

Urban logistics /
Last mile

Collaborative
processes,
connectivity and data

Urban Freight Data Space

Developed by :

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AKKODIS

umec

Project by :



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Operational fields

Technologies

Solutions



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Solution description

URBAN FREIGHT DATA SPACE

The Urban Freight Data Space (UFDS) is an innovative **data-sharing ecosystem** designed to revolutionize urban logistics by enabling secure, standardized, and collaborative data exchange between various stakeholders.

It promotes data sovereignty, ensuring participants maintain control over their data while benefiting from shared insights. UFDS provides a scalable platform for integrating city-owned and private datasets, enhancing collaboration and operational efficiency in urban freight logistics.

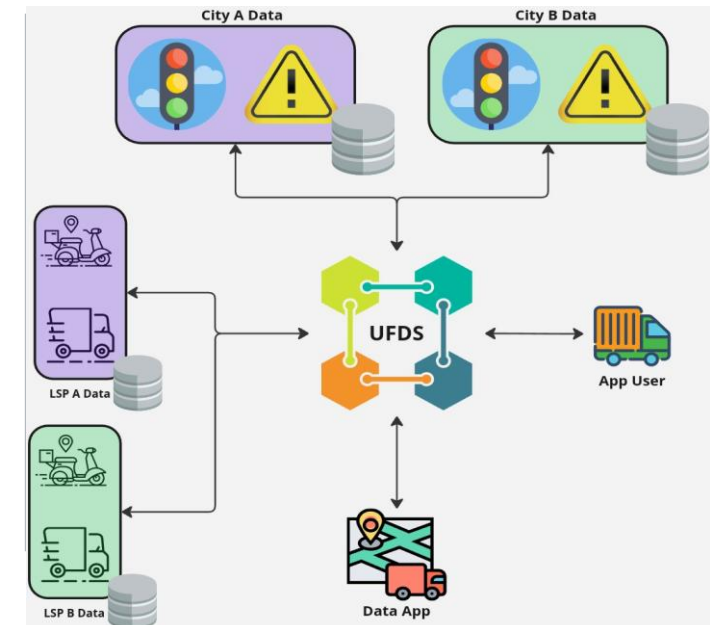


Benefits

- **Collaboration & efficiency:** Connects stakeholders (transport operators, city planners, retailers) for seamless, optimized logistics.
- **Data sovereignty:** Retains data control while enabling shared insights.
- **Standardization & interoperability:** Provides a framework for seamless integration of various data sources and standards, promoting unified operations.
- **Future-proof platform:** Ready for private data integration.

Target Audience & Stakeholders:

- **Beneficiaries:** Transport operators, city planners, retailers, delivery services, municipalities.
- **Data Providers:** City-owned sources (Ghent, Thessaloniki), future private data owners.
- **Users:** Application developers, analysts, logistics companies, city authorities, researchers.



Technology readiness level : **TRL 6-7**
Implementation stage : **PILOT**

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Freight Data Space



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