

USE CASES TO FOSTER DATA EXCHANGE

- Real-time data sharing across modes for better operations
- Decision support through data sharing
- Better journey planning through 3rd-party data integration

KEY ISSUES IN DATA EXCHANGE

1

Interoperability

Unavailability of data sharing platforms, lack of public data repositories and lack of data management support tools.

2

Reliability

Data quality and maturity, are affected by lack of real-time data and the accuracy and update frequency of historical data.

3

Security

Insufficient protection by external attacks and mistrust in data encryption processes.

4

Policy

User Data Privacy does not allow user data acquisition, especially for private organisations.

5

Lack of cooperation culture

Lack of understanding about the value of real-time data.

Mistrust among organisations from fear of giving edge to competitors. Participation in data sharing platforms can be very expensive due to need for new IT infrastructure. No clear business models.

MOST IMPORTANT ACTORS FOR DATA EXCHANGE

Public Administrations
Public Transport Operators
Mobility Service Providers
Government Transport Agencies
Information Service Provider
Public Transport Authority
Government
Travelling Public
Consultants
Researchers
Car Manufacturers
Communication Services
Port, freight and courier Services
Emergency Services
Tourist Operators
Contextual Data Providers
Associations



MOST IMPORTANT DATA NEEDED FOR EXCHANGE

- Real-time demand in public and private transport
- Demand analysis through mobility habits
- Geolocation data on parking availability
- Real-time schedule updates in public transport
- Delays and disruptions in public transport
- Traffic Data

