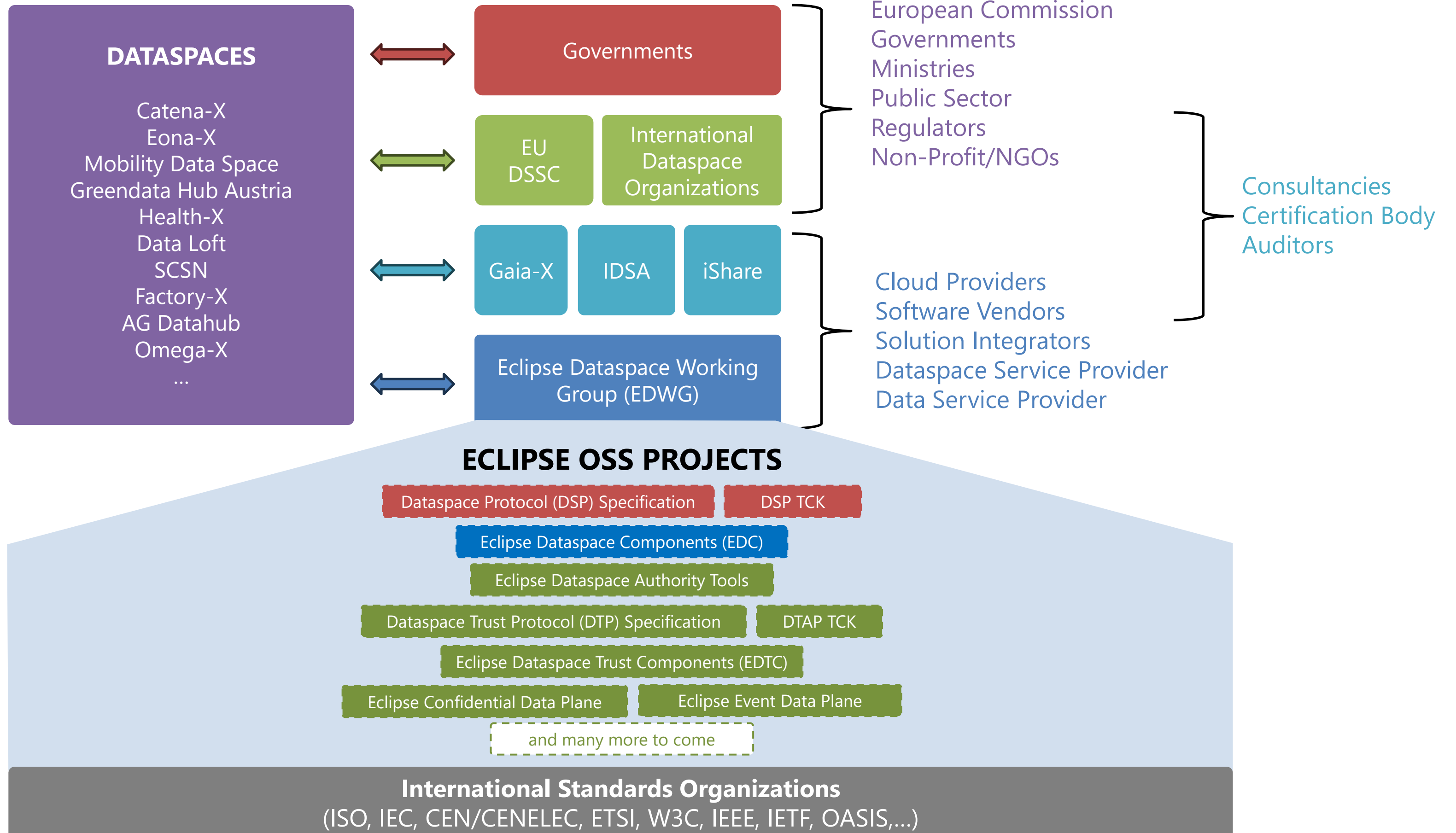
Eclipse Dataspace Components

- A **reference implementation** for the **Dataspace Protocol**

- Implements the **GAIA-X Trust Framework**

- Community driven Open Source project under **Eclipse Foundation** on **GitHub**

- Free of intellectual property rights under **Apache 2.0** license

- Used by many **Dataspace** projects

- Modular / Extendable Based on **Java** SPI

- https://projects.eclipse.org/projects/technology.edc

- https://github.com/eclipse-edc

How to participate

- As a company – join DIO
  - https://www.dataintelligence.at/
- As a company – join IDSA
  - https://internationaldataspaces.org/make/working-groups-and-task-forces/
- As a company – join the Eclipse Dataspaces Working Group
  - https://www.eclipse.org/org/workinggroups/dataspace-charter.php
- As a developer – join the open-source projects!
  - https://github.com/eclipse-edc
  - https://github.com/eclipse-dataspacetck
- As an architect – join the IDSA Architecture Working Group
  - https://github.com/International-Data-Spaces-Association
- As a business strategist or legal expert – join the IDSA Rulebook Working Group
  - https://github.com/International-Data-Spaces-Association/IDSA-Rulebook
- As a Dataspace Enthusiast
  - Project Manager, Technical Writer, Marketing Manager, Copy Editors,..
  - **Join the working groups and be active – we appreciate any help we can get!**