

Multimodality

Collaborative  
processes,  
connectivity and data



# Multimodal transport platforms federation and orchestration



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101104072

Developed by :



Project by :



Operational fields

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## Solution description

**Collaborative digital infrastructure** that connects logistics stakeholders (carriers, forwarders, operators, and service providers) via secure, decentralised data exchange.

It supports API and SFTP, enabling real-time and query-based access to booking, transport, and emissions data.

Based on the XXP protocol, ReMuNet ensures interoperability, scalability, and GDPR-compliant communication across diverse IT systems in multimodal transport networks.

The platform federation acts as an authentication broker, enabling peer-to-peer data exchange as the system scales.



## Benefits

- **Interoperability & Scalability:** Supports both direct and decentralized data exchange. Compatible with existing systems. Works across diverse stakeholder IT capabilities
- **Security & Compliance:** Cybersecurity by design: firewalls, access controls, encryption, virus scanning. GDPR-compliant data handling. Authentication brokering ensures secure, trusted information flows
- **Smart Logistics Integration:** Real-time and static data exchange on booking, traffic, emissions, capacity. Enables coordinated decision-making across modes and stakeholders. Reduces latency and overhead in multimodal transport planning

Main beneficiaries:  
Carriers, LSPs, Infrastructure managers

- Real-time data on booking, traffic, emissions, and capacity.
- API and SFTP support for all system types.
- Secure, GDPR-compliant XXP-based data exchange.

Technology readiness level : **7**  
Implementation stage : **Pilot**

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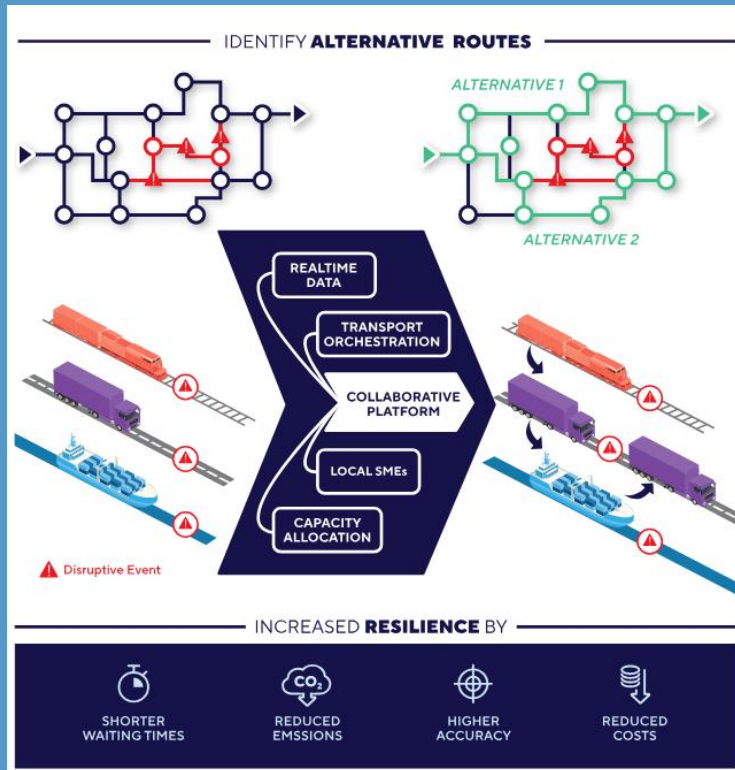
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Share your contact  
details and we'll  
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with you!



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