The common European mobility data space

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Brokerage event for DIGITAL Data Spaces
16 December 2021
Mobility part of the European priorities

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, …

**Sectoral legal framework:** ITS, Type Approval, …

- German MDS*
- Common European mobility data space
  - Building on existing initiatives
- DTLF*
- National Access Points
- iShare*

**Other sectoral data spaces**

**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

- **Advanced Digital Skills**: EUR 577 million
- **Cybersecurity**: EUR 1650 million
- **Deployments and Best Practice**: EUR 1072 million
- **High Performance Computing**: EUR 2227 million
- **Artificial Intelligence, Cloud and Data**: EUR 2062 million

**Total**: EUR 7588 million over 7 years
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://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/digital
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 2021
- **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**

[Timeline chart with dates and milestones]
Leveraging the momentum

Converging guidelines worldwide

Ongoing data spaces initiatives across Europe
• Experts are essential for project evaluation and monitoring
• Register in the Funding & tender portal and experience “how it all works”!
Useful links

**Digital Europe Programme website**

**Digital Europe Programme Regulation**

**Funding & tender opportunities portal**
https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/digital
Thank you

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