



CINEA

EU funding opportunities for innovative road transport solutions
& examples of scaled-up technologies

4 October 2022



EU funding opportunities for innovative road transport solutions

CEF

*Richard Ferrer, Head of Sector
Innovation (CEF)*

AFIF call priorities

Zero Emissions

Electricity recharging infrastructure

Unit contributions

Electricity & Hydrogen infrastructure

Co-funding rate



LDV

Road

150 & 350 kW



HDV

Electricity



Hydrogen



Low Emissions

LNG refuelling infrastructure (co-funding rate)



EC Financial support

Unit contribution	Electric Charging points				Grid connection	
	Min 150 kW		Min 350 kW			
	Gen Env	Coh Env	Gen Env	Coh Env	Gen Env	Coh Env
	20.000 €	30.000 €	40.000 €	60.000 €	20.000 €	30.000 €

Co-funding rates

Zero emissions

H2 & Electrification (incl. vessels)

General

Cohesion

30%

50%

Low emissions

LNG

General

Cohesion

10%

20%

Deadline for submission

3rd cut-off



10 November 2022

4th cut-off

13 April 2023

5th cut-off

19 September 2023

Connecting Europe Facility Transport Call 2022

** Open for submission**



Works / Studies /
Mixed

Intelligent Transport Services for road (ITS)

(CEF-T-2022-SIMOBGEN-ITS)

Actions to be supported:

- deployment or upgrade of ITS infrastructure and services
- deployment of C-ITS stations to provide C-ITS services based on the hybrid communication approach defined in the European C-ITS Strategy
- projects related to the coordination, harmonisation and monitoring of ITS and C-ITS deployment to foster EU-wide continuity and interoperability of services
- where relevant, projects shall take into account the innovative new technologies and solutions in the fields of smart applications for transport resulting from Horizon Europe activities

Maximum co-funding rates:

General envelope: 50%



EU funding opportunities for innovative road transport solutions

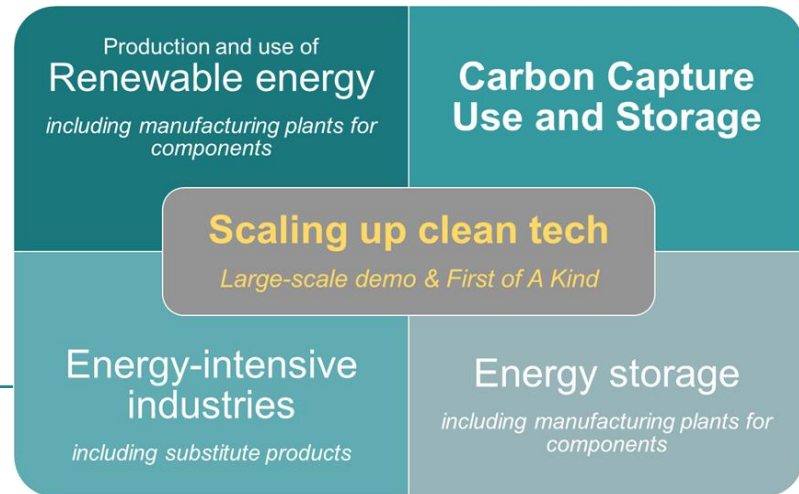
Innovation Fund

*Renata Kadric, Project Manager
Innovation Fund*

EU funding opportunities for innovative road transport solutions – Innovation Fund



- The Innovation Fund - around EUR 38 billion of support from 2020 to 2030 (at EUR 75/ tCO₂) for the commercial demonstration of innovative low-carbon technologies, aiming to bring to the market solutions to decarbonise Europe and support its transition to climate neutrality.



- CINEA current IF portfolio - 37 projects (total grants of around €1.25 billion). Additional 17 large-scale projects (of around €1.8 billion) are currently under GAP.

IF Dashboard:

<https://tinyurl.com/bdd7hswy>

- Some examples of road transport related projects:
 - Production and use of alternative fuels** in the road transport sector (hydrogen, electricity, biofuels, synthetic fuels etc.)
 - Transport of alternative fuels** (e.g. hydrogen) or CO₂ via road transport
 - Innovative **energy storage technologies**, such as Vehicle-to-Grid

CALLS 2022-2023

2022 LSC

Launch: November 2022

Deadline: March 2023

Results: Q3 2023

Budget: **expected EUR 3 bn**

2022 SSC

Launch: Q2 2023

Deadline: Q3 2023

Results: Q4 2023

Budget: **expected EUR 100 million**



EU funding opportunities for innovative road transport solutions

LIFE

*Silvia Donato, Project Manager
LIFE Environment*

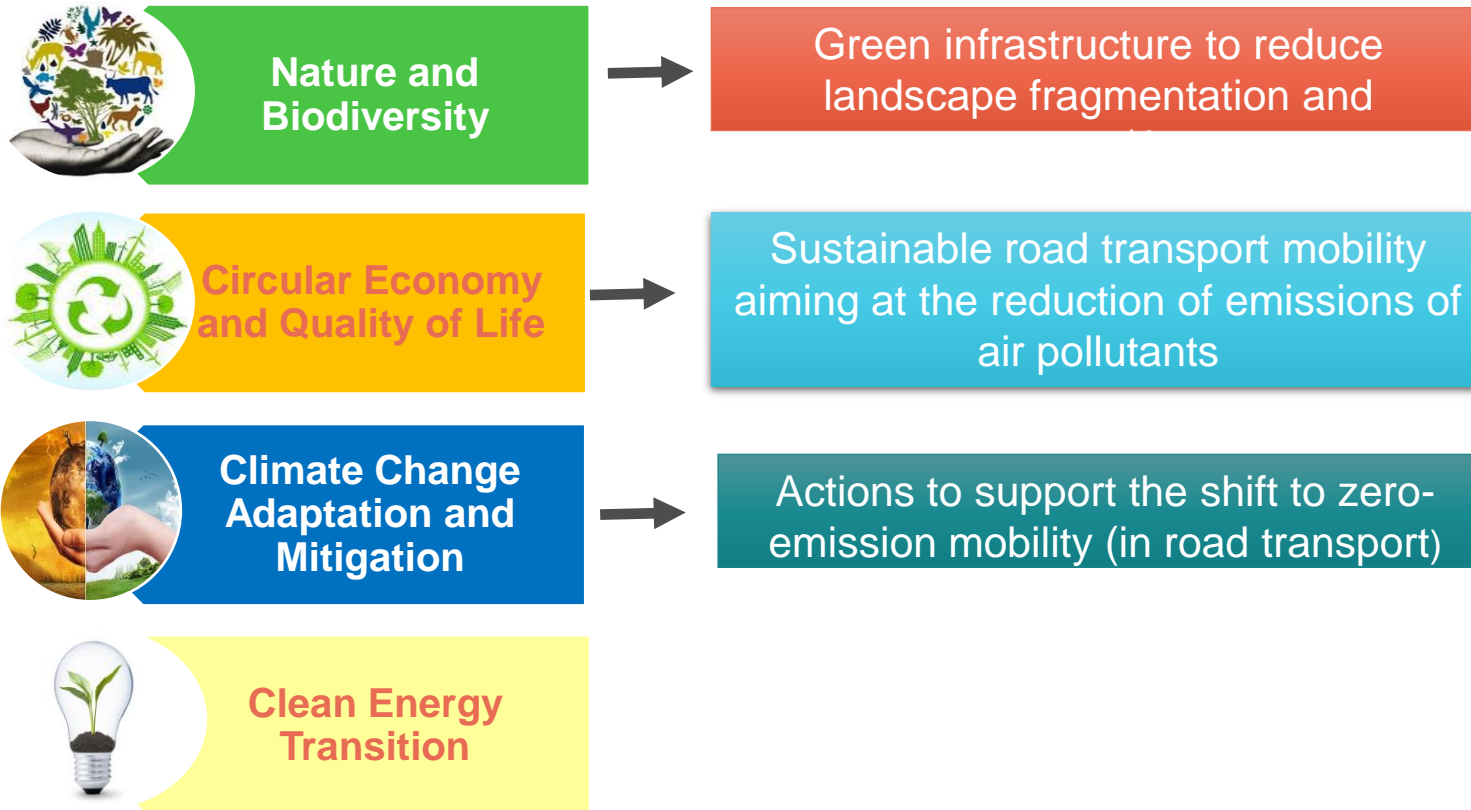


EU funding opportunities for innovative road transport solutions – LIFE

4 Sub-programmes
5.400 M€ (2021-2027)

Priorities relevant to
sustainable road transport

Funding opportunities



Open until 4 October 2022





Examples of scaled-up technologies

*Richard Ferrer, Head of Sector
Innovation (CEF)*

CEF - AF in synergy with Horizon – The Merhlin project

9 Beneficiaries
4 Member States

Feb. 2016
Dec. 2022

Cost €11m+
CEF €5m+

7 Hydrogen Refuelling
Stations

70+ buses

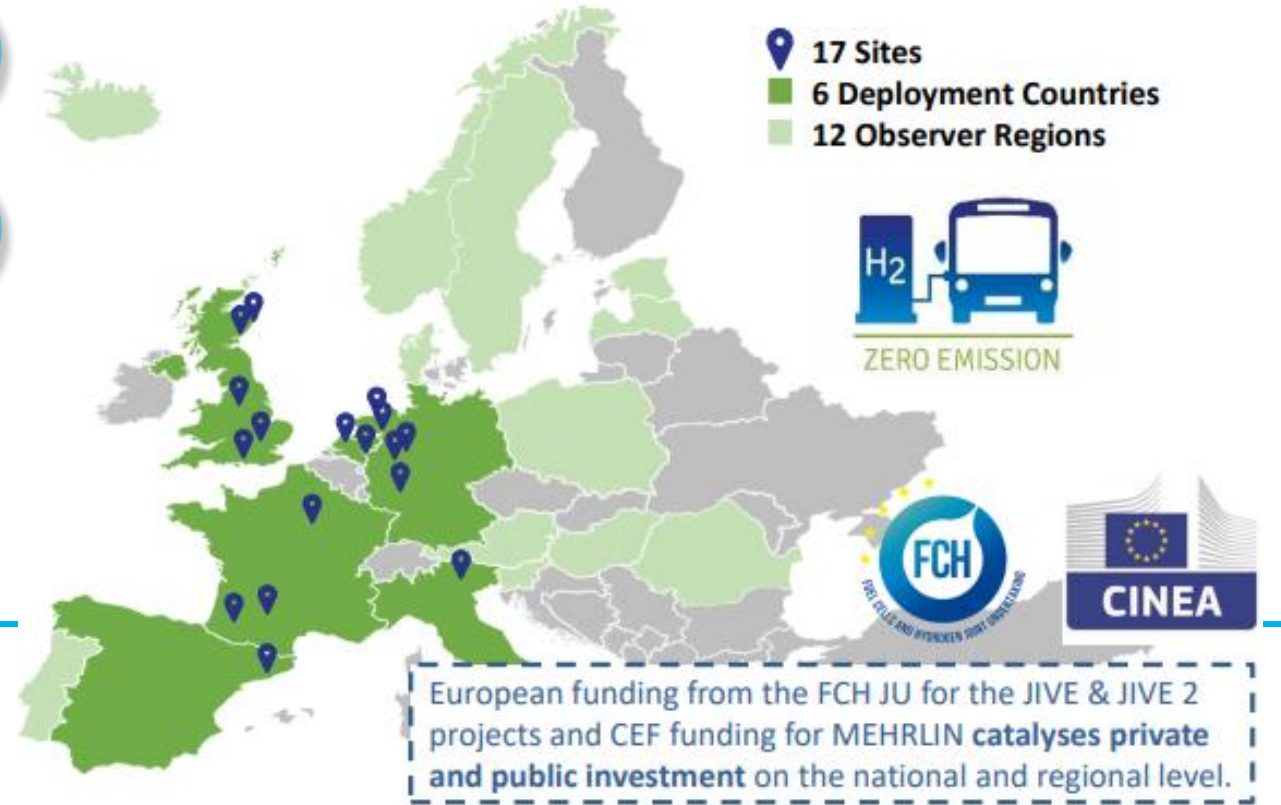
UK (London, Birmingham)

DE, (Wuppertal, Wermelskirchen & Hurth)

NL (Heinenoord – South Rotterdam)

IT (Bolzano) at 350 bar. 1 HRS also for LDV

- Buses supported by 3 H2020 Actions
- Managed by the Clean Hydrogen Joint Undertaken
- Top up from national schemes for buses & stations.
- Technical spec / bus procurement / HRS deployment simultaneous
- Allowed gathering technical, operational & financial info for further roll out, viability and bankability of the stations.



CEF C-ITS project in synergy with Horizon

NordicWay2 (2017-2020) and NordicWay3 (2017-2020) actions

CEF Transport Sector

Pilot deployment of interoperable Day 1/1.5 C-ITS and support infrastructure readiness for Connected and Automated Driving:

- Support deployment of new C-ITS services in Nordic countries and vital road transport routes subject to extreme weather conditions and in urban and interurban environments;
- Assess impacts of Day 1/1.5 C-ITS services, including users mobility, traffic behaviours and public acceptance.



- **Projects complement and build on Horizon 2020 research and innovation actions, pursuing a market-oriented approach and deploying innovative technological and organisational solutions;**
- **Pilots are accomplished in European collaboration with other platforms and projects, for example the STARDUST project by H2020, which includes joint evaluation of the solutions.**

Keep in touch - CINEA



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[CINEA - European Climate, Infrastructure and Environment Executive Agency](https://www.linkedin.com/company/cinea/)



[CINEATube](https://www.youtube.com/channel/UC...)



cinea.ec.europa

[Calls for proposals \(europa.eu\)](https://europa.eu)

[CEF Transport infrastructure \(europa.eu\)](https://europa.eu)

[Innovation Fund \(europa.eu\)](https://europa.eu)

[LIFE \(europa.eu\)](https://europa.eu)

Thank you



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