European Commission

SUSTAINABLE & SMART
MOBILITY STRATEGY

Connecting Europe Facility Transport Call 2021

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Mobility and Transport

CEF policy objectives

CEF budget 2021-2027
€ 25,8 billion

- Contribute to the objectives of the **Green Deal** and the **Sustainable and Smart Mobility Strategy**
- At least **60%** of the financial envelope will be dedicated to the **Union´s climate targets**
- Contribute to the development of the **TEN-T**

CEF work programme 2021-2023
€ 18,2 billion

Frontloading:

70% of the CEF budget

to be allocated in the period 2021-2023 through ➔

- **3 calls for proposals of € 5.5 billion** each in 2021, 2022 and 2023
- A 3-year rolling call for the **Alternative Fuel Infrastructure Facility of € 1.5 billion**
  (5 deadlines, every 6 months)
- **€ 200 million for technical assistance actions**

Indicative allocations

1. Completion of the TEN-T network

General envelope 60%	Cohesion envelope 85%

85% - Core network
15% - Comprehensive network specific sections

2. Modernisation of existing TEN-T network

General envelope 40%	Cohesion envelope 15%

Indicative allocations

Objective			Call 2021	Call 2022	Call 2023
			General envelope	General envelope	General envelope
COMPLETION OF TEN-T Actions related to Article 9(2)(a) of the CEF Regulation / Completion of the TEN-T network	Projects on the Core Network		1,620	1,620	1,620
	Projects on the Comprehensive Network		250	250	250
	Total*		**1,870**	**1,870**	**1,870**
MODERNISATION OF TEN-T Actions related to Article 9(2)(b) of the CEF Regulation / Modernisation of the TEN-T network	Actions related to smart and interoperable mobility		400	400	400
	Actions related to sustainable and multimodal mobility	Alternative Fuels Infrastructure Facility	400	400	400
		Other	100	100	100
	Actions related to safe and secure mobility		100	100	100
	Total		**1,000**	**1,000**	**1,000**
Total General Envelope*			**2,870**	**2,870**	**2,870**
MILITARY MOBILITY Actions related to Article 9(2)(c) of the CEF Regulation / Civilian-defence dual-use (Military mobility envelope)			**330**	**330**	**330**
TOTAL			**3,200**	**3,200**	**3,200**

Railway

Works / Studies

Railway projects on the Core and Comprehensive Networks

(CEF-T-2021-COREGEN, CEF-T-2021-COMPGEN)

Actions to be supported:

- construction and upgrade of cross-border and missing links
- capacity and performance upgrade of existing lines
- capacity increase in nodes
- interconnections with other transport modes
- connections of freight terminals to the TEN-T
- electrification of railways

Maximum co-funding rates:

General envelope: 30% / 50% (55%)

Railway

Works

ERTMS & Rail Freight noise

(CEF-T-2021-SIMOBGEN, CEF-T-2021-SUSTMOBGEN)

Actions to be supported ERTMS:

- Compliance with legal framework (CCS TSI Regulation, Interoperability Directive)
- Support to Baseline 3 only

Actions to be supported Rail freight noise: (composite brake blocks and disc brakes)

- S-Type wagons
- SS-Type wagons

Maximum co-funding rates:

Unit contributions

Railway

Works/Studies

Technical Specification for Interoperability (TSI)

(CEF-T-2021-SIMOBGEN)

Actions to be supported TSI:

- Reduction of discrepancies for railway fixed equipment
- Compliance of system and subsistems to requirements under Directive 2016/797
- Applications to reduce operational barriers to interoperability of fixed installations linked to the implementation of operations TSI and TAF-TAP TSI.

Maximum co-funding rates:

General envelope: 50%

Maritime

Works / Studies

Maritime Ports projects on the Core and Comprehensive Networks

(CEF-T-2021-COREGEN, CEF-T-2021-COMPGEN)

Actions to be supported:

- facilitation of port access
- basic port infrastructure with a priority on
  - development of zero- or low emission multimodal solutions
  - development of capacity and facility linked to offshore wind farms
  - improving connectivity with remote, insular and outermost regions, or of Member State with no land border with another Member State
- shore-side electricity supply
- port reception facilities for waste from ships
- ensuring year-around navigability
- rail/road connections within port

Maximum co-funding rates:

General envelope: 30% / 50%

Maritime

Works / Studies

Vessel Traffic Monitoring and Information Systems (VTMIS) & EMSWe

(CEF-T-2021-SIMOBGEN)

Actions to be supported VTMIS:

- VHF Data Exchange System (VDES)
- Vessel Traffic Services (VTS) - Future monitoring and communication needs for the enhanced surveillance autonomous ships and shipping (MASS)
- Mandatory Reporting Systems (MRS) - features related to the “ship to shore” reporting

Actions to be supported EMSWe:

- Adaptation of the Maritime National Single Windows to the new legal requirements
- Integration of the harmonised interfaces into the Maritime National Single Windows

Maximum co-funding rates:

General envelope: 50%

Maritime

Works / Studies

Motorways of the Sea

(CEF-T-2021-SUSTMOBGEN)

Actions to be supported:

- upgrade of port infrastructure, hinterland connections and dedicated terminals, where required to establish or expand SSS links. At least one Core network port of a MS and another Core or Comprehensive Network of another MS has to be involved in such actions.
- actions facilitating SSS which are not linked to a specific port, for instance ICT platforms, ice-breaking or actions ensuring year-round navigability.

Maximum co-funding rates:

General envelope: 50%

Works / Studies

Inland waterways

Inland waterways and inland ports projects on the Core and Comprehensive Networks

(*comprehensive network only concerns inland ports)

(CEF-T-2021-COREGEN, CEF-T-2021-COMPGEN)

Actions to be supported:

- upgrade of existing and creation of new waterways
- construction, lifting, upgrading of locks and (movable) bridges
- automation of waterway infrastructure
- interconnections between inland waterways and maritime transport, rail/road connections within the port
- access of inland ports to inland waterways
- basic port infrastructure, shore-side electricity supply
- port reception facilities for waste from ships
- ensuring year-around navigability
- waterside infrastructure including the creation and/or upgrade of infrastructure for mooring and waterborne operations along a waterway

Maximum co-funding rates:

General envelope: 50% (55%)

Inland waterways

Works / Studies

River Information Services (RIS) *(CEF-T-2021-SIMOBGEN)*

Actions to be supported:

- Deployment of smart on-board and land-based components of RIS, including appliances along the waterways or other related telematics applications that facilitate the digital transition and automation of the sector
- Coherent deployment of Union-wide harmonised RIS components and fine-tuning of RIS key technologies, systems and services, in full compliance with the applicable standards and technical specifications
- Complement and integrate with smart traffic and transport management solutions in inland waterway transport (with dedicated focus on RIS enabled corridor management and related solutions, incl. from relevant CEF actions) to facilitate data-sharing between authorities and inland waterway transport users
- Reduction of administrative burden and elimination of paper flow of documents, establishing solutions that facilitate machine-to-machine communication and the once-only principle, taking into consideration the developments in DTLF (e.g. federation of platforms) and the principles of the eFTI Regulation
- Actions that contribute to the holistic vision of NAIADES III for the inland waterway transport sector's digitalisation and automation

Maximum co-funding rates:

General envelope: 50%

Roads, RRTs and MLPs

Works / Studies

Roads, rail-road terminals, and multimodal logistics platforms projects on the Core and Comprehensive Networks

(CEF-T-2021-COREGEN, CEF-T-2021-COMPGEN)

Actions to be supported:

- pre-identified road links stipulated in the CEF Regulation, with a priority to cross-border Core network links
- components of the TEN-T located in a Member State with no land border with another Member State
- road connections to maritime and inland ports, and rail-road terminals to address bottlenecks
- construction and upgrade of rail-road terminals, combined transport transhipment points and other publicly accessible multimodal logistics platforms on the TEN-T

Maximum co-funding rates:

General envelope: max. 30% / 50%

Roads, RRTs and MLPs

Works / Studies

Intelligent Transport Services for road (ITS)

(CEF-T-2021-SIMOBGEN)

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
- compatibility with the specifications developed by the C-ROADS platform and interoperability with existing C-ITS stations deployed in accordance to those specifications has to be ensured
- all deployed C-ITS stations have to be enrolled in the European Union C-ITS Security Credential Management System (EU CCMS), complying with the specifications (e.g. C-ITS certificate and security policy) published by the C-ITS Point of Contact (CPOC)

Maximum co-funding rates:

General envelope: 50%

Roads, RRTs and MLPs cluster

Works

Safe and secure parking infrastructure

(CEF-T-2021-SAFEMOBGEN)

Actions to be supported:

- development of new safe and secure parking areas
- upgrade of safety and security of existing parking areas for trucks and commercial vehicles
- optimisation of the use of existing safe and secure parking areas for trucks and commercial vehicles

If the Action is not located directly on the Core road network or if it is located on the Comprehensive road network, the application has to justify its utility for the functioning of the Core Network.

Maximum co-funding rates:

General envelope: 50%

Single European Sky Air Traffic Management (SESAR)

(CEF-T-2021-SIMOBGEN)

SUSTAINABLE & SMART MOBILITY STRATEGY

Works

Digital Sky Demonstrators

Actions to be supported:

- U-space & urban air mobility
  - Market uptake of U1 and U2 services;
  - U-space/ATC interoperability;
  - Urban air mobility.
- Aviation Green Deal
  - Contribute to achieve the objective of net-zero greenhouse gas emissions by 2050 set by the European Green Deal;
  - Wide scope ranging from “formation flights”, optimum flight trajectory management, to optimized approaches and green taxiing.

Maximum co-funding rates:

General envelope: 50%

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Smart and Interoperable Mobility

Works / Studies

Actions to support the creation, collection, management of transport, traffic and travel data for all modes

(CEF-T-2021-SIMOBGEN)

Actions to be supported:

- creation, collection, management, sharing and dissemination of accurate and up-to-date transport, traffic and travel data for all modes, in particular enabling interoperability and digitisation of processes

Actions supporting new technologies and innovation

(CEF-T-2021-SIMOBGEN)

Actions to be supported:

- integrated infrastructure capacity and traffic management, enhanced transport services, development of Mobility as a Service

Maximum co-funding rates:

General envelope: 50%

Smart and Interoperable mobility

Works/Studies

Support to Member States for the development and implementation of IT platforms in accordance with the Regulation on electronic freight transport information (eFTI) (Reg. EU No 2020/1056)

(CEF-T-2021-SIMOBGEN)

Actions to be supported:

- Preparatory measures by Member States to ensure readiness of their competent authorities for timely implementation of the eFTI Regulation, including to inform the discussions on the common specifications for implementation (to be adopted by the COM by February 2023), e.g:
  - ✓ mapping of competent authorities and respective competencies
  - ✓ identification & assessment of available resources (human and IT) and potential gaps
  - ✓ establishment of an implementation plan
  - ✓ knowledge and good practice sharing with other Member States

NB! *Measures should not prejudge the common specifications for implementation to be adopted by the COM by February 2023*

Maximum co-funding rates:

General envelope: 50%

Sustainable and multimodal mobility

Works / Studies

Multimodal passenger hubs *(CEF-T-2021-SUSTMOBGEN)*

Actions to be supported:

- connections between available long-distance modes
- located in an urban node on the Core network
- part of a SUMP or of an equivalent plan
- improve accessibility for all users
- may include safe connections with cycle infrastructure or shared mobility solutions

Maximum co-funding rates:

General envelope: 30% / 50%

Safe and secure mobility

Works / Studies

Actions improving transport infrastructure resilience

(CEF-T-2021-SAFEMOBGEN)

Actions to be supported:

- improvement of transport infrastructure resilience, in particular to climate change and natural disasters through infrastructure upgrades or smart monitoring systems

Maximum co-funding rates:

General envelope: 30%/50%

Safe and secure mobility

Works / Studies

Actions adapting the transport infrastructure for Union external border checks purposes

(CEF-T-2021-SAFEMOBGEN)

Actions to be supported:

- facilitation of traffic flows at border control areas at the Union external border of the TEN-T network
- improvement of connections to the border crossing points, and parking lines and spaces at the border control area

Maximum co-funding rates:

General envelope: 50%

Military Mobility

Actions relating to the adaptation of the TEN-T to civilian-defence dual-use

(CEF-T-2021-MILMOB)

Works / Studies

Eligibility

- Projects for all transport modes eligible
- CBA not mandatory
- Projects must meet all 3 requirements
  - On TEN-T
  - On EU military transport network (as approved by the Council)
  - In line with dual-use infrastructure requirements (COM Implementing Regulation (EU) 2021/1328)
  - Projects exceeding the requirements are eligible to apply but co-funding up to the values defined in (EU) 2021/1328

Maximum co-funding rates:

Military Mobility envelope: 50%

Mitigation measures

- Activities relating to the mitigation of **environmental impact** and the **preservation of biodiversity** are eligible
- Examples: reforestation, ecoducts, noise protection barriers…

Synergetic elements

- **Energy or digital investments** (beyond what is covered in the calls) are eligible within a limit of 20% of the eligible costs and provided they improve the socio-economic, climate or environmental benefits of the project.
- Example: on-site renewable energy generation

Call indicative timeline

Call publication	16 September 2021
Deadline for submission	19 January 2022 (17:00:00 Brussels time)
Evaluation of proposals	February – April 2022
Consultation of CEF Coordination Committee Information of European Parliament	May 2022
Adoption of Selection Decision	June 2022
Information to applicants	June 2022
Time To Grant	By 20 October 2022

AFIF Priorities

AFIF – UNIT COSTS

- Publicly accessible **recharging stations** dedicated
  - To **LDV** with a min power output of **150 kW**.
  - to **HDV** with a min power output of **350 kW**.
- **Grid connection** with a min power capacity of 600kVA.

AFIF – ZERO EMISSION %

- **Electricity** recharging stations for:
  - public transport;
  - IWW & maritime ports;
  - port vehicles & equipment;
  - airport ground operations
- **Hydrogen** Refuelling Stations for:
  - LDV and/ or long haul HDV;
  - for public transport;
  - IWW & maritime ports;
  - port vehicles & equipment;
  - railways

AFIF – LOW EMISSION %

- **LNG** refuelling stations supplying inland waterway and maritime ports

Dialogue with EC

PROJECT PROMOTER

IP

Project discussion

NON-IP

- If project financing approved for at least 10% of total cost project
- IP / Non-IP completes and provides IP / Non-IP "**Financial Approval letter**" including project summary sheet

Cut-off date *applies to* **CINEA**

EC / CINEA evaluation & if awarded

Max + 8 months **IP / Non-IP** & **Project promoter** sign the financing agreement

Max + 9 months **CINEA** & **Project promoter** sign the grant agreement

*NB: Project financed by the IP/ Non-IP should **incorporate** / **or** / **be equal to** the Action eligible for funding under CEF AFIF.*

AFIF Budget

General Envelope (M€)	Cohesion Envelope (M€)	Total (M€)
1.200	375	1.575

* **Implementing Partners** are development or other public finance institutions (such as EIB, EBRD and National promotional banks) which are signatories of an Administrative Agreement with DG MOVE to cooperate for the implementation of the AFIF.

** **Non-Implementing Partners** are other public or private financial institutions established in the EU.

AFIF Co-funding rates

Road Electric recharging points

- unit contributions

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

Zero emission infra – Elec / H2

- 30% under General envelope
- 50% under Cohesion envelope

Low emission infra – LNG

- 10% under General envelope
- 20% under Cohesion envelope

Timetables and deadlines

Timetable and deadlines (indicative)					
	1st cut-off date	**2nd cut-off date**	**3rd cut-off date**	**4th cut-off date**	**5th cut-off date**
Deadline for submission	**19 January 2022** 17:00 CET (Brussels)	**7 June 2022** 17:00 CET (Brussels)	**10 November 2022** 17:00 CET (Brussels)	**13 April 2023** 17:00 CET (Brussels)	**19 September 2023** 17:00 CET (Brussels)
Evaluation	February-March 2022	July-August 2022	December 2022 – January 2023	May – June 2023	October – November 2023
Information on evaluation results	May 2022	October 2022	March 2023	July 2023	January 2024
GA signature	September – October 2022	February - March 2023	July – August 2023	December 2023 – January 2024	May - June 2024

Thank you !

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