

CEF matrix

- A Call Matrix is published on our website, guiding you to the correct submission portal:
- https://cinea.ec.europa.eu/funding-opportunities/calls-proposals/2022-cef-transport-call_en

Call Matrix

Projects on the Core Network						
Envelope	General (€1.62 billion)			Cohesion (€2 billion)		
ID	COREGEN			CORECOEN		
Topics	Rail - studies, works or mixed	Roads, rail-road terminals and multimodal logistic platforms - studies, works or mixed	Inland waterways and ports – studies, works or mixed	Rail - studies, works or mixed	Roads, rail-road terminals and multimodal logistic platforms - studies, works or mixed	Inland waterways and ports – studies, works or mixed
Topics	Maritime ports - studies, works or mixed				Maritime ports - studies, works or mixed	
Projects on the Comprehensive Network						
Envelope	General (€250 million)			Cohesion (€350 million)		
ID	COMPGEN			COMPCOEN		

Railway cluster

Works / Studies /
Mixed

Railway projects on the Core and Comprehensive Networks

(CEF-T-2022-COREGEN, CEF-T-2022-CORECOEN, CEF-T-2022-COMPGEN, CEF-T-2022-COMPCOEN)

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

Specific case:
completion of missing major railway cross-border projects between Cohesion MS
can be supported under the general envelope at a maximum co-funding rate of 85%

Maximum co-funding rates:

General envelope: 30% / 50%

Cohesion envelope: 85%

Railway cluster

Works

European Rail Traffic Management Systems (ERTMS)

(CEF-T-2022-SIMOBGEN, CEF-T-2022-SIMOBCOEN)

Actions to be supported:

- ERTMS **on-board** and **track-side** deployment with a priority to rolling out ERTMS on the entire Core Network. Actions shall be **compliant** with:
 - applicable **EU legislation** (incl. Commission Regulation (EU) No 2016/919)
 - **Baseline 3**

NB: Under **General** envelope **no support** for:

- **fitment** of new rolling stock
- **retrofitting** of existing **vehicles** put into operation **after 31/12/2020**

Maximum co-funding rates:

General envelope: unit contribution

Cohesion envelope: unit contribution



Maritime cluster

Works / Studies / Mixed

Maritime Ports projects on the Core and Comprehensive Networks (1/2)

(*CEF-T-2022-COREGEN, CEF-T-2022-CORECOEN, CEF-T-2022-COMPGEN, CEF-T-2022-COMPCOEN*)

Actions to be supported:

- Facilitation of **port access** (e.g. breakwaters, access channels, fairways, locks and navigational aids)
- **Basic port infrastructure** (e.g. turning basins, quay walls, berths, jetties, backfills, land reclamation needed for a quay/berths) with a priority on
 - development of zero- or low emission multimodal solutions
 - development of ports' capacities and facilities 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** for vessels including cruise ships (upgrade of electrical grid could be also supported if needed for the shore-side electricity supply)

Maximum co-funding rates:

General envelope: 30% / 50%

Cohesion envelope: 85%



Maritime cluster

Maritime Ports projects on the Core and Comprehensive Networks (2/2)

(*CEF-T-2022-COREGEN, CEF-T-2022-CORECOEN, CEF-T-2022-COMPGEN, CEF-T-2022-COMPCOEN*)

Actions to be supported:

- **Port reception facilities** for oil and other waste from ships
- Ensuring **year-around navigability** by means of **capital dredging** (*to remove bottlenecks for the EU Short sea shipping*) and **ice-breaking facilities**
- Providing or improving **IWW / rail / road access and connections** within maritime port
- **Renewable energy generation in a maritime port** (synergetic element) for the needs of the basic port infrastructure and for diverse port operations. *Must improve the socio-economic, climate or environmental benefits of the project, limited to 20% of the total budget of the proposal*

Maximum co-funding rates:

General envelope: 30% / 50%

Cohesion envelope: 85%

Maritime cluster

Works / Studies/ Mixed

Actions related to the implementation of the European Maritime Single Window environment (EMSWe) (CEF-T-2022-SIMOBGEN)

Projects to be supported:

- 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 rate:

General envelope: 50%

Maritime cluster

Works / Studies/ Mixed

Projects supporting the implementation of Vessel Traffic Monitoring and Information Systems (VTMIS) (CEF-T-2022-SIMOBGEN)

Projects to be supported:

- 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) - additional features related to the “ship to shore” reporting e.g. reusing data, reporting once not only between the authorities but also the shipping industry

Maximum co-funding rate:

General envelope: 50%

Maritime cluster

Works / Studies / Mixed

Motorways of the Sea (1/3) *(CEF-T-2022-SUSTMOBGEN)*

Projects to be supported:

- Upgrade of port infrastructure, hinterland connections and dedicated terminals, where required **to establish or expand short sea shipping SSS link(s)**
 - Providing or improving **hinterland connections** through the upgrade of the IWW /rail/ road last mile connections
 - **Basic port infrastructure** (e.g. turning basins, quay walls, berths, jetties, backfills, land reclamation (needed e.g. for a quay/berth) including fixed ramps, gangways, automooring systems and other fixed infrastructure needed for the SSS link(s)
 - **Port access** (e.g. breakwaters, access channels, fairways, locks, navigational aids)
 - **Shore-side electricity supply** for vessels

Maximum co-funding rate:

General envelope: 50%



Maritime cluster

Works / Studies / Mixed

Motorways of the Sea (2/3) *(CEF-T-2022-SUSTMOBGEN)*

Projects to be supported:

- Upgrade of port infrastructure, hinterland connections and dedicated terminals, where required to **establish or expand short sea shipping SSS link(s)**:
 - **Port reception facilities** for oil and other waste from ships
 - Improvement of port handling capacity through the construction or upgrade of **freight and/or passenger terminals**, safe and secure parkings, customs phytosanitary, immigration or security facilities
 - **Digitalisation** of port operations (**excluding** support to shipping operators)

 At least one Core Network port of a Member State and another Core or Comprehensive Network port of another Member State must be involved! Balanced investments between the ports!

Maximum co-funding rate:

General envelope: 50%



Maritime cluster

Works / Studies / Mixed

Motorways of the Sea (3/3) *(CEF-T-2022-SUSTMOBGEN)*

Projects to be supported:

- Facilitating SSS but not linked to specific ports
 - ICT platforms
 - Activities ensuring year-round navigability such as ice-breaking operations, including ice-breakers

Should benefit and be used by wider maritime community



Must include participation of at least 2 applicants from 2 different Member States

Maximum co-funding rate:

General envelope: 50%

Digital Sky Demonstrators Call 2

Contributing to achieving the Airspace Architecture Study
Transition Plan

Gradual transition towards higher levels of automation (e.g.)

- Improved ATC decision support tools integrating Met and aircraft derived data
- Short term demand capacity balancing optimisation of TMA and Extended TMA
- Regional airports better connected to the Network Manager
- Operating a Multilink communications infrastructure
- Next generation of air - ground datalink via LDACS (L-band-digital aeronautical communication system)

Digital Sky Demonstrators
CEF-T-2022-SIMOBGEN-SESAR-DSDU-WORKS

Virtual center and ATM Data Service Providers (ADSPs)

- Cross border delegation of ATC services based on Virtual Centre
- Integration of dynamic airspace configurations, digital integrated network management and ATC planning and Dynamic Mobile Areas

Digital Sky Demonstrators
CEF-T-2022-SIMOBGEN-SESAR-DSDA-WORKS



Other SESAR projects

Communication, Navigation & surveillance (CNS) enablers

CNS enablers
CEF-T-2022-SIMOBGEN-SESAR-DSD-OP-WORKS

Performance Based Navigation (PBN regulation)

- Approach procedures and Terminal Area Optimization
- Equipment of aircraft with SBAS/EGNOS avionics
- Rationalisation of navigation infrastructure

Datalink Services (DLS Regulation)

Upgrades in aircraft equipped with avionics compliant with the regulation to resolve identified interoperability issues

ADS-B (SPI Regulation)

- Equipping aircraft with avionics
- Optimal combination and rationalisation of surveillance infrastructure (e.g. radars)



Common project one

Commission Implementing Regulation (EU) 2021/116

Common projects
CEF-T-2022-SIMOBGEN-SESAR-DSD-CP-WORKS

Priority topics under the call

- AF1** Sub-AF AMAN/DMAN integration
- AF2** Sub-AF airport operations plan
- AF3** Sub-AF free route airspace
- AF4** Sub-AF Collaborative NOP
Sub-AF AOP/NOP integration
- AF5** Sub-AF Aeronautical Information Exchange
Sub-AF Flight Information Exchange (Yellow profile)

AF6 ◀◀ **Not eligible under this call**

(with reference to the SESAR Deployment Programme)

Family 1.2.1 - AMAN/DMAN integration

Family 2.2.2 - Extended AOP

Family 3.2.2 - Enhanced FRA Operations

Family 4.2.2 - Initial AOP/NOP information sharing

Family 4.4.1 - AOP/NOP integration

Family 5.3.1 - Aeronautical Information Exchange

Family 5.6.1 - Flight Information Exchange

Roads, RRTs and MLPs cluster

Works / Studies / Mixed

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

(CEF-T-2022-COREGEN, CEF-T-2022-CORECOEN, CEF-T-2022-COMPGEN, CEF-T-2022-COMPCOEN)

Actions to be supported in **Roads**:

- pre-identified road links stipulated in the CEF Regulation, with a priority to cross-border Core network links
- components of the road 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 significant bottlenecks

Maximum co-funding rates:

General envelope: max. 30% / 50%

Cohesion envelope: 85%

Roads, RRTs and MLPs cluster

Works / Studies / Mixed

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

(CEF-T-2022-COREGEN, CEF-T-2022-CORECOEN, CEF-T-2022-COMPGEN, CEF-T-2022-COMPACOEN)

Actions to be supported in **rail-road terminals**:

- construction and upgrade of rail-road terminals, combined transport transshipment points and other publicly accessible multimodal logistics platforms located on the TEN-T including:
 - connecting or siding tracks and adaptations for 740 m train length
 - truck waiting areas
 - power connections if needed in a larger context of the project
 - clean transshipment equipment for intermodal loading units (e.g. zero-emission reach stackers, gantry cranes etc.)
 - ICT equipment/applications (e.g. photogates, automatic check-in/check-out etc.)

Support will not be given to buildings, storage and warehouse facilities.

Maximum co-funding rates:

General envelope: max. 30% / 50%

Cohesion envelope: 85%

Roads, RRTs and MLPs cluster

Works

Safe and secure parking infrastructure

(CEF-T-2022-SAFEMOGEN, CEF-T-2022-SAFEMOBCOEN)

Actions to be supported:

- development of new safe and secure parking areas in accordance with the standards in Delegated Regulation (EU) 2022/1012
- upgrade of safety and security of existing parking areas for trucks and commercial vehicles in accordance with the standards in Delegated Regulation (EU) 2022/1012
- optimisation of the use of existing safe and secure parking areas for trucks and commercial vehicles through static and dynamic information in accordance with Delegated Regulation No (EU) 885/2013

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%

Cohesion envelope: 85%

Roads, RRTs and MLPs cluster

Works / Studies /
Mixed

Intelligent Transport Services for road (ITS)

(CEF-T-2022-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)
- Platform for the coordination, harmonisation and monitoring of ITS and C-ITS deployment to foster EU-wide continuity and interoperability of services

Maximum co-funding rate:

General envelope: 50%

Roads, RRTs and MLPs cluster

SUSTAINABLE & SMART
MOBILITY STRATEGY

**Works / Studies /
Mixed**

Road safety (*CEF-T-2022-SAFEMOB*COEN)

Actions to be supported:

- **Works, with the possibility to include studies**, for the upgrade of existing road sections of the Core and Comprehensive network with poor safety rating or high accident occurrence, with a view to increasing their safety:
 - Systemic improvements to the in-built safety of roads
 - Implementation of measures identified during the network-wide road safety assessment
 - Upgrades of 'hot-spots' as identified in the network-wide road safety assessment
 - Deploying digital information systems for the safe road and road tunnel use and / or enforcement purposes
- ✓ Support only to actions providing for safety upgrades of existing road infrastructure, not to the construction of new road infrastructure
- ✓ Support to the deployment of digital infrastructure only if it has the purpose of improving of road safety and tunnel safety or if it helps authorities in enforcing road safety
- ✓ Support to systemic improvements to the in-built safety of roads only if the intervention is based on findings of the targeted road safety inspections or of the network-wide road safety assessments in accordance with Annex IIa or III of Directive (EU) 2019/1936 (revised)

Maximum co-funding rate:

Cohesion envelope: 85%

Sustainable and multimodal mobility

Multimodal passenger hubs *(CEF-T-2022-SUSTMOBGEN)*

Actions to be supported:

- direct connections with available long-distance modes
- located in an urban node on the Core network
- part of a SUMP or of an equivalent plan, with a specific indication of the location of the project
- improve accessibility for all users
- may include safe connections with cycle infrastructure and shared mobility solutions
- infrastructure for access to public transport and transfers between transport modes within an existent or future planned multimodal passenger hub

Maximum co-funding rate:

General envelope: 50%



Data processing and sustainable and safe mobility cluster

Projects improving transport infrastructure resilience

(*CEF-T-2022-SAFEMOBGEN, CEF-T-2022-SAFEMOBCOEN*)

Works / Studies / Mixed

Projects to be supported:

- Projects for the **improvement of transport infrastructure resilience**, in particular to climate change and natural disasters, **through infrastructure upgrades or smart monitoring systems**.
- The interventions should directly address the TEN-T transport infrastructure.

Two requirements:

- Demonstration of high risks associated with no project
- The project must be in accordance with the National Adaptation Plan or Strategy of the MS concerned

Maximum co-funding rates:

General envelope: 30%/50%

Cohesion envelope: 85%

Data processing and sustainable and safe mobility cluster

Works / Studies / Mixed

Actions adapting the transport infrastructure for Union external border checks purposes

(CEF-T-2022-SAFEMOBGEN, CEF-T-2022-SAFEMOBCOEN)

Actions to be supported:

- facilitation of traffic flows for all land and waterborne transport modes 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%

Cohesion envelope: 85%