

PREPARATORY ACTION

European Data Space for Mobility

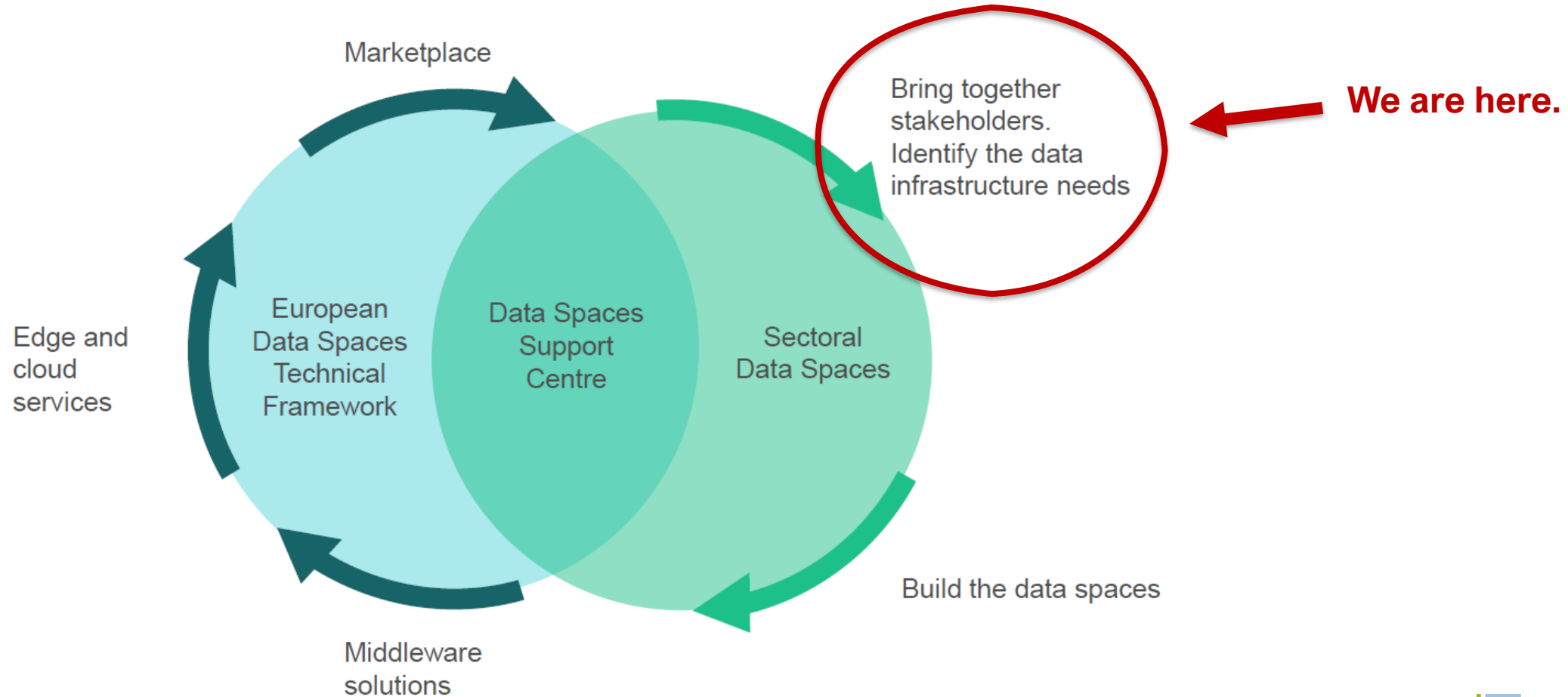
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DEUTSCHE AKADEMIE DER
TECHNIKWISSENSCHAFTEN

Preparatory action for a common mobility data space



Source: European Commission

European Data Space for Mobility

Preparatory Action



European consortium with public and private sector stakeholders, associations and governmental bodies:

14 beneficiaries and 3 associate partners

- | | | |
|----------------|------------|------------|
| acatech | FIWARE | USI |
| ADP | FhG | VTT |
| Amadeus | IDSA | BASt |
| EIT-UM | iSHARE | UI Hungary |
| EMTA | KU Leuven | German MDS |
| ERTICO | TNO | |

European Data Space for Mobility

Preparatory Action | Mission & Objectives



The project PrepDSpace4Mobility aims at contributing to the **development of the common European mobility data space** by supporting the creation of a technical infrastructure that will facilitate easy, cross-border access to key data for both passengers and freight.

OBJECTIVES

- make an **inventory of existing data platforms and marketplaces** in the mobility and transport domains, describing their characteristics and components
- **analyse gaps** of important mobility data currently not available for access and reuse,
- specify **common building blocks**, including technical infra, governance and financial incentives
- identify **opportunities for integrating the mobility data space and data ecosystems** in the emerging European data and cloud services infrastructure.



Why a data space?

- Decentralised, open ecosystem based on p2p data exchange
- No external storage of data by third parties, allows data providers to maintain sovereignty over their data
- Common standardised interfaces and defines technical usage policies to protect or limit the use of data that has been shared.



What **aspects and criteria** should be included in the mapping process to ensure the relevant mobility data-sharing initiatives are considered when preparing the mobility data space? > **ecosystem taxonomy**



- Multi-stakeholder (public & private)
- Openness of the ecosystem
- Compliance with European principles and regulations
- Multimodality
- New data sources

- One neutral trustee or democratic decision-making/governance?
- Open source or proprietary?
- Public utility company, non-profit or commercially viable entity?
- Developed around the NAPs or clear distinction, e.g. voluntary exchange?



What are the preconditions to securing consensus among stakeholders when defining the framework?

- **Coordination and consensus building**

agreement on principles and standards accepted by all participants/the sector, balancing stakeholder interests and specific requirements with requirements at the higher level/interoperability with other data spaces

- **Acceptance**

fair rules and balanced governance mechanisms (*“sound governance is needed in which relevant stakeholders of a common European data space participate and are represented”* – Data Governance Act)

- **Adoption and scaling**

to achieve network effects, a large community, especially smaller actors should be able to benefit from on-boarding support; creative data monetisation and incentive schemes for data sharing



Alignment with key mobility and logistics stakeholders

- Invitation to expert workshops and stakeholder forums in 2023

→ *contact us to receive updates!* kirstein@acatech.de

- Expert workshops organised by FIWARE
- Workshop with end-user communities by ERTICO
- ERTICO data ecosystems in-focus session
- 2 EIT UM stakeholder forums to discuss and disseminate preliminary findings

Contact

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