

Charging ahead: Overcoming barriers for scalable Megawatt Charging Solutions in Europe

30th
May | **10.00 to 11.30** CEST



TG1



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Alliance for
Logistics Innovation
through Collaboration
in Europe

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Welcome and session introduction

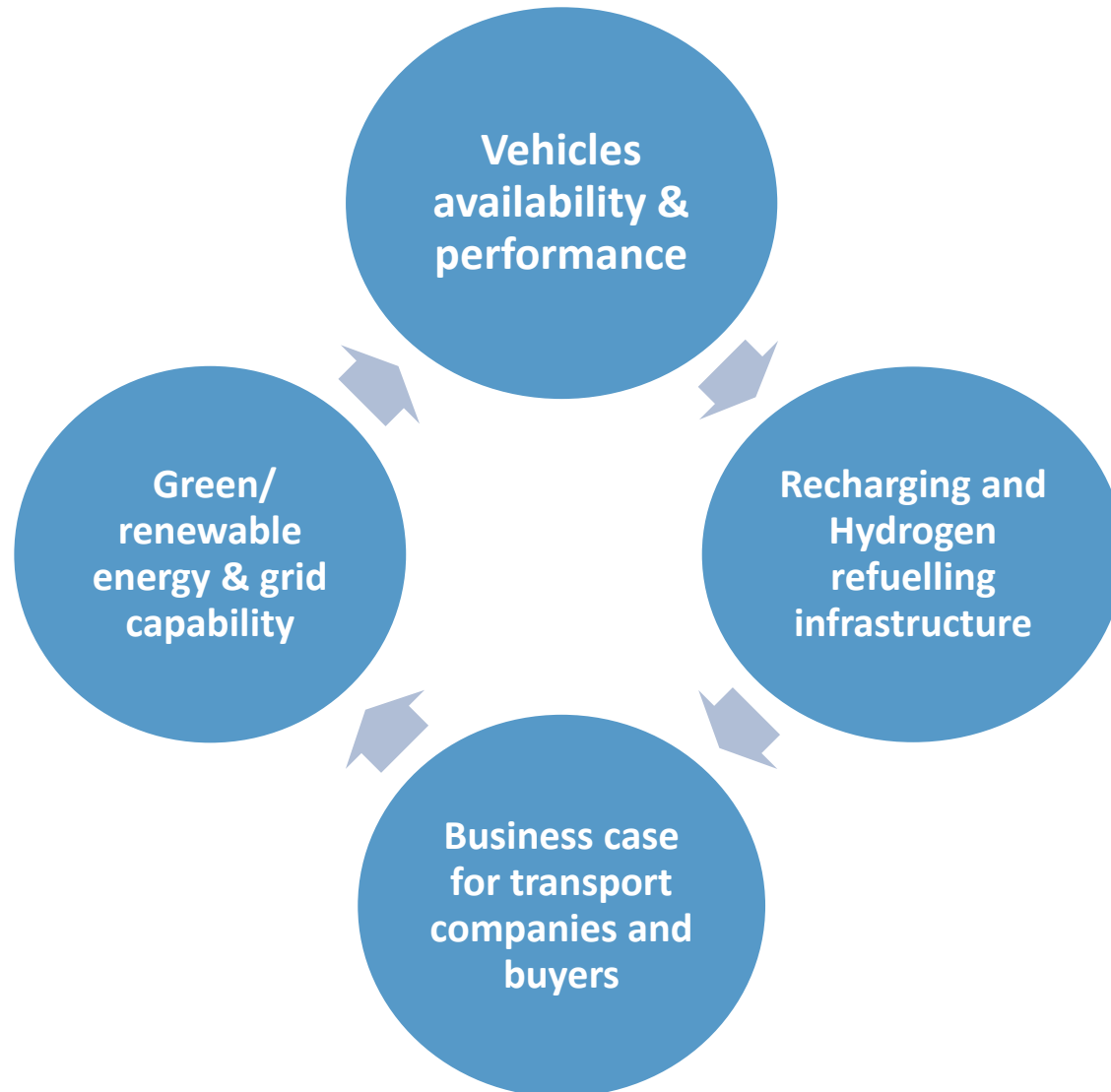
Fernando Liesa
Secretary General

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The full system in place for mass adoption of electric trucks

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



ALICE programmes, activity fields and projects

Efficient and Low Emissions Assets and Energy

Road Transport electrification

Automated road transport

GHG emissions measurement and reporting (SFC)

Corridors, hubs and synchromodality

Europe's Rail and ERRAC

5th Transport Mode

Waterways and SSS

Ports & hubs

Resilient Transport Networks

Systems and Technologies for Interconnected Logistics

Data exchange, DTLF and eFTI

5G

Artificial Intelligence

Digital Twins

Global Supply Network Coordination & Collaboration

ALICE EXPRESS

Increase use of rail

Applied Collaboration Streams

Urban Logistics

Governance and regulations

Clean & alternative fleet

Urban data

Innovative operations

Consumer engagement

EC Expert Group on Urban Mobility (EGUM)



Innovation uptake & Knowledge Management

Innovation uptake strategy

ALICE logistics innovation awards

R&I projects Liaison Programme

Knowledge Platform

Influence

EU policy monitoring

Horizon Europe Funding Calls

FP 10

Partnerships & networks

Membership engagement Value creation for members

Follow up meetings with members

Funding opportunities

Women in Logistics

Logistics Clusters

Networking

¹Key events

ALICE Brokerage

T&L Munich

ALICE Summit

IPIC 2025 & 2026

TRA 2026

Electrification of Heavy Duty Road transport

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Accelerating freight transport electrification partnership – 200 M€

Timeline

2023

2024

2025

2026

2028

2030

Vehicles



Large Scale ZE-HDV Demonstrations

Bringing together

- next generation of trucks
- next generation of energy infrastructure
- logistic models
- integrated approach for the tools



Infrastructure



Battery Electric Vehicles (BEV) **long-haul logistics use cases**



Logistics Models

to achieve a holistic approach for electrification ready for competitive adoption in a wider range of applications including HD-Long Haul

Tools → Management of electric fleets and operations

Charging ahead: Europe's path to scalable Megawatt Charging

Europe's Current MCS Landscape

Decarbonisation Imperative

- Heavy-duty road transport CO₂ targets drive urgency for ultra-fast charging

Emerging MCS Infrastructure

- Pilots and early hubs enabling up to 80 % state-of-charge in long-haul operations

EU Policy & Corridor Vision

- AFIR/AFIF frameworks and Clean Transport Corridor Initiative setting deployment milestones

Key Barriers & Pain Points



Regulatory Alignment

- Varied national roll-out timelines;



Grid & Site Prep

- Grid-connection delays
- Permitting for MV substations



Commercial Models

- High CAPEX/OPEX vs uncertain utilization on freight corridors

Webinar Concept: From Policy to Practice



AFIR, AFIF & Corridor Roll-out

- Rein Juriado (EC) on regulatory drivers



Partnerships & Projects

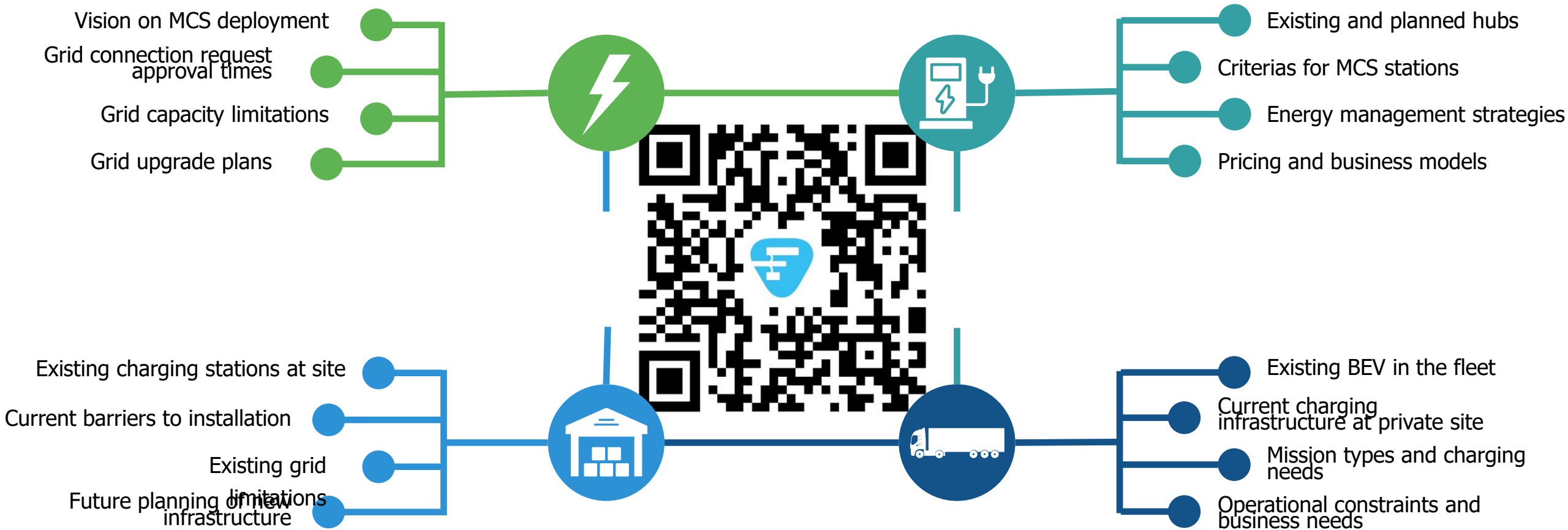
- Lucle Beaumel on 2Zero objectives
- FLEXMCS project
MACBETH project



Operational needs

Stakeholder requirements

FLEXMCS survey insights



DSOs/TSOs



CPOs



Logistics
hub owner



Logistics
Service Providers

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Thank you!

The Best Way To Predict The Future Is To Co-Create It!

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

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