

*Waiting for  
other  
participants  
to join... 😊*

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**#ALICE**



- The **session will be recorded** in case you or other ALICE members wish to have a look afterwards. A link to the recorded webinar and pdf presentations will be shared with participants in the event page.
- Please, **keep your microphone muted when the meeting starts and your cameras off if you are not speaking**. You can introduce yourself when entering the meeting so you do a test (i.e. everybody can hear you) 😊
- Please, share your questions to the speakers in the GoToMeeting chat. You can also use it to to share thoughts, suggestions or relevant information on the subject

**You may ask any question on these rules before  
the start!**

- **Introduction & objectives of the meeting. Alain Baeyens\***. 30<sup>o</sup> North and meeting chair.
- **ALICE FIT for 55 position paper and next steps. Fernando Liesa**. ALICE.
- **Low emission assets availability programme. John Smith\***. An Post. *Graham Major-Ex\*, Sennder. Fernando Liesa, ALICE.*
- **Carbon footprint measurement and reporting programme. Rik Arends\***. Smart Freight Center. *Fernando Liesa, ALICE.*
- **2ZERO partnership updates. Andrea Condotta\***. Gruber Logistics. *Lucie Beaumel, 2ZERO partnership.*
- **Collaboration with Hydrogen Europe updates. Fernando Liesa**. ALICE
- **Closing Remarks. Alain Baeyens**. 30<sup>o</sup> North and meeting chair.

\* ALICE Efficient and Low Emissions Assets and Energy vice-chair

# ALICE Thematic Group Efficient and Low Emissions Assets and Energy (ALICE TG1)

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## Introduction & objectives of the meeting



**Alain Baeyens**



**ALICE Efficient and Low Emissions Assets and Energy vice-chair**

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

December 2019



# Content

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1. ALICE introduction and TG1 positioning in ALICE overall
2. Efficient and Low Emissions Assets and Energy
  - Leadership team and focus
3. Activity fields
4. 2022 Work Plan & activities overview
5. All detailed information sources

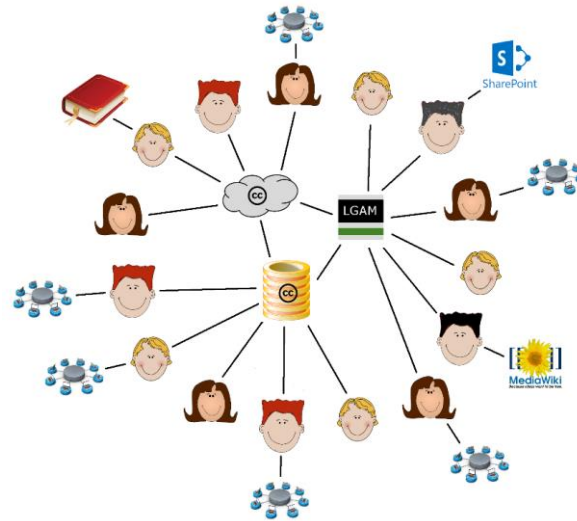




## Who is ALICE

ALICE = Alliance for Logistics Innovation through Collaboration in Europe

ALICE A.I.S.B.L., a **not-for-profit association**, registered in Brussels, since 2015

A close-up photograph of a person's hand holding a thick, blue horizontal line. The hand is positioned on the right side of the frame, with the thumb and index finger gripping the line. The line extends from the left edge of the image towards the hand. The background is plain white.

A close-up photograph of a right hand holding a blue pen. The hand is positioned on the right side of the frame, with the index finger and thumb gripping the pen. A long, straight, horizontal blue line has been drawn across the white background, extending from the pen tip on the right towards the left edge of the image.

## New concepts – influence - knowledge management – collaboration

## Mission: acceleration of decarbonization in affordable way

# European leading companies and experts implementing Logistics and supply chain innovation

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*		



# ALICE vision, mission, roadmaps and Thematic Groups

ALICE Thematic groups (TGs)  
and link to roadmaps

alice

Alliance for  
Logistics Innovation  
through Collaboration  
in Europe

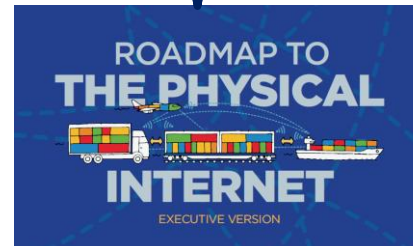
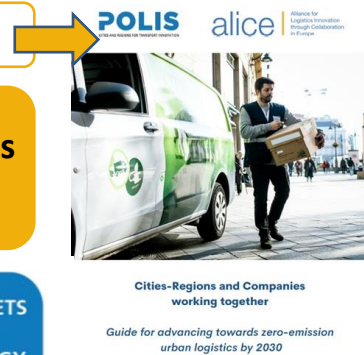
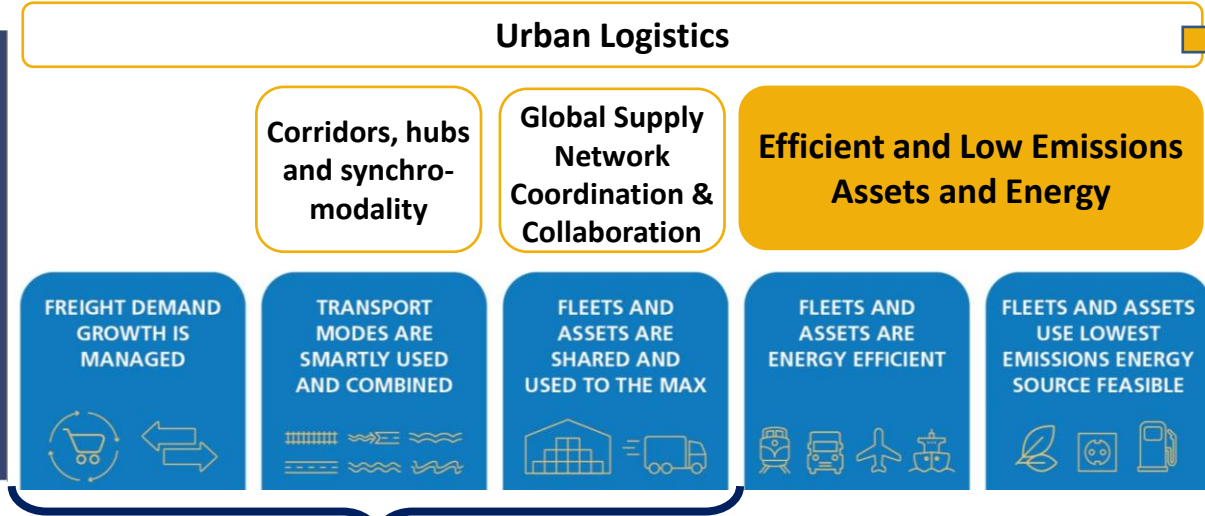
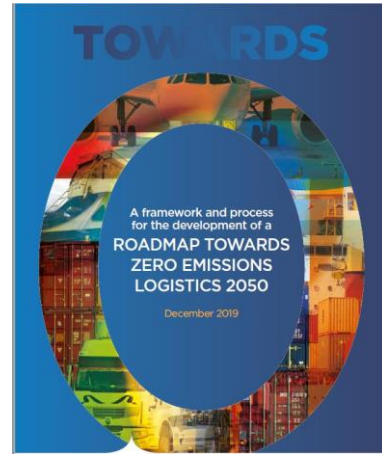
## ALICE VISION

Freight transport and logistics is  
climate neutral and zero emission.  
Physical Internet paves the way to  
achieve this transition in an  
affordable way

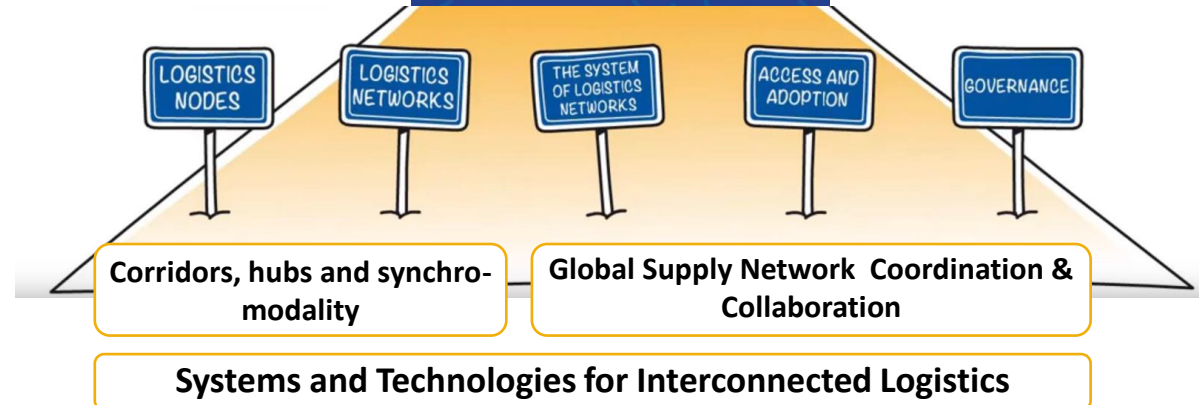
## ALICE MISSION

Support our members and  
stakeholders to achieve logistics  
decarbonization in an affordable  
way

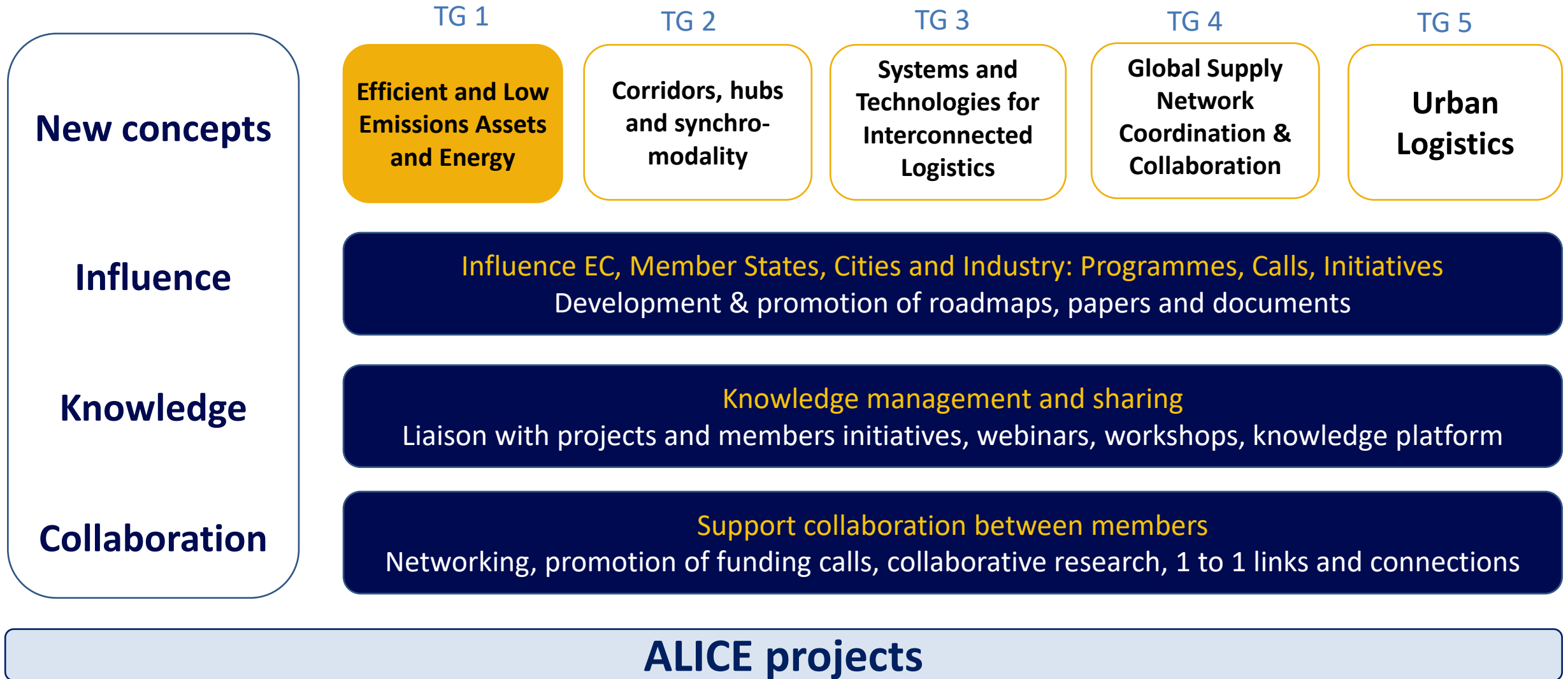
Having a clear medium-long term  
roadmap supports ALICE and its  
members to focus on short term  
actions and impacts



Making assets  
transition affordable!







## Efficient and Low Emissions Assets and Energy

2ZERO: Zero Emissions Road

Hydrogen Europe

GHG emissions measurement and reporting (SFC)

Low emissions assets availability

## Corridors, hubs and synchro-modality

Europe's Rail Partnership

5th Transport Mode

Air Cargo

Inland Waterways

MoU with Waterborne

Resilient Transport Networks

## Systems and Technologies for Interconnected Logistics

Data sharing, DTLF and eFTI

CCAM-Autonomous Road Transport

Blockchain

Digital Twins

5G

AI

## Global Supply Network Coordination & Collaboration

Targeting & learning

Applied Collaboration streams

## Urban Logistics

Deepen initiatives

Pilot projects with cities

Sharing experiences

## Influence

Development of roadmaps and papers

Vehicle availability

FIT for 55

Increase load optimization

Reduce empty KMs

Carbon profile assessment of EU freight

Urban Logistics

Coordination & Collaboration

Logistics Nodes

Data sharing

Outreach & Promotion

consultations

Events participation

Horizon Europe Funding Calls

## Knowledge management and sharing:

R&I projects Liaison Programme

Knowledge Platform

Webinars and workshops

## Support collaboration between members:

Enable 1 to 1 connections

CEF Calls

Horizon Europe

BOOSTLOG

ENTRANCE

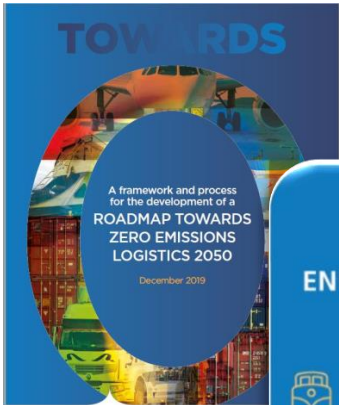
PIONEERS

FENIX

MORE

Proposals preparation

TRA 2022



**Pieter Leonard**  
ALICE TG1 Chair



**Fernando Liesa**  
TG1 Programme Coordinator



**Pablo Segura**  
TG1 Support



**Andrea Condotta**



**Graham Major-Ex**



**John Smith**



**Lóri Tavasszy**



**Rik Arends**



**Alain Baeyens**

2zero partnership  
connection

The wider perspective  
on green transportation

Practical application of  
zero emission roadmap

Connection bussiness to  
reserach community

GHG Footprint  
measurement and  
reporting

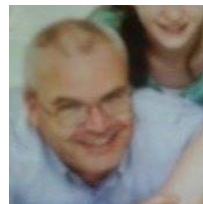
Roadmap promotion





Inspiring Alice members  
Informing about european initiatives  
Representing industry towards EC  
Zero carbon heavy goods vehicles(HGV)

Providing unbiased information  
Connecting Business to academia  
Promote zero emission roadmap



## 2zero partnership connection

1. Inform and promote 2 zero activities to members
2. Advocate Alice perspective in 2 zero partnership
3. Support other activities with in company experience and cases

## The wider perspective on green transportation

1. Create webinar with biofuel providers and other relevant players
2. Participate in EU MEP conversations with other committee members and input to position paper

## Practical application of zero emission roadmap

1. Roadmap to zero carbon Rigid Medium duty (16tn) and heavy goods vehicles (HGV)  
Vehicles availability

## Connection bussiness to reserach community

1. Link to academic community on needs and bring to the discussion.
2. Facilitate discussion with FIT for 55.

## GHG Footprint measurement and reporting

1. Provision of information, trends and potential on Low and Zero emission fuels.
2. Open Smart Freight Center relevant initiatives to ALICE members participation

## Roadmap promotion and eduction

1. Supporting horizontally the activities
2. Leading TG1 meeting preparations