



EU policy priorities for zero-emission and resilient freight transport and logistics

ALICE webinar: New concepts and approaches for resilient and green freight transport and logistics networks against disruptive events (including pandemics)





11th January 2024

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Sustainable and Smart Mobility Strategy



AN IRREVERSIBLE SHIFT TO ZERO-EMISSION MOBILITY

-  90 % reduction in transport emissions;
-  All transport modes are made more sustainable;
-  Sustainable alternatives are available;
-  Right incentives are in place for sustainable choice






ACHIEVING SEAMLESS, SAFE AND EFFICIENT CONNECTIVITY

-  Seamless **multimodal** transport based on digital solutions;
-  Unleash full potential of **data**;
-  Develop and deploy **connected**, cooperative, and automated mobility services;
-  Paperless freight transport in favour of fast, digital procedures.



A MORE RESILIENT SINGLE EUROPEAN TRANSPORT AREA: FOR INCLUSIVE CONNECTIVITY

-  Reinforced Single Market:
 - more investment in infrastructure and fleets;
 - deepening and enforcing internal market;
 - making our system crisis proof.
-  Fair and just mobility (that is affordable and accessible);
-  Enhanced safety and security.

A sustainable and multimodal freight transport



Sustainable

Modal shift to more sustainable modes

- Investments in terminals
- Efficiency of transshipment technologies
- Support to intermodal transport
- Better performance of non-road modes



Sustainable

Putting in place the right incentives to drive the transition.

- Implementation of polluter/user pays principles
- Harmonised measurement of GHG emissions in logistics chains



Smart

Taking advantage of digitalisation & automation

- Efficient capacity and traffic management
- Advanced digital infrastructure
- Data availability, access and exchange, transparent supply chains



Resilient

A more resilient single European transport area

- Reinforcing Single Market with a multimodal perspective
- Investments, public and private, in infrastructure and fleet

A resilient transport system

Green Lanes

- Guidelines for border management measures
- Guarantee the continued functioning of supply chains in the Single Market and avoid possible shortages

Contingency Plan for Transport

- Toolbox for dealing with any type of transport crisis
- Connectivity and passenger protection, efficient border management for freight, building resilience to cyberattacks, and resilience testing, etc.

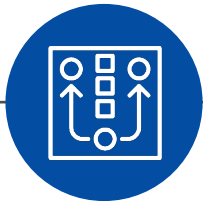
Cyber-security

- European Union Agency for Cybersecurity (ENISA)
- Directive on Security of Network and Information Systems

R&I for resilient transport

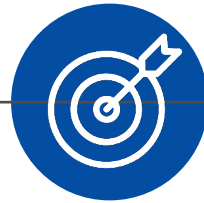
- Weather-resilient physical infrastructure, vehicle technologies and digital infrastructure for increased automation
- Multi-modality across modes and inter-modality across operators

Support study on the climate adaptation and cross-border investment needs to realise the TEN-T network



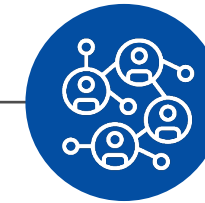
Context

- A **climate-resilient TEN-T network**: lack of an overall assessment of the vulnerability of the TEN-T network to the impacts of climate change
- **Cross-border investment needs** and priorities coordination to realise the TEN-T



Objectives

- To **identify climate risks** on the TEN-T network, adaptation measures to address them and their corresponding costs
- To **identify cross-border investment gaps** on the TEN-T core and extended core network (as defined by the 2021 proposal for a revision of the TEN-T Regulation)



Scope

- **Entire** TEN-T for the climate risk assessment, **core and extended** core network for the cross-border investment gaps
- Investment needs analysis to focus on **2030 and 2040**



Inform the Commission's decision-making in determining the investments needed to increase the climate resilience and connectivity of the TEN-T network **in the context of the next MFF and CEFIII**

Points for consideration

Focus of the call topic

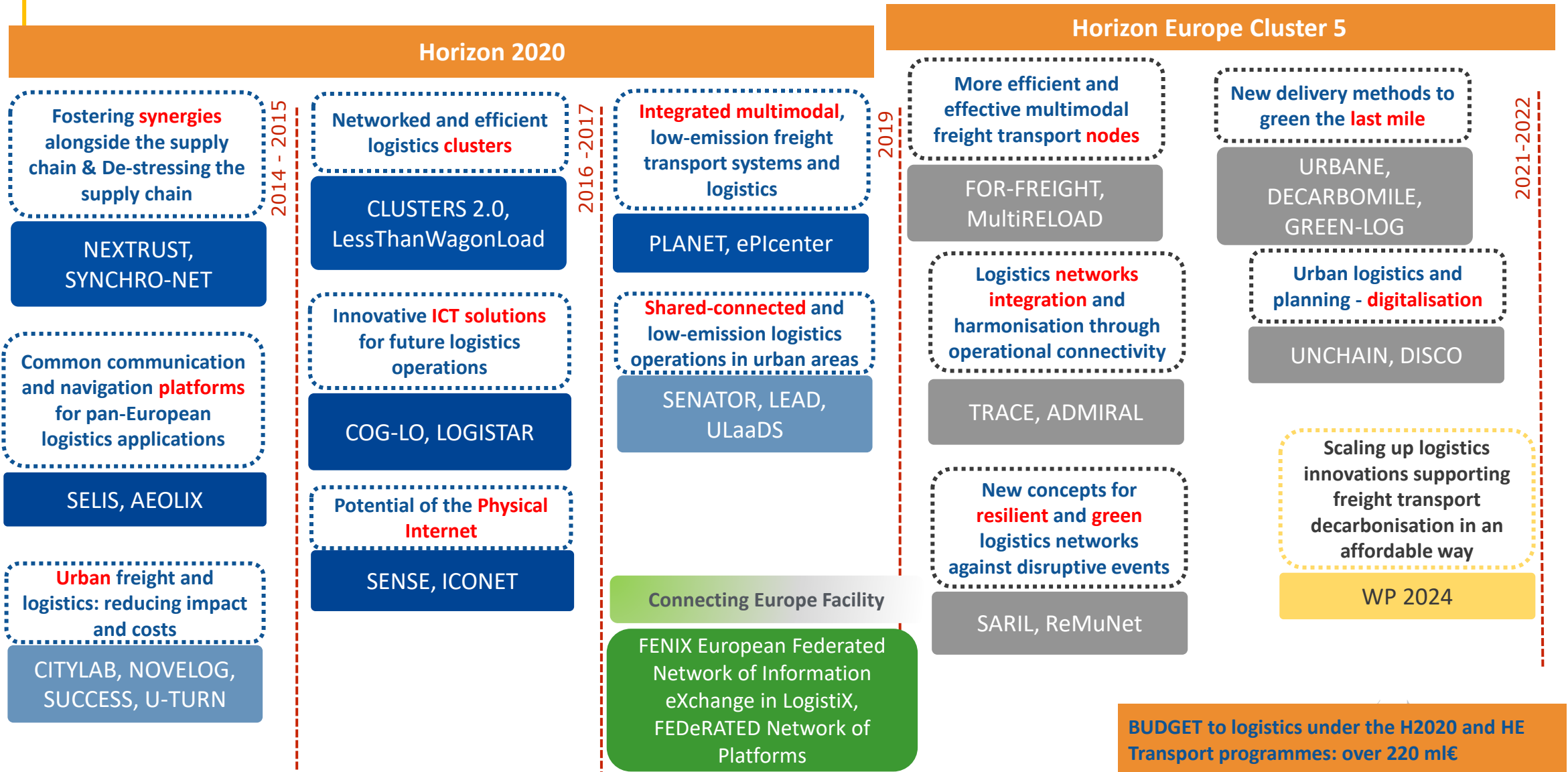
- Evaluate the **resilience of strategic logistics networks, propose management systems and operations to increase** the resilience of the entire transport network.
- Develop and demonstrate how **synchro-modal approaches** provide resilience and sustainability by design.
- Bring together **stakeholders** at various level – from supply chain, transport services and infrastructure networks - to ensure a truly **integrated approach**.
- **Business intelligence capabilities, cost-efficient and green new business models** able to be adopted by the sector in the short-medium term.

Some expectations

- ✓ **Applicability/replicability** and **scale up** of reference model, standardised framework, scenarios and models, etc.
- ✓ **Exploitation** of the results: e.g. ReMuNet's platform and synchromodal relay transport, SARIL's models, decision support tool
- ✓ Appropriate **involvement of all relevant stakeholders** and 'end users'
- ✓ Build on and **collaborate**, as relevant, with other previous and ongoing projects

EU-funded R&I projects on logistics

* List not exhaustive



Connecting Europe Days 2024

- 2-4 April 2024 in Brussels
- To discuss concrete measures and exchange good practices on creating a fully decarbonised, resilient, seamless and digital transport and mobility network in Europe
- Session “[Revolutionising infrastructure: Paving the way for sustainable, resilient and future-proof freight transport](#)” on Wed 3 April, at 11:00-12:30
- [Programme and registration](#)



Thank you

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