PrepDSpace4Mobility

400 data sharing ecosystems exist within the EU in the mobility sector

Barcelona, Spain (30 March 2023) – **Halfway through its implementation, PrepDSpace4Mobility has successfully achieved its first objective of creating an inventory of European data ecosystems. An inventory of almost 400 data sharing initiatives was created by mapping existing data ecosystems in the mobility and logistics sector. 229 of those are available to be explored on an [interactive map on the project's website](). The pan-European consortium of PrepDSpace4Mobility, has reached out with an in-depth survey and is analysing the data sharing initiatives to find common ground and draw conclusions on suitable frameworks for an easy, cross-border access to key data for passengers and freight within the European Union.**

Innovative and EU-compliant use of data will transform tomorrow's mobility.

According to the EU's strategy on Industrial and commercial data, this cross-border use is expected to create an additional EUR270 billion in GDP for EU Member States by 2028. Real-time notifications of delayed trains can save up to 27 million labour hours, equivalent to EUR 740 million; real-time traffic avoidance services can save up to EUR 20 billion in labour costs and save 27 million labour hours[1].

The PrepDSpace4Mobility map includes more than 200 data ecosystems collecting data across Europe on freight and logistics alone. The interactive map presented during the first Public Stakeholder Forum last February, offers an extensive overview of existing data ecosystems that actively collect and share mobility and logistics data. An overview of the status quo is a necessary first step towards the planned deployment of the common European mobility data space and the creation of a technical infrastructure based on trust, security, and sovereignty. The analysis of these data ecosystems and their characteristics will help uncover insights that will guide the consortium to propose common building blocks for a future European data space for mobility.

First results of the in-depth survey show that data ecosystems use a variety of different reference architectures and combine elements from more than one model. Yet, there is consensus among the data ecosystems that common data models and APIs for syntactic and semantic harmonisation of data are a core requirement for the EMDS. Additionally, preliminary results show that the implementation of data access and usage policies is of high importance, while perspectives on the need for analytics, marketplace services and accounting of data access and transactions within the data sharing environment are mixed.

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[1] https://commission.europa.eu/strategy-and-policy/priorities-2019-2024/europe-fit-digital-age/european-data-strategy_en

A second Public Stakeholder Forum will be held in June and address the survey's results in detail. Participants will get an overview of suitable business, legal and governance, technical, and operational frameworks that support data sharing within a data ecosystem whilst ensuring compliance with relevant laws and fair treatment for everyone involved.

About PrepDSpace4Mobility

PrepDSpace4Mobility contributes to the European Commission's Strategy for Data. By mapping existing mobility and transport data ecosystems, an extensive catalogue of European transport data ecosystems has been created. Building on these activities, technical building blocks and suitable governance frameworks for securely sharing data and managing data exchange across Europe are identified. A consortium of 17 partners, has kicked off the Preparatory Action for the Data Space for Mobility (PrepDSpace4Mobility) project in October 2022. Led and coordinated by acatech (Germany), activities are carried out by Amadeus SAS (France), EIT Urban Mobility, an initiative of the European Institute of Innovation and Technology, a body of the European Union, (Spain), FIWARE (Germany), FhG (Germany), IDSA (Germany), iSHARE (Netherlands), TNO (Netherlands), USI (Germany), VTT (Finland), EMTA (France), Group ADP (France), KU Leuven (Belgium), ERTICO (Belgium), BAST (Germany), UIH (Hungary), and MDS (Germany). The European Commission has dedicated one million Euro to the 12-month project, funded under the Digital Europe Programme.

BACKGROUND

Do not miss out on any project updates regarding events and results by subscribing to the newsletter and following PrepDSpace4Mobility's LinkedIn page.

Press Contact Details:

If you would like to reach out to a spokesperson of the project, please contact

- Lucie Kirstein – E: prepdspace4mobility@acatech.de
- Marine Moulin – E: media@eiturbanmobility.eu - T: +34 654 017 463

For more information visit: www.mobilitydataspace-csa.eu

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