



# Preparing the Horizon Europe work programme 2023-2024

BOOSTLOG online workshop on identified priorities for R&I in logistics

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This is a draft document includes topics recommendations by ALICE for the first calls within [Horizon Europe Programme](#). These recommendations are based on [ALICE Research & Innovation Roadmaps](#) and discussions with ALICE members and stakeholders (December 11<sup>th</sup> 2019 round table discussions + Vienna workshop 13<sup>th</sup> February 2020) and with the European Commission services

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- Autonomous operations in **logistics nodes** ..... 2
- Building supply chain and European logistics network **resiliency**..... 5
- Driving supply chain and logistics decarbonisation: from closed logistics networks to a **system of logistics networks building the Physical Internet** ..... 7
- Driving logistics offer and customers demand to green choices (through environmental impact visibility) ..... 10
- Exploitation of big, heterogeneous transport data to support automated decision making in Physical Internet..... 11
- Long Distance Freight Transport / Logistic Systems Integration and Harmonization..... 13
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  - Developing **new solutions** for logistics **consolidation** and **space management** in cities. .... 14
  - Identification, development and take up of best practices for urban logistics decarbonization, air quality impact reduction..... 14
  - **Data empowering cities** for policy implementation and decision making in urban logistics..... 15
  - Governance and regulation as an enabling element for an effective and large-scale deployment of innovative and sustainable solutions15
  - Urban freight GHG data transparency and access for informed decision-making by cities and companies..... 15

## Multimodal and sustainable transport systems for passengers and goods

- HORIZON-CL5-2021-D6-01-07: More efficient and effective multimodal freight transport **nodes** to increase flexibility, service visibility and reduce the average cost of freight transport
- HORIZON-CL5-2021-D6-01-08: **New delivery methods** and business/operating models to green the **last mile** and optimise road transport
- HORIZON-CL5-2022-D6-02-01: **Logistics networks integration** and harmonisation through operational connectivity to optimise freight flows and drive logistics to climate neutrality
- HORIZON-CL5-2022-D6-02-02: Urban logistics and **planning**: anticipating urban freight generation and demand including **digitalisation** of urban freight
- HORIZON-CL5-2022-D6-02-03: Smart enforcement for resilient, sustainable and more efficient transport operations
- HORIZON-CL5-2022-D6-02-04: Accelerating the deployment of new and shared mobility services for the next decade
- HORIZON-CL5-2022-D6-02-05: Advanced multimodal network and traffic management for seamless door-to-door mobility of passengers and freight transport
- HORIZON-CL5-2022-D6-02-07: New concepts and approaches for **resilient** and green freight transport and logistics networks against disruptive events (including pandemics)

- 1 What we did to draft the WP 2021-2022**
- 2 What is happening on the WP 2023-2024**
- 3 What can we do to design the new WP**

# 1 What we did to draft the WP 2021-2022

WP topics that correspond to the identified research priority needs



Regular exchange with ALICE and other stakeholders

Union's policy priorities

# 2 HE WP 2023-2024 drafting process



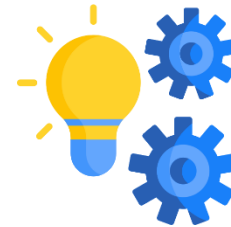
# 3 What can we do to design the new WP



Provide inputs



Set priorities



Be realistic in  
your  
expectations

# Thank you

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