



UNDERSTANDING THE CONTEXT



STRATEGIES TO NAVIGATE COMPLEXITY

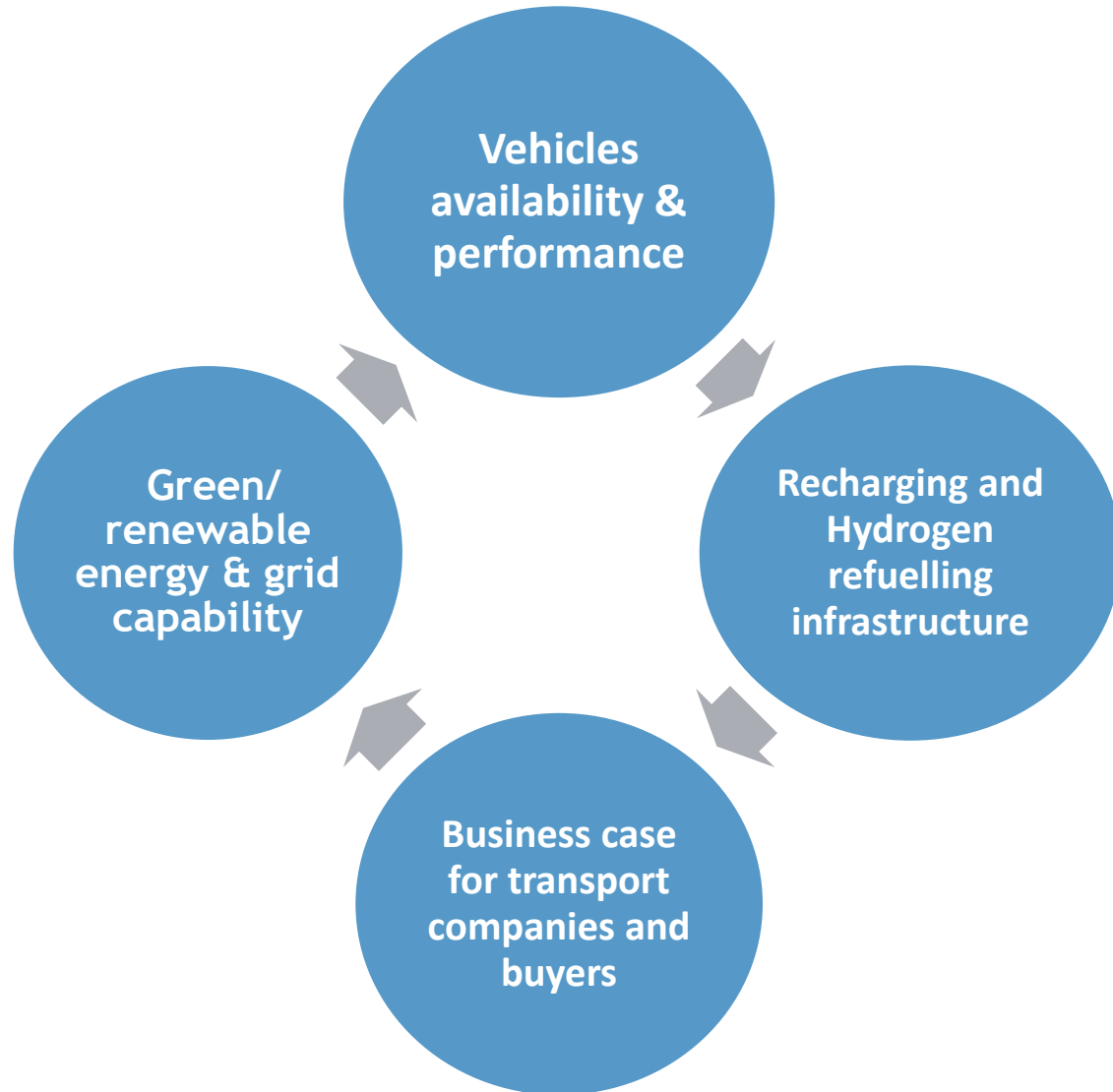


OVERCOMING THE COLLABORATION GAP



OVERCOMING THE COLLABORATION GAP: **ELECTRIFICATION**

The full system in place for mass adoption of electric trucks



OVERCOMING THE COLLABORATION GAP: **ELECTRIFICATION**



- **Public - Private partnership** involving the **European Commission** (DG RTD, DG MOVE, DG ENER, DG CLIMA) and the **EGVIAfor2Zero Association**
- **EGVIAfor2Zero** gathers 125 industry, research and associate members
- **Budget:**
 - **615 million euros** from the **European Union**
 - **615 million euros** from the **Partners other than the Union**
- **Timeline: 2021-2027**

Addressing barriers: AEVETO cluster



Market in the early stages and requires acceleration if we want to start mass adoption by 2030



Co-funded by
the European Union

Challenging route components

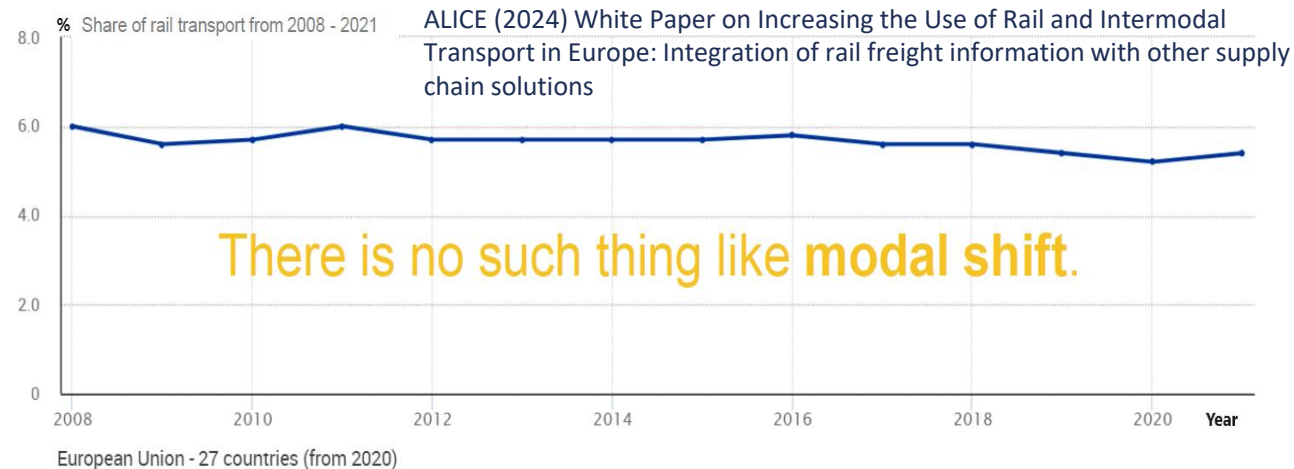


Challenging factors and KPIs





INTERMODALITY



ALICE EXPRESS Project

Overcoming the collaboration gap: Automation

MODI ACCELERATES THE INTRODUCTION OF HIGHLY AUTOMATED SOLUTIONS TO IMPROVE EUROPEAN LOGISTIC CHAINS

A leap towards SAE
L4 automated driving features



Overcoming the collaboration gap:

Resilience

Hundreds of fatalities, thousands of displaced people and billions in losses



September 2024 Central European floods, 27 fatalities

Source: https://en.wikipedia.org/wiki/2024_Central_European_floods



October 2024, Spain floods, 217 fatalities



SARIL: Making Freight Logistics Resilient & Green – What It Means for You

Q Concrete Example: Flash Flood in Northern Italy

Problem: A regional warehouse-to-port road link is submerged after a flash flood. **Without SARIL:** Delivery trucks are stalled, customers delayed, penalties triggered

With SARIL: You deliver on time with minimal loss, prove resilience, and lower emissions.



Concrete Example

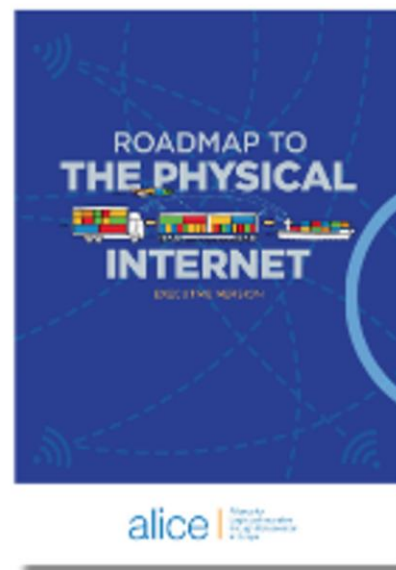
Storm forecast on Atlantic route
→ proactive rerouting



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Innovation through
Collaboration in Europe

OVERCOMING THE COLLABORATION GAP



MODULAR UNIT
AND INTERFACES

INFORMATION
TECHNOLOGY

PROCEDURES

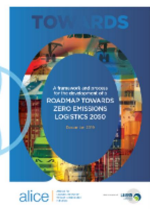
PHYSICAL - DIGITAL - OPERATIONAL

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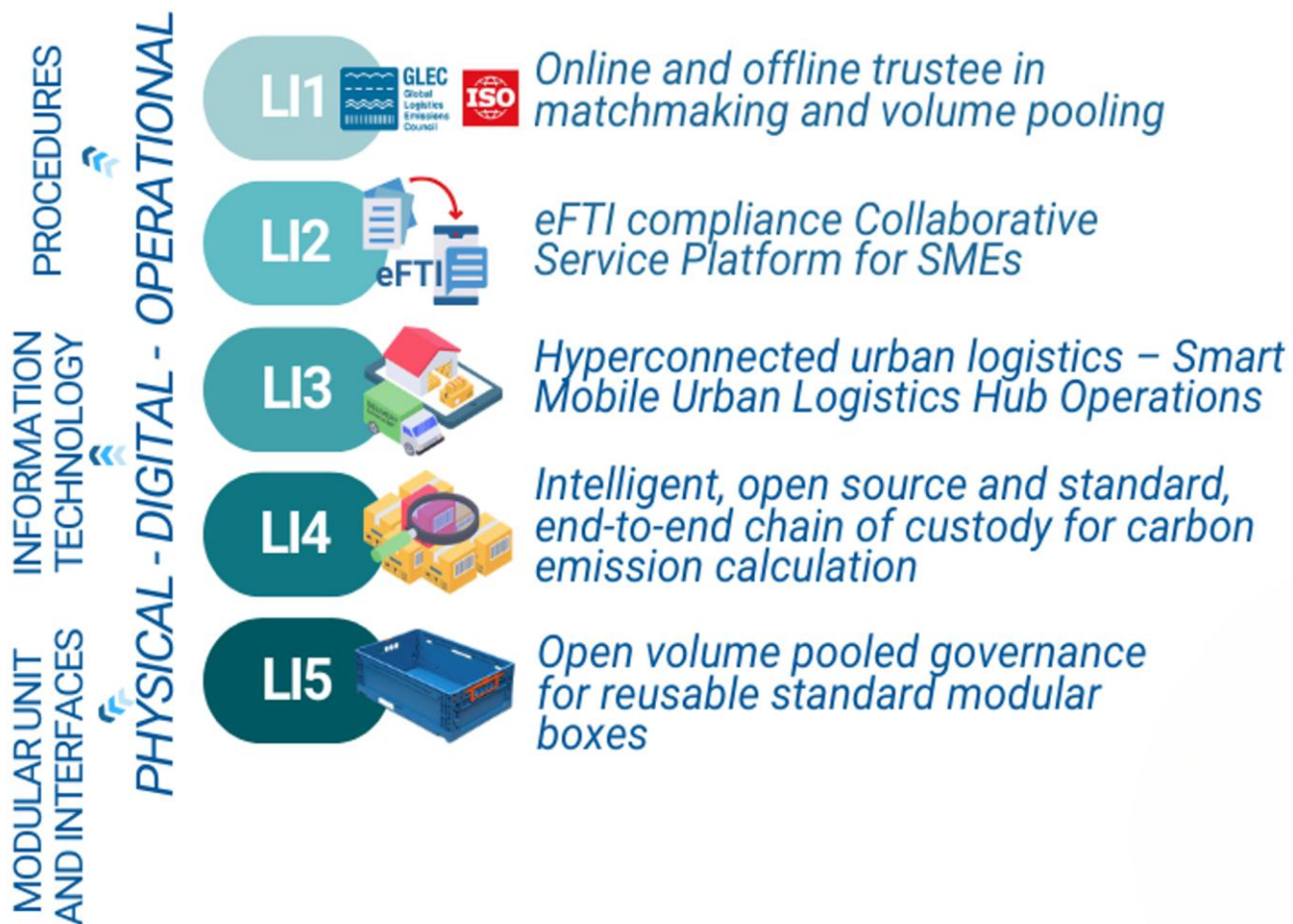
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IKIGAI
IN A NUTSHELL



LOGISTICS INNOVATIONS

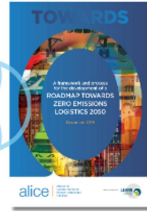


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PROCEDURES
INFORMATION TECHNOLOGY
MODULAR UNIT AND INTERFACES
PHYSICAL - DIGITAL - OPERATIONAL

LOGISTICS INNOVATIONS

LI1



Online and offline trustee in
matchmaking and volume pooling

LI2



eFTI compliance Collaborative
Service Platform for SMEs

LI3



Hyperconnected urban logistics – Smart
Mobile Urban Logistics Hub Operations

LI4



Intelligent, open source and standard,
end-to-end chain of custody for carbon
emission calculation

LI5



Open volume pooled governance
for reusable standard modular
boxes

PILOT 1 - LI1

ALICE EXPRESS
on Poland-Italy corridor

PILOT 2 - LI2

Collaborative Platform at
Piraeus Free Zone Type 1
(GR)

PILOT 3 - LI3

Smart and Synchro-modal
Hub in Paris (FR) and
Esplugues (ES)

PILOT 4 - LI4

GRUBER
Book and Claim

PILOT 5 - LI5

GS1 SMART-Box
pooling governance
scaling to BE and FR

TECHNOLOGY, MARKET, COMMERCIAL, SOCIETAL AND REGULATORY READINESS SCALE

PI Transition readiness



Impact at scale assessment



Compliance of PI scale-up



TWIN TRANSITION WITH REGENERATED SUPPLY CHAIN AND PI REALISATION



**"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

alice

Alliance for
Logistics Innovation
through Collaboration
in Europe

The best way to predict the future is to co-create it!

**THANK
you!**



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