



# *Zero Emission Heavy Duty Road Transport: Perspectives and Innovation Testing In Real Operations*



**ΣMPOWER**



**ZEFES**

**ESCALATE**



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**alice**

Alliance for  
Logistics Innovation  
through Collaboration  
in Europe



There is a huge gap  
between what is in place  
and what is needed to  
achieve emissions  
reduction targets!

# Gap Analysis

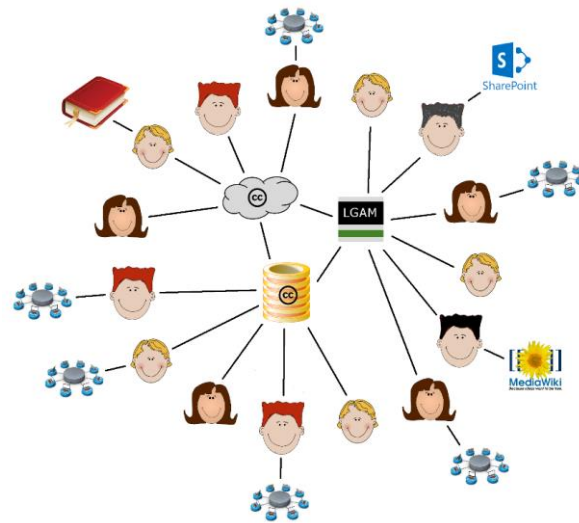


ALICE membership is bringing an holistic approach → All key logistics stakeholders represented!

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

INNOVATION



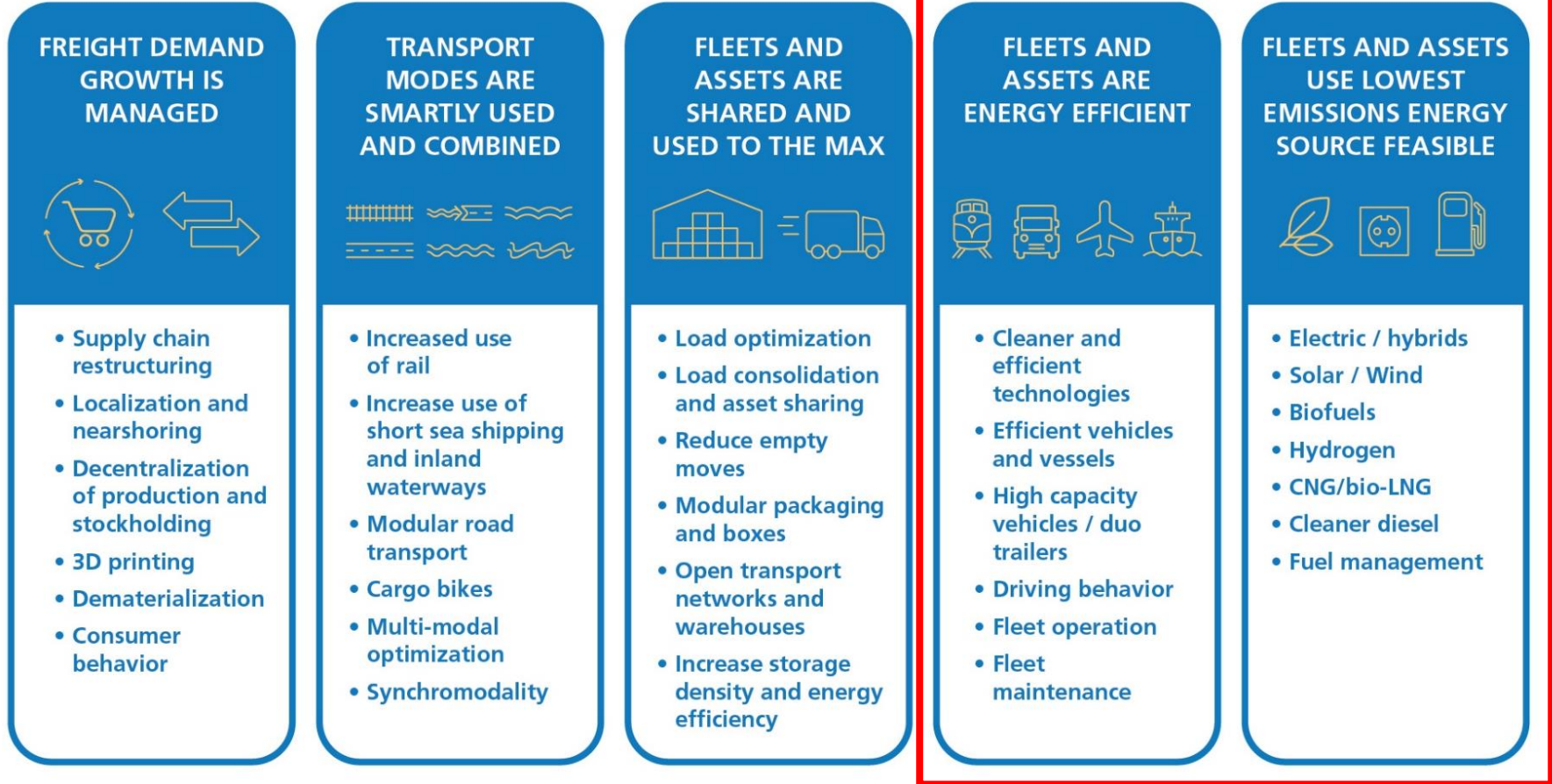
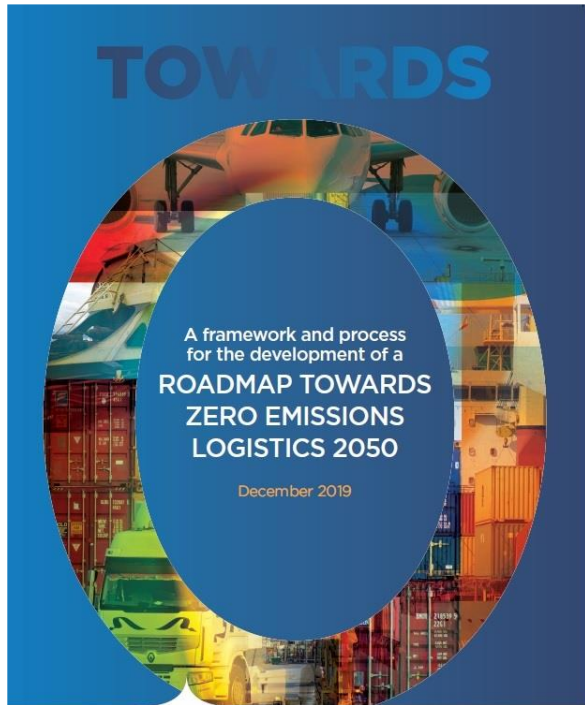
KNOWLEDGE

European leading companies and experts implementing  
logistics and supply chain innovation

New concepts – influence - knowledge management – collaboration

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





[Link to the document](#)

TOWARDS

A framework and process  
for the development of a  
ROADMAP TOWARDS  
ZERO EMISSIONS  
LOGISTICS 2050  
December 2019

FLEETS AND  
ASSETS ARE  
ENERGY EFFICIENT



FLEETS AND ASSETS  
USE LOWEST  
EMISSIONS ENERGY  
SOURCE FEASIBLE



Pieter Leonard  
ALICE TG1 Chair



Fernando Liesa  
TG1 Programme Manager



Pablo Segura  
TG1 Support



Andrea Condotta

Connection



John Smith

Practical application of  
zero emission roadmap



Lóri Tavasszy

Connection bussiness to  
research community



Teoh Tharsis

GHG Footprint  
measurement and  
reporting

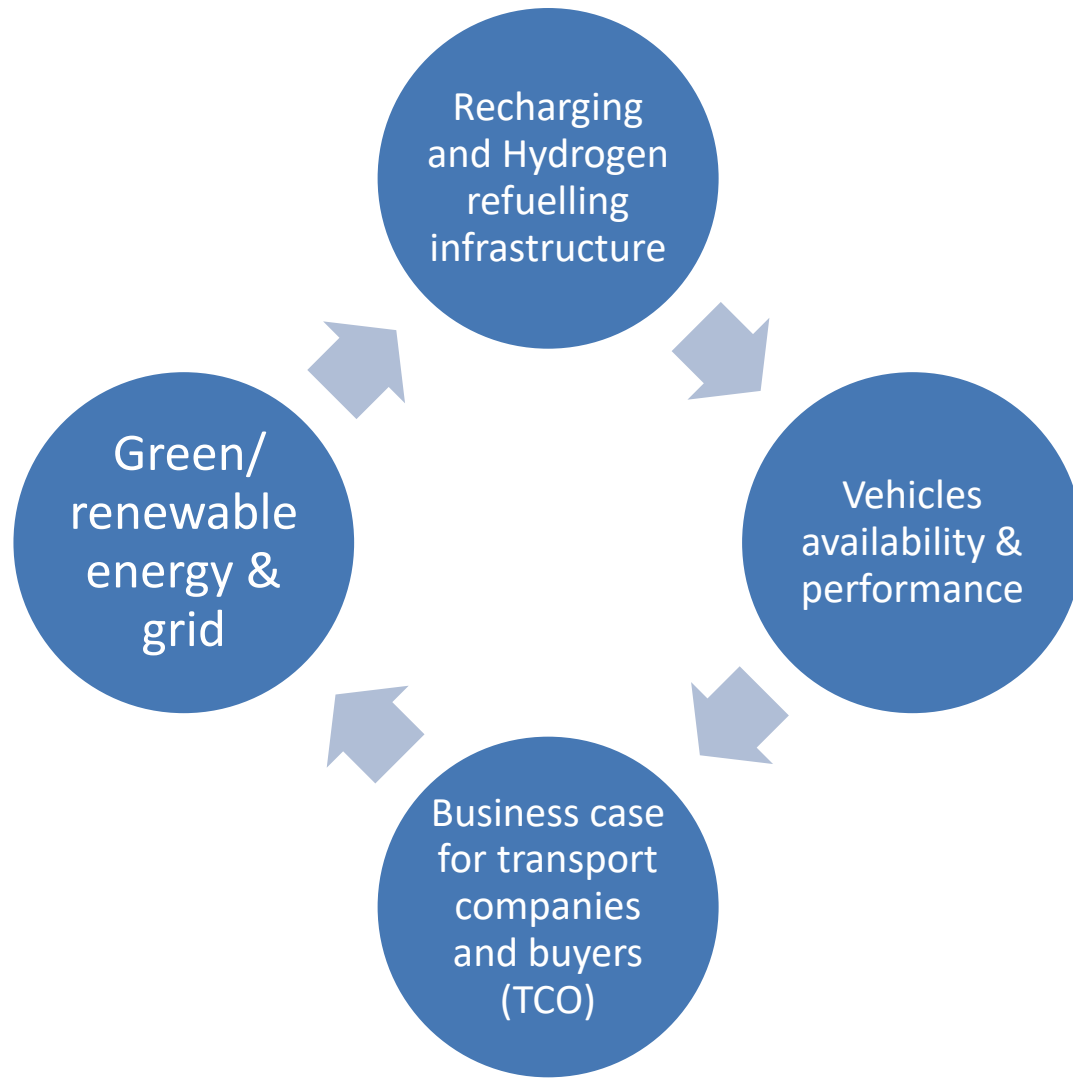


Alain Baeyens

Roadmap promotion to  
SMEs



## Addressing the interdependencies across the sectors involved



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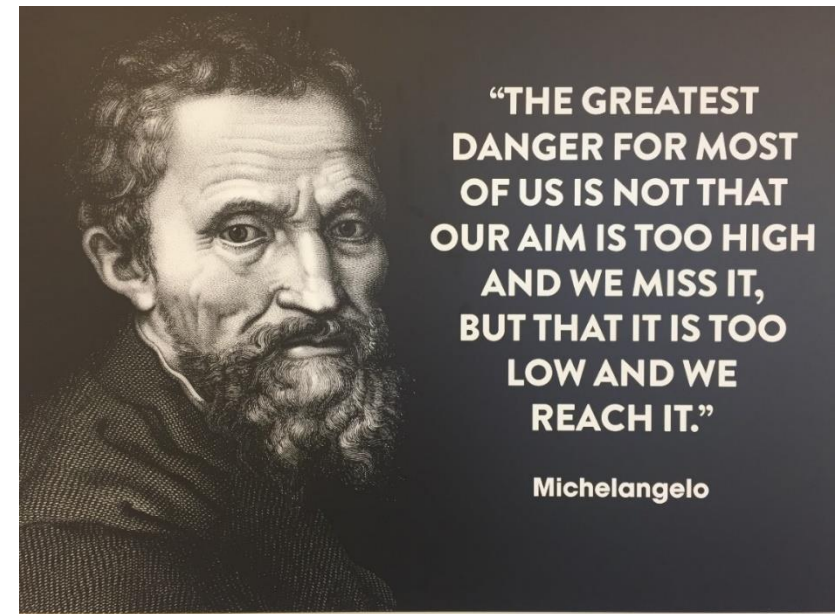




# alice

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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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