

# Real-World Energy Efficiency and Emissions of Electric Freight Vehicles

**05<sup>th</sup>**  
May | **15.00 to 16.30** CEST



**Smart Freight  
Centre**



**ZEFES**



**CLEVER**



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## Closing and Next opportunities for engagement

***Fernando Liesa***



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# KEY TAKEAWAYS

- Policy and market will drive the **increase of use of electric trucks** in a broader range of use cases and applications. However, postponements in obligations are not good sign!
- **Measuring and reporting transport emissions** → from voluntary schemes to obligatory schemes?
- **Understanding the actual impact of electrifying road transport on emission reductions stays a challenge** (e.g. losses in charging  $\approx 10\%$ , mass penalty up to 33%, time penalty – Charging, Renewable in the electricity mix)
- **Research and Innovation projects pushing technical and operational boundaries for mass adoption** → Charging in warehouses, ERS, ...



- **Understanding the landscape of technologies and options is a must now.** Operating electric trucks is by far much more complex than diesel trucks

Active poll

36

How familiar are you with the GLEC Framework or ISO 14083?

Heard of it – but I am not very familiar with the details.

31%

Somewhat familiar – I have read or referred to it occasionally.

28%

Very familiar – I use it regularly.

25%

Not familiar at all.

17%



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

30<sup>th</sup> May | 10.00 to 11.30 CEST



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We are on site and look  
forward to your visit.

Hall A3  
Stand 400

June 2–5, 2025  
Messe München

  
the leading exhibition

NEXT STEPS  
VISIT US AND EXPLORE  
A WIDE RANGE OF  
INNOVATIVE  
SOLUTIONS!!

## Next-Generation Hydrogen and Electric Heavy-Duty Vehicles

### Date and time

📅 Thursday, June 5 · 11 - 11:40am CEST

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we move mountains



Zero-Emission Road Freight Transport

## Electrified Road Systems

State-of-the-art and Path Forward

11<sup>th</sup> June 14:00 -15:30

Save the date and time!

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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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