



ZEFES



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Objectives

1

Real-world demonstrations of long-haul BEVs and FCEVs across Europe.

2

Pathway for long-haul BEVs and FCEVs to become more affordable, reliable and more energy efficiency.

3

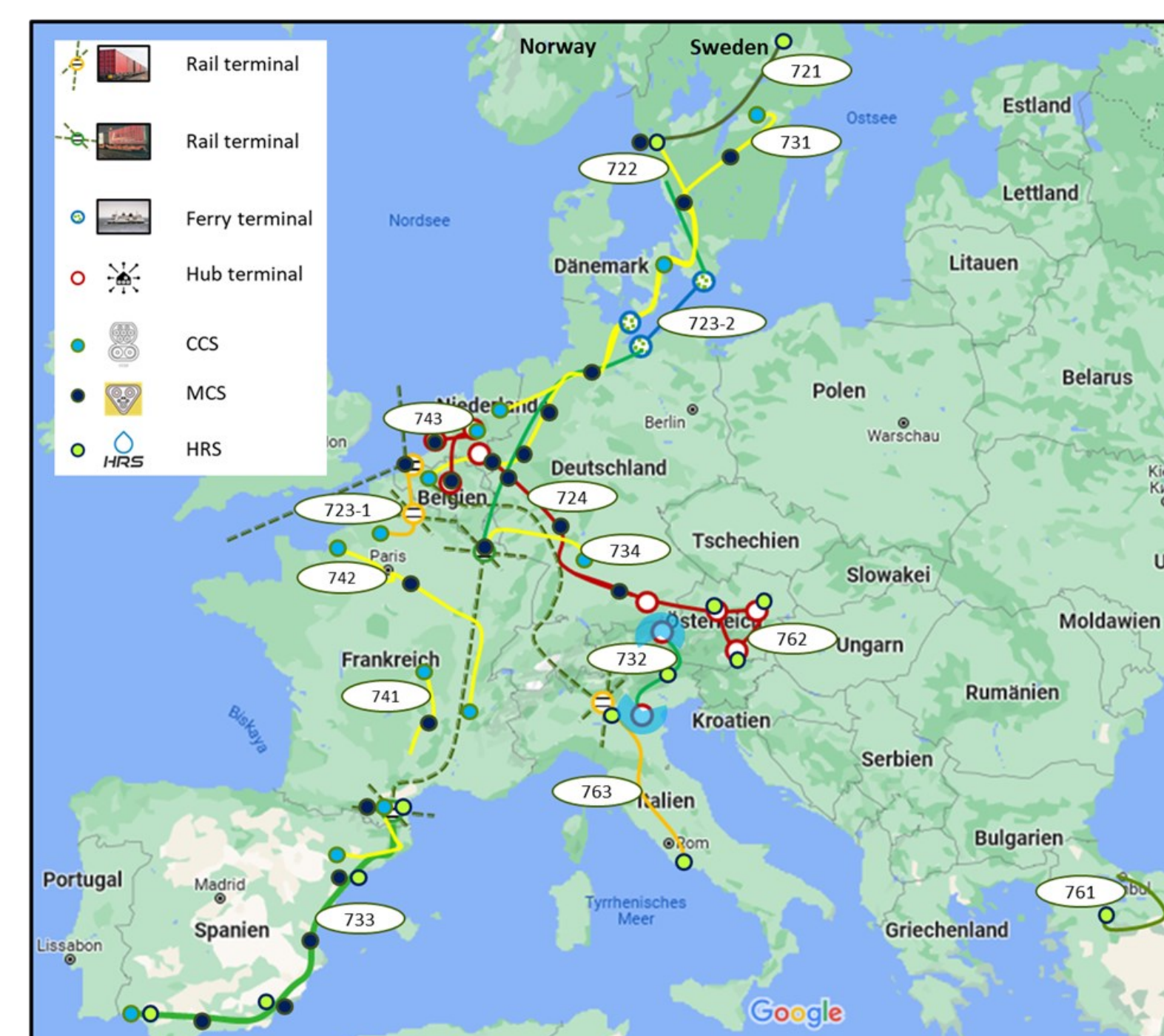
Mapping of flexible and abundant charging/refuelling points. Demonstrate novel charging concept.

4

Technologies which can deliver promised benefits to operate in complex transport supply chains.

5

Digital Twin for fleet management to support the long-haul BEVs and FCEVs vehicles in the logistics supply chains.

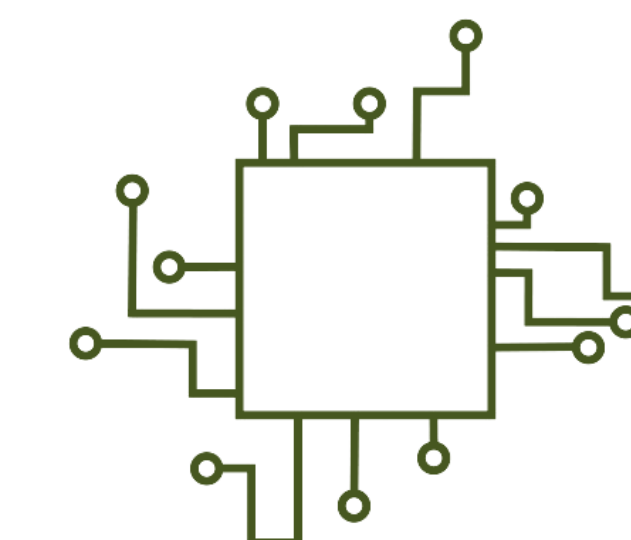


Impact

>1Mio kilometres of data for validation and assessment

30.000hr expected lifetime of FC

Technology



- 9 vehicle configurations, 6 BEV, 3FCEV, 2 e-trailers, Standard configuration 44t, EMS1 & EMS2 up to 64t GCW.
- Fast charging concepts, 400km after 40min charging.
- HRS up to 750km between refuelling.
- Digital Twin Platform for ZE-HDV in fleets, design, configuration and efficient operation.

Demonstrations



- 15 demonstrations over 15 months.
- 13 logistics service providers & shippers & carriers.
- TEN-T/E corridors under real-world conditions.
- Intermodal (rail & ferry) and cross border.



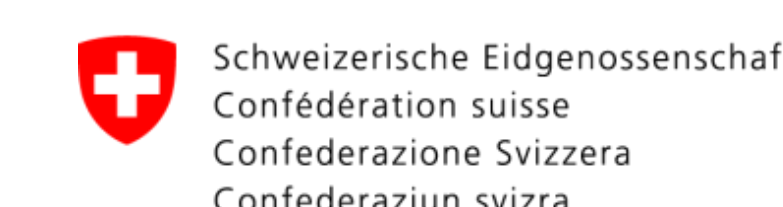
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www.etp-logistics.eu/zefes/

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