



Senator

Smart network operator platform enabling shared, integrated and more sustainable urban freight logistics

Final Project Event

Format: Online event

Date: February 26th, 2025 | 10:30 AM – 12:30 PM



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 861540

Senator Project: Final Event

SENATOR's Impact: Building the Foundations of Smarter Logistics

Event Outline

Context

Join us for the final event of the **Senator Project**, an initiative funded by the European Union under the Horizon 2020 program, within the framework of “Societal Challenges - Smart, Green, and Integrated Transport.” Running since 2020, the project focuses on developing logistics solutions that address the challenges of the 'on-demand economy,' while supporting shared, connected, and low-emission logistics systems.

The increasing demand for urban, metropolitan, and peri-urban logistics solutions has highlighted the need for effective strategies that balance competing interests from private stakeholders and public policymakers. Research has played a pivotal role in developing actionable, cost-effective, and technology-driven solutions that support the transition towards emission-free urban logistics by 2030, in alignment with EU sustainability goals.

Senator has aimed to deliver practical insights, tested solutions, and new collaboration models that bridge the gap between logistics providers, shippers, and urban/regional policymakers. These efforts are designed to contribute directly to the preparation and implementation of Sustainable Urban Logistics Plans (SULPs) and Sustainable Urban Mobility Plans (SUMPs), leveraging tools such as big data analytics and real-time traffic management to create smarter, greener cities.

Objectives

This event marks the culmination of the Senator Project and offers an opportunity to present its key findings, innovative approaches and solutions, and practical outcomes. Specifically, the event will focus on:

- **Showcasing the design and development of the Senator ICT Platform**, which integrates data-driven decision-making for urban logistics optimization.
- **Presenting the results from pilot programs and simulations conducted in Urban Living Labs**, including lessons learned and scalability potential.
- **Highlighting recommendations for policymakers and logistics stakeholders** to foster collaborative, emission-free, and efficient logistics ecosystems.

Whether you are a policymaker, logistics provider, urban planner, or academic, this session offers valuable insights into the future of urban logistics and mobility.

Agenda

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Welcome and Opening Remarks (10:30 –10:45)

Duration: 10-15 minutes | **Speaker:** Ángela Núñez (Correos).

- Introduction to the event and the SENATOR Project: vision, objectives, and impact.

Innovating Logistics: The Senator ICT Platform (10:45–11:00)

Duration: 15 minutes | **Speakers:** Pili Elejoste (Univ. of Deusto), Miguel Fernández (Dotgis)

- Presentation and overview of the Senator Control Tower & App, its data-driven approach to optimizing urban logistics, main services and key features.

Insights from Urban Living Labs (11:00–11:40)

- Key findings, challenges, and opportunities identified in real-world pilot & simulation tests.
- Lessons learned and scalability potential of Urban Living Lab initiatives.

Dublin ULL Case Study. Duration: 15 minutes | **Speakers:** Philip Colgan (An Post), Payal Pandya (Dublin City Council).

Zaragoza ULL Case Study. Duration: 15 minutes | **Speakers:** Carlos López (Zaragoza City Council), Ángela Núñez (Correos)

Stakeholder Engagement in ULLs. Lessons learned and best practices in fostering collaboration. **Duration:** 10 minutes | **Speakers:** Nahikari Diosdado, Silvia Agrafo (Zabala Innovation).

Beyond Senator: Exploitation of Results and Future Steps (11:40–11:55)

Duration: 15 minutes | **Speaker:** Chris Rowland (MDS Transmodal)

- Practical applications, scaling solutions, and industry impact.

Closing Remarks and Key Takeaways (12:00 – 12:10)

Duration: 10 minutes | **Speaker:** Ángela Núñez (Correos)

- Summary of key insights and achievements from the event.
- Actionable insights for policymakers and industry leaders.

Open Discussion / Q&A (12:10 – 12:30)

Duration: 15 minutes | **Moderator:** Mariano Echávarri

Approximate total duration: 1.40h – 2h