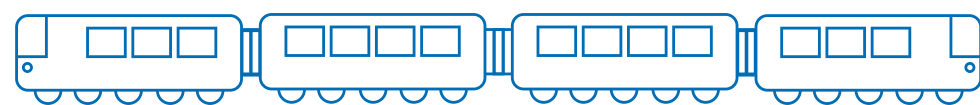




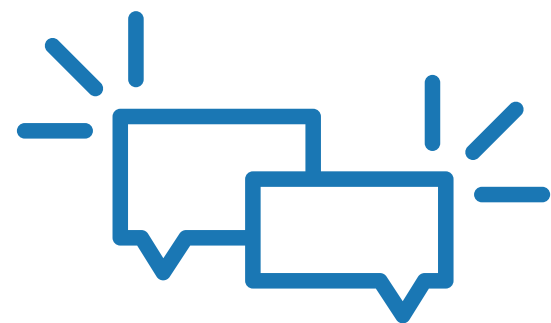
Polis Network

**80+ members
from small towns
to big regions**





Activity



Working Groups



EU projects



Policy & Advocacy



Polis pillars & working groups

Environment & Health



- **Active Travel & Health**
- **Clean Vehicles & Air Quality**

Traffic Efficiency



- **Traffic Efficiency:** ITS, traffic management, automation, MaaS, data,...

Access



- **Economic & Social Access**
- **Parking**

Road Safety & Security



- **Road Safety:** VRUs, data collection, vehicles and ISA, ...

Governance



- **Governance & Integration**
- **Small and medium sized cities platform**
- **Urban Freight**

Test innovative measures

- European research and innovation projects
- Transfer of knowledge and good practices
- Local Living Labs

The logo for FR Revue, featuring the letters 'FR' in a stylized font, followed by 'Revue' in a sans-serif font. A red dot is positioned at the end of a green line that underlines the text.The logo for ASSURED, with the word 'ASSURED' in a bold, blue, sans-serif font. A green line with a yellow square and a red dot at its end curves under the text.The logo for ReVeAL, featuring the text 'ReVeAL' in a green, sans-serif font, followed by a green icon of a person's head and shoulders.



Access regulation

“Create a more common approach amongst cities and Member States to issues such as vehicle categories, enforcement, exemptions, pricing, and information provision”
(EC Non-binding guidelines UVAR)

- Facilitate the **exchange of best practices** and **capacity building** for cities
- Make **traffic information available** to users in real time
- Increase the **systems transparency** and make information available to users and operators
- **Collect data** on existing schemes and **evaluate** their effectiveness
- **Address the fragmentation** of the schemes while respecting subsidiarity





Regulate to innovate

Different functions

Private sector role expansion

Changes in user expectations

Technological progress

➔ The demarcation between public and private sector becomes more confusing

Need for public sector oversight

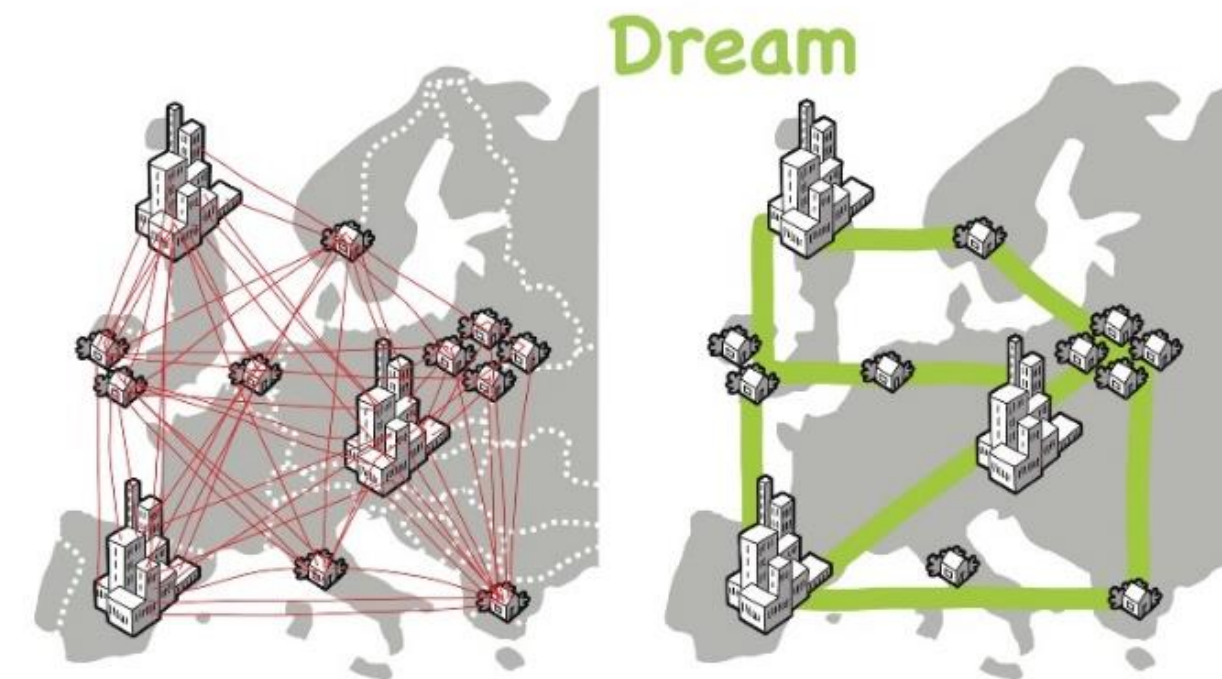
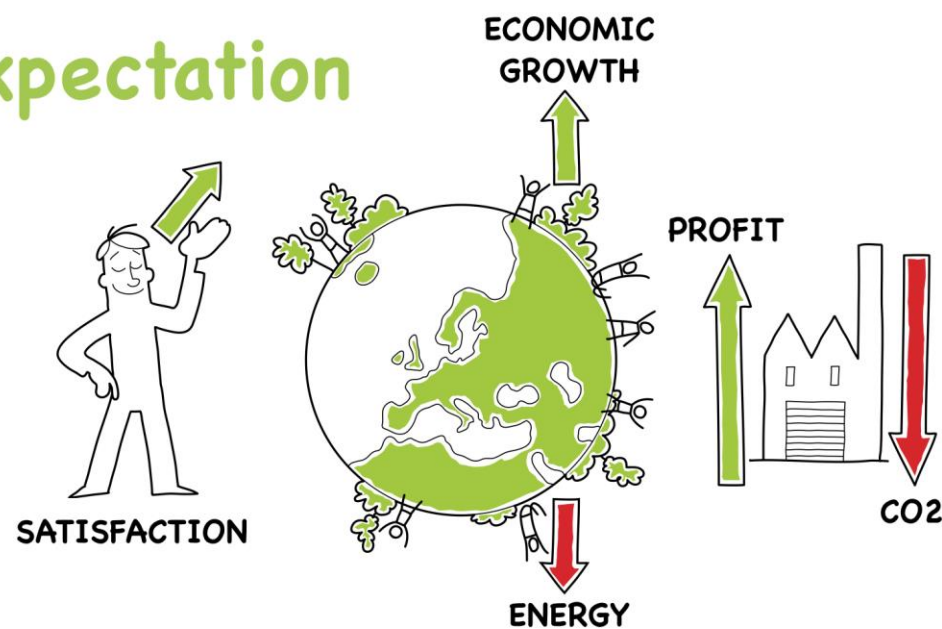
Close cooperation with private sector

alice | Alliance for Logistics Innovation through Collaboration in Europe

THE European Technology Platform for Logistics Research & Innovation
Formal mandate of the European Commission in defining R&I Program*

* [What are the European Technology Platforms, what do they do and what is the European Commission Role](#)

Expectation

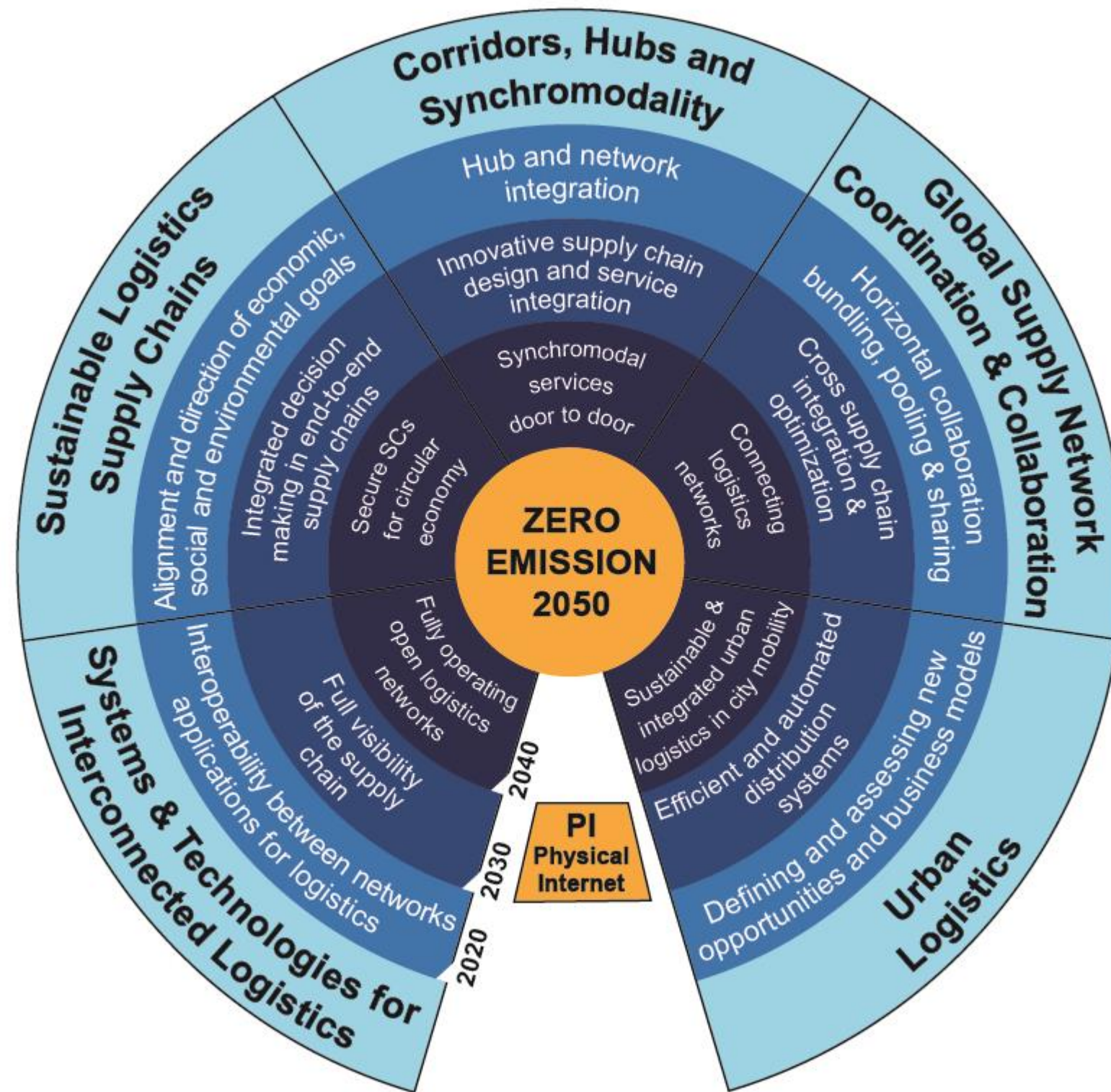


ALICE membership per type of organization

Type of Organization	Members	EU/International Associations
Shippers & Retail		
Logistics Service Providers, Courier and Postal operators & Freight Forwarders		
Ports, Hubs, Intermodal terminals & Transport Infrastructure		
Vehicle Manufacturers & Logistics operations, handling (modular units)		
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

ALICE Themes and Roadmap



ALICE VISION is to realize Physical Internet by 2030 to pave the way to Zero Emissions by 2050

(Zero Emissions Urban Freight in main European Cities)

Physical Internet concepts bring efficiency and sustainability to Logistics. It cannot fully solve the **Decarbonization Challenge**, but it will make it less onerous to meet.

And can deliver results in the critical next 10 years

Which are the challenges addressed through the Physical Internet?

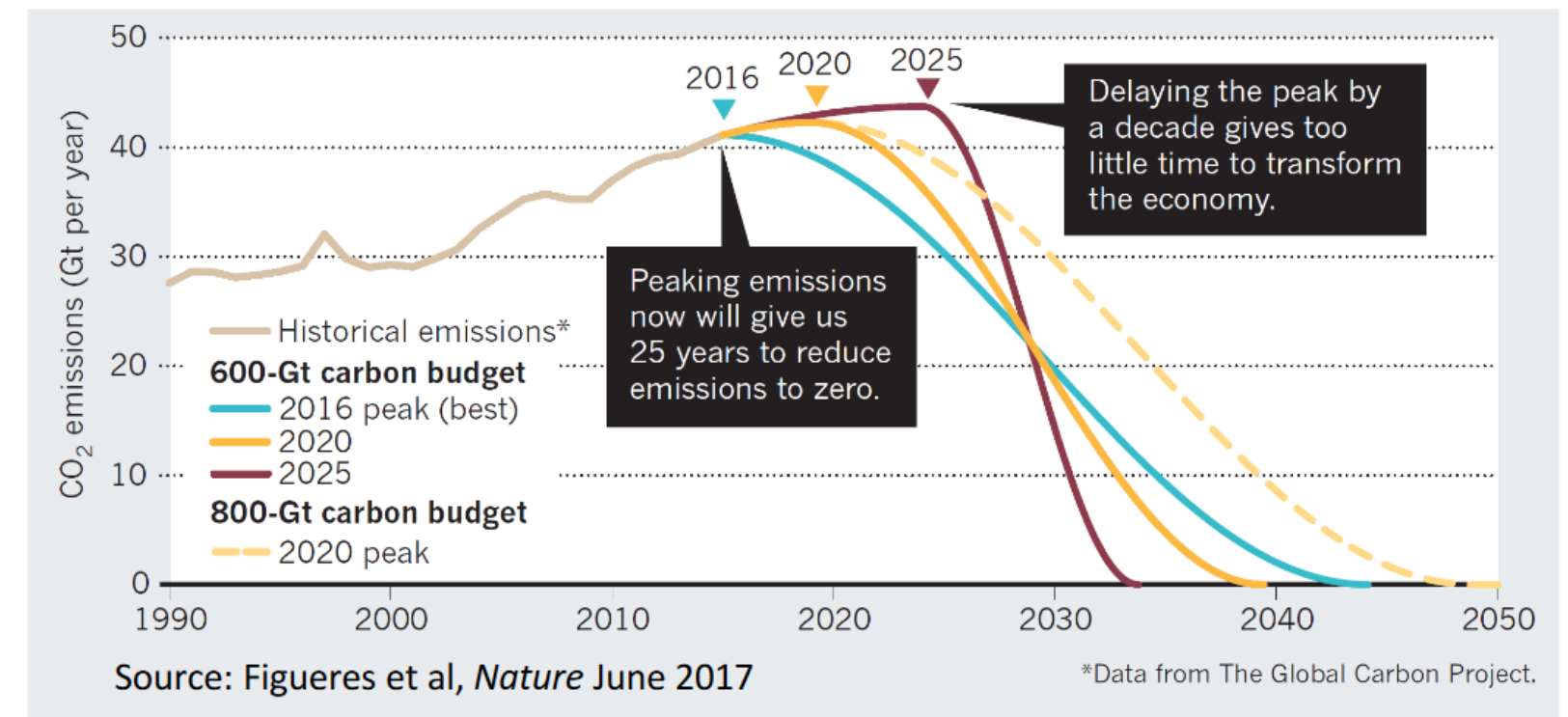
- We need to move fast to meet Climate Targets!
- Moving to greener assets and energy is not enough → **too slow** and **unaffordable!**
- **Short term opportunity?**
 - Existing **idle capacity of assets and infrastructure** in all modes of transport:

Empty trips in all modes, low load factors, few items delivered per stop, overloaded vs unused infrastructure, congestion, too many returns, too fast/dedicated inefficient deliveries...

How can we leverage these benefits? → Opening and connecting non-efficient networks

Carbon Budgeting

Need to stay within tight carbon budgets to limit temperature rise to 1.5-2.0°C



<https://bit.ly/2WGTINT>

Need to embed concept of carbon budgeting into logistics decarbonisation strategies



Cities & Industry Dialogue Group presentation

Giacomo Lozzi, Polis Network

Fernando Liesa, ALICE

Cities, regions & industry involved

Large Cities		Medium / Small Cities		Regions
<ul style="list-style-type: none"> • Amsterdam • Brussels Mobility • Budapest (BKK) • Dresden • Dublin • Gothenburg 	<ul style="list-style-type: none"> • Lisbon • London (TfL) • Madrid • Paris • Rome • Rotterdam 	<ul style="list-style-type: none"> • Bilbao • Ghent • Groningen • La Rochelle • Leuven 	<ul style="list-style-type: none"> • Liège (Groupement de Redéploiement Economique) • Helmond • Southampton 	<ul style="list-style-type: none"> • Arnhem Nijmegen City Region • Flanders MOW • Ile-de-France • Manchester (TfGM) • Province of Noord-Brabant

Type of Company	Members			
Shippers & Retail				
Logistics Service Providers, Courier and Postal Operators & Freight Forwarders				
Real Estate				
Vehicle Manufacturers				
ICT & Technology				



Vision and Objective

Vision: Lead transformation in cities so urban freight and logistics is proactively responding to the pollution, congestion, safety and environmental challenges.

Objective: Ensure a strong strategic industry & cities dialogue to share practices and facilitate collaboration models between cities and industry to prioritize topics and accelerate deployment of solutions towards sustainable zero emissions urban freight and city logistics

Collaboration, Courage and Data



Approach

Framework for compilation, sharing and discussion of measures, practices, policies and experiences



- Learning, take up, scale and replication
- Consensus building: matching / conflicting interests between cities & industry
- Identification of remaining gaps

Provide direction to cities, regions, industry and European Institutions



- Define common targets and shared principles
- Speed up innovation implementation
- Directions to Horizon Europe Program



Activities & outcomes



- **Position paper:** brief document including main focus points, key messages and shared principles to give direction to cities, regions, industry and European Institutions.



- **Web-meetings** with key participants: present cases, discuss implications for both private and public sectors and identify success factors



- **Physical meeting(s):** Share and discuss strategy and define priorities.



- **Best practices compilation:** living PPT document with measures, practices and policies that prove to be effective for both public-private sectors, are scalable and transferable.

Solutions areas & interventions



Smart Governance & Regulations

- Safety and Sustainability Urban Logistics Plans and emission reduction targets
- Rewarding, recognition, incentives and subsidies schemes
- Access Regulations Low Emission Zones
- Enforcement & Trust
- Stakeholders collaboration



Clean & alternative fleet

- New business models for take up of low emissions vehicles
- Procurement of zero-emission goods & services
- e-charging infrastructure
- Energy mix
- Transport modes are smartly used and combined



Urban freight & logistics operations

- Stop double parking
- Redefinition of delivery/logistics spaces
- Micro-hubs & consolidation strategies
- Decoupling transport and delivery
- Off peak deliveries → low noise operations
- Space management: Multi-use lanes, smart L/U bays, geofencing and sensors
- Retail offering



Purpose oriented data acquisition

- Better understand urban freight
- Information based policies and decision making



People engagement

- Consumer behaviours
- Workers skills and safety

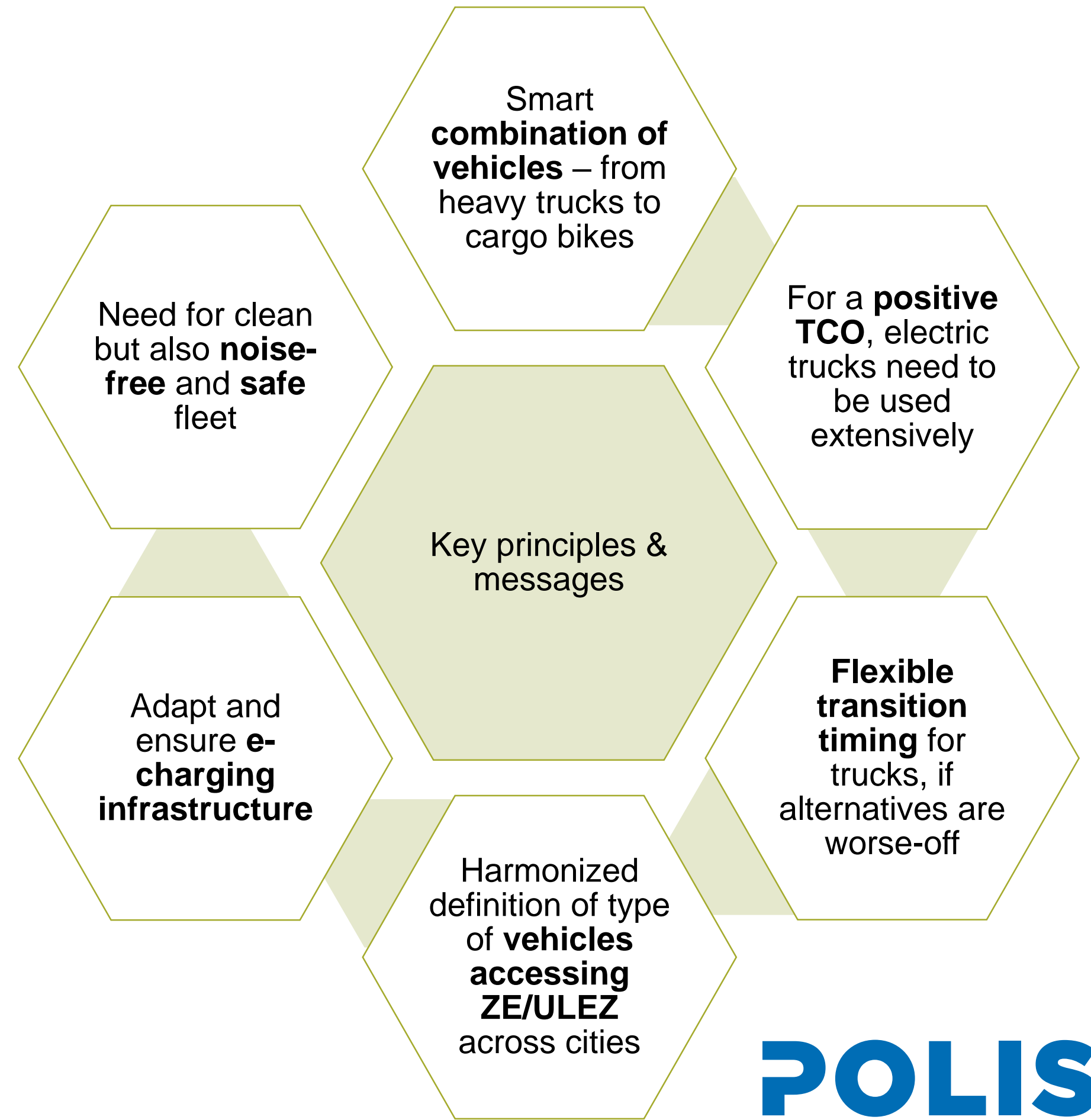


Smart Governance & Regulations





Clean & alternative fleet





Urban freight & logistics operations

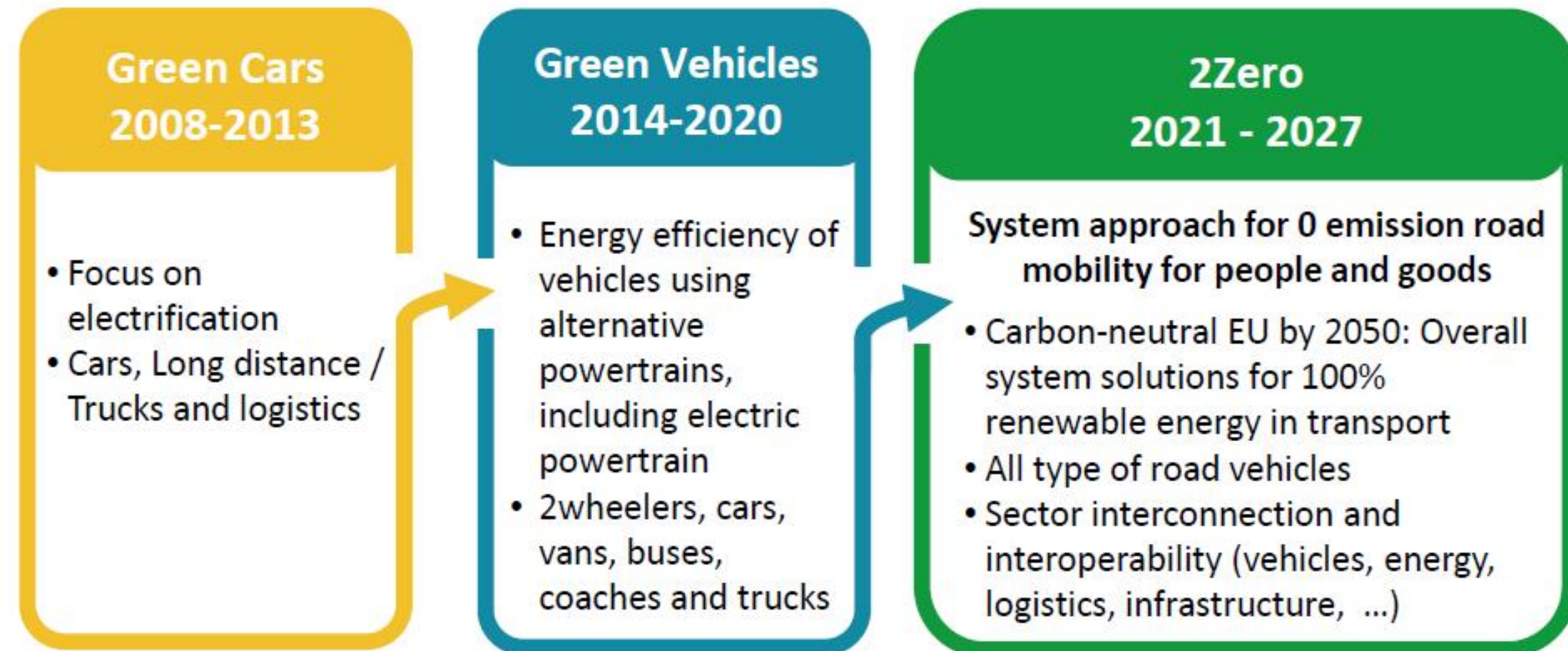


Partnership Towards Zero-emission Road Transport (2ZERO)

From a vehicle focus to a
system approach



EGVI
European Green
Vehicles Initiative



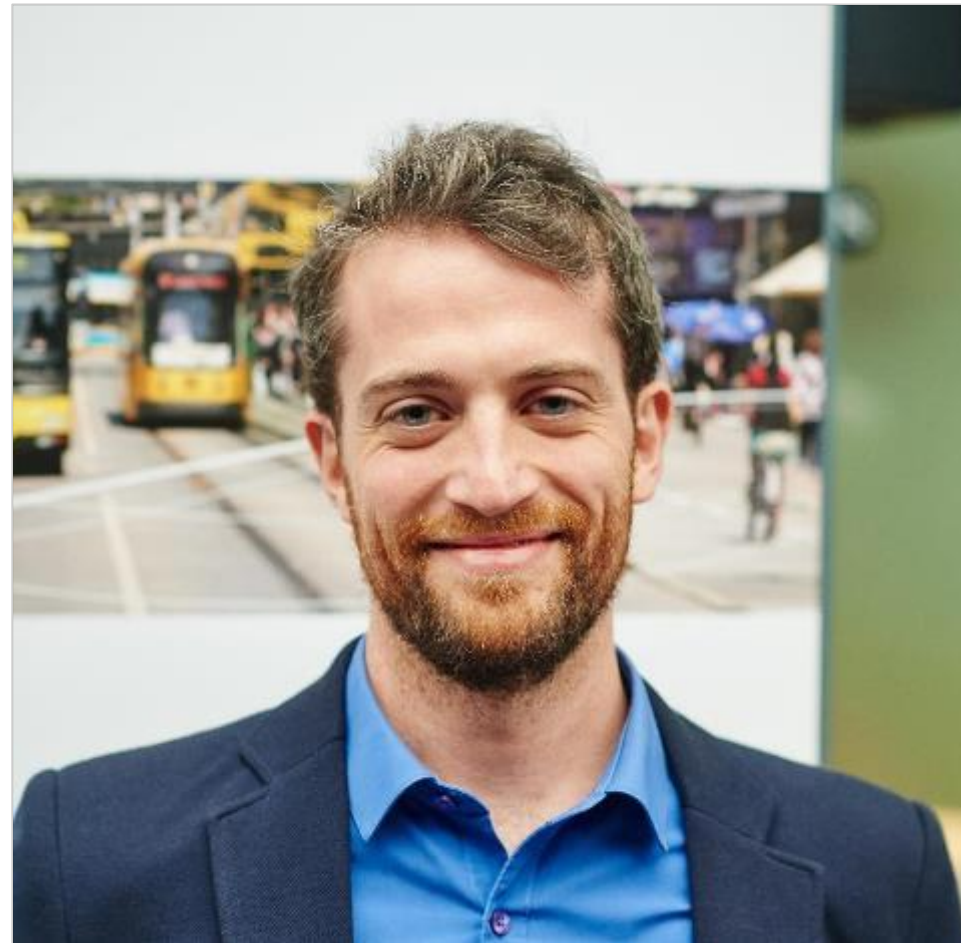
The Call for Sponsors & Exhibitors is now open!

2-3 DECEMBER 2020 | ARNHEM-NIJMEGEN CITY REGION, NETHERLANDS

- **Polis-ALICE Position paper** launch: document including main focus points, key messages and shared principles to give direction to cities, regions, industry and European Institutions.
- **Urban Mobility Green Deal-Makers Summit:** city and regional political representatives will engage in a dialogue with EU representatives, to show their side of the Green Deal, and discuss how the EU can support the local and regional level to perform even better!
 - Tell us all about your local actions to make transport better by completing the online form (under construction).

Thank you!

Questions?



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