

Industry lead logistics innovation for a more competitive and sustainable industry

The European Technology Platform ALICE

Data sharing enabling collaboration and sustainable logistics

The perspective of the Logistics

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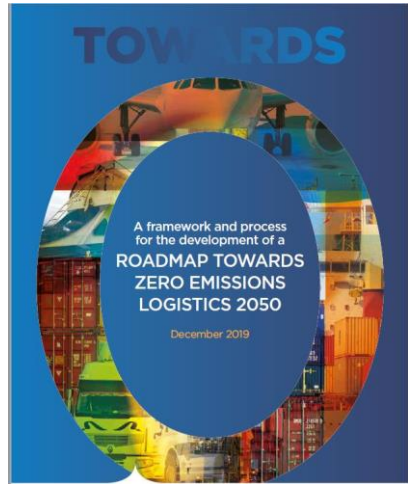
alice | Alliance for
Logistics Innovation
through Collaboration
in Europe

Connecting EU
Circle
Group *insights*



Content

1. What is our objective
2. Collaboration is key!
3. Collaboration is not practical without data sharing/ interconnected systems
4. The benefits are huge and can support us reaching climate change objectives in an affordable way



ALICE Roadmap towards zero emissions logistics



[Link to the document](#)

- Sustainability and zero-emissions logistics can only be achieved through collaboration
- Technological innovations, like e-mobility/zero emissions energies and vehicles are key to reduce emissions
- The efficient use of all transport modes, existing infrastructure and assets is crucial to make it affordable

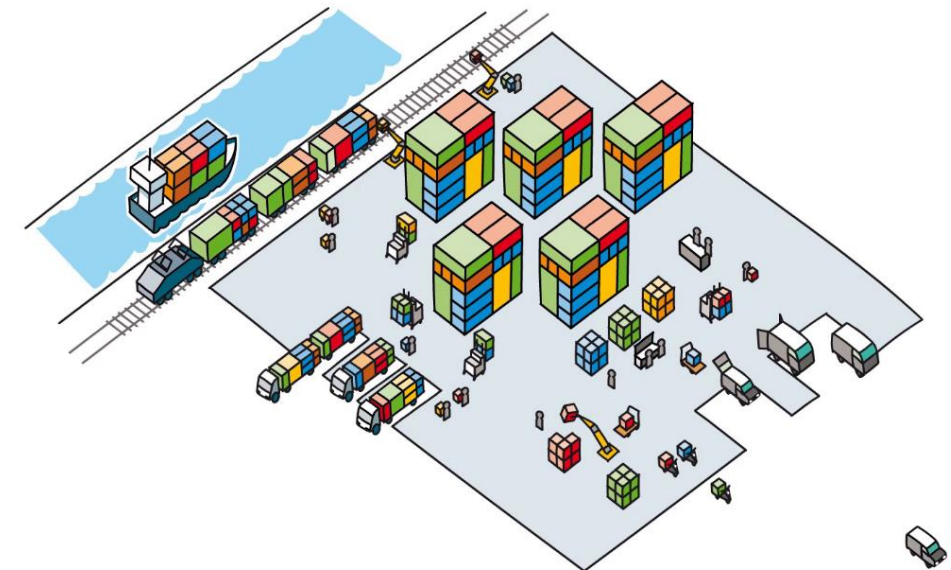
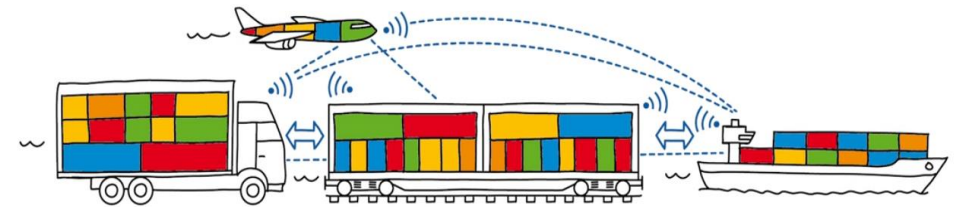
- Not even the biggest logistics companies/shippers can do this on their own
- This can only be achieved through open systems allowing easy access to resources and massive pooling of flows
- **Digital and physical interconnectivity** is key


Physical Internet

Enabling collaboration and sharing at minimal/zero set-up cost

THE PHYSICAL INTERNET

Interconnected logistics networks, sharing assets and capabilities



An aerial photograph of a city, likely Oslo, Norway, showing a dense urban landscape with numerous buildings and a waterfront. A large cargo ship is docked at a pier in the foreground, and another ship is visible in the water. The text is overlaid on the image in a large, white, sans-serif font.

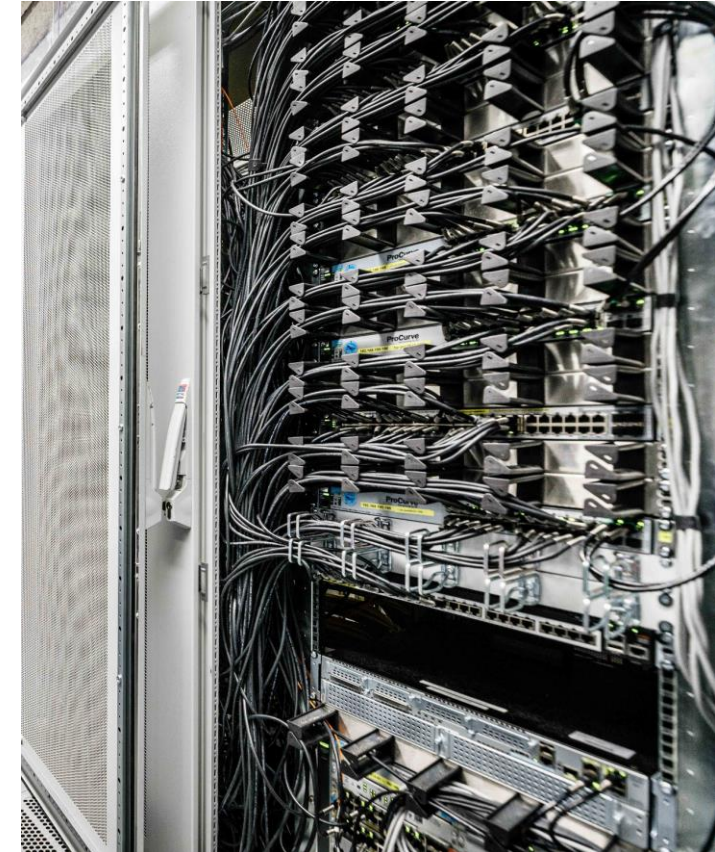
Data sharing/interconnected
systems are the enabler for
collaboration and sustainability

Data sharing and seamless interconnectivity of logistics systems (ERPs, TMS, PCSs, etc.) makes it possible to:

- Share and use free capacities in different networks ad-hoc
- Consolidate transports seamlessly over company borders
- Optimise the flow of goods from door to door
- Always use the most efficient transport mode

Realisation through open source and standards:

- Open source can be a blueprint for sharing, even among competitors (e.g. maritime shipping or flights)
- Open standards, open APIs and open information enable easy participation and low threshold access
- Reference implementations help companies understand and use solutions



Artificial Intelligence plays an important role to increase efficiency in open collaborative systems

ALICE is the place for collaboration & innovation in logistics in Europe

Get in contact with us!

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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 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

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