



LogE-Hub

Brage - Our actions to implement EGUM recommendations

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Braga

is a city of huge beauty and heritage richness, which combines tradition with innovation, the memory to the youth, creativity to conservatism.

- Limited space
- Increased pressure on urban logistics
- Enhanced safety and transition to smaller freight vehicles



Recommendation from EGUM:

- Action R2.1: Local authorities (and other government bodies) to set up KPIs and evaluation frameworks for setting up and operating micro-hubs in residential areas
- Action R2.2: A harmonised approach to set up KPIs and evaluation frameworks for micro-hubs at national level
- Action R2.3: Digitalise assets that can be used for micro-hubs
- Action R2.4: Ensure pick-up points and micro-hubs be accessed by residents within 15 minutes

(City) challenge to be addressed

- Traffic congestion
- Sustainable logistic
- Strategic urban planning
- Decarbonisation

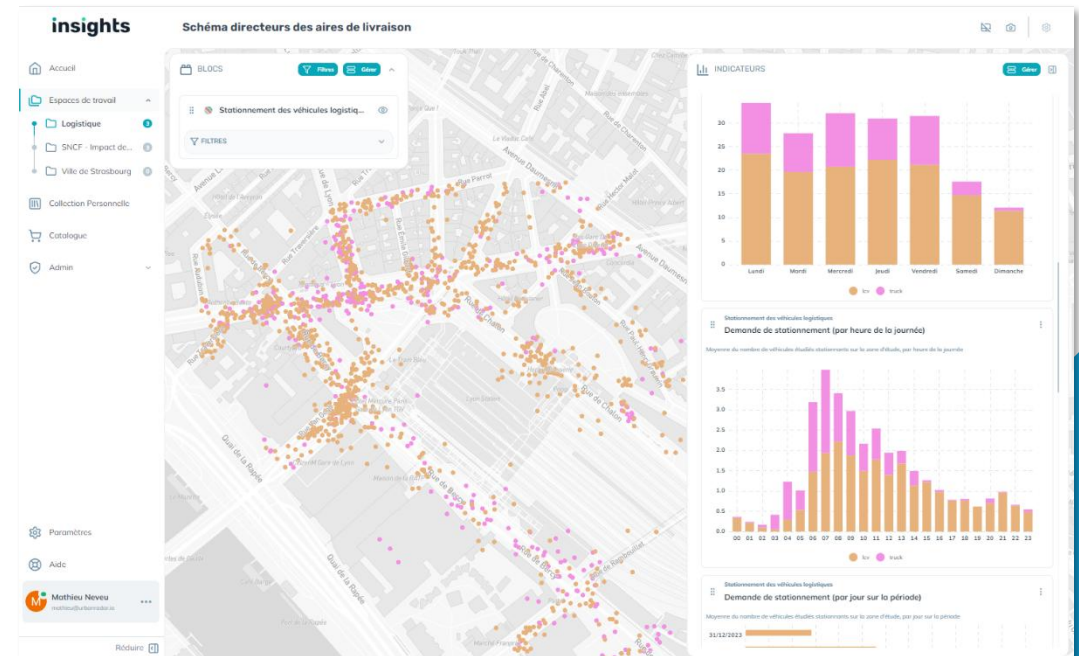
Solution to be developed as part of the project

- Data driven decision making platform for territorial logistics efficiency

Expected outcome by the end of the project

- Data visualisation platform to optimize urban logistics hub location and consolidated logistics operations.

- **Multi-Source Data Integration:** Combines historical, static, and dynamic data for comprehensive analysis.
- **Integrated Dashboard:** Provides a dashboard for exploring specific analytics and metrics.
- **Map-Based Data Visualisation:** Offers clear map views for easy interpretation of spatial data.
- **Advanced Filtering System:** Uses custom filters for targeted and precise data analysis.



Digital decision-making platform thought data aggregation, maps and dashboards

Project expectation

- Braga will deploy and test LogE-Hubs to optimize urban logistics, focusing on distribution centres, delivery zones, and loading points.
- Key metrics include engaging 20 logistics operators, targeting key urban logistics zones (mainly the historical city centre), and piloting for 6 months.
- Success indicators are a 10% reduction in Vehicle Kilometres Travelled (VKT), a 15% improvement in delivery efficiency, and a 20% decrease in logistics-related CO2 emissions.
- Insights and data from the Braga demonstration will serve as a blueprint for future implementations, enabling other municipalities to replicate the LogE-Hubs system. Braga's full commitment aligns with its Strategic Urban Mobility Plan (SUMP) and the "Digital Neighborhoods" initiative under the Portuguese Recovery and Resilience Plan (PRR), highlighting its dedication to improving air quality, and fostering sustainable mobility solutions. Braga will showcase the scalability and transferability of the LogE-Hubs platform.

Thank you !

More information:

<https://www.etp-logistics.eu/logE-hub/>