

Cross-cutting IT  
systems and  
platforms

Collaborative  
processes,  
connectivity and data



# Unified data pool for resilient transport and logistics



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European Union

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Developed by :



Project by :



Operational fields

Technologies

Solutions



# UNIFIED DATA POOL FOR RESILIENT TRANSPORT AND LOGISTICS

Multimodality

Collaborative processes, connectivity and data



## Solution description

A **unified data pool** based on a standardised model that maps multimodal transport networks, integrating road, rail, inland waterways, and maritime modes.

It captures **static and dynamic data on goods, nodes, routes, and disruptions** within a single database, enabling structured, cross-sector information exchange and supporting resilient, interoperable transport planning and operations.



## Benefits

- **Harmonises** data across transport modes and systems
- Enhances coordination and operational efficiency
- Enables real-time disruption monitoring and response
- Supports strategic planning and risk analysis
- Scales easily to new corridors and data sources
- Aligns with EU regulations for compliance and transparency
- Improves data-driven decision-making for all stakeholders

Main beneficiaries:  
Infrastructure Planners & Policy Makers, TMS/IT System Developers, Freight Operators



Technology readiness level : **6**  
Implementation stage :  
*Pilot*

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Tasks

Identifying  
relevant elements

Incorporating  
elements into Models

Analysis network structure

Model selection

Consideration of user  
requirements

Model description

Consideration of operational  
requirements

Incorporating expert opinion

Results

Data Requirement List

Type of Reference  
Model

Share your contact  
details and we'll  
get in touch  
with you!



Would you like to know more?  
Take contact :



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