Selected projects (CEF MAP call) 16.07.2020

Title	Description	Code	Type	Transport Mode	Applicant country	Location	Recommended CEF Funding, €
Studies for a new double-track railway line between Salzburg and Neumarkt-Köstendorf	The project establishes plans for a new double-track railway between Salzburg and Neumarkt-Köstendorf in Austria. Once completed, it will remove a significant bottleneck, increasing capacity and reducing of travel time by five minutes on the Rhine-Danube corridor.	2019-AT-TM-0074-S	Studies	Railway	AT	AT	14,111,661
Planning of a new four-track railway line between Linz and Wels	This project supports the planning of a new four-track railway line between the Austrian cities Linz and Wels. The studies will prepare for the implementation of a new line, which will bring additional capacity to the section once completed. It will permit a maximum speed of 230 km/h, while ensuring the highest safety standards.	2019-AT-TM-0100-S	Studies	Railway	AT	AT	10,848,219
Construction of a port gate at Port of Vienna	The Vienna Danube port of Albern suffered considerable damage during recent floods. This project will put flood protection in place, safeguarding the port from further damage and enabling the port to continue operating. This will facilitate the transport of goods via inland waterways – a particularly environmentally friendly and safe way of transporting goods.	2019-AT-TM-0183-W	Works	Inland waterways	AT	AT	3,769,789
Modernisation of transhipment facilities	This project will allow the faster and more flexible handling of goods at the Danube port of Enns. A faster, more efficient crane and two new transhipment facilities will improve the process of loading and unloading vessels, lorries and train wagons. Such transhipment facilities facilitate an optimal combination of transport modes and encourage the use of sustainable means of transport such as inland waterways.	2019-AT-TM-0250-W	Works	Inland waterways	AT	AT	1,050,000
BARGE-AG: Increasing inland waterway transportation by modernising Antwerp Gateway's infrastructure capacity	Antwerp is one of Europe's largest ports for inland waterway transport operations and aims to become Europe's most sustainable port. Inland shipping is a cost efficient and sustainable transport alternative to road transportation. The works will include modernising the basic infrastructure, terminal foundations, utilities installation and ICT infrastructure. This will lead to a 30% increase in the use of terminal space, a reduction in CO2 emissions and reliable performance that complies with the highest standards of safety.	2019-BE-TM-0086-W	Works	Inland waterways	BE	BE	9,673,360
Building a waiting dock for Inland Navigation at Noordlandbridge	With this project, a new waiting dock for inland navigation will be built on the Scheldt-Rhine route, specifically providing space for vessels carrying dangerous goods. The dock will provide vital services for the skippers, like drinking water, a safe resting area and shore power. Next to the waiting dock, a spawning area for fish will be built, improving biodiversity in the area. This project will increase the competitiveness of inland waterways transport in the EU.	2019-BE-TM-0087-W	Works	Inland waterways	BE	BE	9,078,800
The Albert Canal: advanced automation and remote lock operation	This project will increase the reliability, performance and quality of the lock service, as well as increase the efficiency of both traffic control and water management. The option to operate the locks on the Albert Canal remotely will be introduced, and a new remote control centre, where centralised lock operations will take place, will be built.	2019-BE-TM-0088-W	Works	Inland waterways	BE	BE	4,629,200

Towards more Efficient and Resilient Inland Waterways in Wallonia - studies	The Walloon inland waterways network is located in the heart of Europe and around 40 million tonnes of goods are transported every year by this sustainable mode of transport. The aim is to double the modal share of inland waterways and these three studies play a vital role in this. The first study concerns the lifting of the bridges on the Albert Canal and increasing navigation safety in the Meuse basin. The second study will provide recommendations on how to guarantee year-round navigation on the core inland waterways network, while the third study looks into the alternative fuel availability.	2019-BE-TM-0120-S	Studies	Inland waterways	BE	BE	2,332,722
Development of prototypes for the upgrade of vehicles with ETCS SRS2.3.0d on-board equipment to ETCS SRS 3.6.0	This project facilitates the deployment of the European Rail Traffic Management System, which will increase the interoperability, safety and efficiency of passenger rail services. The rolling stock will be used in Belgium, but also for cross-border rail services to Luxembourg, the Netherlands, Germany and France.	2019-BE-TM-0142-W	Works	Railway	BE	BE	2,400,000
MobiliData	Mobilidata creates innovative traffic solutions that help sustainably make traffic flow smoother and safer for road users. MobiliData will put in place a sustainable digital data-infrastructure, which is of utmost importance for the development and rollout of C-ITS applications and dedicated hardware such as intelligent traffic light controllers (iVRI). This infrastructure also paves the way for the introduction of autonomous vehicles in Flanders.	2019-BE-TM-0258-W	Works	Roads	BE	BE	1,038,086
Increasing performance on 4 freight sections on all Core network Corridors in Belgium	Under this project, several vital Belgian rail sections will be upgraded to increase performance and speed, while new extensions will be added. The project will cover track works, civil engineering and catenary works. Several key transport corridors pass Belgium and the rail freight transport is expected to grow considerably, therefore these projects will bring several socio-economic benefits to the whole region.	2019-BE-TM-0316-W	Works	Railway	BE	BE	19,290,000
Increasing the capacity by adding a 3rd and 4th track between Bruges and Ghent	This project will increase the rail capacity between Bruges and Ghent. Not only will it increase the efficiency of freight trains and the upgrade the passenger service, it will also increase multimodality within the Port of Zeebrugge. By splitting the slow convoys (freight trains and local passenger trains) and fast passenger trains, it will help to reduce delays. The project also aims to reduce the cost of maintenance. It will be implemented by the Belgian railway infrastructure manager Infrabel.	2019-BE-TM-0320-W	Works	Railway	BE	BE	31,647,000
Railway connection between Burgas station and Burgas Airport (studies)	This project will prepare the design for the construction of a railway connection between Burgas station and Burgas Airport. The resulting technical design and technical specifications will clear the way for construction work. The direct air-rail connection will allow people to travel to the airport by train instead of a car.	2019-BG-TMC-0158-S	Studies	Railway	BG	BG	1,742,500
Modernization of rail traction substations in Vratsa and Pernik	This project will modernise two outdated traction substations in Bulgaria so that they supply railways. The aims of the project are to increase the reliability and quality of power supply, increase capacity and efficiency of the railways and reduce the environmental impact stemming from operating the two substations.	2019-BG-TMC-0199-W	Works	Railway	BG	BG	12,189,968

Modernization of the railway section Dragoman – Border to Serbia (studies)	This project will finalise the design for the modernisation of the railway infrastructure between Dragoman in Bulgaria and the border with Serbia. This state-of-the-art railway infrastructure will improve accessibility to eastern European markets and improve interconnections between western and eastern regions.	2019-BG-TMC-0201-S	Studies	Railway	BG	BG	2,408,708
Doubling section along the rail line Plovdiv-Svilengrad-Turkish border	This project will ensure the technical readiness for construction work to double the railway line and increase rail capacity. This includes the identification of measures needed for environmental protection and the preservation of archaeological heritage.	2019-BG-TMC-0207-S	Studies	Railway	BG	BG	8,922,164
Modernization Mezdra-Medkovets railway section - studies	Along the Vidin-Sofia line, this project is preparing the studies, design and documents needed to modernise the Mezdra-Medkovets section. Overall, the project aims at improving safety and rail operations, as well as supporting growth in the northwestern Bulgaria.	2019-BG-TMC-0211-S	Studies	Railway	BG	BG	4,907,144
Construction of the Lefkosia South Orbital Motorway (Phase B3)	To access the industrial areas to the south/southwest of Lefkosia, vehicles (mainly lorries) currently need to enter the city. The Lefkosia South Orbital Motorway will eliminate this need, proving quicker, safer, environmentally friendlier and easier access to the area. Phase B3 comprises the western section of Phase B, and its construction will significantly improve the Lefkosia–Palaichori road up to the Anagia region. The project is expected to improve road safety, and reduce congestion and travel times.	2019-CY-TMC-0314-W	Works	Roads	CY	CY	20,091,333
Deployment of on-board ETCS in selected prototypes	This project, coordinated by Ceské dráhy, will modernise railway transport in Czechia by deploying on-board ERTMS in 13 prototype vehicles. The project contributes to increased interoperability, higher traffic capacity and shorter running times, improved safety and reliability, as well as higher efficiency.	2019-CZ-TM-0238-W	Works	Railway	CZ	CZ	6,300,000
Junction Prerov - 2nd construction part	This project is part of the Global 'Junction Prerov' project, which is reconstructing three double-track railway lines in the triangle formed by Prerov-Dluhonice-Prosenice. In total, over 13 km of railway lines will be reconstructed, increasing travel speeds. New footbridges for pedestrians and cyclists will be also constructed.	2019-CZ-TMC-0070-W	Works	Railway	CZ	CZ	57,323,766
Modernization of the Pardubice Railway Junction	This project is modernising the Pardubice railway junction, which is part of the Praha-Brno rail corridor. As part of the project, Pardubice main station, a major source and destination for passenger and goods, will be upgraded. The project will improve the attractiveness of rail as a sustainable alternative by reducing travel times, ensuring access for people with reduced mobility, and improving interoperability.	2019-CZ-TMC-0095-W	Works	Railway	CZ	CZ	125,930,297
Investing in the ETCS on-board deployment for interoperable freight traffic along the Scan-Med Corridor	This project will ensure the interoperability of cross-border freight traffic along the Scandinavian-Mediterranean Corridor through the latest European Train Control System technology. Work will include the development of prototypes for two locomotive classes used on cross-border connections between Germany and Denmark, as well as Denmark and Sweden, followed by the serial retrofit of 32 vehicles.	2019-DE-TM-0084-W	Works	Railway	DE	DE	1,800,000

Logport VI: Investing in the expansion of inland waterway infrastructure at the inland port Duisburg on the river Rhine	The Logport VI project will convert a former paper mill into a barge terminal in Duisburg-Walsum on the Rhine. This container terminal will increase the capacity of the port of Duisburg and link with railways and roads. The project will help to shift 50 000 container units per year to inland waterways	2019-DE-TM-0085-W	Works	Inland waterways	DE	DE	2,746,055
ERTMS prototyping for TRAXX MS2 and TRAXX AC3 locomotives	Under this project, four interoperable locomotive prototypes will be developed, approved, equipped and prepared for serial deployment. This action is in line with the European Rail Traffic Management System (ERTMS) implementation plan for the European TEN-T corridor network. ERTMS will enhance cross-border interoperability and improve capacity, performance and safety along the European railway system.	2019-DE-TM-0107-W	Works	Railway	DE	DE	2,700,000
Ausbaustrecke (ABS): Grenze D/NL - Emmerich - Oberhausen Baustufe 4	This project involves upgrading around 73 kilometers of track along the link between the German-Dutch border and the western Ruhr region. The Oberhausen-Emmerich route has a prominent function as part of the European freight corridor that connects Rotterdam and Genoa. By adding a third track to the route and a fourth track in some sections, as well as adapting infrastructure at stations and along the route, this project will increase capacity and facilitate cross-border traffic.	2019-DE-TM-0109-W	Works	Railway	DE	DE	22,370,400
Final planning of the new urban railway line S4	This project covers the final planning for Hamburg’s new urban railway line S4. It focuses on several track sections, three railway stations, a train yard and an electronic signal box. Once up and running, this new line will remove the bottleneck between Hamburg and Lübeck.	2019-DE-TM-0155-S	Studies	Railway	DE	DE	8,454,000
On-board deployment of ETCS Baseline 3 for Siemens locomotives operating on the TEN-T	To bring vehicle technology in line with future rail infrastructure standards, this project foresees the development of prototypes to upgrade 19 locomotive types. Once the prototypes are ready and the new type authorizations obtained, the retrofitting or upgrading around 90% of the existing fleets can take place for operations in 14 EU Member States as well as three neighboring countries. This will improve the interoperability of the rail systems, as well as their sustainability, safety and security.	2019-DE-TM-0161-W	Works	Railway	DE	AT | BE | BG | CH | CZ | DE | HR | HU | IT | NL | NO | PL | RO | RS | SE | SI | SK	11,550,000
i2030 Rail Expansion in Berlin and Brandenburg: Western Gateway	This study will define the requirements to expand existing rail infrastructure along the Berlin Spandau-Nauen line. The project investigates different options to increase capacity at the interchange station ‘Berlin-Spandau’, such as an underground S-Bahn solution. It is part of Berlin-Brandenburg’s 'i2030 Urban Node Rail Development', and aims at alleviating bottlenecks within the TEN-T core rail network between Berlin, Hamburg and Hanover.	2019-DE-TM-0188-S	Studies	Railway	DE	DE	7,300,000
Preliminary Design "Heidenau-D/CR national border", new-build line Dresden-Prague	The proposed Action relates solely to the German sections of the Dresden - Prague new construction line project. The content of this Action consists of design work involved in the basic evaluation and supplementary services for the preliminary design. These are steps preceding the actual design phase which help to clarify the project requirements and determine the entire study and performance requirements, and functionally initiate the start of the preliminary design and coordinate its implementation.	2019-DE-TM-0198-S	Studies	Railway	DE	DE	3,375,000

Upgrade and new build of Stuttgart-Wendlingen line	This project funds the construction of sections along the Paris-Strasbourg-Stuttgart-Vienna-Bratislava railway axis. The objectives of the upgrade and new-build line are twofold: to connect Stuttgart Airport and trade fair centre to Deutsche Bahn's long distance network, expanding the regional service, and to link the airport and the Wendlingen – Ulm new-build line, enabling trains to travel at 250 km/h.	2019-DE-TM-0202-W	Works	Railway	DE	DE	64,453,888
Final planning of the Regionaltangente West (RTW) in Frankfurt am Main	The concentration of all rail traffic (S-Bahn, regional and long-distance traffic) at Frankfurt's main station has created a critical bottleneck in the German rail network. In particular, there is no direct connection between the districts and municipalities located northwest of Frankfurt and the airport. This project funds the final planning of the Regionaltangente West (RTW), a new rail connection to the west of Frankfurt that will improve local public transport.	2019-DE-TM-0242-S	Studies	Railway	DE	DE	20,000,000
Construction and operation of a medium-scale multimodal LNG terminal in the seaport of Rostock	Liquefied natural gas (LNG) is increasingly used as an alternative fuel for transport, especially in the maritime sector. With this project, the EU supports the construction and operation of a medium-scale multimodal LNG terminal in the seaport of Rostock. The TEN-T core seaport is strategically located in the south-western Baltic Sea. This project is expected to substantially decarbonise transport in the region and reduce air pollution.	2019-DE-TM-0247-W	Works	Maritime	DE	DE	19,393,115
Improvement of the cross-border railway line between Czech Republic and Germany	This project eliminates a bottleneck in cross-border rail traffic between Germany and Czechia while increasing efficiency along the entire Dresden-Prague route. As freight traffic has steadily increased in recent years, the existing infrastructure at Bad Schandau East station needs to be upgraded and expanded. To protect residents from rail noise, work will also include the implementation of additional noise protection measures.	2019-DE-TM-0275-W	Works	Railway	DE	DE	8,154,060
Supplementary and updated studies for upgrading the Danish Fehmarnbelt tunnel railway access line	This project helps to upgrade Danish railway access to the cross-border Fehmarnbelt tunnel, connecting Denmark and Germany. The aim is to upgrade from a single tack to a double track line, which will help decrease the travel time for both passenger and freight trains on the section Copenhagen-Hamburg.	2019-DK-TM-0146-S	Studies	Railway	DK	DK	3,887,245
Establishment of the New Storstrøm Bridge - works	With a support from this project, the new Storstrøm Bridge will be built. The bridge will meet today's standards, with high-speed rail capacity, electrification, and ERTMS. While the bridge will accommodate rail and road traffic, and will include a cycle and pedestrian path, this project covers only activities and costs related to the railway infrastructure. This project will improve the connection between Copenhagen and Hamburg, via the Fehmarnbelt tunnel.	2019-DK-TM-0153-W	Works	Railway	DK	DK	42,539,430
ALFION - Alternative Fuel Implementation in Port of Igoumenitsa	The ALFION project is formulating the plans needed for the development of on-shore power supply technology in the port of Igoumenitsa in Greece. This will allow ships to receive green electric energy at berth. Charging stations for vehicles will also be established, reducing the overall environmental footprint of transport activities in the port area.	2019-EL-TM-0227-S	Studies	Maritime	EL	EL	540,000

Upgrading and duplicating the railway line from Alexandroupoli to Pithio — studies	These studies will cover the upgrading and duplicating of the 117 km long railway line from Alexandroupoli to Pythio, as part of the global railway project Alexandroupoli-Ormenio (on the Sea2Sea railway corridor), which connects the Alexandroupoli port with Turkey (Pythio station) and Bulgaria (after Ormenio station). The work will increase cargo capacity towards Eastern Europe and improve cross-border transport to Turkey and Bulgaria.	2019-EL-TMC-0210-S	Studies	Railway	EL	EL	5,100,000
New single railway line connecting Thessaloniki-Amphipolis-Nea Karvali — studies	This project prepares studies for the new single railway line connecting the port of Kavala with Thessaloniki and - further on - the port of Alexandroupoli. The new high-speed line will be electrified and have two-way signalling. Benefits will include reduced travel times, increased road safety (through separated road-crossings) and reduced CO2 emissions. This work takes place along the strategically important 'Sea2Sea' multimodal freight corridor, which connects the Aegean Sea (ports of Thessaloniki, Kavala and Alexandroupolis) to the Black Sea (ports of Bourgas and Varna) and Danube (Ruse).	2019-EL-TMC-0221-S	Studies	Railway	EL	EL	15,300,000
Development of Safe and Secure Truck Parking Areas in Greece	Lorry drivers often face a lack of safe and secure parking places. This project will create nine new parking areas, including 182 lorry parking spaces across Greece. An e-Service will be developed to offer information on the location and services of the parking areas, as well as the opportunity to pre-book and pre-pay for a parking place.	2019-EL-TMC-0264-W	Works	Roads	EL	EL	8,023,755
LNGHIVE2 POWER SUPPLY & LNG BUNKERING	The project mitigates the negative environmental effects of moored ships using their polluting diesel engines by creating the infrastructure to supply electricity and liquefied natural gas (LNG) in the port of Palma, Spain. This will allow for ships to receive green electric energy at berth, and significantly reduce emissions.	2019-ES-TM-0093-W	Works	Maritime	ES	ES	6,380,000
Setting up two safe and secure parking areas in the Spanish-French border region	Lorry drivers often face a lack of safe and secure parking places. This project will create two new parking areas for lorry drivers in the region of Gipuzkoa in the north of Spain. An e-service will be developed to offer information on the location and services available, as well as the opportunity to pre-book and pre-pay a parking place.	2019-ES-TM-0121-W	Works	Roads	ES	ES	2,759,915
EALINGWorks Valenciaport: Preparation of the electrical grid of the Port of Valencia for Onshore Power Supply	The project mitigates the negative environmental effects of moored ships using their polluting diesel engines by creating the infrastructure to supply electricity in the port of Valencia, Spain. This will allow for ships to receive green electric energy at berth, and significantly reduce emissions.	2019-ES-TM-0182-W	Works	Maritime	ES	ES	1,754,910
Upgrading infrastructure at Seville Port to improve interconnection between the waterway and rail and maritime transport	The project will support a modal shift in Spain by upgrading a quay and building an extended railway yard in the port of Seville, Spain. The new infrastructure will further encourage modal shift from road to less polluting means of transport, and yield overall environmental benefits for the country and region.	2019-ES-TM-0194-W	Works	Inland waterways	ES	ES	1,884,621

Mediterranean Corridor Section Valencia-Sagunto-Castellón - implementation of UIC gauge. (Phase 2)	The project will adapt a section of Spanish railway from Valencia to Castellón to UIC gauge, allowing trains from all over the EU to seamlessly operate on this portion of the network. Spain has historically operated its railways with a different distance between the tracks than is the case in the rest of Europe, and projects like these allow for complete interoperability of trains across the EU.	2019-ES-TM-0235-W	Works	Railway	ES	ES	41,504,000
High-speed line Sines/Lisboa-Madrid: study of the Railway Complex of Atocha Station (Phase 3)	The project will pave the way for the refurbishment the Atocha railway station in Madrid (Spain) by completing the design for a new commuter hall, a new high-speed services hall and the eastern access to the station. Once refurbished, the station will be able to offer improved services to customers.	2019-ES-TM-0252-S	Studies	Railway	ES	ES	6,000,000
LNGHIVE2 Barcelona - an efficient LNG bunker barge in the port of Barcelona	The 'LNGHIVE2 Barcelona project will build an energy-efficient, safe, and cost effective new 5 000 cubic metre capacity liquefied natural gas (LNG) bunker barge (a refuelling barge for other ships) capable of providing refuelling services to large LNG-powered vessels (such as cruise ships and container vessels). LNG is a greener alternative to heavy oil as fuel for the maritime industry.	2019-ES-TM-0283-W	Works	Maritime	ES	ES	9,157,700
LNGHIVE2 Algeciras - A Flex LNG bunkering facility in the port of Algeciras Bay	The 'LNGHIVE2 Algeciras' project will build an energy-efficient, safe, and cost effective new 5 000 cubic metre capacity liquefied natural gas (LNG) bunker barge (a refuelling barge for other ships) capable of providing refuelling services to large LNG-powered vessels (such as cruise ships and container vessels). LNG is a greener alternative to heavy oil as fuel for the maritime industry.	2019-ES-TM-0308-W	Works	Maritime	ES	ES	11,292,800
Sea Li-ion	Before switching to electrification, the maritime sector needs reassurances on shore-side power, charging speed and capacity. This project will prove the environmental and economic case for electrification, and pave the way for the construction of energy storage systems in Gothenburg and Kiel to charge battery-powered ships. The system could be replicated elsewhere.	2019-EU-TM-0097-S	Studies	Maritime	DE | SE	DE | SE	1,505,000
Northern Access Line to the Brenner Base Tunnel between Munich (DE) & Radfeld (AT) - studies	This project will carry out the planning for a cross-border section along the economically crucial Scandinavian-Mediterranean Corridor, easing a bottleneck and increasing capacity at the northern end of the Brenner Base Tunnel. The project includes the definition of train numbers, expansion stages and equipment planning.	2019-EU-TM-0098-S	Studies	Railway	AT | DE	AT | DE	14,319,100
RH2INE Kick-start Study	Hydrogen-powered vessels are being held back from Europe’s inland waterways by a lack of refuelling stations. This project assesses design options, and establish the optimal locations for stations in Rotterdam, Duisburg and Neuss/Düsseldorf/Cologne. The project’s recommendations will open the way for construction, bringing sustainable fuels to a cross-border section of the EU’s transport network.	2019-EU-TM-0102-S	Studies	Inland waterways	DE | NL	DE | NL	524,500
Coordinated supply of onshore power in Baltic seaports	When ships are in port, on-board diesel generators currently provide the electricity needed for lighting etc. Five Baltic ports (Aarhus, Copenhagen, Rostock, Stockholm and Helsinki) are working together in this project to replace these generators with onshore power supply. Between them, these ports currently see more than 800 passenger ships annually, and 200 ferries weekly, making the potential emissions reductions significant.	2019-EU-TM-0125-W	Works	Maritime	DE | DK | FI | SE	DE | DK | FI | SE	15,307,920

Brenner Base Tunnel – studies	This project will the excavation of the remaining sections of the exploratory tunnel that will precede the construction of the Brenner Base Tunnel – itself a centrepiece of the railway upgrade between Munich and Verona. The excavation will improve knowledge of the geological conditions, reducing risks and assessing construction time.	2019-EU-TM-0147-S	Studies	Railway	AT | IT	AT | IT	28,000,000
Air Traffic Management: SESAR Deployment Programme implementation 2019 – IOP Foundation	This project brings together partners from around Europe to prepare the ground for the introduction of Flight Object Interoperability in the EU. This technology will allow the sharing of information needed for trajectory management between control centres, while supporting decision-making and seamless cross-border operations. The project will therefore help improve capacity, safety and efficiency.	2019-EU-TM-0185-W	Works	Airports	AT | BE | DE | DK | ES | FR | HR | HU | IE | IT | LT | NL | PL | PT | RO | SE | UK	AT | BE | DE | DK | ES | FR | HR | HU | IE | IT | LT | NL | PL | PT | RO | SE | UK	20,000,000
FAIRway works! in the Rhine-Danube Corridor	The upgrade of a lock in Serbia will reduce waiting times for vessels along the entire Rhine-Danube Corridor, while the upgrade of three mooring places in Austria will increase traffic and work safety, plus allow better planning of travel and rest times. A more efficient inland waterways system will help increase the sustainability of Europe's transport system.	2019-EU-TM-0187-W	Works	Inland waterways	AT | RS	AT | RS	17,030,458
TWIN-PORT 4	The Gulf of Finland is one of the busiest maritime routes in Europe. This project will reduce the environmental impact of the increasing traffic between Helsinki and Tallinn while optimising infrastructure, such as quay walls and road connections, to increase efficiency. This will make maritime an attractive alternative to road transport, ultimately benefitting the environment.	2019-EU-TM-0192-W	Works	Maritime	EE | FI	EE | FI	10,083,000
International Fast and Secure Trade Lane – Improving the Dublin-Cherbourg Motorways of the Seas -route	This project will provide ports, maritime and logistic actors active on the Dublin-Cherbourg shipping route with a toolkit to improve efficiency. The resulting policy recommendations could help facilitate commerce and trade between Ireland and France, and could be applied elsewhere if Brexit leads to a change in UK connections.	2019-EU-TM-0193-S	Studies	Maritime	FR | IE	FR | IE	386,500
EALING – European flagship Action for coLd ironING in ports	This project brings together ports from nine EU countries that wish to transition to alternative fuels. The launch of technical, financial, legal and environmental studies on the provision of shore side electricity through cold ironing will prepare the ports for the transition, while the project will also support their electrification and ensure port-to-vessel compatibility.	2019-EU-TM-0234-S	Studies	Maritime	BG | DE | EL | ES | IE | IT | PT | RO | SI	BG | DE | EL | ES | IE | IT | PT | RO | SI	3,480,120
Upgrade of the Baltic Sea Bridge Kapellskär-Naantali (Motorways of the Seas Finnlink)	The Kapellskär-Naantali maritime link is a key section of the Scandinavian-Mediterranean transport corridor for both passengers and freight. This project will establish a high-voltage onshore power facility at the ports to supply ships mooring there with environmentally friendly energy. It will also develop auto-mooring systems and upgrade the terminals for greater efficiency and safety.	2019-EU-TM-0245-W	Works	Maritime	FI | SE	FI | SE	3,445,473
Preparing FAIRway 2 works in the Rhine-Danube Corridor	This project will improve conditions along the Serbian-Croatian stretch of the Danube, benefitting operators from all countries using this inland waterway. Activities include finalising the functionalities of a transnational monitoring system, defining the future involvement of stakeholders, in particular from the shipping system, and analysing requirements for mooring places.	2019-EU-TM-0262-S	Studies	Inland waterways	AT | RS	AT | RS	954,000

Upgrade of the core Baltic maritime link Helsinki-Lübeck – phase 2 (MoS Hansalink 2)	Improving sustainability and efficiency, this project will provide for shore-side electricity for vessels at berth in Lübeck, optimise existing terminals using digitalisation to cut congestion, and improve IT and data documentation to ensure data security and effective communication. The improvements to port will also benefit the entire maritime link, from Lübeck to Helsinki.	2019-EU-TM-0270-W	Works	Maritime	DE | FI	DE | FI	3,444,472
Rail Baltica - 1435 mm standard gauge railway line development in Estonia, Latvia and Lithuania (Part V)	Together with Phase IV -project, the aim is to continue the work to complete the cross-border Rail Baltica line, filling a missing link along the North Sea-Baltic Corridor. Part V will continue constructing railway sections in Riga and at Riga Airport in Latvia and start new construction work for the main line in Lithuania. Construction bases will be prepared in Estonia, and preparatory work for electrification will begin. Works will continue at Ülemiste railway terminal in Tallinn and will start at Muuga freight terminal in Estonia.	2019-EU-TMC-0280-W	Works	Railway	EE | LT | LV	EE | LT | LV	108,901,295
Rail Baltica - 1435 mm standard gauge railway line development in Estonia, Latvia and Lithuania (Part IV)	Together with Phase V -project, the aim is to continue the work to complete the cross-border Rail Baltica line, filling a missing link along the North Sea-Baltic Corridor. Part IV includes the design of the energy and control command systems, preparation of joint procurement for materials, a (state-of-the-art) multimodal traffic demand model, spatial planning and design of local facilities and of regional stations in Estonia, Latvia and Lithuania.	2019-EU-TMC-0282-S	Studies	Railway	EE | LT | LV	EE | LT | LV	74,884,300
Creating a network of connected safe and secure parking areas in Hungary and Romania (SecureNetwork)	More safe and secure parking areas along roads from Romania to Western Europe via Hungary will increase road safety by giving lorry drivers somewhere to rest, and ease congestion on the network. This project will construct new parking areas in both Romania and Hungary, and upgrade two existing parking areas in Hungary.	2019-EU-TMC-0323-W	Works	Roads	HU | RO	HU | RO	15,073,624
Study: The development of the main railway section Helsinki-Riihimäki	The Helsinki-Riihimäki-Tampere railway line is the busiest in the country for passenger traffic, serving long distance passengers, local commuters and freight services. It is the main railway connection in Finland, and half of the Finnish population live along the main line. The section is also very important for traffic to the core ports of Helsinki, and it connects with the main international airport of Finland. The track infrastructure is starting to age and is in a need of repair, while additional tracks are planned to accommodate an expected increase in traffic.	2019-FI-TM-0151-S	Studies	Railway	FI	FI	6,500,000
Study: KOKOHA - Upgrade of Kouvola-Kotka-Hamina rail connection	The railway connection between Kouvola-Kotka-Hamina is crucial for freight, but also for passengers travelling between Kouvola and Kotka. Large volumes of paper as well as vast amounts of hazardous materials and chemicals are transported on this line, however the current infrastructure does not allow for a significant increase in the number of trains; the current signalling system (dating from the 1970s) also fails to fulfil current technical requirements. This project will also improve the interconnection between rail and maritime transport.	2019-FI-TM-0246-S	Studies	Railway	FI	FI	1,680,000

The development of the Helsinki-Turku railway connection - study	The Helsinki-Turku railway line is not only one of the busiest railway connections in Finland; it is also strategic for the whole Finnish transport system, connecting the largest and the third-largest cities. - The current single track between Helsinki and Turku is in a poor condition and must accommodate both long-distance and commuter trains. There is a clear need for a faster train connection (current average speed of the long-distance train is only 99 km/h), while increased capacity would allow more freight transportation. This project will increase safety, reduce congestion and encourage people to use sustainable public transport.	2019-FI-TM-0256-S	Studies	Railway	FI	FI	37,500,000
Studies: Development of the Bothnian Rail Corridor	These studies will help to prepare the ground for the upgrade of the cross-border railway connection between Finland and Sweden. Currently there are several shortcomings, such as non-electrified parts, a lack of options to increase capacity, both for freight and passenger transport - despite a predicted spike in demand - and several level crossings that limit speed and cause accidents.	2019-FI-TM-0257-S	Studies	Railway	FI	FI	1,600,000
Espoo Rail Line: Development of the Helsinki-Turku railway connection - study	The Helsinki-Turku railway line is not only one of the busiest railway connections in Finland; it is also strategic for the whole Finnish transport system, connecting the largest and the third-largest cities. Espoo is one of the most challenging bottlenecks of the track as the long-distance trains share the same tracks with commuter trains. This project prepares a construction plan of the Espoo Rail Line (15 km) with two additional tracks between Leppävaara and Kauklahti, approximately 26 bridges and a tunnel of 120 meters. There are six stations in the study area of the Espoo Rail Line project. Espoo Rail Line improves capacity, punctuality and disruption sensitivity especially for long-distance trains.	2019-FI-TM-0267-S	Studies	Railway	FI	FI	11,000,000
DOCKSIDE PROJECT Canal Seine-Nord Europe inland ports studies	The project will look into the design of four ports located in Northern France, on an essential stretch of the Seine. The aim is to improve service to maritime and inland ports while removing a bottleneck, thus contributing to a sustainable transport system. Rail and road connections will be analysed with a view to enhancing multimodality. The studies are part of a wider project, the Canal Seine-Nord Europe, which will connect France, Belgium, and Netherlands with the rest of Europe via a wide gauge link.	2019-FR-TM-0110-S	Studies	Inland waterways	FR	FR	7,727,047
Development of 12 ERTMS Baseline 3 prototypes for the improvement of rail interoperability on 9 TEN-T Corridors	Prototypes will be developed under this project, while authorisation to improve the rail interoperability of 196 locomotives on 9 TEN-T corridors is awaited. ERTMS on-board equipment installations will enable AKIEM, a major player in the locomotive leasing market, to strengthen the interoperability of its fleet.	2019-FR-TM-0115-W	Works	Railway	FR	FR	7,350,000
New RoRo at Port of Dunkirk: securing & improving environmental performance of traffic	The development of a new RoRo (roll-on/roll-off) ramp will enable the Port of Dunkirk to receive new and larger vessels. Without this ramp, the Port would be unable to receive and process RoRo traffic, jeopardising the cross-Channel link with the UK. The terminal will be equipped with an offshore power supply system: a LNG filling station is now in place, and a hydrogen production unit will come into service in 2022. Combined, these services will enable the RoRo infrastructure to move towards zero emissions.	2019-FR-TM-0124-W	Works	Maritime	FR	FR	7,300,000

Port development of the Ports of Mulhouse-Rhine	The project covers development at the Ports of Mulhouse-Rhine, including a new bulk materials storage platform, a container terminal, and new infrastructure adapted to the loading of containers. The new infrastructure will strengthen growth and competitiveness in the region, as well as the integration and interconnection of all modes of transport.	2019-FR-TM-0148-W	Works	Inland waterways	FR	FR	2,440,000
Electrification of the Seine Axis: onshore power and water supply for fluvial units	The electrification of the Seine Axis will make the Seine the first European river to offer onshore power supply connections from end to end in 2023. The work will support the energy transition for port activities, decarbonisation (due to lower diesel consumption by vessels) and a reduction in noise pollution. Eighty electric terminals, accessible for all vehicle types, will be installed, allowing the supply of fluvial units on the Seine.	2019-FR-TM-0159-W	Works	Inland waterways	FR	FR	1,848,000
H2Bordeaux	The project is preparing the way for the deployment of hydrogen as an alternative fuel at the port of Bordeaux, while supporting the energy transition for port operations. It will encourage a hydrogen-based ecosystem at the industrial port area, thus contributing to the decarbonisation of the harbour and reducing the carbon footprint of Bordeaux Metropole.	2019-FR-TM-0184-S	Studies	Maritime	FR	FR	375,000
Studies on the capacity improvement of the cross-border rail section Metz-Luxembourg	As the number of cross-border commuters has grown, the rail route between Metz and Luxembourg has become saturated, both for passenger and freight traffic. The overall objectives of the studies are to find ways to address current and future capacity needs, and specify the investments needed.	2019-FR-TM-0212-S	Studies	Railway	FR	FR	1,991,123
Works on the handling of the Mulhouse rail node to improve the North Sea – Mediterranean Corridor	The project will complete the modernisation of the Mulhouse rail hub. By removing a bottleneck at Mulhouse station, as well as upgrading signalling and its connection to a new centralised traffic control system, the project will improve connections between France, Germany, Switzerland and Luxembourg. For passengers, this will mean shorter travel times and reduced pollution.	2019-FR-TM-0243-W	Works	Railway	FR	FR	13,188,295
Line for Airport and Research Area	The tunneling works along the Grand Paris Express line will connect Orly airport and the Massy-Palaiseau high-speed line to Versailles, while serving major economic hubs such as a key scientific and technological cluster. The project will help improve air quality, encourage a sustainable modal shift, and benefit passengers in terms of time savings. The work is expected to save 27m tonnes of equivalent CO2 by 2050.	2019-FR-TM-0253-W	Works	Railway	FR	FR	63,897,055
Studies for the improvements required to desaturate and enhance capacity in the Lyon Railway Node	The Lyon Railway Node is currently subject to heavy congestion, which can delay trains and result in an inability to provide the services required for growing travel needs, both for passengers and freight. The project includes studies on the options for removing the current bottleneck by improving rail infrastructure.	2019-FR-TM-0254-S	Studies	Railway	FR	FR	4,200,000
Studies into phasing for the realization of the French accesses to the Lyon-Torino tunnel	The completion of the Lyon-Turin tunnel will open a new rail network between France and Italy, also increasing rail freight between the two countries. The studies carried out under this project will determine the best scenario for providing access to the base tunnel from France.	2019-FR-TM-0255-S	Studies	Railway	FR	FR	2,000,000

Upgrading and developing of the Paris Southern bypass	Various preparation studies will lay the ground for the upgrade and development of the western sector of the Paris bypass. It will help remove two bottlenecks, doubling the current single-track connections between cross-country high-speed lines and the Major Loop line round Paris, as well as eliminate the sharing of a junction by TGV and RER Line C trains, thus benefiting the traffic to and around Orly airport. Punctuality, travel times and passenger numbers are all expected to improve as a result.	2019-FR-TM-0269-S	Studies	Railway	FR	FR	3,026,518
Upgrade of Gambsheim locksite: Provide an efficient and sustainable transport system in the Rhine	This project will upgrade the locksite of Gambsheim - located on the Rhine in France, at the border with Germany. By enhancing navigation performance, work will de facto modernise navigation on the Rhine. By removing bottlenecks, the upgrade will improve access to large maritime ports along the Rhine, namely in France, Germany and Switzerland.	2019-FR-TM-0317-W	Works	Inland waterways	FR	CH | DE | FR	8,749,000
Widening and modernization of the northern underpass at Toulouse Matabiau railway station	Matabiau station is at the heart of the Occitania region's railway system. Increased passenger volumes mean the existing infrastructure is reaching its limit. By widening, modernising and providing access to the northern underpass in Toulouse Matabiau station, the current bottleneck and saturation will be eased, while access to the city's future international exchange hub will be possible. The project will also address accessibility, comfort, safety and multimodality, thereby increasing service quality for passengers.	2019-FR-TM-0327-W	Works	Railway	FR	FR	3,670,660
Zagreb Safe & Secure Parking — Žitnjak	Lorry drivers often face a lack of safe and secure parking places. This project will create a new parking area at Žitnjak for freight vehicles. The existing public parking will be reconstructed in line with EU safety standards. The certified Žitnjak parking area will have a capacity of 63 parking spaces (including for five dangerous goods vehicles).	2019-HR-TMC-0152-W	Works	Roads	HR	HR	2,698,543
Construction of the vertical quay in the Port of Vukovar – project documentation	The Port of Vukovar is the largest inland port in Croatia. The existing port infrastructure no longer meets the demands of Danube waterway transport, and some parts of the riverbank are still in very bad condition following damage during the war. This project prepares the plans and studies for the construction of the vertical, which will increase the port's capacity.	2019-HR-TMC-0233-S	Studies	Inland waterways	HR	HR	1,426,173
Preparing FAIRway 2 works in the Rhine-Danube Corridor	This project will improve conditions along the Serbian-Croatian stretch of the Danube, benefitting operators from all countries using this inland waterway. Activities include finalising the functionalities of a transnational monitoring system, defining the future involvement of stakeholders, in particular from the shipping system, and analysing requirements for mooring places.	2019-HR-TMC-0263-S	Studies	Inland waterways	HR	HR	1,176,400
Establishment of monitoring systems for rail safety, security & technical controls	Inspections of trains and their impact on the tracks are currently performed - for the most part - using visual, tactile or sound inspection, simple tools such as hammers. If a vehicle malfunctions on these lines, it hinders traffic flows not only in Croatia, but also across the borders. This project will establish nine monitoring systems for the real-time and automatic collection of data on safety, security and the trains' technical parameters and interaction with the tracks. This will enhance both the interoperability and reliability of rail.	2019-HR-TMC-0342-W	Works	Railway	HR	HR	14,509,242

Elimination of rail bottlenecks and improving cross-border interoperability between Budapest & Hegyeshalom (- Vienna)	This project will upgrade the 177 km long Budapest/Kelenföld/–Hegyeshalom (border) railway section. Work will improve interoperability, safety and the standard of railway services, the overall goals being to improve the railway connection between Budapest and Vienna, to expand the timetable offering, and to decrease travel times.	2019-HU-TMC-0134-W	Works	Railway	HU	HU	47,101,727
Setting up the first safe and secure truck parking area in Southern Hungary	Lorry drivers often face a lack in safe and secure parking places. This project will establish a new parking area with 131 parking spaces North of Szeged, close to the Romanian and Serbian borders - a crucial area for EU freight transport. The work should improve road safety (as drivers will be better rested).	2019-HU-TMC-0191-W	Works	Roads	HU	HU	5,149,391
DART Expansion – Kildare Line (engineering design)	DART Expansion will provide more frequent & sustainable transport options to citizens living in the greater Dublin area, and encourage a shift from private cars to public transport. The project increases train frequency and capacity, as well as better linkages with other transport modes. This is expected to have a positive impact on employment, congestion and sustainability. Studies will cover electrification, resignalling, 4-tracking, provisions for new and upgraded stations and bridge replacements along the Kildare Line, preparing the way for the construction phase.	2019-IE-TM-0127-S	Studies	Railway	IE	IE	8,891,623
Channeling the Green Deal for Venice	The port of Venice, in Italy, is connected to the Adriatic sea by a single 15 km canal, through which all ships calling on the port must transit. The project will improve transit for through-traffic by devising a better way to manage sediments in the canal and Venice lagoon. Partners will also study ways in which to improve navigation without affecting the delicate hydrodynamic balance of the lagoon.	2019-IT-TM-0096-S	Studies	Maritime	IT	IT	849,500
Port of Trieste: Railway Terminal and LNG Facility (studies)	The port of Trieste is the main Italian container gateway to central Europe. This project will improve and expand its container terminal and railway yard to increase container throughput further still. The new development will take into account the environmental impact of the works and offer mitigation measures. Furthermore, IT resources will be put in place to connect port and rail operations, and a liquefied natural gas (LNG) facility will be built.	2019-IT-TM-0101-S	Studies	Maritime	IT	IT	3,194,250
Naples LNG Coastal Depot	The project will design a liquefied natural gas (LNG) coastal depot in the port of Naples, in Italy. LNG is a greener alternative to heavy oil as fuel for the maritime industry.	2019-IT-TM-0112-S	Studies	Maritime	IT	IT	669,533
C-ROADS ITALY 3	Intelligent Transport Systems (ITS) for road transport offer a wide variety of solutions to improve all aspects of road transport performance. As part of the project, Connected ITS (C-ITS) services will be developed in Italy, so that the impact on road safety and traffic efficiency can be maximised. This will be achieved by further enhancing the interaction between infrastructure, road operators and vehicles through IT solutions, and yield improved safety, better efficiency and a reduced environmental impact for the sector.	2019-IT-TM-0114-W	Works	Roads	IT	IT	1,201,000

MXP-NLINE	The project will link Terminal 2 of Malpensa Milan airport in Italy with railway lines towards Gallarate and Switzerland, thus connecting the airport towards the north and allowing it to become a node in a long-range international railway network. Milan Malpensa will hence be connected to a larger catchment area and more citizens will be able to reach it using normal rail services.	2019-IT-TM-0167-W	Works	Railway	IT	IT	63,402,000
Milan East Gate Hub	The project will design the 'Milan East Gate Hub', which includes the Milan Segrate East Gate high speed rail station and the connection between this station and the Milan Linate Airport subway station, through the extension of the M4 underground line. The extension will allow a direct air-rail connection between high-speed rail and air services on the TEN-T network.	2019-IT-TM-0171-S	Studies	Railway	IT	IT	1,250,500
PASS4CORE-ITA - Parking Areas implementing Safety and Security	Lorry drivers often face a lack of safe and secure parking places. This project will create 13 new parking areas fin Italy. An e-service will provide information on the location and services offered at the parking area, as well as the opportunity to pre-book and pre-pay a parking place.	2019-IT-TM-0337-W	Works	Roads	IT	IT	5,505,844
RAIL-TO-AIR - Enhancing the rail interconnection between Torino urban node, airport and related hinterland	The project will improve the urban railway in the city of Turin (Italy) and connect it to the city's airport, thus unlocking its full potential. This direct rail connection airport will also further unlock the economic potential of the city and encourage passengers to leave their cars at home when going to the airport.	2019-IT-TM-0338-W	Works	Railway	IT	IT	14,647,782
Setup of a modern safe and secure parking area in Lithuania	The lack of safe and secure parking spaces for lorry drivers is an issue across Europe. With this project, 38 modern, safe and secure lorry parking spaces will be built in Lithuania, west of Kaunas, along the Via Baltica.	2019-LT-TMC-0197-W	Works	Roads	LT	LT	1,039,294
EuroCap-Rail: construction of a new section providing a direct link between Luxembourg Station and Bettembourg Station	The project will construct a new rail section with two tracks connecting Luxembourg and Bettembourg stations. The line will be aligned as closely as possible to the existing motorway between the two cities. By increasing the capacity of the railway line, this new direct connection between Luxembourg and Bettembourg will have a positive spillover effect on the Brussels-Luxembourg-Strasbourg axis, enhancing connectivity in the region.	2019-LU-TM-0219-W	Works	Railway	LU	LU	16,950,000
Deploying a new safe & secure parking area in Latvia and upgrading an existing one along the North Sea Baltic Corridor	The lack of safe and secure parking spaces for lorry drivers is an issue across Europe. This project covers 260 lorry parking places in Latvia. The parking area in Adazi will be upgraded, and a new one established in Bauska, along the A67. All users (transport companies and lorry drivers) will also benefit from the advantages offered by Intelligent Transport Systems, allowing for smarter route planning and advance reservations. Drivers will be able to avoid unnecessary detours to find a safe and secure parking place.	2019-LV-TMC-0195-W	Works	Roads	LV	LV	3,607,968

The High Voltage Shore Connection (HVSC) for the Grand Harbour	Cruise vessels and RO-RO vessels require energy while berthed; this is currently provided using their auxiliary engines and marine gas oil. This consumes a significant amount of energy and also generates emissions (CO2, NO2, SO2 & particulates) and noise. This project will provide on-shore power supply for the cruise liners that berth within the Grand Harbour, linking the vessels to the national energy grid. This is expected to reduce CO2 emissions by nearly 40%. This reduction is important as the Grand Harbour is located close to densely populated residential and business areas.	2019-MT-TMC-0089-W	Works	Maritime	MT	MT	21,905,380
Connection of 3rd railway cross-border track Zevenaar-Emmerich / Oberhausen	The cross-border section at Zevenaar-Emmerich on the Dutch-German border is an important link for international passenger and freight transport along the Rhine Alpine Corridor. This project will modernise communication and operational processes between the traffic management control centres on both sides of the border. Studies to prepare for the final connection of the Dutch to the German third track, currently under construction, will also be carried out.	2019-NL-TM-0091-S	Studies	Railway	NL	DE | NL	1,196,403
Prototype for retrofit Drielandentrein (through-train Liège-Maastricht-Aachen) with ERTMS (B3) on-board equipment	This project aims at improving a functional bottleneck on cross-border sections between Belgium, Germany and the Netherlands. To operate the so-called 'three-country train' between Liège (BE), Maastricht (NL) and Aachen (DE), current trains must be retrofitted — this project will provide a prototype. Ultimately, this will help provide a fast, direct and high-quality connection between the province of Limburg (and the surrounding provinces in the three countries) and the stations of Aachen and Liège on the TEN-T core network (Rhine-Alpine and North Sea Baltic).	2019-NL-TM-0108-W	Works	Railway	NL	NL	900,000
SecureNL 2.0	Lorry drivers often face a lack of safe and secure parking places. This project will construct six new parking areas for Heavy Goods Vehicles in the Dutch provinces of Limburg, South Holland, North Brabant and Zeeland. These locations are in close proximity to TEN-T Rail-Road terminals, ports and airports as well as logistics centres, enabling multimodal transport solutions. This project is expected to have a positive impact on traffic management, congestion, multimodality, transport security and safety for lorry drivers.	2019-NL-TM-0113-W	Works	Roads	NL	NL	6,456,106
Study for the removal of the railway bottleneck to the Maasvlakte II railway terminals in the Port of Rotterdam	The maritime port of Rotterdam is one of the biggest ports in Europe and functions as a gateway to the European market. In recent years, it has seen increased transport volumes due to economic growth and significantly larger sea vessels arriving at the port. Current projections indicate container traffic will triple by 2040, meaning that demand for railway transport will exceed the current capacity of the port's railway terminals. The planned study will help determine the right infrastructure to accommodate the increased transport volumes, bearing in mind environmental and socio-economic impacts.	2019-NL-TM-0160-S	Studies	Railway	NL	NL	3,553,500
Bio2Bunker: BLNG as the solution for decarbonising the maritime industry.	Liquefied natural gas (LNG) is key to reducing the environmental and climate impact of the shipping sector. This project develops and expands a (Bio)-LNG (BLNG) bunkering supply chain by introducing three BLNG bunker barges in Zeebrugge, Rotterdam, and Lübeck. The project will provide additional LNG refuelling points at core maritime EU ports, thereby helping to decarbonise the transport sector and reduce air pollution.	2019-NL-TM-0196-W	Works	Maritime	NL	BE | DE | NL	11,000,000

Rotterdam and EU hinterland connection: Theemsweg railway section superstructure	The port of Rotterdam is Europe's largest sea port and functions as a gateway to the European market. To improve the port's connection to the EU hinterland, this project foresees the construction of Theemsweg railway section. This new infrastructure will eliminate a bottleneck and improve transport flows between Member States in a sustainable way.	2019-NL-TM-0284-W	Works	Railway	NL	NL	8,688,000
The Rhombus system: upgrading of waterborne operations infrastructure along the Meuse and Albert Canal	This project will create a Rhombus-shaped waterway system connecting Antwerp-Liège-Venlo-Nijmegen-Rotterdam. The system comprises the important inland waterways of the Albert Canal, Juliana Canal and the river Meuse. Infrastructure for waterborne operations will be upgraded at three Rhombus locations. The project is expected to have a positive impact on the efficiency and competitiveness of inland waterway transport by increasing capacity while decreasing costs, waiting times and congestion on the waterways.	2019-NL-TM-0287-W	Works	Inland waterways	NL	BE | NL	10,401,255
Overnight mooring facility Spijk on the German-Dutch border – Rhein	The Waal river is among the busiest inland waterways in Europe. Every year, approximately 135 000 barges pass the Dutch-German border at Lobith. As the number increases, along with their size, so has the need for more mooring facilities, for measures to increase safety, and for skippers to comply with rest time rules. This project will improve navigability, safety and security by installing a mooring facility at Spijk, along the Waal river.	2019-NL-TM-0295-W	Works	Inland waterways	NL	NL	11,353,186
Upgrading Amersfoort East side rail yard on the pre-identified core North Sea Baltic section	Amersfoort is one of the largest railway yards in the Netherlands, with tracks to Amsterdam, Utrecht, Leusden, Zwolle and Apeldoorn. This project will resolve current physical, technical and operational bottlenecks on the east side of Amersfoort railway yard. It will ensure that the Dutch rail yard is able to meet future national and international passenger and freight train requirements.	2019-NL-TM-0321-W	Works	Railway	NL	NL	7,960,800
Analysis of the integrated transport development possibilities in Warsaw, based on underground and multimodal, interchange nodes	This project will investigate the feasibility of developing Warsaw's underground network to improve connections between long-distance rail and bus transport, and indirectly air transport. Warsaw straddles two important-European transport corridors (Baltic-Adriatic, North Sea-Baltic), and is also the departure/arrival point for many trans-European journeys. Improved connections will benefit everyone heading to or crossing Warsaw.	2019-PL-TM-0215-S	Studies	Railway	PL	PL	2,085,949
Facilitating sustainability of the hinterland connection with core port in Szczecin: railway bridge over Regalica River	A new, high railway bridge able to hold two rail tracks will replace an old rail drawbridge crossing over the Odra River under this project. The drawbridge is a bottleneck for trains and waterways vessels, and restricts accessibility to the seaports of Szczecin and Swinoujscie. The project will increase both capacity and efficiency for freight transport.	2019-PL-TM-0244-W	Works	Maritime	PL	PL	7,104,962
Works on the E75 railway line Elk-Trakiszki (state border) section – design documentation	This study will prepare the way for linking the new Rail Baltica line in the Baltic States with Poland, allowing higher operating speeds, shorter travel times, and greater capacity. Partners will carry out detailed studies and the design, the results of which will lead to a contract for the construction works on this section.	2019-PL-TMC-0302-S	Studies	Railway	PL	PL	36,678,096

Works on the E75 railway line, Czyzew-Bialystok section (phase II)	This is the second stage in a project to modernise this rail section, as part of the Rail Baltica upgrades in Poland. Work will remove bottlenecks, make it possible for trains to travel faster, increase safety by constructing new grade-separated intersections, and remove 22 level crossings. Improvements will benefit the entire North Sea-Baltic corridor, and all who use it.	2019-PL-TMC-0322-W	Works	Railway	PL	PL	385,718,815
RESTART – Masterplan for Lisbon's Multimodal Mobility Hubs	This study will prepare the way for the conversion of five major Lisbon transport terminals into a network of interconnected mobility hubs. It will assess the operational needs of public transport (urban, intercity and long-distance), and make recommendations on enabling seamless multimodal mobility within the city. Greater multimodality will reduce private car-use, cutting emissions and congestion.	2019-PT-TM-0313-S	Studies	Roads	PT	PT	432,267
Development of the Drobeta-Turnu Severin Port by constructing a trimodal terminal (study)	The project will analyse the feasibility of constructing a trimodal terminal (waterways, road & rail), to improve the handling of containers at the Drobeta-Turnu Severin Port. This would help the port benefit from its position on the Danube, on the route to the north-west of Romania, and from the growing demand for multimodal transport. A new terminal could open up new transport routes and increase the attractiveness of the port, contributing to local and regional development. Shifting freight traffic from roads to water and rail would reduce emissions and decongest the road network.	2019-RO-TMC-0137-S	Studies	Inland waterways	RO	RO	510,000
Modernization of the Coslariu - Cluj-Napoca Railway Line (feasibility study)	The global aim is to modernise the existing railway line between Coslariu and Cluj-Napoca in Romania. This project will analyse the condition of the current line to identify bottlenecks and other deficiencies, and carry out a feasibility study to prepare for the next phases of the project.	2019-RO-TMC-0162-S	Studies	Railway	RO	RO	9,416,326
Modernization of the Bucharest - Craiova Railway Line (feasibility study)	This project concerns the upgrading of the Bucharest–Craiova railway line. The partners will analyse the condition of the current line to identify bottlenecks and other deficiencies. A feasibility study will also prepare the way for the next phases of the project.	2019-RO-TMC-0163-S	Studies	Railway	RO	RO	17,361,737
Europarking Secure Parking	Lorry drivers often face a lack of safe and secure parking places. This project will establish new parking areas with service facilities close to Ploiesti (Romania), with parking for 70 heavy-duty vehicles.	2019-RO-TMC-0223-W	Works	Roads	RO	RO	3,436,840
Modernization of the Apahida - Suceava Railway (feasibility study)	The purpose is to upgrade the Apahida-Suceava railway section and improve its operational performance. This project will analyse the condition of the current line to identify bottlenecks and other deficiencies, and carry out a feasibility study to prepare for the next phases of the project.	2019-RO-TMC-0228-S	Studies	Railway	RO	RO	26,721,382
Modernization of the railway lines and installations from the Railway Complex Bucuresti Nord (feasibility study)	The project will modernise the railway subsystems (lines and installations) within the Bucuresti Nord Railway Complex by implementing a system that ensures interoperability. The partners will analyse the condition of the current railway infrastructure to identify bottlenecks and other deficiencies on the lines. A feasibility study will also prepare for the next phases of the project.	2019-RO-TMC-0232-S	Studies	Railway	RO	RO	4,275,864
Modernization of the railway line Bucharest Nord - Henri Coandă International Airport	This project is part of the global Bucharest Nord - Henri Coandă International Airport railway project. It is financing works and creating the documentation needed for future steps of the project. The direct air-rail connection will encourage more people to go to the airport by train instead of by car.	2019-RO-TMC-0300-W	Works	Railway	RO	RO	48,367,206

New East-Coast Line, a railway study for a 40 km long section of double track between Gävle-Kringlan	The East Coast Line, a 402-km long railway in Sweden, links Stockholm, Uppsala, Gävle and Sundsvall, as well as smaller cities, and forms the backbone for the transport of forestry and industrial products within the northern part of Sweden. The single track between Gävle and Sundsvall is a serious weak link in the Swedish railway network. Building a double track will increase capacity and cut travelling time considerably.	2019-SE-TM-0103-S	Studies	Railway	SE	SE	3,550,000
Removal of a major bottleneck between Flackarp and Arlöv on the Swedish Southern Main Line	Sweden's Southern Main Line is one of Sweden's busiest lines for both international and national transportation. The Malmö-Lund section sees around 460 trains daily, which is expected to rise to 650 by 2030. To cope with more traffic, this project will rebuild the line between Flackarp and Arlöv, upgrading it to a four-track system. Noise barriers will also be built, while reconstruction work will take place at Burlöv, Åkarp and Hjärup platforms, and on bridges at the Alnarp motorway junction. The project will cut travel times, including for commuters, and make long-distance train travel more attractive.	2019-SE-TM-0106-W	Works	Railway	SE	SE	23,640,000
ERTMS On-board prototyping in Sweden 2020-2023	Installing ERTMS will increase the interoperability of rail across the EU's borders. Sweden has chosen the vehicle strategy to implement ERTMS, meaning all vehicles operating on ERTMS-equipped lines also need ERTMS equipment on-board. The total number of vehicles concerned in Sweden is 1 200-and 1 700. This project involves on-board retrofitting of both national and international prototypes, and on-board upgrading of a national prototype. Activities include procurement, type installation on prototypes, testing, installation, approval and certification for all vehicle types.	2019-SE-TM-0111-W	Works	Railway	SE	SE	9,700,000
The West Link - Kvarnberget railway tunnel	This project concerns the construction of a 560m concrete tunnel and 130m service tunnel on the West Link line beneath central Gothenburg. The double-track tunnel will allow public transport to reach further into central Gothenburg, while allowing train services to pass through the city without stopping. Not having this option currently causes congestion. Gothenburg is an important intermodal transport and logistics hub on the Scandinavian-Mediterranean corridor; this project will remove a bottleneck while supporting economic growth and regional development.	2019-SE-TM-0229-W	Works	Railway	SE	SE	22,108,104
TIR Truck Park Sermin	Parking spaces for lorries are lacking along Slovenia's motorways, as are safety and security for drivers in the places available. TIR Truck Park Sermin will build 301 safe and secure parking places close to Koper and Sermin, in accordance with high European standards. Spaces will be lit, fenced off and under video surveillance to ensure safety and security, and will be equipped with bathroom facilities, wi-fi, canteens, and vending machines.	2019-SI-TMC-0213-W	Works	Roads	SI	SI	2,513,904
Preparation of project documentation for the upgrade of the sections and railway stations in Ljubljana	Ljubljana is the busiest railway hub in Slovenia. The project foresees the design of several stations, including the main railway station, as well as the tracks between them. With 450 trains per day, the station is important for passengers and freight trains. The design documentation will clear the ground for the start of construction and an infrastructure upgrade to improve the network's capacity.	2019-SI-TMC-0311-S	Studies	Railway	SI	SI	8,463,450

Public port Bratislava – feasibility study	This project prepares for the upgrade of infrastructure in the port of Bratislava. The aim is to encourage sustainability and to multiply synergies between the port's activities so as to develop transport along the Danube and ensure a positive impact for society.	2019-SK-TMC-0116-S	Studies	Inland waterways	SK	SK	1,340,000
Modernisation of the rail corridor: CZ/SK border – Cadca	This project modernises the double track railway line from the Czech/Slovak border to Cadca (Slovakia) on the railway line to Žilina. This includes the modernisation of safety and signalling equipment, and of the railway tracks. The objective is to increase the attractiveness of rail by improving reliability and safety, as well as increasing speed (+40 km/h).	2019-SK-TMC-0143-W	Works	Railway	SK	SK	39,883,237