



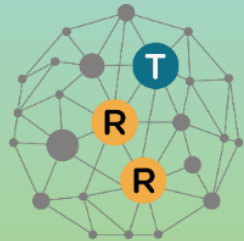
Online event “Call for actions to advance innovation uptake in transport”

EC funding opportunities to accelerate market uptake

15 March 2023

Ludger ROGGE
European Commission,
Directorate General for Research & Innovation

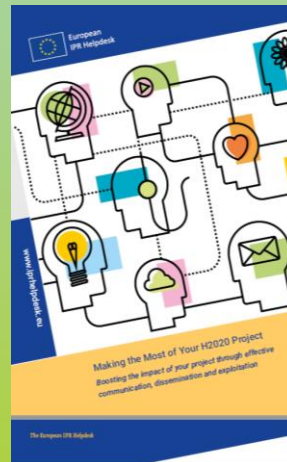
EC channels



Tracking of Research Results



[info HRP](#)



Overview of EC funding programmes in the area of road transport

Programme	Period	Total budget	Funding mode	Eligible applicants	Min. Consortia	Project budget	Project duration	TRL	Scope
CEF Transport	2021-27	25.8 B€	Grants	All	1	>1M€	2-5 years	>4	Infrastructure investments in transport
AFIF (CEF Transport)	2021-23	1.5 B€	Grants, financing	All	1	>1M€	<3 years	>7	Support the deployment of alternative fuel supply infrastructure
Innovation Fund	2020-30	38 B€	Grants	All	1	>2,5M€	<5years	>5	Demonstration of innovative low-carbon technologies
LIFE Programme	2021-27	5.48 B€	Grants	All	1	1-3M€	<10 years	>4	Environmental protection
EIT Urban Mobility	2020-26	400 M€	Grants	SMEs	2	1 M€	<3 years	>4	Investment in urban mobility start-ups
EIC Accelerator	2021-27	10.1 B€	Grants, equity	SMEs	1	2,5M€ (grant), 15M€ (equity)	<2 years	5-9	Supports SMEs to develop and scaleup game-changing innovations

CEF Transport – actions to be supported

Completion of the TEN-T

- ✓ Railway infrastructure
- ✓ Inland waterways and inland ports infrastructure
- ✓ Maritime ports infrastructure
- ✓ Roads, rail-road terminals and multimodal logistics platforms

Modernisation of the TEN-T

- ✓ Actions related to smart and interoperable mobility
 - ✓ Smart applications for transport (ERTMS, ITS, RIS,...)
 - ✓ Transport interoperability
- ✓ Actions related to sustainable and multimodal mobility
 - ✓ **Alternative Fuels Infrastructure (AFIF)**
 - ✓ Motorways of the Sea
 - ✓ Multimodal passenger hubs
 - ✓ Reduction of rail freight noise
- ✓ Actions related to safe and secure mobility
 - ✓ Safe and secure parking infrastructure
 - ✓ Road safety
 - ✓ Actions improving transport infrastructure resilience
 - ✓ Actions adapting the transport infrastructure for Union external border checks purposes

CEF Transport – AFIF (Alternative Fuels Infrastructure)

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

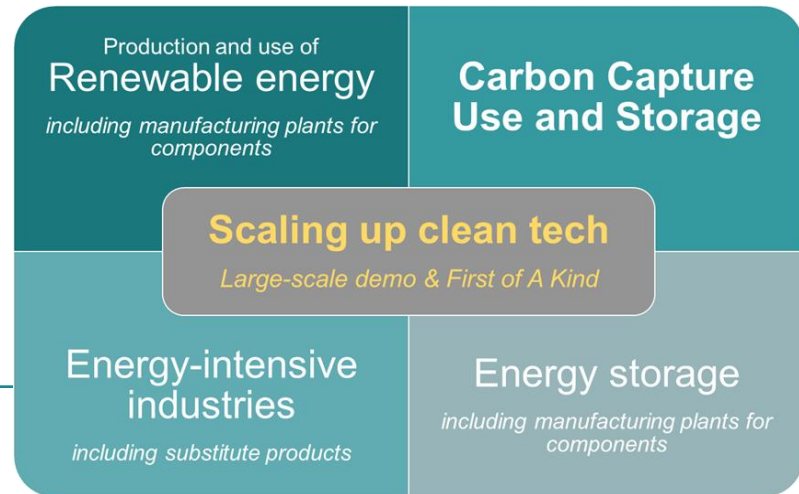
13 April 2023

5th cut-off

19 September 2023

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

3rd Large Scale Call

Launch: November 2022

Deadline: 16 March 2023

Results: Q3 2023

Budget: **expected EUR 3 bn**

2023 Small Scale Call

Launch: 30 March 2023

Deadline: 19 September 2023

Results: Q4 2023

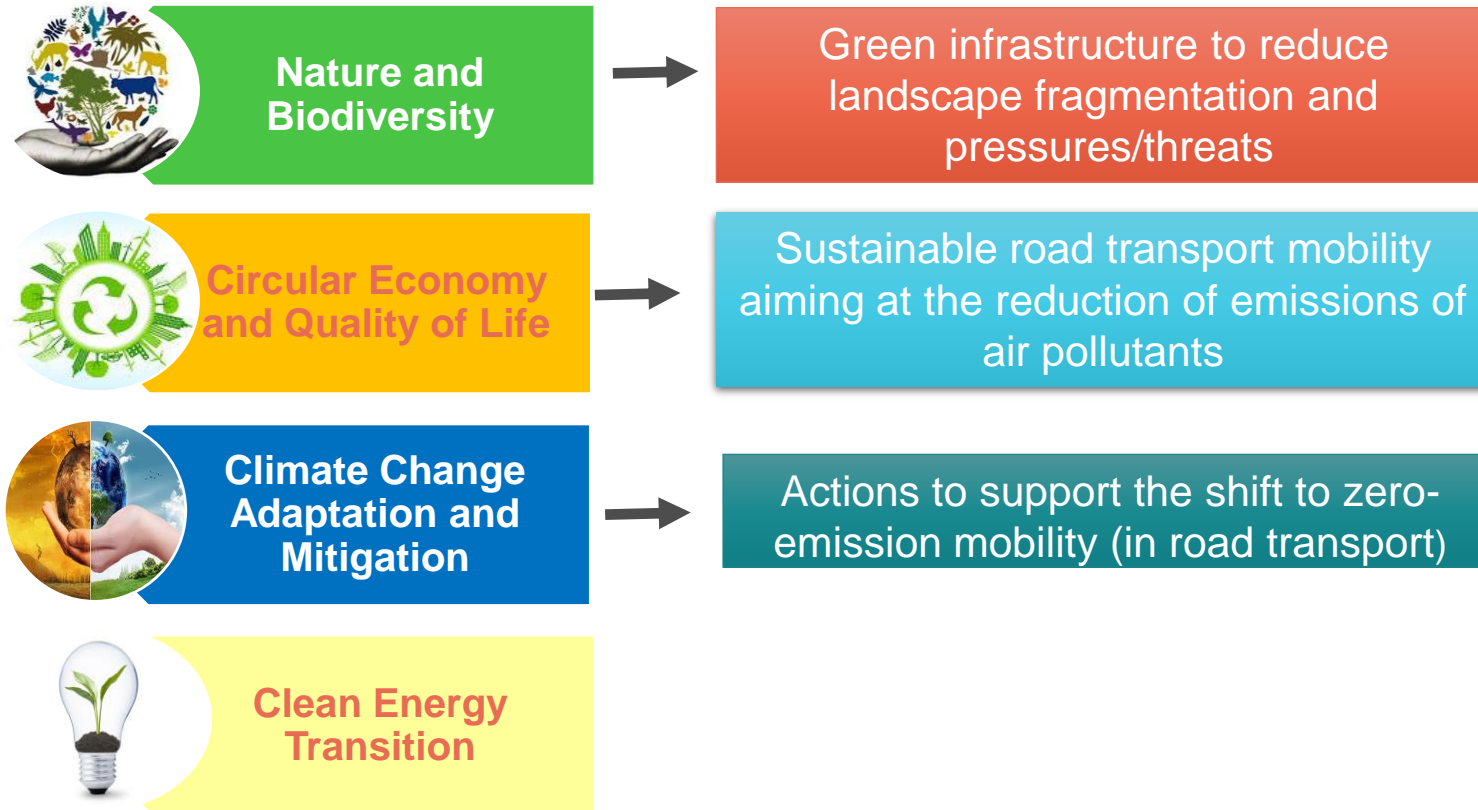
Budget: **expected EUR 100 million**

LIFE

4 Sub-programmes
5.400 M€ (2021-2027)

Priorities relevant to
sustainable road transport

Funding opportunities



2023 Call for proposals
Life
Spring 2023

EIT Urban Mobility

Initiative of the European Institute of Innovation and Technology (EIT)

Co-funding of up to €400 Mio (2020-2026)

Scope:

- ✓ Future Mobility
- ✓ Sustainable City Logistics
- ✓ Mobility & Energy
- ✓ Active Mobility

EIT Urban Mobility Annual Innovation Call for Proposals

- ✓ Better mobility services for citizens, higher levels of accessibility, reduction in greenhouse gas emissions, and better use of urban space
- ✓ Solutions should contribute to city services integration, helping cities implementing their own policies
- ✓ Medium sized consortia
- ✓ Market-based and solution-oriented. TRL > 6
- ✓ Pathways for SME's to expand and grow
- ✓ Centred on pan-European demonstration and testing in real-life contexts with public engagement
- ✓ 12 to 18 months duration



EIC Workprogramme 2022

Budget: 1.7 billion

Three main funding schemes

EIC PATHFINDER		EIC TRANSITION		EIC ACCELERATOR	
early-stage technology research	€350 million	technology validation and spin-out	€131 million	commercialisation and scale-up	€1.16 billion
grants	< €4 million	grants	< €2.5 million	grants	< €2.5 million
				equity investments	< €15 million

EIC Accelerator looks for:

- ✓ **Start-ups and SMEs** seeking to **scale up** high impact innovations with the **potential to create new markets** or disrupt existing ones
- ✓ Innovations building on **scientific discovery** or technological breakthroughs (“**deep tech**”)
- ✓ Innovations where **significant funding** is needed over a **long timeframe** and are **too risky** for private investors alone

EC funding programmes in the area of road transport – more information

Programme	Website
CEF Transport	https://cinea.ec.europa.eu/programmes/connecting-europe-facility/transport-infrastructure_en
AFIF (CEF Transport)	https://cinea.ec.europa.eu/funding-opportunities/calls-proposals/cef-transport-alternative-fuels-infrastructure-facility-call-proposal_en
Innovation Fund	https://cinea.ec.europa.eu/programmes/innovation-fund_en
LIFE Programme	https://cinea.ec.europa.eu/programmes/life_en
EIT Urban Mobility	https://www.eiturbanmobility.eu
EIC Accelerator	https://eic.ec.europa.eu
EIB – Transport sector	https://www.eib.org/en/projects/sectors/transport/index.htm

Video recordings of online workshop on EU programmes for road transport are available on youtube: <https://www.youtube.com/watch?v=nCf3yuwN8IY>