

*Waiting for
other
participants
to join... 😊*

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- The **session will be recorded** in case you or other members wish to have a look afterwards. A link to the recorded webinar and pdf presentation will be shared with participants in the Knowledge Platform: [CL5-2022-D6-02-01: Logistics networks integration and harmonisation through operational connectivity to optimise freight flows and drive logistics to climate neutrality](#)
- Please, **keep your microphone muted when the meeting starts and your cameras off if you are not speaking**. You can introduce yourself when entering the meeting so you do a test (i.e. everybody can hear you) 😊
- You may **use GoToMeeting chat to share thoughts, questions, suggestions or relevant information** on the subject (either in public or in private)

You may ask any question on these rules before the start!

CL5-2022-D6-02-01: Logistics networks integration and harmonisation through operational connectivity to optimise freight flows and drive logistics to climate neutrality

14:00 – 14:05 **Welcome and connection**

14:05 – 14:20 **Introduction to the brokerage tools and topic**

14:20 – 15:15 **ALICE members interest in the call and expertise to be brought into a consortium**

15:15 – 15:30 **Feedback, next brokerage topic and Horizon Europe WP 2023-2024**



CL5-2022-D6-02-01: Logistics networks integration and harmonisation through operational connectivity to optimise freight flows and drive logistics to climate neutrality

- **Difficult to replace F2F meetings.** Things hopefully improve in the following weeks and hopefully we have F2F meeting(s) before summer.
- We are testing how to connect ALICE members and support participation in projects:
 - ALICE brokerage platform:
 - [ALICE members interested in this topic call in the brokerage platform](#)
 - [Topic area in the Knowledge Platform](#) (enrolment key: **ALICE2022**).
 - [ALICE members Horizon Europe Group](#) (enrolment key: **ALICE2022**).
 - Overview of Horizon Europe Programme and funding opportunities



- Joining consortiums in preparation:
 - Users requirements and validation
 - Creation of stakeholders forums
 - Supporting dissemination/communication and outreach
- Linking to companies/organizations that could bring use cases to your consortium (even if ALICE is not expected as partner)
- Supporting your project through the programme of liaison with projects



SENSE - Accelerating the Path Towards Physical Internet project. SENSE has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 769967. The workshop is supported by the Horizon 2020 projects referred below



This is a draft document including 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 11th 2019 round table discussions + Vienna workshop 13th February 2020) and with the European Commission services in several iterations to ensure that there is common and agreed understanding on stakeholders priorities for logistics R&I on Horizon Europe

Version 6th July 2020

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BUILDING SUPPLY CHAIN AND EUROPEAN LOGISTICS NETWORK RESILIENCE 4

DRIVING SUPPLY CHAIN AND LOGISTICS DECARBONISATION: FROM CLOSED LOGISTICS NETWORKS TO A SYSTEM OF LOGISTICS NETWORKS BUILDING THE PHYSICAL INTERNET 6

DRIVING LOGISTICS OFFER AND CUSTOMERS DEMAND TO GREEN CHOICES (THROUGH ENVIRONMENTAL IMPACT VISIBILITY) 9

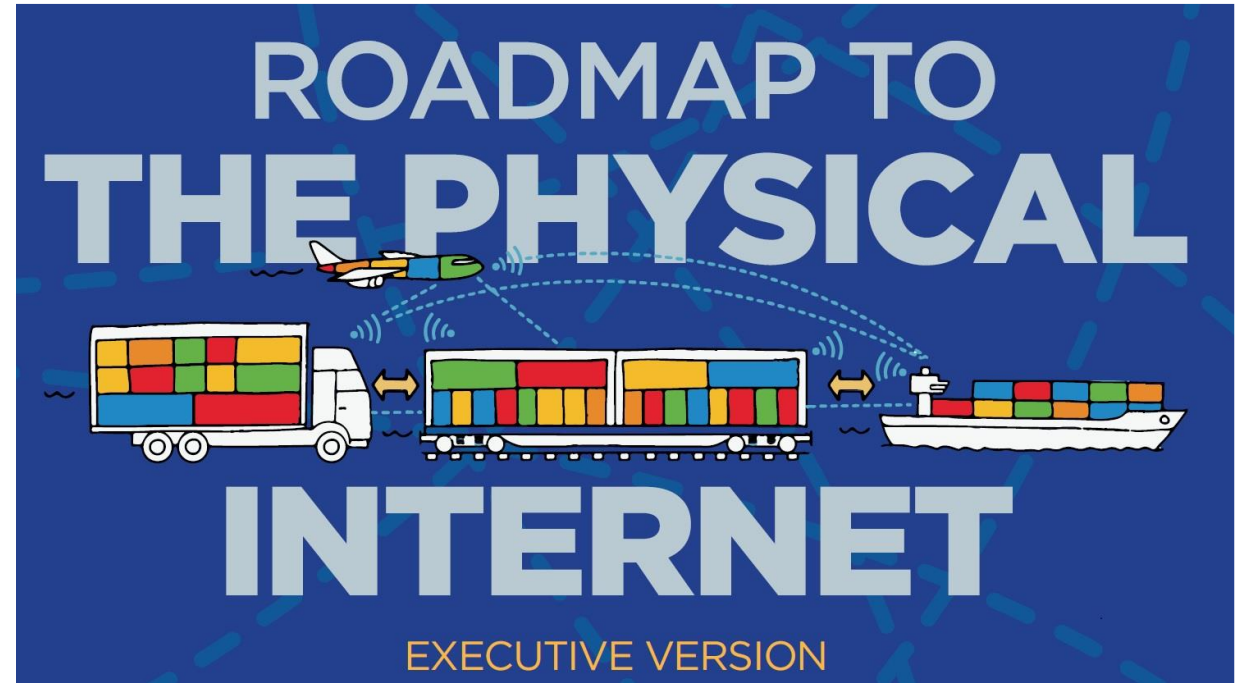
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Turn editing on

10 ENROLLED
FOLLOWERS

Brief information on the Funding Opportunity

Program: Horizon Europe | Cluster 5 "Climate, Energy and Mobility".

Geographical coverage: Horizon Europe programme regular coverage.

Available contribution: The total indicative budget for the topic is 15M€, contribution between EUR 7.00 and 8,00 million per project.

Type of Action: Innovation Action.

Deadline: September 6th, 2022

TRL level: 6-7

For more information on meanings of TRL, Type of Project and General Rules, please refer to the General Annexes of the Work Programme: [Link to the General Annexes of the Work Programme](#)



[Link to the topic call portal](#)

Follow this [link](#) and use the enrolment key: **ALICE2022**



- [An Post](#)
- [CARA, European Cluster for Mobility Solutions](#)
- [Instituto Tecnológico del Embalaje, Transporte y Logística \(ITENE\)](#)
- [Last Mile Team](#)
- LRA - AIT Austrian Institute of Technology
- [NTTDATA](#)
- [Rulex Innovation Labs](#)
- Sabanci University - [Smart Mobility and Logistics Lab](#)
- [TNO](#)
- [VIL](#)
- [VITO/MooV](#)

How it works?

- 3-4 min. Max presentation
- You may ask questions in the chat in private or in public, you may interact through the chat
- You may ask for a meeting in the brokerage tool (you need to be logged in)



Organisation Type: Postal service provider, logistics, ecommerce and financial service provider (<https://www.anpost.com/>).

Country: Ireland

Brief description of the Organization:*

An Post is Ireland's national postal operator serving 2.2 million addresses every working day and more than 1.7 million post office customers every week. Our company is structured in to two world-class businesses; An Post Mails and Parcels and An Post Retail.

An Post Mails and Parcels is responsible for delivering the highest quality postal service to every home and business in Ireland, whilst simultaneously growing our national and international eCommerce parcels, logistics and mail marketing businesses. Through An Post Retail we manage more cash than any other organisation in Ireland. We are always diversifying and evolving our financial and retail services whilst continuing to provide trusted access to government services both online and in person.

Describe which aspects of the call topic you would like to contribute to and how. Include the skills and competences making you suitable for that:*

An Post has experience in European Projects through our participation in project SENATOR. As part of SENATOR An Post is responsible for the creation of an Urban Consolidation Centre which will consolidate parcels and packets from all logistics providers delivering in to Dublin city centre. We believe the skills and learnings from this are very relevant to this call and therefore, we would be an asset to a consortium.

An Post positions sustainability at the core of strategic decision making. We have ambitious carbon emission reduction targets, we aim to reduce emissions by 50% by 2025 and achieve net zero by 2030. We have delivery units and offices in every major city and town in Ireland, we have a vehicle fleet of over 4000 vehicles, of that over 1000 electric vehicles. We have Ireland's largest electric fleet and largest private charging network.

Previous experience in EU/other Related Projects and references:*

An Post are consortium members of SENATOR, a Horizon 2020 funded project <https://www.senatorproject.eu/>. The project will develop a smart network operator, as a control tower supported on an ICT Platform that will work as a support tool for decision making, integration and planning of all logistics operations. In order to test its effectiveness, SENATOR will be validated in two Urban Living Labs: Zaragoza (Spain) and Dublin (Ireland). An Post's main task in the project is to develop, run and validate Dublin's Urban Living Lab.

CONTACT

Contact Person name*: Aoife O'Connor

Telephone: +353 87 100 2613

Email*: Aoife.O'Connor@anpost.ie

(please note that apostrophe in email must be included, alternate email John.Smith@anpost.ie).

Organisation name	CARA, European Cluster for Mobility Cluster
Interest in the call and expertise to be brought into a consortium	<p><u>Interest:</u> <i>Urban space / Road transport Connected, cooperative and automated mobility (CCAM) + multimodal transport system + logistics</i></p> <p><u>Contributions:</u> <i><u>Stakeholders engagement:</u> Acting as the interface for other WPs in gathering input from internal and external stakeholders. Define needs according to the objective of the WPs, conduct survey that will be defined by each WP, disseminate to the specific stakeholders in view of the objectives that have to be achieved. Conduct detailed analysis to reach respective objectives. 1) Online surveys and interviews: CARA with +250 local members (OEMs, TIER-x, Universities, Research centres) will foster engagement with logistic industry and collect inputs/feedbacks from our local/regional ecosystem but also our European partners. 2) Co-creation workshops based on the needs of the project: offering social dynamic face-to-face interactions which will add enormous value to consultation processes. Creative facilitator methodology: 1) Inspire [your collaborators], 2) Clear the way [of your issues], 3) Pollinate [your ideas], 4) Germinate [your solutions].</i></p> <p><i><u>Communication and dissemination activities:</u> Organise conferences, booth to present and discuss the project with the scientific community as well as with transport and logistic operators. 1) SITL 2024 – Transport & Logistics Innovation Week, Paris, France: 800 exhibitors, 200 conferences, 30 000 participants, 8 sectors. https://www.sitl.eu/en-qb.html 2) SOLUTRANS 2025 – Heavy and light commercial vehicles: 900 exhibitors, 150 conferences, 55 participants. https://www.solutrans.eu/</i></p>
Contact details	Jean-Batiste HAHN, Head of European Affairs : jean-baptiste.hahn@cara.eu

ITENE	
Interest in the call and expertise to be brought into a consortium	<p>From ITENE we are interested in participating in this topic by collaborating in proposals, providing our expertise in EU funded programs (+70) and logistics solutions:</p> <ul style="list-style-type: none">- Design of logistics networks to optimise the use of resources and assets shared by different carriers.- Definition of new business models to exploit the new logistics networks.- Identification of barriers and drivers for the application of collaborative logistics.- Eco-labelling of logistics operations and necessary technology development (blockchain, IoT, etc) to measure and foster decarbonisation through shared logistics.- Regulatory analysis and standards development/implementation.- Social innovation by fostering women participation in logistics operations.- Connectivity solutions and demonstrators to apply the collaborative logistics.
Contact details	Luis Viguer → luis.viguer@itene.com

Organisation name	Last Mile Team
Interest in the call and expertise to be brought into a consortium	<p>An Artificial Intelligence-driven, tech-intensive, innovative-accredited Spanish startup that develops inclusive digital solutions to bolster goods road transport sustainability, efficiency and resilience.</p> <p>Partners in H2020 Research and Innovation Action “LEAD”, to design Digital Twins of urban logistics in six European cities and perform route optimization and sustainability assessment in Madrid.</p> <p>Our framework effectively connects independent logistics networks, shares and optimizes assets overcoming operational inefficiencies and negative externalities. Some of its recognitions:</p> <ul style="list-style-type: none">• Best Startup, winner of the Mobility Challenge at #innovateagainststhevirus 2020• European Institute of Innovation and Technology “Portfolio Company”• Winner of the Spanish National Mobility Award 2021 in the Product category• Case Study of sustainability and social responsibility good practices in the European logistics and transport sector, selected by the European Innovation Council and SMEs Executive Agency.• Winner of the European ENTRANCE Open Challenge 2021
Contact details	abatalla@lastmile.team +34 629 179 771 https://lastmile.team/agenda

Organisation name	AIT Austrian Institute of Technology
Interest in the call and expertise to be brought into a consortium	<p>Expertise in</p> <ul style="list-style-type: none">• Logistics concepts developments, evaluation, assessment<ul style="list-style-type: none">• Esp. horizontal collaboration, white-label logistics• Integration of automated mobility• Integration of freight and passenger mobility• Transport optimization• Integration with energy sector<ul style="list-style-type: none">• Energy market• Flexibilities (on energy market) induced by mobility• Interoperability and influences of mobility and energy• Energy communities• Production, storage, transport of hydrogen• Charging station location planning
Contact details	Matthias Prandtstetter, matthias.prandtstetter@ait.ac.at

Organisation name	NTTDATA
Interest in the call and expertise to be brought into a consortium	<ul style="list-style-type: none">✓ Experience in Horizon: We can participate in projects providing different knowledge and capacities. Blockchain and AI, IoT, semantics, data management, without forgetting our powerful contribution in exploitation and market outreach. Everything both as participant or coordinator.✓ Intelligent mobility: We offer solutions to increase mobility quality, service and efficiency in the urban environment by using Intelligent Traffic Systems (ITS) which allow circulation monitoring and control.✓ Last mile solutions: We have experience developing customised technological solutions for shipment traceability, delivery prediction systems, installation and management of automatic pick-up terminals and reduction of power usage.✓ Asset Management and Supply chain optimization: We can design and conceptualise analytical models, select and implement tools to visualise and manage assets globally, and even provide customised solutions with end-to-end capabilities to monitor and forecast assets' behaviour.✓ Traffic engineering: By means of traffic engineering and mobility solutions, we foster urban and interurban road efficiency, increasing their safety, optimising time and reducing traffic congestion.
Contact details	patricia.jimenez@nttdata.com

Organisation name	Rulex Innovation Labs
Interest in the call and expertise to be brought into a consortium	<p>Rulex works in the field of decision automation in logistics by means of advanced and proprietary AI techniques. Thanks to its technologies, Rulex is able to cover all the decision support pipeline, starting from data cleaning and going through demand forecast, replenishment, mitigation measures and transport optimization.</p> <p>In particular, Rulex developed a solution, named Axellerate, able to optimize the transportation planning of goods very quickly and efficiently. Thanks to this tool, it is possible to replan the transport in (almost) real time (some minutes needed to take a decision), according to the different needs and constraints (time needed for transports, availability of docks for unloading,...).</p> <p>Rulex aims at extending this solution to a multi-provider scenario, allowing to take the best decisions according to the changing situation. As a matter of fact, thanks to the flexibility of the Rulex solution, it is possible to integrate different sources of data (also from different providers) to find the most efficient (both from a cost and from an environmental footprint perspective) solution.</p>
Contact details	enrico.ferrari@rulex.ai

Organisation name	Sabanci University
Interest in the call and expertise to be brought into a consortium	<p>Smart Mobility and Logistics Lab (SML) in Sabanci University focuses on transport logistics and mobility planning including urban transport, first-mile, long-distance and last-mile pickup/delivery operations, electromobility, and sustainable logistics chains. With ~10 years of experience in developing optimization-based approaches, models, and solution methodologies to reduce the carbon footprint of logistics activities on road transportation networks, we can contribute in the following aspects of the project:</p> <ul style="list-style-type: none">- to provide a systematic approach to minimize the operational inefficiencies related to empty trips, vehicle utilization and route planning, peak demands, etc. by taking into account the external factors associated with environmental sustainability;- to model the collaborative logistics network to optimize the freight flows and develop methods to provide effective and efficient solutions;- to assess the proposed solutions in terms of financial costs as well as energy consumptions and greenhouse gas emissions;- to validate the benefits of the collaboration scheme in comparison to conventional independent logistics operations.
Contact details	Bülent Çatay: bulent.catay@sabanciuniv.edu

Organisation name	TNO
Motivation	<p>The climate goals can be achieved through technical decarbonization measures (e.g. electric vehicles) and helped by more efficient transport. The later is the topic we are interested in this call.</p> <p>In the past we carried out research on the potential to improve load factors through collaboration between carriers, as well as understanding about load factors of the Dutch carriers. This research has shown that <i>there is a potential in road transport of more than 20% carrier capacity matching</i>, this potential is even higher for some individual companies in an alliance with a potential to <i>realize costs savings of 45%</i>. The picture is shared by the companies we interviewed.</p> <p>We see a strong potential to decrease emissions and other externalities through pooling networks of several carriers. This call provides an opportunity to try, test and realize this vision in demonstrations / practice.</p>
Contact details	Igor.Davydenko@tno.nl

Organisation name	TNO
Interest in the call and expertise to be brought into a consortium	<p>Preliminary, TNO is interested in:</p> <ol style="list-style-type: none">1. Develop and demonstrate a robust and transparent <i>collaborative framework</i> with guiding principles to ensure operational connectivity of logistics networks. We will further develop and apply the matching factor, i.e. a quantitative assessment of complementarity of firms' networks in order to allow the to collaborate and reduce vehicle movements (kilometres driven) for a given amount of transport demand2. Demonstrate real world gains through such collaborations (pilots)3. Continue work on alleviation of identified bottlenecks. Previous involvement of statistics beures (i.e. Dutch statistics bureau CBS) has shown to help identify companies with strong matching potential4. Identify business models, and especially gain sharing mechanisms for the collaborating parties
Contact details	Igor.Davydenko@tno.nl

Organisation name	VIL
Interest in the call and expertise to be brought into a consortium	<p><u>Expertise:</u> <i>VIL = spearhead cluster organisation for innovation in logistics. Project management: Flemish and European funded projects. Facilitating network opportunities, knowledge transfer towards the industry,...</i></p> <p><u>Interests:</u></p> <ul style="list-style-type: none">- <i>Industry stakeholder inquiries for validating solutions and implementation potential</i>- <i>Mapping main barriers and opportunities</i>- <i>Coordination of use case(s) if the partners if the use case is relevant for the TEN-T corridors running through the Flemish region (Zeebrugge, Gent, Antwerp, Brussels, Genk,...).</i>- <i>Hosting dissemination activities towards the logistics ecosystem in Flanders, Belgium, including the organisation of dissemination events (at Log!Ville, demonstration center for logistics innovation www.logiville.be).</i>

VITO /MooV	https://moov.vito.be
Interest in the call and expertise to be brought into a consortium	<p>With MooV – our proprietary logistic network optimisation service – we offer flexible and customized logistic network design and optimisation. The MooV service is flexible and can be customized to meet specific client preferences and objectives</p> <p>The call text requires for - <i>Identify and demonstrate potential gains of these logistics networks / systems of logistics networks compared to independent logistics networks</i></p> <p>With our MooV service we have a track record in identifying impacts/gains between independent (non-cooperative individual) networks [AS IS scenario] vs. integrated (cooperative) networks [TO BE scenario].</p> <p>Impacts are described by means of KPI's (e.g. mileage, loading rate, CO2-impact, number of vehicle movements,...) which would allow to asses the gain of logistics network integration and compare gains between different network configurations. Networks are assessed and visualised in GIS-context.</p>
Contact details	<p>Contact Person name: Ruben Guisson Telephone: 0032475693475 Email: ruben.guison@vito.be</p>

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Next brokerage topic and Horizon Europe WP 2023-2024

- Next brokerage event will be

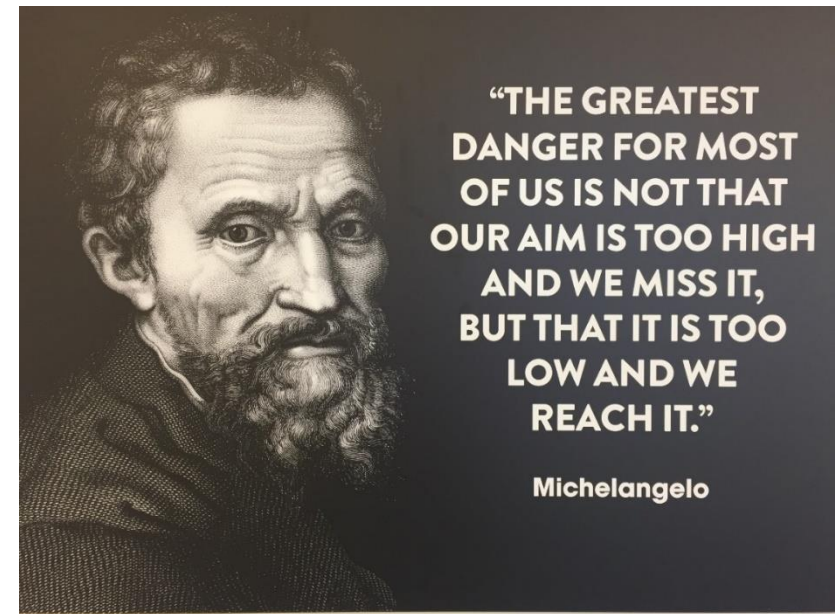
CL5-2022-D6-02-02: Urban logistics and planning: anticipating urban freight generation and demand including digitalisation of urban freight

| 22nd February 2022 from 14.00 to 15.30 hours

alice

Alliance for
Logistics Innovation
through Collaboration
in Europe

Thank you!



“THE GREATEST
DANGER FOR MOST
OF US IS NOT THAT
OUR AIM IS TOO HIGH
AND WE MISS IT,
BUT THAT IT IS TOO
LOW AND WE
REACH IT.”

Michelangelo

The Best Way To Predict The Future Is To Create It!

Source: President Abraham Lincoln



If you want to go fast, go alone If you want to go far, go together

www.etp-alice.eu

info@etp-alice.eu

