

Cross-cutting IT
systems and
platforms

Collaborative
processes,
connectivity and data



Disruption Information Interface for multimodal transport

Developed by :



Project by :



Funded by the
European Union

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Operational fields

Technologies

Solutions



DISRUPTION INFORMATION INTERFACE FOR MULTIMODAL TRANSPORT

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Solution description

This tool is designed to collect and disseminate information about transport disruptions across three modes: road, rail, and sea.

It serves as an integration layer between various data sources and other transport management tools.



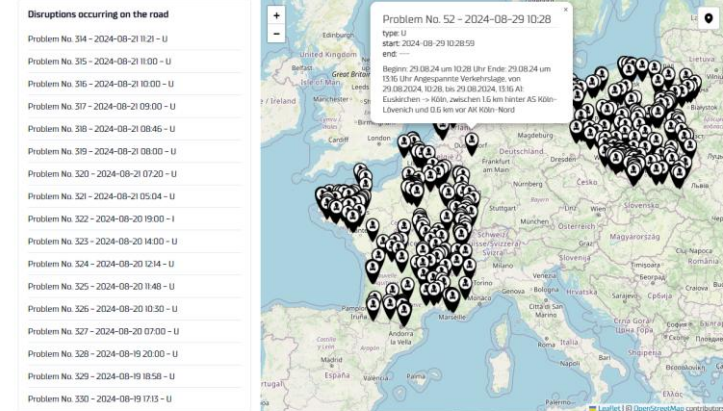
Benefits

- **Data Collection:** Gathers real-time disruption information from government APIs and industry platforms used by partners, via both active scraping and passive API submission.
- **Infrastructure & Storage:** Built with Python 3.11, Docker, PostgreSQL with PostGIS, and Elasticsearch for scalable deployment and robust data logging.
- **Disruption Insights:** Delivers detailed reports including location, timing, impact type, affected infrastructure, and predictive insights (e.g., estimated disruption end time via AI-based Survival Analysis).

Main beneficiaries:

Carriers, LSPs, Infrastructure managers, Public Authorities

SARIL



Technology readiness level : 6
Implementation stage : *Pilot*

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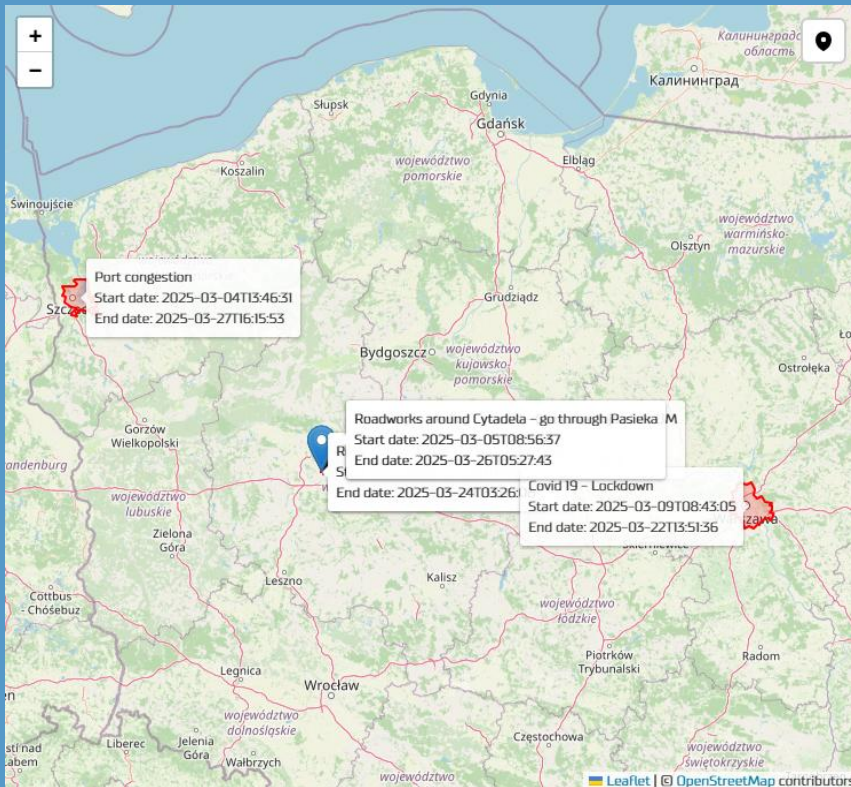
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Share your contact
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Would you like to know more?
Take contact :



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