



# Horizon Europe for ECG members

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Secretary General ALICE

alice

Alliance for  
Logistics Innovation  
through Collaboration  
in Europe

22 June 2023



- ✓ **ALICE in a nutshell**
- ✓ **Running projects**
- ✓ **Identified funding opportunities: Horizon 2023-2024 calls**
  - The ALICE members Horizon Europe Group
  - Topics areas in the knowledge platform
- ✓ **ALICE role in defining priorities in Horizon 2023-2024 calls**
- ✓ **Next steps in defining 2025-2027 topics**



ALICE, Alliance for Logistics **Innovation** through Collaboration in Europe  
**not-for-profit association**, registered in Brussels, since 2015

## Who is ALICE

Recognized by the European Commission as a *European Technology Platform*<sup>1</sup>

**Mission: acceleration of logistics decarbonization in affordable way**

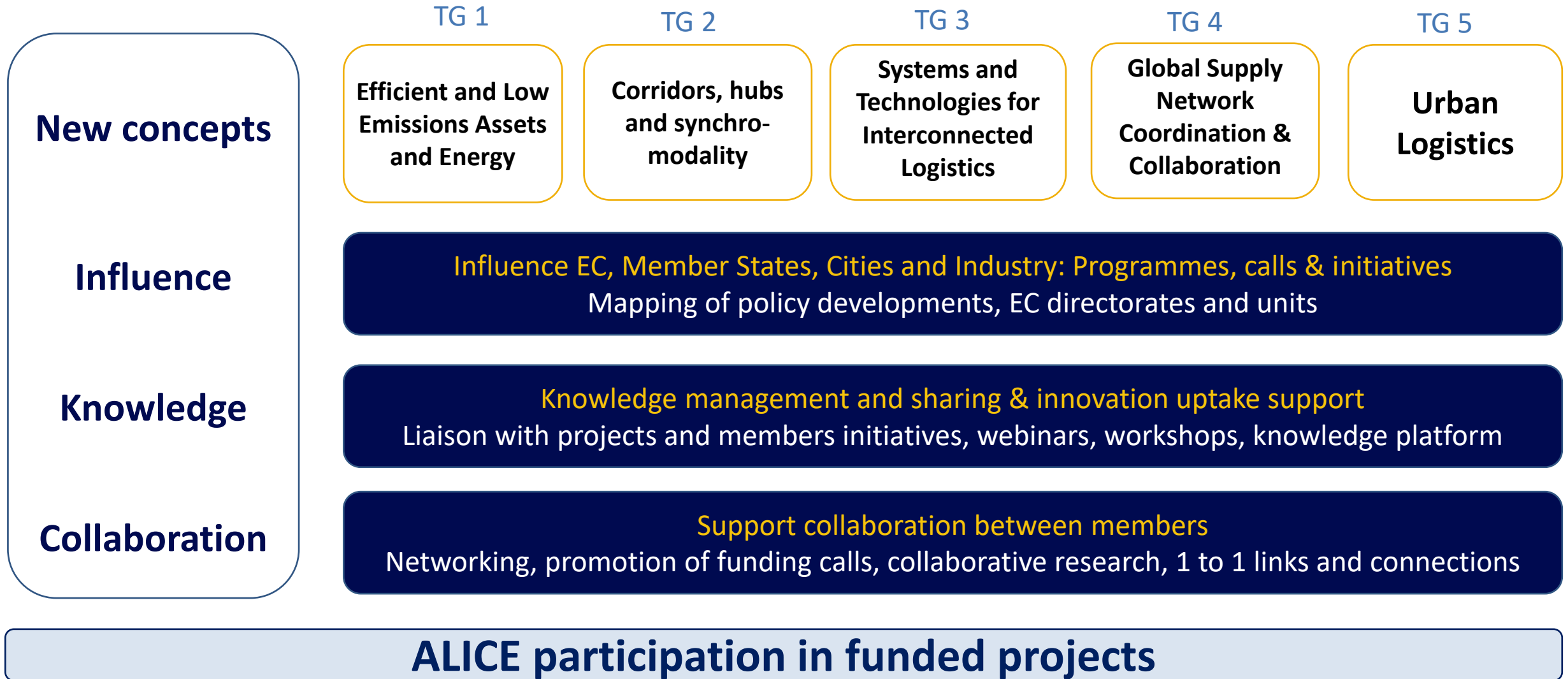
1. European Technology Platforms, ETPs are industry-led stakeholder fora that develop short to long-term research and innovation agendas and roadmaps for action at EU and national level to be supported by both private and public funding. More Info on ETPs [http://www.etp-logistics.eu/wp-content/uploads/2021/03/Logistic-TP-recognition-SWD\\_2013\\_272\\_F1\\_STAFF\\_WORKING\\_PAPER\\_EN\\_V2\\_P1\\_735480.pdf](http://www.etp-logistics.eu/wp-content/uploads/2021/03/Logistic-TP-recognition-SWD_2013_272_F1_STAFF_WORKING_PAPER_EN_V2_P1_735480.pdf)



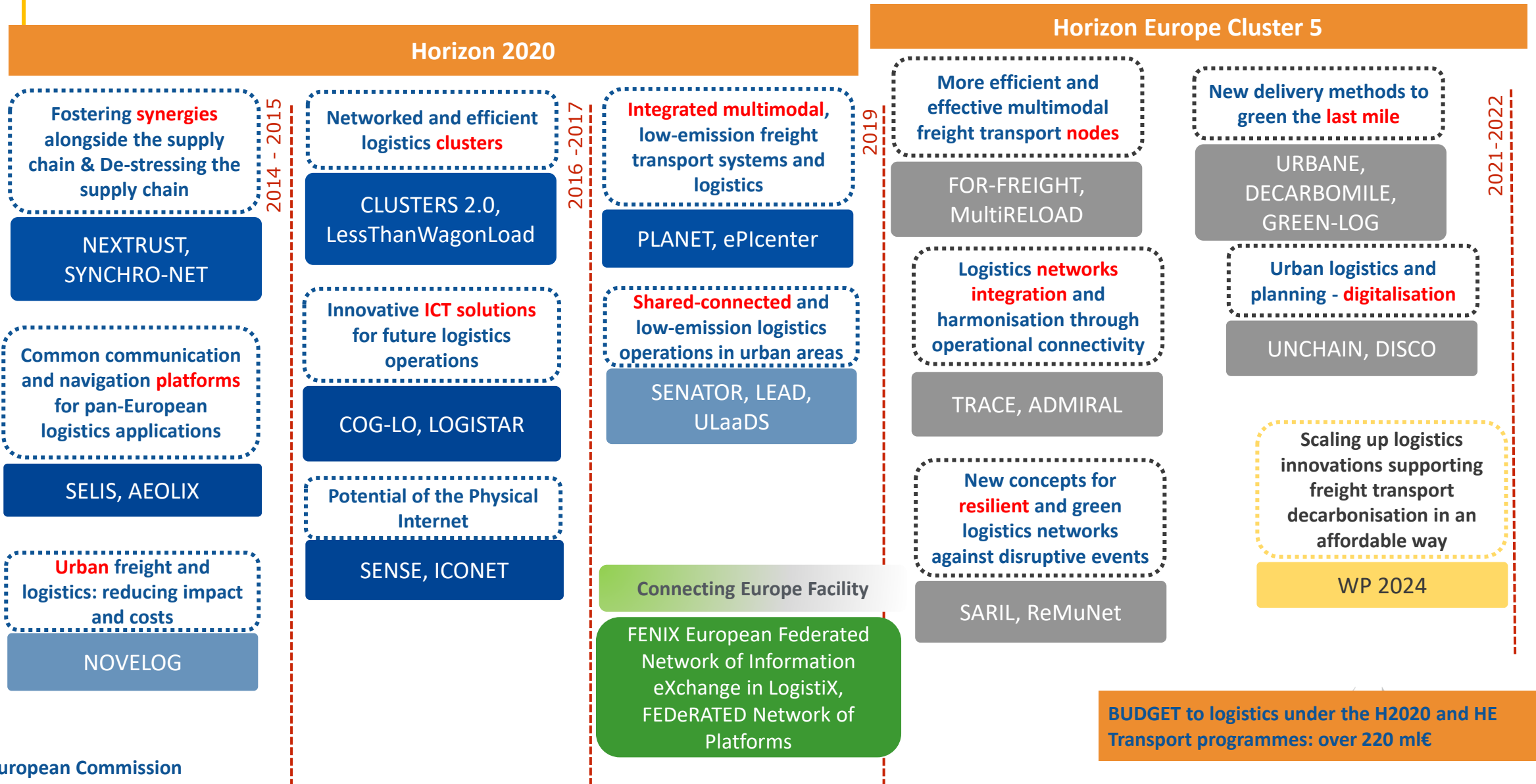
ALICE membership is bringing an holistic approach → All key logistics stakeholders represented!

Type of Organization	Members	EU/International Associations
Shippers & Retail		
Logistics Service Providers, Courier and Postal operators & Freight Forwarders		
Ports, Hubs, Real Estate companies, Intermodal terminals & Transport/Energy Infrastructure		
Transport and industry vehicles, packaging & material handling		
Information and Communication Technologies & Consultancy		
Regional & National Logistics Clusters & Associations		
Research and technology Centers		
European Technology Platforms /PPPs		
Member States and innovation Funding*		

\*Involved in ALICE Mirror Group



# EU-funded R&I projects Logistics





ALICE projects ([link](#)):

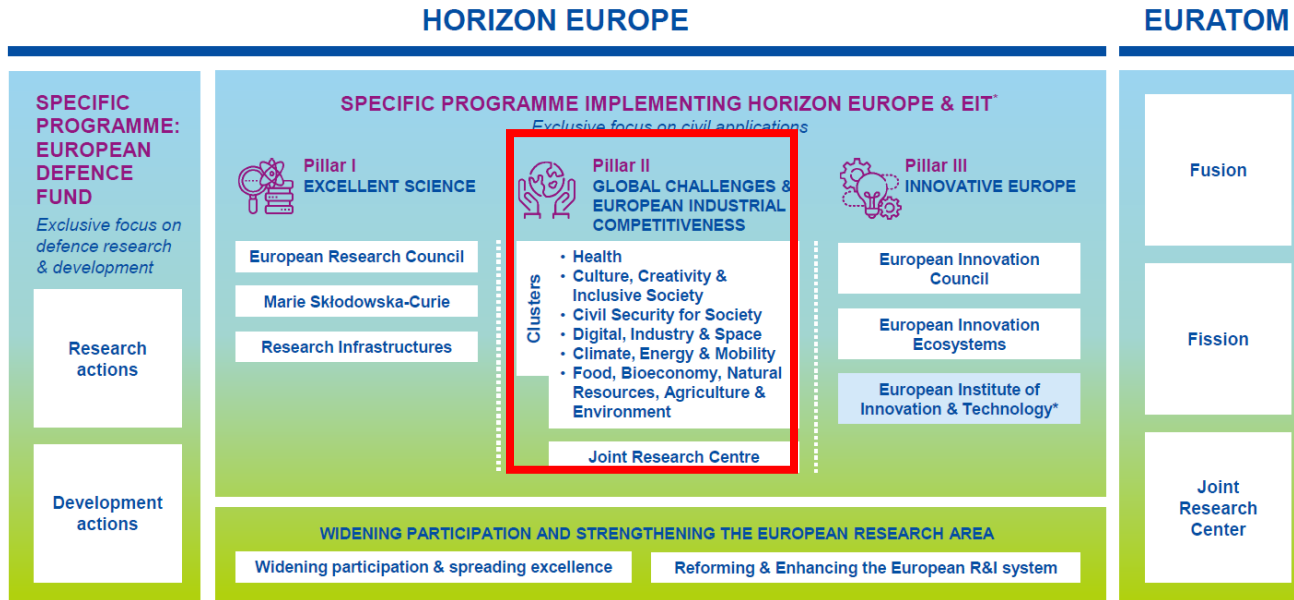
**BOOSTLOG**  
Boosting impact generated from TMs for...  
**CRISTAL**  
CRISTAL RESEARCH AND TECHNOLOGICAL...  
**ENTRANCE**  
**MultiRELOAD**  
PORT SOLUTIONS FOR SUSTAINABLE MOBILITY  
**PIONEERS**  
**SEAMLESS**  
**FENIX NETWORK**  
**MODI**  
A LEAP TOWARDS SAE L4 AUTOMATED DRIVING FEATURES  
**URBANE** **CIVITAS**  
**ZEFES**

Inland Waterways  
Ports and logistics nodes  
Automated vessels & logistics  
eFTI Digital Transport  
Automated road  
Urban Logistics  
Zero Emissions HDVs Long Distance Freight

Other projects liaised with ALICE: ([link](#))

**5GLOGINNOV** **Aegjs** **assist-iot** **AWARD** **CURRENT DIRECT**  
**DECARB MILE** **DISpATch** **FlexCurb** **FOR FREIGHT** **GeoSense**  
**GILAP** **IW-NET** **LEAD** **FACILITATING** **MOSES**  
**MOVE** **PhysICAL** **PILL** **planet** **PLATINA3**  
**RENEW** **ReSChape** **SCALE-UP** **SHOW** **Sprout**  
**STORM** **TANGENT** **ULDS** **ULTIMO** **UPBANIZED**  
**VITAL 5G**

Automated vessels  
Automated road  
Physical Internet  
Inland Waterways  
Urban Logistics  
Physical Internet  
Physical Internet  
Physical Internet  
Inland Waterways  
Inland Waterways  
Automated road  
Automated road  
Urban Logistics  
Automated road  
Urban Logistics



196 million € for topics potentially relevant for logistics in 2023 calls -> **30 new project**

127 million € for topics potentially relevant for logistics in 2024 calls -> **15 new projects**

## Relevant work programmes:

- [Climate, Energy and Mobility Work Programme 2023-2024](#)
- [Digital, Industry and Space Work Programme 2023-2024](#)
- [Missions Work Programme 2023-2024](#)



Multimodal transport, infrastructure and logistics  
2ZERO, CCAM, WATERBORNE & Cities Mission



AI & Robotics



Cities Mission



Call Nr.	Call	Type of Project	TRL End of Project	Deadline	Indicative Budget	EU Contribution Million Euro
CL5-2023-D6-01-06	<b>Zero-emission e-commerce</b> , freight delivery and return choices by retailers, consumers and local authorities	RIA	5	05 September 2023	6	3
CL5-2023-D6-01-07	<b>Operational automation</b> to support <b>multimodal freight transport</b>	RIA	5	05 September 2023	8	4
CL5-2023-D6-01-08	<b>Future-proof GHG and environmental emissions factors</b> for accounting emissions from transport and logistics operations	CSA	Not applicable	05 September 2023	3	3
CL5-2023-D6-01-09	<b>Climate resilient and safe maritime ports</b>	IA	7	05 September 2023	14	7

Call Nr.	Call	Deadline	Indicative Budget	EU Contribution Million Euro
CL5-2024-D5-01-04	Integrated <b>flexible multipoint megawatt charging systems for electric truck mass deployment</b>	18 April 2024	17	7-8
CL5-2024-D5-01-06	<b>New designs, shapes, functionalities of Light Commercial Vehicles</b>	18 April 2024	10	10
CL5-2024-D6-01-06	Optimising <b>multimodal network and traffic management</b> , harnessing data from infrastructures, mobility of passengers and freight transport	05 September 2024	10	4-5
CL5-2024-D6-01-07	<b>Scaling up logistics innovations supporting freight transport decarbonisation in an affordable way</b>	05 September 2024	20	10

## Horizon Europe group

### ALICE Members Horizon Europe Programme Group

[Dashboard](#) / [My groups & contents](#) / [ALICE Members Intranet](#) / [ALICE Members Horizon Europe Programme Group](#)

#### What is this group about?

Within this group, ALICE provides an overview of the calls under Horizon Europe relevant for freight and logistics and members are engaged in the development of R&I recommendations for upcoming Horizon Europe programme.

#### [Freight Transport and Logistics Horizon Europe 2023-2024](#)

Forum: 1 Files: 2 Page: 1

#### [ALICE recommendations for topics in Horizon Europe](#)

Files: 2 Labels: 2 Forum: 1

#### [Horizon Europe in a Glance](#)

Label: 1 URL: 1

#### [Freight Transport and Logistics in Horizon Europe](#)

File: 1

#### [Freight Transport and Logistics Horizon Europe funding opportunities in 2021-2022](#)

Labels: 4 Files: 5 URL: 1

#### [Additional Contents, Webinars and Documents](#)

URLs: 3 Labels: 3 Files: 2

## Funding opportunities groups

**Funding Opportunities**

[Dashboard](#) / [My groups & contents](#) / [Knowledge Platform](#) / [Funding Opportunities](#)

Knowledge Platform / Funding | Sort (none) | Search groups & contents

My contents & groups | **Contents & Groups**

- HORIZON-CL5-2023-D5-01-06 EU Member States/Associated countries...**  
Funding Calls
- HORIZON-CL5-2023-D6-01-09 Climate resilient and safe maritime ports**  
Funding Calls
- HORIZON-CL5-2023-D6-01-08 Future-proof GHG and environmental...**  
Funding Calls
- HORIZON-CL5-2023-D6-01-07 Operational automation to support...**  
Funding Calls
- HORIZON-CL5-2023-D6-01-06 Zero-emission e-commerce and freight...**  
Funding Calls
- HORIZON-CL5-2023-D5-01-16 Developing small, flexible, zero-emission and...**  
Funding Calls
- HORIZON-CL5-2023-D5-01-13 Integrated real-time digital solutions to...**  
Funding Calls
- HORIZON-MISS-2023-CIT-01-01 Co-designed smart systems and service...**  
Funding Calls

ALICE/BOOSTLOG recommendations 2023 -2024  
– Oct. 2021

Horizon Europe WP 2023-2024

Multimodal transport, infrastructure and logistics

Call Nr.	Call
CL5-2023-D6-01-06	<b>Zero-emission e-commerce</b> , freight delivery and return choices by retailers, consumers and local authorities
CL5-2023-D6-01-07	<b>Operational automation</b> to support <b>multimodal freight transport</b>
CL5-2023-D6-01-08	<b>Future-proof GHG and environmental emissions factors</b> for accounting emissions from transport and logistics operations

Technological and social innovation towards greener freight delivery choices and offering by retailers and consumers →

Automated and autonomous operation in logistics hubs →

Mission: 100 Climate-Neutral and Smart Cities by 2030 (Mission work programme)

Call Nr.	Call
HORIZON-MISS-2023-CIT-01-01	Co-designed smart systems and services for <b>user-centred shared zero-emission mobility of people and freight in urban areas</b>





ALICE's recommendations 2023 -2024 – Oct. 2021

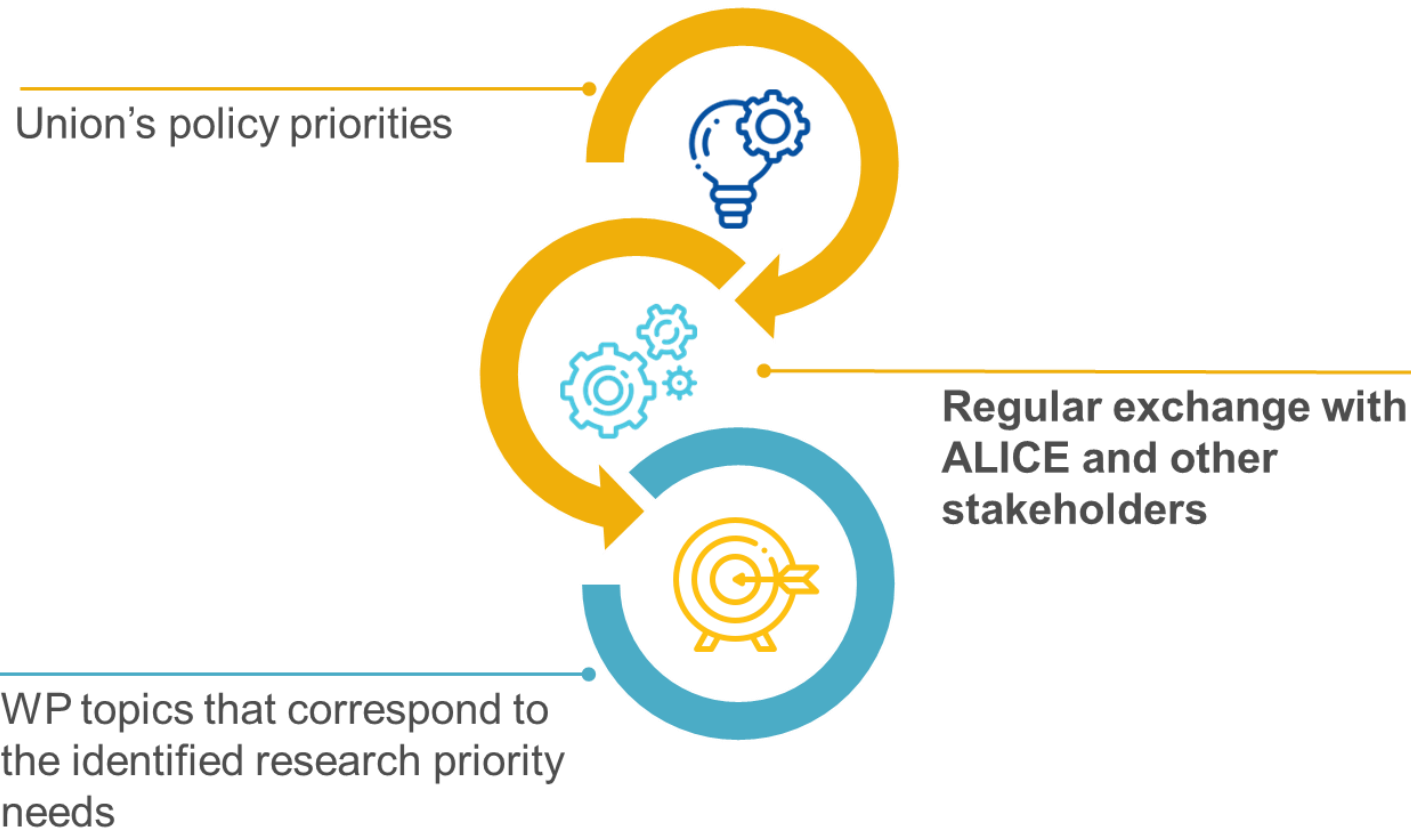
Horizon Europe WP 2023-2024



*Physical Internet demonstrators including zero emission vehicles and rail/inland waterways applications*



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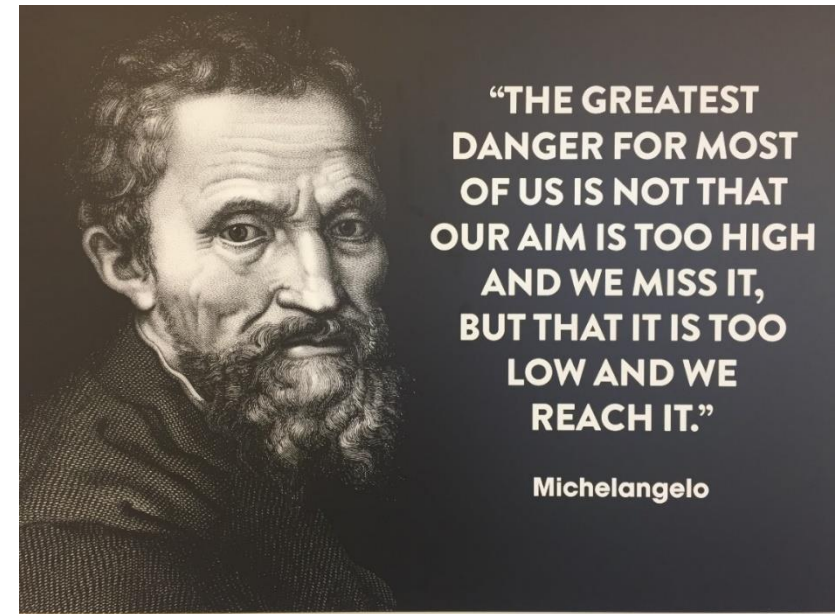
Have your Say: Survey Open  
until 15<sup>th</sup> July 2023



# alice

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Logistics Innovation  
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*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*

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