



The common European **mobility** data space

Zoe de Linde, deputy Head of Unit
Unit E4 “Internet of Things”

DG CONNECT, European Commission

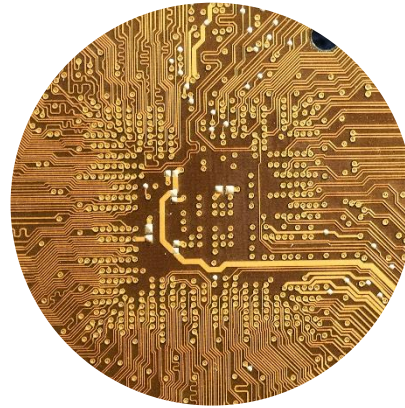
Brokerage event for DIGITAL Data Spaces

16 December 2021

Mobility part of the European priorities



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European Green Deal
Reduce greenhouse
gas emissions from
transports
by 90% by 2050

Fit for the digital age
Make mobility smarter
and ensure our digital
sovereignty

Industrial leadership
Globally competitive
mobility and transport
ecosystem,
at the edge of innovation

Benefits and challenges of sharing mobility data



Businesses: Staying in control of value creation, new services, optimised processes



Governments: Greener transport, better monitoring, planning and management



Passengers: Improved convenience, seamless multimodal travel, more choice



Reluctance to share data: security, competition concerns, lack of trust



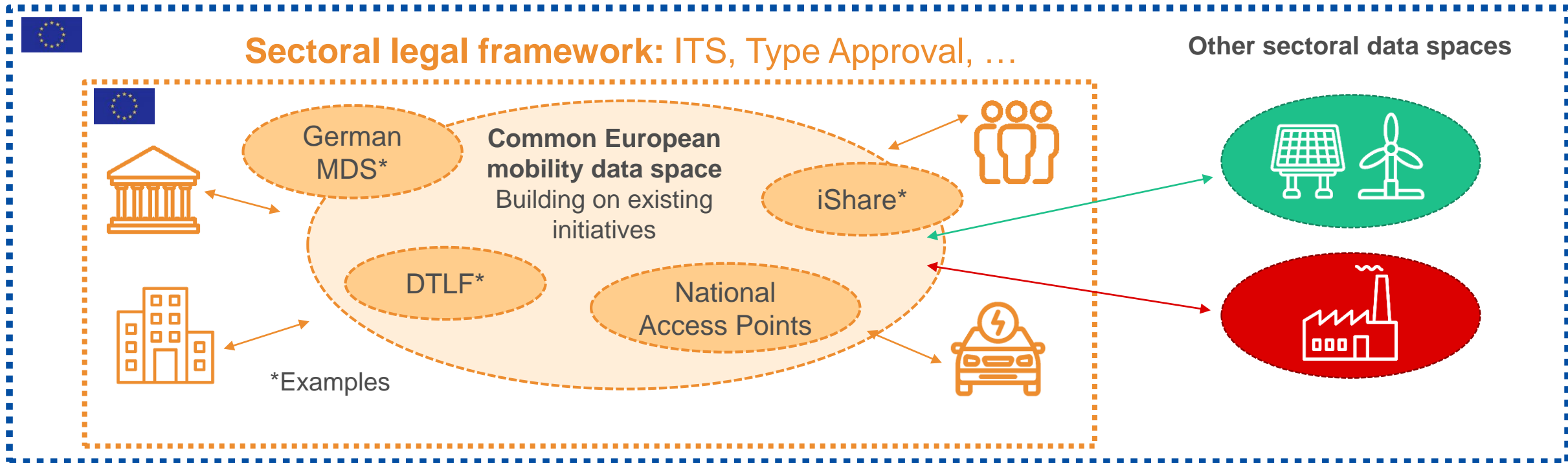
Dominance of large platforms capturing increasing share of value



Fragmentation, lack of access and of interoperability

Enablers for a digitalised mobility

Horizontal legal framework: Digital Markets Act, Data Governance Act, high-value datasets, Data Act, ...

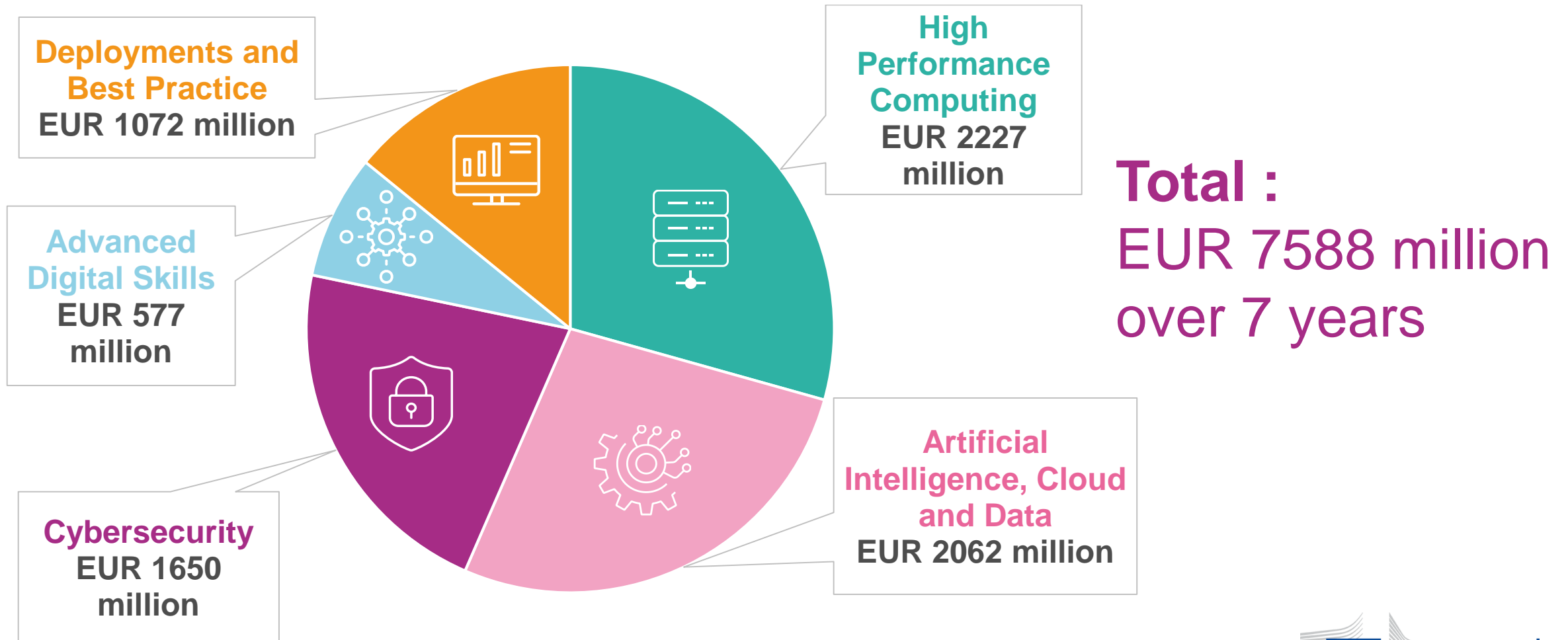


Key enabling digital technologies: Cloud-edge, 5G, AI, electronics

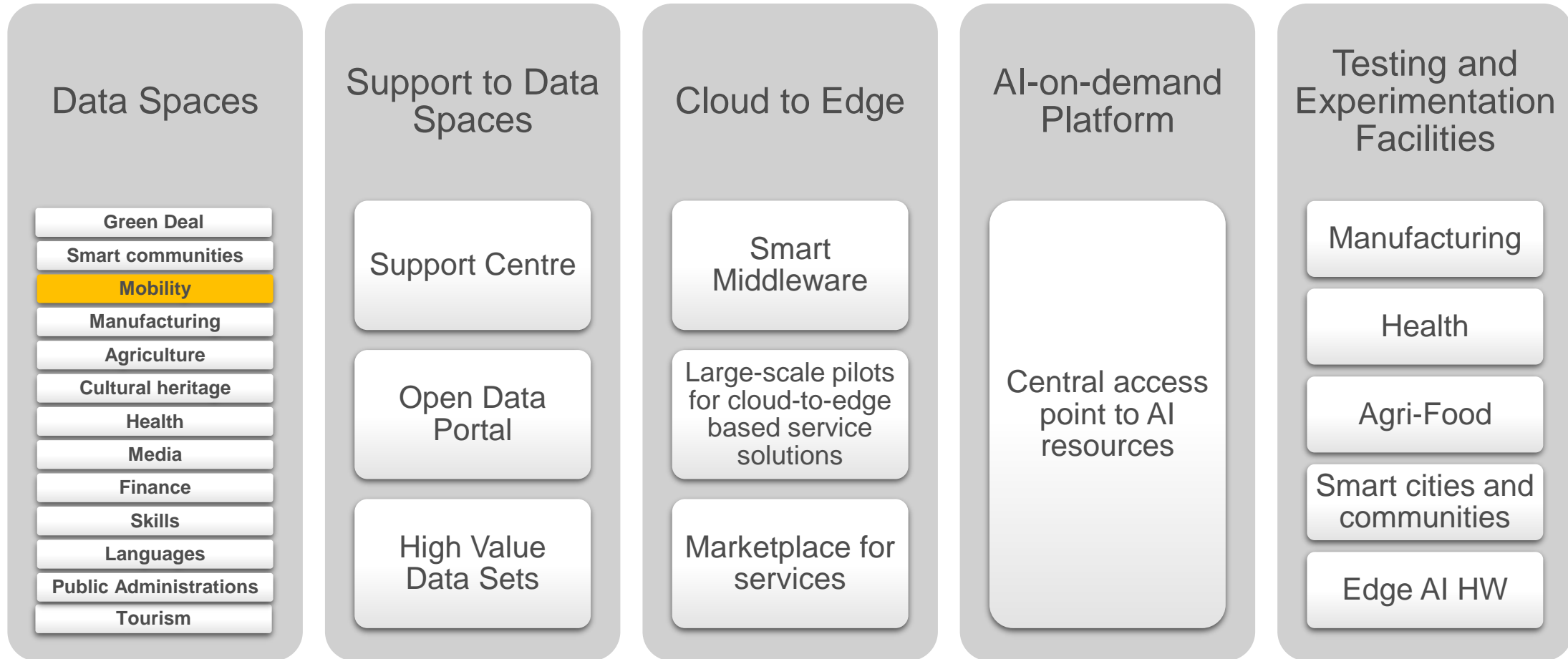
Supported by Horizon Europe, Digital Europe,
Connecting Europe Facility, Recovery and Resilience Facility, ...



Budget as in Regulation



Artificial intelligence, data and cloud



Most of the actions will be managed directly by CNECT

Data space for mobility – Objectives

- To contribute to **the development of the common European mobility data space**
- To support creation of a **technical infrastructure** combined with **governance mechanisms** to facilitate **cross-border access to key data resources.**
- Built and operated in **full compliance with existing EU legislation in the mobility and transport sectors.**

Data space for mobility – **implementation**

Step 1: Preparatory action:
Co-ordination and Support Action (CSA)
→ **Call 1**

Step 2: Deployment:
Implementation projects
→ **Call 3**

Data space for mobility CSA – Expected activities

- Make an **inventory of existing data platforms and marketplaces**
- Map and provide a **catalogue of transport data eco-systems**
- **Identify gaps and overlaps of data** currently covered by existing initiatives
- Identify **common building blocks** which could contribute to the long-term convergence of existing and new data-related initiatives in transport
- Explore **options for frameworks for sharing, managing data exchange** across data initiatives in the mobility sector.
- Include **reflections on incentives schemes** to motivate participants to provide data.
- Identify **opportunities for integrating the mobility data space and/or data ecosystems in the emerging European data and cloud services infrastructure.**

Data space for mobility CSA – Alignments

The awarded consortium will work in liaison with the:

- **Data Spaces Support Center**
- **The Alliance for Industrial Data, Cloud and Edge**

to ensure alignment with the design of the European data spaces in other sectors with respect to **common tools** such as:

- Data space reference architecture, building blocks, toolboxes
- Common standards, interoperability protocols
- Data governance models, business models, strategy to run the data spaces.

Data space for mobility CSA – Expected outcomes

- **Inventory of existing platforms sharing data relevant for mobility**
- **An analysis regarding gaps and overlaps of data, and identifying potential common building blocks, feeding into the Commission preparatory work establishing the mobility data space.**

Data space for mobility CSA – KPIs

- **Effectiveness of approach** in terms of **representativeness** of private sector, associations, advisors, third parties, public administration and/or governmental bodies.
- **Quality and credibility of the analysis** for the mobility data space
- **Coherence of the recommended building blocks** with the European Data Spaces Technical Framework and other sectorial data spaces.

Data space for mobility CSA – Call dates

Call dates:

First call: Open **17.11.2021**, Closed **22.2.2022**

Evaluation **Q2 2022**, Contracts signed **Q4 2022**

Budget: EUR 1 million

Funding rate: 100% eligible costs

Duration of action: 12 months

Key information for the CSA

Work programme documents: [\(1\) Main](#), (2) Cybersecurity, (3) EDIH, (4) HPC

Call [DIGITAL-CLOUD-AI-01](#) open until: 22 February 2022 17:00 Brussels time

Applicants must be legal entities established in EU Member States or [countries associated](#) to the Digital Europe Programme

Consortium of minimum 3 independent entities from 3 different eligible countries

<https://digital-strategy.ec.europa.eu/en/activities/get-funding-digital>

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/digital>

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/digital-2021-cloud-ai-01-prep-ds-mob>

Data space for mobility - deployment

Two projects to make data available in machine readable format for:

- EU sustainable urban mobility indicators (emissions/congestion/travel times/modal split)
- Traffic and travel information at urban level.

Call dates: **Third call:** Open Q3 2022, Closed Q4 2022, Evaluation Q1 2023, Contracts signed Q3 2023

Budget: EUR 8 million

Funding rate: Simple grant, 50% co-funding rate

Duration of action: 24-36 months

Timeline

Call 1 for preparatory action (CSA)

Open:
17/11 – 22/02

Evaluation:
14/03 – 29/04

Information on
evaluation results:
end of May 2022

Signature of the
grant agreements:
Sep. 2022

Project duration 12 – 24 months



Call 3 Deployment

Open:
Q3 2022 – Q4 2022

Evaluation:
Q1 2023

- Information on evaluation results: Q2 2023
- Signature of the grant agreements: Q3 2023
- Project duration 24 months

Leveraging the momentum

Centre for the Fourth Industrial Revolution Japan
Developing a Responsible and Well-designed Governance Structure for Data Marketplaces
BRIEFING PAPER
AUGUST 2021

WORLD ECONOMIC FORUM

Study on technological and economic analysis of industry agreements in current and future digital value chains

Data for Common Purpose Initiative

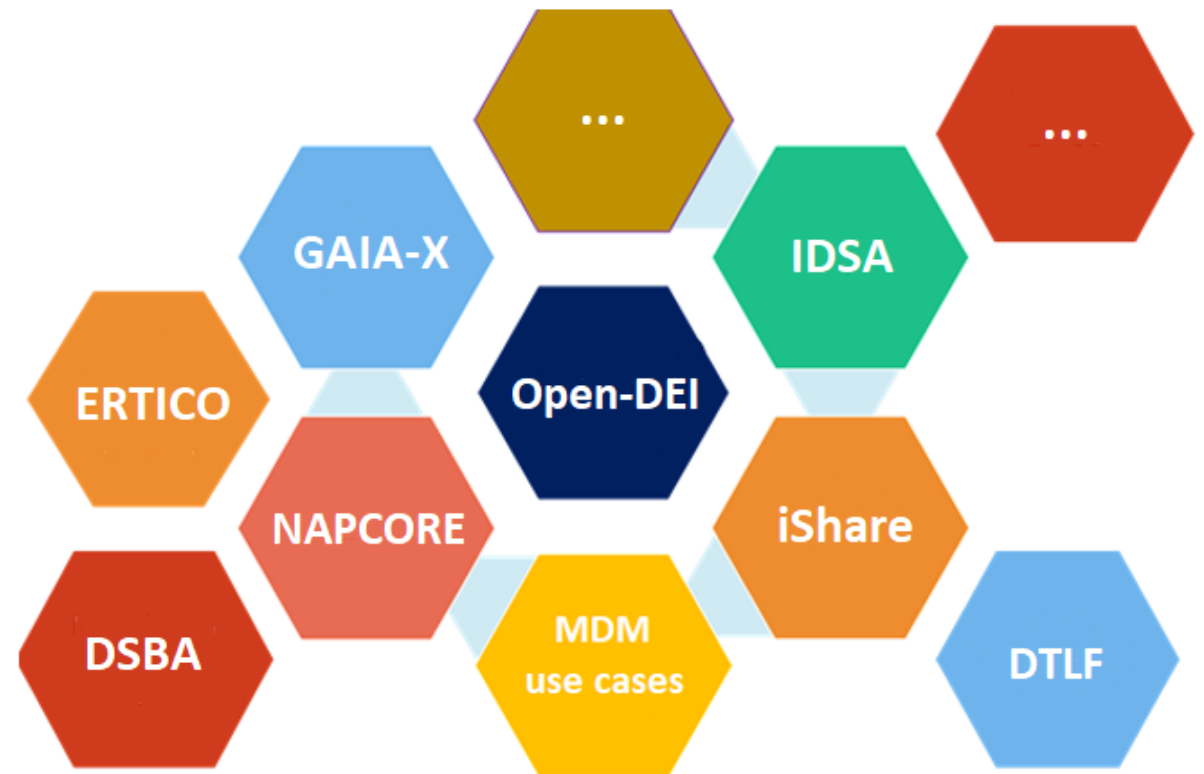
DMSPs: A key governance component

OPEN DEI TASK FORCE 1

Design Principles for Data Spaces - Position Paper

Data space experts team up to define for the first time cross-sectoral and across initiatives the fundamental design principles to build data

Ongoing data spaces initiatives across Europe



Converging guidelines worldwide

Experts

- Experts are essential for project evaluation and monitoring
- Register in the Funding & tender portal and experience “how it all works”!

European Commission | Funding & tender opportunities
Single Electronic Data Interchange Area (SEDIA)

English EN

Register Login

SEARCH FUNDING & TENDERS HOW TO PARTICIPATE PROJECTS & RESULTS **WORK AS AN EXPERT** SUPPORT

Find calls for proposals and tenders

ERA corona platform Brexit info Report fraud

Search calls for proposals and tenders by keywords, programmes... Search

EU Programmes

Asylum, Migration and Border Management and Citizens, Equality, Rights Creative Europe (CREA) Digital Europe Europe Direct (ED)

News

16 Apr, 2021
OPSYS - Important note concerning the Management of Interventions (including their Logframes)
Dear Implementing Partners, Due to ongoing structural changes concerning Interventions, in terms of methodology and in the IT system, you are requested to stop ...

14 Apr, 2021
A new TV channel is ready for you! Welcome to the Horizon

European Commission

Useful links

Digital Europe Programme website

<https://digital-strategy.ec.europa.eu/en/activities/digital-programme>

Digital Europe Programme Regulation

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32021R0694&qid=1621344635377>

Funding & tender opportunities portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/digital>

Thank you



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