

Real-World Energy Efficiency and Emissions of Electric Freight Vehicles

05th
May | **15.00 to 16.30** CEST



Smart Freight
Centre



TG1



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Alliance for
Logistics Innovation
through Collaboration
in Europe

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European initiatives and projects accelerating road freight electrification

Fernando Liesa
Secretary General

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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)

Projects

ZEFES

CLEVER

FLEXMCS

MultiReload

Cristal

REMUNET

AUTOSUP

Seamless

DELPHI

DISCO

LOGeHUBS

MODI

MACBETH

STRENGTH-M

PIONEERS

SARIL

FOREMAST

AUTOMOTIF

URBANE

GREENTURN

Shift2Zero

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

Key events

ALICE Brokerage

T&L Munich

ALICE Summit

IPIC 2025 & 2026

TRA 2026

EU legislative pipeline

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Source: ALICE Policy Monitoring: <https://knowledgeplatform.etp-logistics.eu/enrol/index.php?id=309>



Official Journal
of the European Union

EN

L series

2025/794

16.4.2025

DIRECTIVE (EU) 2025/794 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 14 April 2025

amending Directives (EU) 2022/2464 and (EU) 2024/1760 as regards the dates from which Member States are to apply certain corporate sustainability reporting and due diligence requirements

(Text with EEA relevance)

Greening Corporate Fleets Initiative

Accelerate the **shift of corporate vehicle fleets to zero-emission vehicles (ZEVs)** as part of the EU Green Deal and Sustainable and Smart Mobility Strategy.

Key Actions Proposed:

- Mandatory ZEV targets for large fleets (e.g. 100% ZEV purchases by 2030)
- End tax breaks for fossil-fuel corporate cars
- Expand EV charging infrastructure

Automotive Action plan and Strategic Dialogue

Digital topics feature heavily in the Strategic Dialogue and Automotive Action Plan



Ursula von der Leyen
President



Jan 30 – Kick-off
Mar 3 – Closing with Pres VdL



Henna Virkkunen
EVP



Stéphane Séjourné
EVP



Roxana Minzatu
EVP



Wopke Hoekstra
Commissioner



Apostolos Tzitzikostas
Commissioner

Dialogues with 5 other EVPs/Commissioners

Feb 17, Strategic Dialogue with EVP Virkkunen



26 participants, 4 Focus topics

- 1 Software-Defined Vehicles (SDVs) for connected, autonomous, and electric mobility
- 2 Automotive Hardware and critical technologies
- 3 Data Access and Pooling
- 4 Regulatory simplification



Hand-over of the **“Declaration to collaborate on an EU Software-Defined Vehicle”** signed by 15 OEMs, Tier 1 suppliers, and DE, FR, IT Automotive associations



March 5 – Publication of the Action Plan for Automotive

The outcome of this dialogue will be a comprehensive Action Plan

5 Chapters:

Innovation and Digitalisation

Decarbonisation

Competitiveness and supply resilience

Skills and Social dimension

Level playing field and business environ.



European
Commission

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

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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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