Methodology

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The Knowledge Base will be derived from the most important projects and initiatives implemented to date in the domain of transport data sharing.
MobiDataLab will gather a committee of experts, made up of consortium members and external advisors, divided in different working groups for documenting legal and regulatory aspects, data privacy, data governance, standards and cloud frameworks. New requirements from predefined use cases and a list of concrete problems faced by mobility stakeholders will also be identified.

- On **Data privacy requirements**, production of a theoretically and practically oriented overview of available privacy-by-design strategies, privacy risk assessment tools and privacy-preserving technologies that will allow to develop responsible, ethically-aligned and GDPR-compliant tools for the storage, sharing and analysis of mobility and transport data, subject to GDPR principles, such as purpose limitation.
- On **Legal and regulatory requirements**, identification and analysis of the legal and regulatory frameworks applicable to data and data sharing, within the respective transport modes but also, where appropriate, across modes. The focus of the study is primarily -but not exclusively- placed on the use cases.
- On **Data governance requirements**, interdisciplinary study of the factors for success vs failure of respective data governance mechanisms. The study will particularly focus on B2B models.
- On **Standard requirements**, definition of a standardisation roadmap for both integrating existing data sharing standards (GTFS, NeTEx, SIRI, MDS, OGC features, CSW, DCAT-AP, etc.) and promoting standardisation results. Mapping of the technical requirements to current standards and any necessary extensions for development.
- On **Frameworks report**, 360-degree analysis and evaluation of the available solutions (e.g., frameworks, tools, environments, infrastructures, etc.) that could be leveraged to enable transport data sharing in the Cloud.
- On **New use cases and requirements**, within the exemplary operational use cases, real world requirements will be collected to trigger the alignment of homogeneous and standardized access

connection and distribution of influencing location relevant data.

The Knowledge Base will be continuously fed and challenged by the Virtual and Living labs, and with the collection and analysis of advice and recommendations of experts and supporting cities/regions/clusters/associations.