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SPOTLOG

SPOTLOG presentation



Last update on: **01 September 2024**

SPOTLOG objective

How to implement efficient and sustainable logistics systems?

Taking the advantage of different perspectives through the stakeholders and partners present in the project, **SPOTLOG** addresses specific Policy Instruments creating socially responsible logistics systems, based wherever possible on zero-carbon modes; and promoting the importance of a cultural change arose with a proper education to green transformation.



Mar 2023

May 2027

1.95
EU Funding

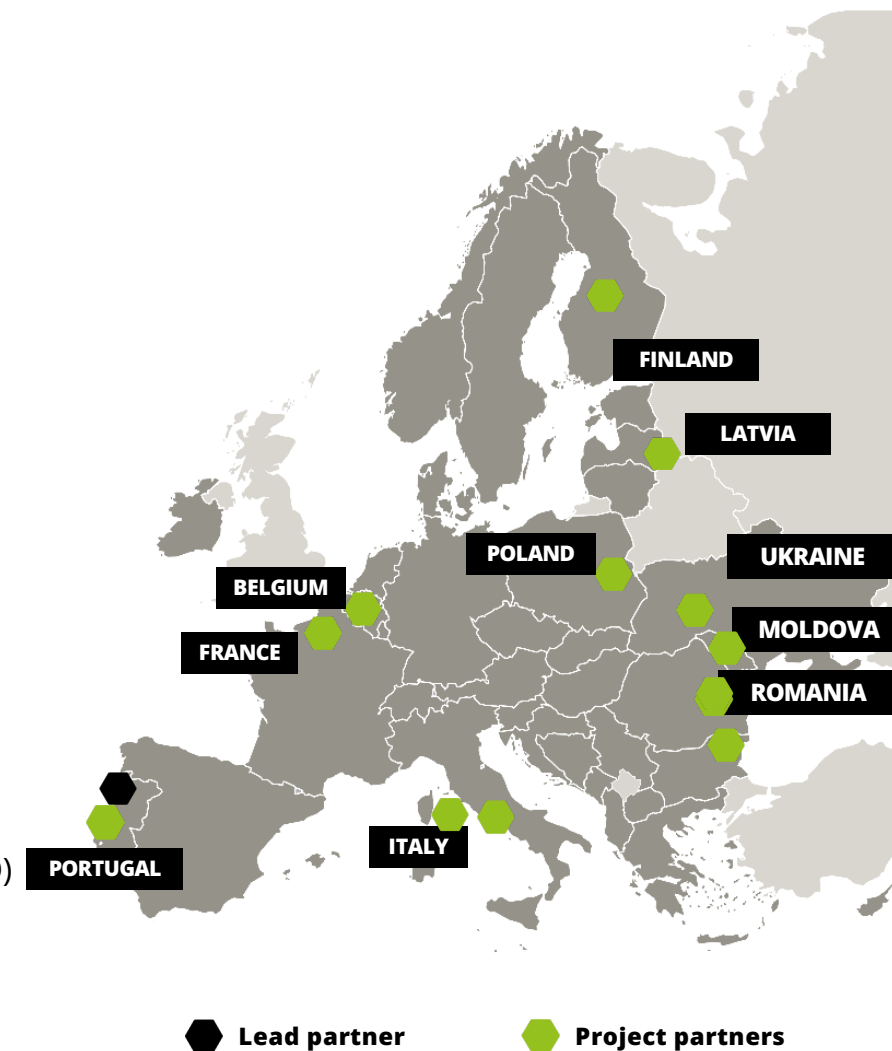


www.interregeurope.eu/spotlog

SPOTLOG partnership

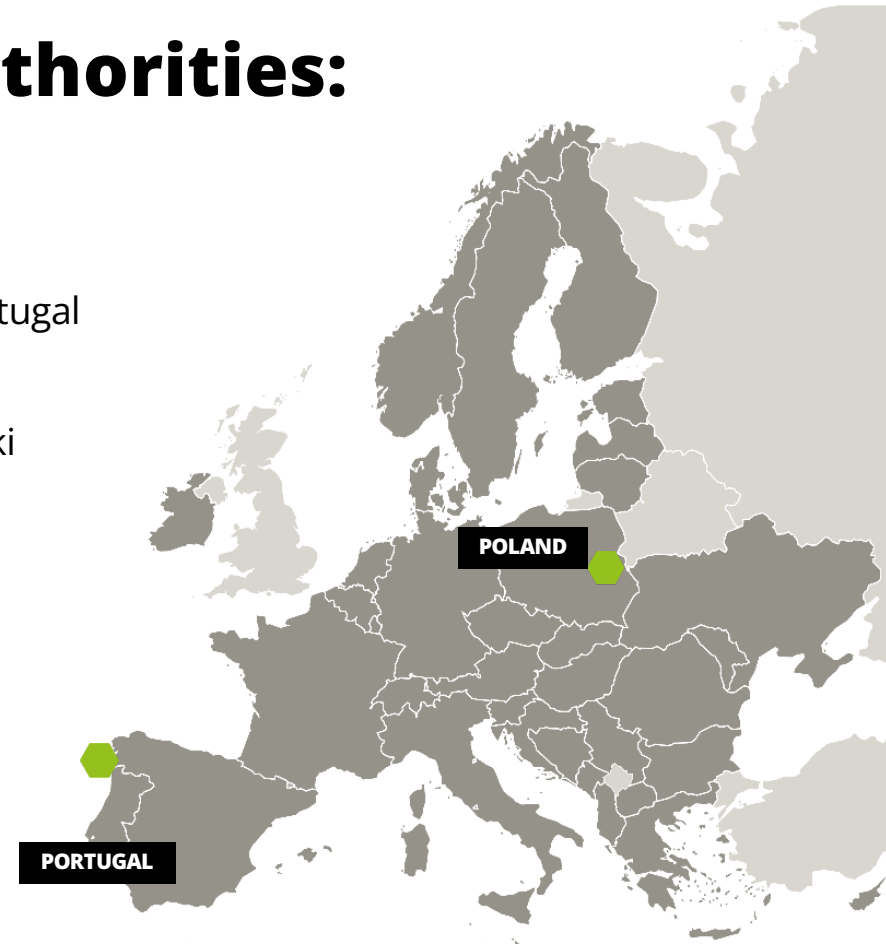
13 project partners from 10 regions working together:

- **Regional University of Aveiro (PT) - Lead Partner**
- Fundão Municipality (PT)
- TTS Italia (IT)
- Smart Cities of Romania Cluster (RO)
- Tampere University of Applied Sciences (FI)
- Mazovia Energy Agency (MAE) (PL)
- Municipality of Rimini (IT)
- Vidzeme Planning Region (LV)
- Constanta Metropolitan Area Intercommunity Development Association (RO)
- City of Mechelen (BE)
- Lille Municipality (FR)
- Ialoveni City Hall (MD)
- Municipal Institution City Institute Lviv (UA)



SPOTLOG Associated Policy Authorities:

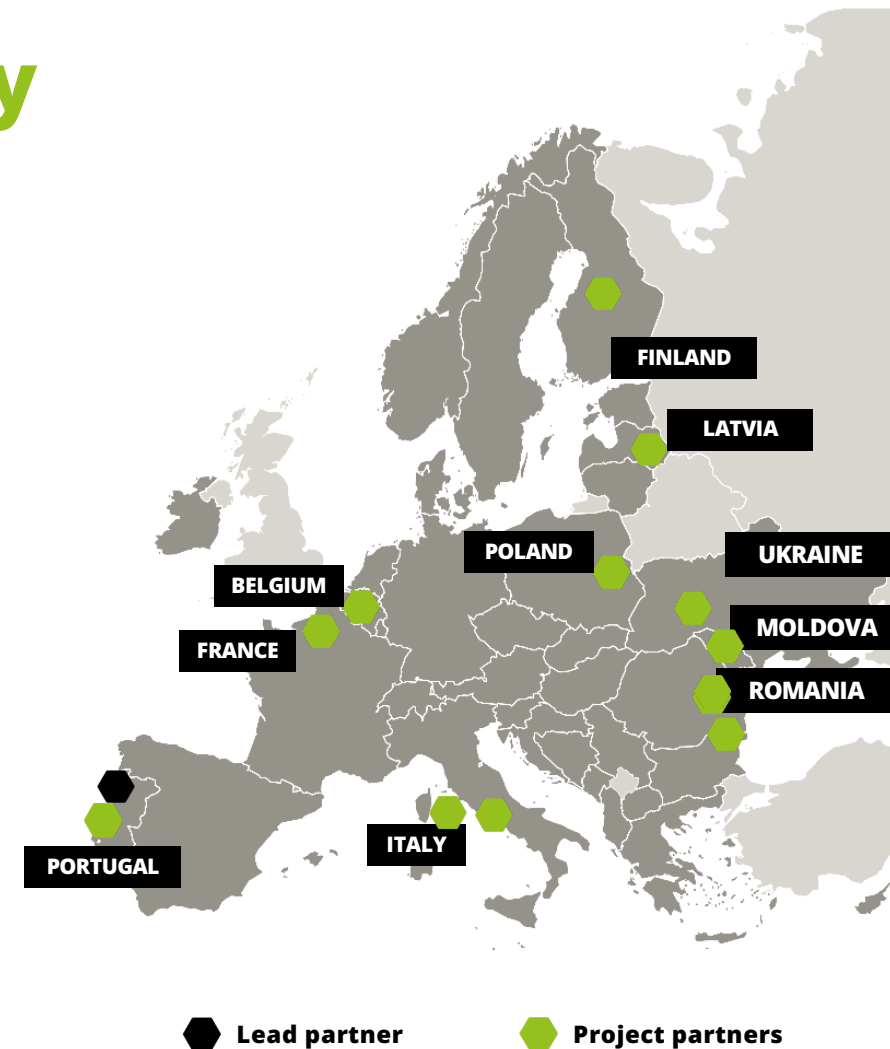
- Centro Regional Coordination and Development Commission - Portugal
Centro (PT)
- Marshal's Office of the Mazovian Voivodeship - Poland - Warszawski
stołeczny (PL)



 Associated partners

SPOTLOG addressing 7 Policy Instruments

- Operational Programme Centro 2030
- Sustainable Urban Mobility Plan - Municipality of Rimini
Sustainable Urban Mobility Plan for Constanta
- National Growth Pole – Constanta Metropolitan Area
- Mazovian Voivodeship Regional Operating Programme
- 2021-2027 – Urban Mobility in Mazovia
- Vidzeme Planning Region Development Programme
2022-2027 Mechelen Mobility Plan (SUMP) and the covenant for sustainable urban logistics
- Lille Sustainable Last-Kilometer Urban Logistics Action Plan



SPOTLOG key outputs



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30%
of initially
planned



40%
of initially
planned

Rimini pilot action



Thanks to the Interreg Europe project SPOTLOG, the Municipality of Rimini is building a micro-consolidation hub for the storage of goods and their last-mile delivery by cargo bikes and lightweight e-vehicles, inspired by an established practice in the city of Mechelen, Belgium.

Rimini is testing the hub's viability in a easily accessible area of the city. The aim is to identify the optimum location for the micro-consolidation hub and re-design the whole supply chain and logistics network to accommodate deliveries by sustainable modes.

End of June 2024, the Municipality of Rimini published the tender to collect cycle logistic operators interest in implementing the pilot action. 4 operators showed interest. At the moment, the Municipality of Rimini is working on the technical aspects and specifications that operators will have to elaborate in their offers. The activity is planned to start early 2025.

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Policy highlights in Rimini - Italy - 1



Policy highlights

Collaborative and Socially
Responsible Last-Mile Logistics

The Incentivizing Green Transformation in Last-Mile Delivery: A combination of regulatory measures, financial incentives, and public awareness campaigns is necessary to accelerate the adoption of green technologies and practices in last-mile delivery. This includes promoting the use of cargo bikes, electric vehicles, and other low-emission modes of transportation.

Integrating Sustainable Last- Mile Logistics into Urban Planning: Urban planning plays a crucial role in facilitating efficient and environmentally friendly last-mile deliveries. By incorporating considerations such as delivery hubs, designated loading zones, and pedestrian-bike friendly cities can create a more sustainable and liveable environment.



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Policy highlights in Rimini - Italy - 2



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Policy highlights

Collaborative and Socially
Responsible Last-Mile Logistics

Fostering Public Awareness and Education on Sustainable Last-Mile Logistics: Raising public awareness about the benefits of sustainable last-mile delivery and the available options is essential for driving behavioural change. Gamification, Educational campaigns, targeted communication, and user-friendly platforms can help individuals and businesses make informed choices that contribute to a greener future.

Measuring the Impact of Sustainable Last-Mile Logistics Initiatives: A robust evaluation framework is crucial to assess the effectiveness of last-mile logistics policies and projects. By tracking key indicators related to environmental impact, social equity, and economic efficiency, policymakers can make data-driven decisions and optimize future initiatives.

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Policy highlights in Warsaw - Poland

Policy highlights

The Last Mile Challenge:
Achieving Sustainability
Through Innovation

Enhancing the sustainability of last-mile deliveries: by modernizing the approach, increasing convenience, and making it more accessible for everyday users is important to make innovations socially approved

Zero-emission solutions in last-mile delivery: To speed up the adaptation of zero-emission technologies and practices in green last-mile delivery, it's essential to implement a mix of regulatory actions, financial incentives, and public awareness campaigns. This involves encouraging the use of bikes, electric vehicles, and other low-emission transportation options.

Incorporating Eco-Friendly Last-Mile Logistics into Urban Development: Urban development is key to enabling efficient and green last-mile deliveries. By integrating elements like delivery hubs, dedicated loading areas, and infrastructure that supports pedestrians and cyclists, cities can foster a more sustainable and livable environment.

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Policy highlights in Constanta – Romania - 1

Policy highlights

The Future of Urban Logistics:

Optimising Interfaces and
Leveraging Smart Technologies

Universal Swappable Battery: A game-changing solution for promoting low-carbon urban transportation and alleviating range anxiety in electric delivery vehicles, with the potential for seamless integration with the needs of delivery companies operating in a variety of environments.

Smart Tool Platform for Urban Logistics: A comprehensive platform that uses AI and data-driven insights to optimise logistics networks and improve communication across the supply chain, with the potential to integrate with other digital platforms for comprehensive city logistics management.

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Policy highlights in Constanta - Romania - 2

Policy highlights

The Future of Urban Logistics:

Optimising Interfaces and
Leveraging Smart Technologies

15min City Concept: A framework for developing sustainable urban environments in which essential services and amenities are easily accessible within a short distance, reducing the need for long commutes and transportation, and reflecting the experiences of last-mile delivery companies in low-density areas.

Real-world Examples: Xicos, Vidzeme Planning Region (in collaboration with the University of Riga), and Rimini Municipality presented successful implementations of sustainable urban logistics practices, emphasising their potential for replication and adaptation in other contexts.

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SPOTLOG benefits regions



“Overall, the 4th Main Interregional Exchange of Experience Event in Constanta was an important moment towards policy improvement, demonstrating the challenges but also some inspiring opportunities behind the urban logistics ecosystem and exploring the potential for collaboration and innovation among diverse stakeholders to achieve a more sustainable and efficient future for urban freight transport.”

Constanta Metropolitan Area Intercommunity Development Association
Romania

Learn more about SPOTLOG

Key links

- **Project website**

www.interregeurope.eu/spotlog

- **Project videos**

Introduction: <https://www.youtube.com/watch?v=PVHewc-1BRM&t=5s>



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This project is implemented in the framework of the **Interreg Europe** programme and co-financed by the **European Union**.

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