

CEF Transport calls for proposals 2021: selected projects, June 2022

Project acronym	Title	Applicant country	Coordinator	Max. EU Fin. Cont. (€)	Project description
21-AT-TG-C-Roads Austria 3	C-Roads Austria 3	AT	BUNDESMINISTERIUM FUER KLIMASCHUTZ, UMWELT, ENERGIE, MOBILITAET, INNOVATION UND TECHNOLOGIE	6,462,484	The Action relates to extending the C-ITS deployment to ca. 700 km of motorways along the Austrian TEN-T network and in the urban nodes of Graz and Klagenfurt.
21-AT-TG-EDA	Electrified Danube	AT	LINZ STROM GAS WARME GMBH FUR ENERGIEDIENSTLEISTUNGEN UND TELEKOMMUNIKATION	3,670,032	The Action concerns the upgrade of 17 existing inland waterway mooring locations in Upper and Lower Austria, along the Rhine – Danube TEN-T Core Network Corridor, through the development and installation of onshore power systems (OPS), including relevant infrastructure.
21-AT-TG-Stadlau-Marchegg	Vienna Stadlau – Marchegg: establishment of a continuous two-track, electrified railway infrastructure for target travel speeds of 200 km/h	AT	BUNDESMINISTERIUM FUER KLIMASCHUTZ, UMWELT, ENERGIE, MOBILITAET, INNOVATION UND TECHNOLOGIE	28,879,356	The Action concerns the planning, construction, electrification and installation of relevant equipment, of a second rail track in the sections remaining to be upgraded, along the Stadlau – Marchegg section of the Wien – Bratislava railway line that is located along the Baltic – Adriatic TEN-T Core Network Corridor in Austria.
21-BE-TG-DIGIWAVE Phase 1	DigiWave Phase 1	BE	DE VLAAMSE WATERWEG	2,422,112	The Action focuses on digitalisation to optimize traffic and transport management, for maximal integration of an automated inland waterway transport in a synchromodal transport chain, on the core network of inland waterways in Flanders and Brussels, in Belgium on the North Sea – Baltic and North Sea – Mediterranean TEN-T corridors.
21-BE-TG-ERTMS track-side	ETCS Level 2 track-side deployment on several sections of the Core Network in Belgium	BE	INFRABEL SA	49,610,000	The Action relates to the deployment of ERTMS Level 2, Baseline 3 on 6 railway sections with a total length of 377 km, including 196 km of underlying electronic interlocking type Simis W.

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21-BE-TG-Elimination LC compr	Removal of 9 level crossings on the Comprehensive Network in Belgium	BE	INFRABEL SA	4,272,000	The Action relates to the removal of nine level crossings on three railway lines of the comprehensive network in Belgium i.e. on the sections Angleur - Marloie, Namur - Liège - Guillemins, and Antwerp - Hamont
21-BE-TG-FARO	Flanders Automation and Remote Operation	BE	DE VLAAMSE WATERWEG	38,878,095	The Action concerns the extension of a transition remote control centers (RCC), installing and connecting technical systems in existing transition RCC's, and implementing ongoing and planned automation projects, in Belgium and more specific in Flemish waterways and corresponding moveable infrastructure.
21-BE-TG-REMU4SI	Retrofitting of electrical motor units AM80, AM75, AM96 and AM86 with ETCS Baseline3 Level2 to promote safety and cross border transport	BE	SOCIETE NATIONALE DES CHEMINS DE FER BELGES	22,480,000	The Action concerns the retrofitting with ERTMS Level 2, Baseline 3 of 221 electrical motor units (EMU) of the type AM80, AM75, AM96 and AM86, used for passenger rail services.
21-BE-TG-VTS GTC	Provision of Vessel Traffic Services (VTS) on the Ghent-Terneuzen Canal (GTC)	BE	AGENTSCHAP VOOR MARITIEME DIENSTVERLENING EN KUST	1,804,750	The Action aims to modernise the Ghent-Terneuzen Canal, by implementing full radar coverage on the canal and setting up VTS.
21-BG-TC-Medkovets-Sratsimir	Modernization of Vidin-Sofia railway line: Medkovets-Sratsimir railway section	BG	NATIONAL RAILWAY INFRASTRUCTURE COMPANY	224,574,415	The Action aims at the construction of 45 km of the railway line between Sofia and Vidin on the section Medkovets-Sratsimir. After completion this section will be electrified, interoperable and reliable and will serve more effectively passenger and freight trains.
21-BG-TC-MultiTranX.Log	Multimodal Logistics Platform Sofia- West (Rail- Road Terminal Voluyak)	BG	TransExpress ltd.	8,590,759	The Action aims at modernising a Rail-Road Terminal near Sofia to update the transshipment facility, develop the access of regional industry to rail road intermodal freight transport and significantly improve transport flows between the Member States.

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21-BG-TC-REBIRTH28	Raising low-Emissions multimodal transport in the core port of Burgas with new Infrastructures for berTH 28	BG	BMF PORT BURGAS EAD	39,834,825	The Action aims at constructing Berth 28 at the port of Burgas in order to create a new port area dedicated to the movement of containers, handled with green cranes and transported via rail throughout Europe. It will also explore innovative solutions for installing shore side electricity supply systems serving the Port.
21-CY-TC-SCoreCy	Improving road safety on critical sections of the TEN-T Core Network in Cyprus	CY	Public Works Department, Ministry of Transport, Communications and Works	5,559,109	The Action covers safety works on part of the Core road TEN-T Network in Cyprus in accordance with directive EU 2019/1936, namely engineering works at Kornos junction, installation of LED lighting, emergency gates and Variable Message Signs in parts of the road network, installation of a Traffic Detection System as well as the extension and upgrade of the Traffic Management Centre (TMC).
21-CZ-TC-21-CZ-TC-CDCERTMS II	Deployment of ETCS Level 2 Baseline 3 on-board components in selected vehicles of CD Cargo	CZ	CD CARGO, AS	6,585,000	The Action covers the retrofitting, upgrade and fitting of 122 electrical locomotives of 5 different types with ERTMS on-board equipment Level 2 Baseline 3 set #2 , to circulate in Czech republic, Slovakia, Hungary, Germany, Austria and Poland on 3 Core Network Corridors : i) Baltic – Adriatic, ii) Orient/East – Med and iii) Rhine – Danube.
21-CZ-TC-Bubny - Vystaviste	Modernization of the Praha-Bubny – Praha-Výstaviště railway line	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	101,347,062	The Action aims to upgrade the railway infrastructure of the Praha-Bubny Railway Station and the connecting railway section to the new Railway Stop Praha-Výstaviště as part of the connection Prague – Václav Havel Airport.
21-CZ-TC-CD ETCS CEF2 I	Vehicles for equipment with ETCS within CEF2 I	CZ	CESKE DRAHY AS	15,675,000	The Action covers ETCS deployment OBU baseline 3 on 115 vehicles operating on the TEN-T corridors - Baltic-Adriatic, Rhine-Danube and Orient/East-Med.

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21-CZ-TC-Celakovice-Mstetice	Optimization of the Čelákovice – Mstětice section	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	82,688,556	The Action addresses the upgrade of 5 776 km of double-track line in the section Čelákovice – Mstětice located on the railway line Lysá nad Labem – Praha-Vysočany in Czechia and on the pre-identified section Praha-Brno of the Orient/East-Med and Rhine-Danube Core Network Corridors.
21-CZ-TC-Decin - Zleb	Optimization of the Děčín Východ - Děčín-Prostřední Žleb section	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	40,757,028	The Action addresses the upgrade of the railway section Děčín Východ (excl.) – Děčín-Prostřední Žleb (excl.) in Czechia located on a pre-identified section Dresden - Praha/Kolín of the Orient/East-Med Core Network Corridor and it is also part of the Orient/East-Med and North Sea-Baltic rail freight corridors.
21-CZ-TC-ETCS Kralupy nad Vltavou – Hrobce	ETCS – Kralupy nad Vltavou - Hrobce	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	13,632,030	The Action covers the deployment of ETCS Level 2 Baseline 3 trackside on section "Kralupy nad Vltavou – Hrobce" including remote control of interlocking, signalling, heavy current and other related technologies.
21-CZ-TC-ETCS Pha-Uhr-Lys n.L	ETCS Praha-Uhříněves – Praha – Lysá nad Labem	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	10,670,970	The Action covers the deployment of ETCS Level 2, Baseline 3 of 36.3 km trackside (including urban node sections) on the route Praha Uhříněves – Praha – Lysá nad Labem around Prague railway node.
21-CZ-TC-METCSTrans	METRANS - equipment of rolling stock with ETCS	CZ	METRANS, a.s.	2,400,000	The Action relates to the deployment of Baseline 3 compliant ERTMS on the fleet composed of 47 rail freight vehicles.
21-CZ-TC-Plzen5	Junction Plzeň, 5th construction - Lobzy – Koterov	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	48,984,859	The Action addresses an upgrade of the railway section "Plzeň Main Station – Plzeň Koterov" that is located on the TEN-T comprehensive rail network and is part of a cross-border link "Plzeň – Ceske Budejovice – Vienna".

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21-CZ-TC-Vsetin	Upgrade of the Vsetin Railway Station	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	84,607,494	The Action addresses an upgrade of the railway station Vsetin which is located on the Rhine-Danube Core Network Corridor and is part of a cross-border link "Hranice (na Moravě) – Žilina".
21-CZ-TG-C-ITS deployment	Deployment of Cooperative Intelligent Transport Systems (C-ITS) hybrid technology on the motorways within the TEN-T backbone network in the Czech Republic	CZ	Reditelstvi silnic a dalnic CR	3,888,580	The Action as a follow-up of a previous CEF Action, will study and deploy C-ITS services on the motorway infrastructure of Czech Republic i.e. on the motorways D0, D1, D2, D5, D8, D10 and D11 in the sections that are not currently equipped with hybrid C-ITS.
21-CZ-TG-Dresden Prague 2021	Studies for the high-speed railway line Dresden - Prague, section DE border – Prague	CZ	SPRAVA ZELEZNIC STATNI ORGANIZACE	19,108,270	The Action addresses preparatory studies for the construction of 72.8 km of high-speed railway line Dresden – Prague in Czechia located on the pre-identified section Dresden – Praha/Kolín defined as a cross border link in Part III of the Annex of the CEF Regulation 2021/1153.
21-DE-TG-ABS HaSiHa	Preliminary planning railway line Hagen-Siegen-Hanau	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	16,386,819	The Action relates to the planning of rail infrastructure (including tunnels and passing tracks for 740m long trains) on the section Hagen-Siegen-Hanau.
21-DE-TG-Alpha EB GN 2021	Planning for the Hamburg/Bremen and Hanover rail project, section Langwedel – Uelzen (comprehensive network)	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	1,427,072	The Action concerns the elaboration of pre-planning studies for increasing rail capacity and removing bottlenecks along the railway section Langwedel – Uelzen that is located on the TEN-T Comprehensive Network in Germany.
21-DE-TG-Danube Development	Development of the Danube between Straubing (lock) and Bogen (Railway bridge)	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	21,327,500	The Action concerns works for the development of the Danube between Straubing and Vilshofen, to improve shipping conditions and flood protection of this river section situated on the Rhine - Danube Core Network Corridor.

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21-DE-TG-Dresden Prague 2021	Studies for the new Dresden – Prague railway line, section Dresden – D/CR border	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	11,850,000	The Action concerns prestudies as well as public consultations and expert reports for the access line starting from Heidenau and the German section of the future cross-border Ore mountain tunnel.
21-DE-TG-ERTMS Stuttgart 2021	Pilot Implementation of First Digital Signalling System in an urban area (DKS - Digital Node Stuttgart)	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	59,280,000	The Action relates to the deployment of ERTMS Level 2, Baseline 3 on removal on 114 km of railways (in double track equivalent) in the Stuttgart Node.
21-DE-TG-ETCS-RETROFIT-187	Investing in ETCS on-board deployment to retrofit existing locomotives of the type BR187 for interoperable freight traffic in seven European Countries along the Core Networks of the TEN-T	DE	DB CARGO AKTIENGESELLSCHAFT	2,250,000	The Action concerns the development of 3 prototypes for the retrofitting of BR187 DB CARGO locomotives with ETCS Baseline 3.
21-DE-TG-EmmerichOberh.2021	Realisation of construction phase 2	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	105,845,920	The Action concerns works along the Global Project Oberhausen-Emmerich, more specifically line sections Voerde and Dinslaken. The works include structural engineering, design measures, the train stations as well as the overhead equipment and the adaptation of the power systems.
21-DE-TG-Frankfurt Mann.2021	Zielnetz I: NBS Frankfurt - Mannheim	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	12,293,118	The Action covers studies in Germany for the construction of a new 60 km long high-speed railway line between Frankfurt and Mannheim and a new about 4 km long railway line section "Wallauer Spange" between Wiesbaden and Frankfurt Airport, connecting to high-speed railway network.
21-DE-TG-MuenchenMF2021	Upgrade railway line ABS 38 Munich - Mühldorf - Freilassing - planning section Tüßling - Freilassing (PS3)	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	11,444,350	The Action concerns studies for the draft planning and approval planning for the Tüßling - Freilassing railway section of the line Munich - Mühldorf – Freilassing on the Rhine-Danube Core Network

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					Corridor.
21-DE-TG-RPool BL3 locos	ETCS Baseline 3 upgrades, retrofits and fitments for electric freight locomotives of Railpool	DE	Railpool 7 GmbH & Co KG	11,055,000	The Action concerns the deployment (upgrade, retrofitment and fitment) of ERTMS Level 2 Baseline 3 on 198 freight locomotives of various types and variants.
21-DE-TG-Stuttgart 21.2021	Upgrade and construction of the section Stuttgart-Wendlingen including Stuttgart 21	DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	132,000,000	The Action concerns the works for the construction of the Airport link of the line Stuttgart - Wendlingen on the Rhine - Danube Core Network Corridor.
21-DE-TG-VECTRON FIT4B3	Fitment of Vectron locomotives with ETCS Baseline 3	DE	SIEMENS MOBILITY GMBH	7,500,000	The Action concerns the serial fitment of ETCS Baseline 3 on 300 electric Vectron locomotives in the period 2021 to 2023.
21-DK-TG-21-DK-TG-Exit 57	Exit 57 – Platinum safe and secure parking on the Scan-Med TEN-T Corridor	DK	HM Entreprenør A/S	21,762,500	The Action concerns the construction of a safe and secure truck parking area certified with the platinum level of the EU Parking Standard along the Scandinavian-Mediterranean Core Network Corridor in Denmark.
21-DK-TG-BLUE.EU.WIND	Blue Gateway to European Offshore Wind Expansion	DK	Odense Havn A/S	1,950,000	The Action aims at implementing the necessary technical and environmental studies for the construction of a new offshore wind terminal and adaptation of the fairway in the Port of Odense (Denmark) on the TEN-T comprehensive Network.
21-DK-TG-ERTMS-DK	Deployment of ERTMS in Western Denmark	DK	Banedanmark	22,032,500	The Action concerns the deployment of ETCS level 2 baseline 3 along aprox 250 km of double track equivalent railway line along the Core Network Corridor in Western Denmark.
21-DK-TG-ERTMS-DSB	Installation of ERTMS on-board equipment on DSB vehicles operated on the Scan-Med Core Network Corridor	DK	DSB	4,740,000	The Action concerns the installation of ERTMS on-board equipment on DSB vehicles operated for national and international traffic, across the Scan-Med Core Network Corridor. i.e. in Denmark as well as between Denmark and Germany and

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					Denmark and Sweden.
21-EL-TC-CENTAVROS	Connectivity Infrastructure Upgrade and Environmental Viability for the Port of Volos	EL	VOLOS PORT AUTHORITY SA	1,615,000	The Action is located on the comprehensive network and addresses studies to increase the energy efficiency and the safety of the port of Volos (Greece) through the deployment of shore-side electricity supply, the production of electricity by wave-energy generation and the upgrade of the windward breakwater.
21-EL-TC-HUPPINES	Heraklion Port UPgrade of Infrastructure, Interconnection and Environmental Sustainability	EL	HERAKLION PORT AUTHORITY AE	1,147,500	The Action addresses studies for the upgrade and extension of the existing windward breakwater and the installation of a wave energy power station in the Core maritime port of Heraklion (Greece) located on the Orient/East-Med Core Network Corridor.
21-EL-TC-KARTOXRAIL	Construction of the new single railway line, section Nea Karvali – Toxotes, of axis Thessaloniki – Kavala – Alexandroupoli, part of OEM Corridor	EL	ERGA OSE AE	154,204,320	The Action is located on the Orient/East-Med Core Network Corridor and addresses studies and construction works for the new single-track railway section ‘Nea Karvali – Toxotes’ (31.7 km) in Northern Greece, including the connection (5.3 km) to the Commercial Port of Kavala (Filippos B).
21-ES-TG-BERGARA JUNCTION	ATLANTIC CORRIDOR: SECTION BERGARA-SAN SEBASTIAN-BAYONNE. BERGARA JUNCTION TRACK BED WORKS AND SERVICES FOR FOLLOW-UP WORKS. PHASE 2	ES	ADIF - Alta Velocidad	145,422,380	The Action concerns the works for the construction of the track bed of the Bergara junction, located along the High Speed Rail Line Vitoria Bilbao San Sebastian.
21-ES-TG-BilbOPS	Bilbao Port Net-Zero Green Onshore Power System for Comprehensive Support & Core TEN-T Cold Ironing Capabilities Expansion in the	ES	AUTORIDAD PORTUARIA DE BILBAO	14,253,976	The Action comprises technical studies and installation works covering a common Onshore Power Supply (OPS) infrastructure, Photovoltaic plant and 14 OPS connection points at container, Ro-Ro, Ro-Pax and cruise quays at the Port of

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	Atlantic Corridor				Bilbao, which is a core TENT-T port.
21-ES-TG-CADIZMULTIMODAL	CADIZ CONTAINER MULTIMODAL TERMINAL AND LAND ACCESS. PHASE II	ES	AUTORIDAD PORTUARIA DE LA BAHIA DE CADIZ	15,647,184	The Action relates to the construction of a New Container Terminal (NCT), with an area of 38ha, a berthing line of 1.099m and a depth of 16m in the port of Cadiz Bay (Spain).
21-ES-TG-CCARRESSTPA	Upgrade and extension of a safe and secure parking area in the Spanish-French border region on the Mediterranean TEN-T Core Network Corridor	ES	TRANSPORTES CALSINA Y CARRE SL	3,494,555	The Action concerns the upgrade of an existing truck parking area to a Gold level Safe and Secure Parking Area (SSTPA). It addresses 304 parking places equipped with the highest technological and quality standards in terms of security and connectivity at the border between Northern Spain and France along the Mediterranean Corridor.
21-ES-TG-IT MURCIA	INTERMODAL TERMINAL OF MURCIA AND ITS RAIL LINK	ES	Consejería de Fomento e Infraestructuras de la Región de Murcia	13,929,514	The Action foresees technical studies, railway connection works, clean transshipment equipment for intermodal loading units and ICT equipment and applications in the Murcia Intermodal Terminal Logistic Activity Area (LAA).
21-ES-TG-PALMASPORTSPHINX	PALMAS PORT SPHINX DIKE. PHASE IV	ES	Autoridad Portuaria de Las Palmas	20,601,356	The Action relates to the enlargement of the Sphinx Dike, executing the Phase IV (238,5m), which will increase the shelter conditions and provide additional berthing line in the port of Las Palmas (Spain).
21-ES-TG-SPANISHSSTPANETWORK	Spanish Safe and Secure Truck Parking Area Network	ES	G.P. LIMITE ANDAMUR S.L.	3,263,300	The Action relates to the establishment and upgrading of 5 safe and secure truck parking areas (SSTPAs) in Spain alongside the Atlantic and Mediterranean Corridors, in strategic proximity to the French border.
21-EU-TC-RBGP Part VII C	Rail Baltica - 1435 mm standard gauge railway line development in Estonia, Latvia and Lithuania (Part VII)	EE LT LV	RB Rail AS	357,132,672	The Action is a phase of the global project Rail Baltica. It aims to support studies, works necessary to continue the implementation of the Project in the three Baltic States.

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21-EU-TC-Via Carpatia	Implementation of a cross-border road connection on the Via Carpatia route between Poland and Slovakia	PL SK	GENERALNA DYREKCJA DRÓG KRAJOWYCH I AUTOSTRAD	326,637,499	The Action aims to improve the road connection between Poland and Slovakia on the Via Carpatia route (on the comprehensive network). Namely on the PL side, the section Dukla – Barwinek - state border on the S19 expressway has been retained for funding, while a feasibility study is funded on the SK side for the R4 expressway (approx 59.50 km from Polish/Slovak border), in view of the need to complete a new high capacity expressway to meet the current and future traffic demands in the area. The road safety elements have not been retained for funding.
21-EU-TG-BALTICCOMP	Baltic comprehensive ports for climate and environment – improvements in Port of Ystad and Port of Rauma	FI SE	Ystad kommun	2,082,750	The Action aims to reduce emissions and noise, while vessels are at berth, and discharges of sewage from ships to sea, in two TEN-T comprehensive maritime ports in the Baltic Sea region: Ystad and Rauma.
21-EU-TG-BBT Northern Access	Studies and Works for the Brenner Northern Access Line to the Brenner Base Tunnel between Munich (Germany) and Radfeld (Austria)	AT DE	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	83,824,500	The Action concerns studies and works for the Northern Access to the Brenner Base on the cross-border section München-Radfeld on the Scandinavian- Mediterranean Core Network Corridor.
21-EU-TG-BURDI	BeNe U-space Reference Design Implementation	BE CY DE ES IE NL	SKEYES	4,744,956	The Action seeks to bring all relevant stakeholders in Belgium to demonstrate, test and implement a full U-space system in several environments in Belgium, some of which in coordination with The Netherlands. It builds on previous EU supported work.
21-EU-TG-C-Roads ANT-HEL	C-Roads Antwerp-Helmond	BE NL	TRACTEBEL ENGINEERING	1,174,784	The Action will test and evaluate C-ITS services integrated with ADAS and UVAR on the Flemish TEN-T Network near Antwerp and in the urban nodes of Antwerp and Helmond.

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21-EU-TG-DCM IMP 22_24	Digital Capacity Management Implementation 2022-2024	AT BE CH CZ DE FR IT LU	RAILNETEUROPE-VEREINIGUNG ZUR FORDERUNG DES INTERNATIONALEN VERKEHRS AUF DER EISENBAHNINFRASTRUKTUR	73,906,150	The Action is a study without physical intervention and continues the Europe-wide implementation of the programme 'TimeTable and Capacity Re-design for a Smart Capacity Management' proposed by the RailNetEurope.
21-EU-TG-Digital Green MoS	Optimisation and greening of traffic flows on the TEN-T corridors connecting Scandinavia and the Continent	DE SE	TRELLEBORGS HAMN AB	8,618,910	The Action will upgrade and develop the existing MoS short sea shipping link between the TEN-T Core maritime ports of Trelleborg and Lübeck-Travemünde through investments in the adaption of berths and digitalisation measures in the Port of Trelleborg and the installation of a rail scanning gate, digitalisation and a maritime traffic management system in the Port of Lubeck-Travemunde.
21-EU-TG-EALU-AER	Enhanced Automation for U-Space/ATM integration	FR IE IT UK	FUTURE MOBILITY CAMPUS IRELAND COMPANY LIMITED BY GUARANTEE	2,776,500	The Action focuses on the integration of a U-Space system as part of the Future Mobility Campus Ireland's (FMCI) vertiport operations site and associated facilities to demonstrate the proposed U-Space architecture operations and enable U1/U2 services and integration with ATM/ATC.
21-EU-TG-EC4NoiseReduction	European Consortium of VPI and UIP member companies retrofitting brakes for noise reduction	AT CZ DE HR HU SK	VPI European Rail Service GmbH	1,409,050	The Action aims to reduce rail noise by retrofitting existing freight (S-type and SS-type) wagons, which are currently equipped with cast-iron brake blocks, with low noise emissions composite brake blocks.
21-EU-TG-ECHOES	Extended Communications in vHf Over Enhanced Satellite segment	DE ES PT	STARTICAL S.L.	14,946,142	The Action relates to a demonstrator that will provide evidence about how satellite-based VHF voice and data communications as well as ADS-B surveillance can improve ATM services and have positive environmental impact in remote and oceanic regions.

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21-EU-TG-EDICT	Enhanced Data Interoperability for CT stakeholders)	AT BE DE NL	PANTEIA BV	1,563,000	The Action is a pilot study focused on rail interoperability and refers to the implementation on TAF-TSI modules and its future refinement. In particular, the Action targets the integration of combined transport terminals in the rail-sector data exchange and is implemented by ten major EU Transport stakeholders distributed among four Countries.
21-EU-TG-Fehmarnbelt Tunnel	THE FEHMARNBELT TUNNEL – removing the missing link on the Scan-Med Corridor	DE DK	Femern A/S	540,500,000	The Action concerns the works for the construction of the Fehmarnbelt tunnel between Denmark and Germany. More specifically, the activities include the production and immersion of tunnel elements, the construction of the tunnel portal and the tunnel ramps on Lolland and Fehmarn, the establishment of the Tunnel Power Supply, continued monitoring environmental monitoring and safety at sea measures as well as public awareness measures. Only the rail part of the tunnel will receive CEF funding.
21-EU-TG-HERON	Highly Efficient Green Operations	AT BE DE ES FR IE IT NL PL TR UK	AIRBUS	18,108,094	The Action aims to contribute to the objective of net-zero greenhouse gas emissions by 2050 set by the European Green Deal by addressing multiple R&I needs. It focuses on the demonstration of operational and technical solutions already in operation or in an advanced stage of validation covering all phases of the flight, including green approaches and integrated 4D for green trajectories that are substantial elements for future decarbonisation of the aviation sector.
21-EU-TG-MERIDIAN	Managing European's busiest TEN-T corridors fostering green, digital and multimodal services	BE DE IE IT LV NL	BUNDESMINISTERIUM FÜR DIGITALES UND VERKEHR	65,738,772	The Action will foster digitalisation of the mobility system (in particular ITS for road transport) focussing mainly on the CEF Core Network Corridors Scandinavian-Mediterranean and North Sea-Baltic. This will be achieved by implementing

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					digital systems and services along the busiest European freight corridors.
21-EU-TG-SEINE-ESCAUT 2.1	SEINE-ESCAUT 2.1: Developing the largest inland waterway network in the heart of the EU	BE FR	MINISTERE DE LA TRANSITION ECOLOGIQUE	276,590,288	The Action contributes to the large-scale Seine Escaut project which aims to connect efficiently 1,100 km of high-gauge inland waterways between the Seine basin and the Scheldt and Maas basins. It consists of studies and works in Belgium and France.
21-EU-TG-TWIN-PORT V	TWIN-PORT V	EE FI	Port of Helsinki Ltd	6,800,000	The Action aims at upgrading the efficiency of the maritime link Helsinki-Tallinn by upgrading the ports' infrastructure and their hinterland connections.
21-EU-TG-U-ELCOMÉ	U-space European COMMon dEpLoyment	BE CZ DE EE ES FR IT PL SI	EUROCONTROL - EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION	6,985,843	The project aims at the fully scalable market uptake of U1 and U2 U-space services through a set of tests and demonstrations in various operational environments and EU locations (Spain, Italy and France).
21-EU-TG-V.O.S.-21	Upgrading of existing railway infrastructure between Villa Opicina station and Sezana station	IT SI	EEIG Railway Trieste-Divača	18,671,852	The Action aims at performing design for the modernization of Sezana station (Slovenia) including the railway section until the state border and modernisation works for Villa Opicina railway station (Italy). It is on the pre-identified cross border link "Venezia – Trieste – Divača – Ljubljana" on the Baltic Adriatic and Mediterranean corridors.
21-FI-TG-ARCTIC ACCESS	Improving safe maritime access, port infrastructure and connectivity of a remote region, Kemi, Finland	FI	Kemin Satama Oy	26,121,210	The Action aims to improve the maritime access to the comprehensive maritime Port of Kemi by removing the physical bottleneck of insufficient vessel draught and port infrastructure. The intervention is needed for the port to meet the

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					future cargo transport demand due to the growing size of the vessels in the Baltic Sea.
21-FI-TG-KUPITTA-TURKU II	Construction of Kupittaa-Turku double track and Turku rail yards	FI	VAYLAVIRASTO	22,977,960	The Action aims to upgrade the rail transport infrastructure on the Kupittaa-Turku track section and to develop the rail yards in the urban node of Turku. This section is the last mile of the Helsinki-Turku alignment, on the Scandinavian-Mediterranean Core network corridor.
21-FI-TG-OLKON	Development of the Oulu-Kontiomäki railway line	FI	VAYLAVIRASTO	7,250,000	This Action consists of the construction planning and the construction of three new electrified traffic operating points and extending/upgrading one existing operating point along the Oulu-Kontiomäki line located in Finland connecting the North Sea-Baltic and Scandinavian-Mediterranean corridors in Oulu.
21-FI-TG-POWER-4-FUTURE	Advancing Port of Kokkola infrastructure for sustainable power transports	FI	KOKKOLAN SATAMA OY	3,002,300	This Action targets the Silverstone Port and the General Port within the Port of Kokkola in Finland, and aims to develop the Silverstone port infrastructure with a new quay with readiness for shore-side electricity supply and lengthen the current rail tracks by approximately 1,450 meters, in addition, there will also be the planning of a new quay with a RoRo ramp in the General Port.
21-FI-TG-Quays2Solutions	Improving maritime access and sustainable efficiency in the Port of Pori	FI	Port of Pori Ltd	7,495,000	The Action aims to ensure safe maritime access and to upgrade the basic port infrastructure in order to remove the current bottlenecks of insufficient vessel draughts of the harbour basins and inadequate quay infrastructures in the TEN-T comprehensive Port of Pori, located in the Baltic Sea.

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21-FI-TG-TAHERA	Planning of Tampere passenger rail yard development	FI	VAYLAVIRASTO	6,260,500	This Action relates to the works' planning for the railway infrastructure of the Tampere railway station located in Finland and it includes all the general studies and analyses, the railyard construction planning and the bridge construction planning for the Tampere railyard.
21-FI-TG-TAMPERE-JYVASKYLA	Development of the Tampere-Jyväskylä railway connection	FI	VAYLAVIRASTO	3,225,500	The Action concerns the planing of improvements on the functionality and safety, to decrease sensitivity and to improve capacity, speed and possibility to operate longer trains on the Tampere–Jyväskylä comprehensive railway in Finland.
21-FR-TG-A-TOWED	Atlantic - Terminal for Offshore Wind Energy Deployment at the maritime port of Nantes Saint- Nazaire	FR	GRAND PORT MARITIME DE NANTES SAINTNAZAIRE	3,750,000	The Action consists in studies preparing the work needed to upgrade an existing maritime terminal within the core maritime port of Nantes Saint-Nazaire, located on the Atlantic corridor, in order to provide the transport infrastructure necessary for the Atlantic Arc wind farm.
21-FR-TG-ACCESS-PALR	Works for the upgrade of the maritime access of Port Atlantique La Rochelle for safe, secure and sustainable traffic development	FR	Grand Port Maritime de La Rochelle	8,578,131	The Action concerns the upgrade of the maritime access of Port Atlantique La Rochelle located on the comprehensive network in France.
21-FR-TG-ADAPTEU	Adaptation studies of Dieppe's port infrastructure to the requirements of the EU's external borders in the context of Brexit and its development	FR	Ports de Normandie	679,544	The Action encompasses the necessary studies to extend and upgrade the area of the outer port of Dieppe, in the comprehensive network, thus providing the required space and meeting the requirements for reliable customs activities at this new external border of the EU and improving sustainability of traffic flows and port activities.
21-FR-TG-EG3 phase 2 studies	Electrification of the rail route Paris / Troyes, phase 2: section Nogent-sur-Seine / Troyes – studies	FR	SNCF RESEAU	4,783,623	The Action concerns studies necessary to prepare the works for the electrification of the Nogent-sur-Seine / Troyes railway section located on the comprehensive network in France.

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21-FR-TG-IFTE BDX LAM	Detailed and final studies for the upgrade of railway electrification system on the Atlantic RFC on the Bordeaux - Lamothe section	FR	SNCF RESEAU	1,623,500	The Action concerns the detailed and final studies for the upgrade of the railway electrification system on the Bordeaux - Lamothe section of the Atlantic Corridor.
21-FR-TG-LNPCA - PH1 - Hubs	New Line Provence Côte d'Azur: detailed studies of the Nice Airport and Marseille Saint André multimodal passengers hubs	FR	SNCF GARES & CONNEXIONS	1,450,000	The Action concerns the detailed studies on two multimodal passengers hubs, namely the Nice Airport and the Marseille-Saint André multimodal hubs, that must be in service by 2028 and 2029 respectively.
21-FR-TG-TAE	Toulouse Aerospace Express project : studies prior to preparatory works and metro line infrastructure design studies	FR	SYNDICAT MIXTE DES TRANSPORTS EN COMMUN DE L'AGGLOMERATION TOULOUSAINE	11,337,590	The Action relates aims to draft the technical studies for the construction of a new metro line in Toulouse connecting the city center of Toulouse, the railway station and the airport.
21-FR-TG-TOP	Terminal Ouest Provence Rail-Road Terminal in Miramas and Grans (FR)	FR	Terminal Ouest Provence	10,098,291	The Action relates to carry out the studies and works to build a new terminal dedicated to Combined Rail Road Transport (CRRT) located at the core rail-road terminal of Miramas (FR).
21-FR-TG-TWV Calais SSPA	TWV Safe and Secure parking at the Calais Outpost	FR	TWV LOG	902,183	The Action aims to create a Gold level safe and secure parking area (SSPA) with 96 parking spaces, including customs approvals, on the North Sea-Mediterranean core corridor close to the UK/ France borders.
21-FR-TG-VRTrail studies	Vosges mountains and Paris – Dijon rail freight routes: loading gauge clearance and bottlenecks removal	FR	SNCF RESEAU	4,567,500	The Action consists in studies to prepare the loading gauge of seven tunnels in the Vosges mountain between Metz/Nancy and Strasbourg to allow the transportation of P400 semi-trailers (on the Benelux-Switzerland route), as well as to increase the capacity needed to absorb the future rail freight demand.

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21-HR-TC-Safety on TENT roads	Increasing traffic safety on TEN-T roads in accordance with EuroRAP	HR	Hrvatske ceste d.o.o.	2,316,918	The Action covers the works to upgrade the existing infrastructure in order to increase safety on 12 sections of the Croatian TEN-T road network.
21-HU-TC-SPEED UP AMBER RFC	Studies for the Preparation of Environmental, Economic and Engineering Documentation for the Upgrade of AMBER RFC	HU	Ministry for Innovation and Technology	8,500,000	The Action covers the preparation of the necessary studies for upgrading the 158 km long railway line Hegyeshalom–Szombathely-Zalaszentiván, part of the Comprehensive Network and of the Amber Rail Freight Corridor (Amber RFC).
21-HU-TG-BUD-TUNNEL-NYUGATI-M	Improving the Budapest rail node - Design phase of a new rail connection on the OEM/RHD and MED corridors under the city center - Passenger services and urban environment, connected to Nyugati station	HU	Ministry for Innovation and Technology	2,767,211	The Action covers the preparation of final studies for the development of the new Nyugati underground station into a multimodal passenger hub.
21-HU-TG-GEN-HU-TB2021	Setting up a Safe and Secure Truck Parking in North Hungary near Budapest	HU	Parking Tatabánya Kft.	3,500,000	The Action addresses the construction of a new safe and secure truck parking (SSTP) area on the Hungarian motorway M1 between Budapest and Győr, in the proximity of the city of Tatabánya. The Action is located on the Orient/East–Med and Rhine–Danube corridors.
21-HU-TG-GEN-SSTPA NW-HU	Setting up a gold level safe and secure truck parking area in North-Western Hungary	HU	LOGISTIC INVESTMENT Kft.	4,675,000	The Action addresses the construction of a new safe and secure truck parking area (SSTPA) on the Hungarian motorway M1 in the proximity of the city of Győr. It is located on the Orient/East–Med and Rhine–Danube corridors.
21-HU-TG-TRUCKPARK	Developing Safe and Secure Truck Parking in Debrecen	HU	Debreceni Ingatlanfejlesztő Kft.	7,097,680	The Action addresses the construction of a new safe and secure truck parking area (SSTPA) on the Hungarian motorway M35 in the proximity of the city of Debrecen.

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21-IE-TG-N13BRIDBORD	N13 Bridgend to County Boundary Route Improvement Project	IE	DONEGAL COUNTY COUNCIL	1,091,000	The Action relates to studies required to facilitate removal of a significant bottleneck on a crossborder road between Bridgend in Republic of Ireland (RoI) and Derry City in Northern Ireland (NI).
21-IE-TG-O2RH	N11/N25 Oilgate to Rosslare Harbour	IE	WEXFORD COUNTY COUNCIL	2,783,402	The Action aims completing a range of studies to upgrade transport connection with Rosslare Europort and ensuring the connection with the rest of Ireland (last mile for goods and passengers)
21-IE-TG-RIGHT	Rail Freight System for Ireland - Programme Implementation Plan	IE	Iarnród Éireann - Irish Rail	2,333,150	The Action aims at preparing studies for developing the Irish rail freight network that will connect main ports with the main urban and industrial centres.
21-IT-TG-CEMT	Capacity enhancing of Multi-modal transport at the Terminal of Agognate (Novara) - Italy	IT	Intermodaltrasporti S.r.l.	1,563,000	The Action aims to enhance the capacity and efficiency of the rail-road inter-modal Terminal of Agognate (Novara, Italy) situated at the junction of the Mediterranean and Rhine Alpine TEN-T Corridors.
21-IT-TG-ERTMS on TRAXX E.494	Retrofit of 40 Mercitalia Rail locomotives TRAXX E.494 with ERTMS B3	IT	Mercitalia Rail	3,570,000	The Action relates to the deployment of Baseline 3 compliant ERTMS on the fleet composed of 40 rail freight vehicles.
21-IT-TG-PASS4CORE-ITA 2	Parking Areas implementing Safety and Security FOR (4) CORE network corridors in ITALY PASS4CORE-ITA 2	IT	SOCIETA PER AZIONI AUTOSTRADA DEL BRENNERO (BRENNER-AUTOBAHN)	6,311,734	The Action covers the construction of a new Safe and Secure Truck Parking Area (SSTPA) and the upgrade another 12 existing Heavy Goods Vehicles (HGV) parking areas, with a total of 2242 HGV parking spaces serving the core network in Italy, with digital real-time information systems, and a certification at the Bronze Level of the EU Parking Standard at least.

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21-IT-TG-PFD-AviO	Lyon-Turin Base Tunnel Access: Preliminary and Final Designs of the Avigliana-Orbassano Line	IT	RETE FERROVIARIA ITALIANA	10,713,000	The Action aims to update the preliminary design and the final design of the access route section from the Municipality of Avigliana to core road-rail terminal Orbassano in Italy, located on the pre-identified cross-border section 'Lyon-Torino' of Mediterranean Core Network Corridor.
21-IT-TG-Re-MXP	Resilience improvement of the Milan MXP airport against natural hazards by implementing infrastructure upgrades and a smart monitoring system in a multi-risk framework	IT	SOCIETA PER AZIONI ESERCIZI AEROPORTUALI SEA	7,670,551	The Action relates to the improvement of the Malpensa airport (IT) infrastructure's resilience against climate change and natural hazards and to put in place a smart monitoring system against flooding and seismic risk.
21-IT-TG-S.UP.ER. ESIT	Speeding Up ERTMS BL3 on-board deployment: equipment of High Speed fleet in Spain and Regional and InterCity fleets in Italy along the MED, SCAN-MED and RHINE ALPINE Core Network Corridors	IT	TRENITALIA SPA	57,130,000	The Action relates to the deployment of Baseline 3 compliant ERTMS on the fleet composed of 535 rail passenger vehicles.
21-IT-TG-SAccess-FPG	Southern Access Route to the Brenner Base Tunnel: Construction Works of Lot 1 "Fortezza- Ponte Gardena" as part of the TEN-T Scan-Med Core Corridor	IT	RETE FERROVIARIA ITALIANA	75,000,000	The Action aims at construction of a rail line and two tunnels in the Fortezza-Ponte Gardena Section (part of lot 1), Southern Access Route to the Brenner Base Tunnel on the Scandinavian Mediterranean Corridor.
21-IT-TG-Taranto Breakwater	Studies for the upgrade of the breakwater protecting the core port of Taranto	IT	Port System Authority of the Ionian Sea	1,172,568	The Action is devoted to prepare a studies to upgrade the main breakwater protecting the inner basin of the core port of Taranto.
21-IT-TG-UPGRADING ORTE 750	Interporto di Orte upgrading for ScanMed Corridor	IT	Interporto Centro Italia Orte S.p.A.	2,014,500	The Action aims to enhance the capacity and efficiency of the rail-road inter-modal Terminal of Agognate (Novara-Italy). It foresees the construction and servicing of a bundle of 4 railway tracks, a siding, and a connecting track, together

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					with the realisation of the necessary infrastructure to efficiently organise and operate transshipment activities.
21-IT-TG-VIEWWS	Unlocking navigation potentialities of Veneto IWW system	IT	Infrastrutture Venete S.r.l.	11,271,446	The Action covers works and studies to upgrade Veneto's Inland Waterway (IWW) system to Class V CEMT standards, through the upgrade of various infrastructures along two of its most important stretches, the Fissero-Tartaro-Canalbianco-Po di Levante and the Po Brondolo, such as increasing under-bridge clearance, ensuring good navigation conditions and upgrading the hydraulic and electro-mechanic components in one the locks.
21-LU-TG-AT	Equipment of a fleet of Alpha Trains' international locomotives with ERTMS baseline 3	LU	Alpha Trains Luxembourg S.à.r.l.	4,985,000	The Action targets the deployment (upgrade, retrofitment and fitment) of ERTMS Level 2 Baseline 3 on 63 international freight locomotives of various types and variants.
21-LU-TG-PULSE	Capacity increase, automation, digitalisation and decarbonisation to upgrade CFL terminals' platform in Bettembourg-Dudelange	LU	CFL terminals	2,345,020	The Action comprises studies and works for clean transshipment equipment and innovative ICT solutions in the Bettembourg Dudelange intermodal terminal. It includes the deployment of a third gantry crane (zero-emission), a Remote Operation Station (ROS) to automate the operations of all three gantry cranes, as well as a safety system able to detect people in the transshipment area.
21-MT-TC-MIA_Dintirol	Grade Separation Junctions at WA 24 MIA Junction and WA 23 Dintirol Junction along the TEN-T Core Section of Civil Aviation Avenue, Luqa, Malta	MT	Agency for Infrastructure Malta	21,762,943	The Actions aims at upgrading a critical road section, Civil Aviation Avenue, on the pre-identified link (Valletta/Marsaxlokk in Malta) on the Scandinavian-Mediterranean corridor. Luqa-Valletta' on the Scandinavian-Mediterranean Core Corridor.

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21-NL-TG-HSTCONNECT AMSTERDAM	High Speed Train Connect Amsterdam 3 grade separated railway tunnels	NL	GEMEENTE ALKMAAR	3,360,729	The Action concerns preparatory and design studies for the removal of three level crossing on the comprehensive rail network north of Amsterdam (i.e. in the municipalities of Heerhugowaard, Alkmaar and Zaanstad), in order to improve the rail connection towards the high speed train hub at Amsterdam Central Station.
21-NL-TG-MERCURIUSTRANSHIP	STUDIES AND WORKS FOR 2 FIXED LOADING AND UNLOADING FACILITIES IN THE CORE PORT OF AMSTERDAM	NL	HAVENBEDRIJF AMSTERDAM N.V.	2,878,000	The Action focuses on constructing two fixed, safe ship-to-ship transshipment facilities on the core maritime port of Amsterdam to provide improved handling infrastructure for deep sea and short sea vessels and to ensure safe and efficient transshipment of cargo to IWW vessels.
21-NL-TG-Nunspeet	Removing of Level crossing Comprehensive Network Nunspeet	NL	PRORAIL BV	5,835,453	The Action concerns the works for the removal of two level crossings in the Dutch municipality of Nunspeet, which is located on the comprehensive rail network section between Amersfoort and Zwolle.
21-NL-TG-RHOMBUS UPSIDE	RHOMBUS UPSIDE: Upscaling inland Port Infrastructure in Support of modal shift and regional sustainable DEvelopment	NL	Provincie Limburg	6,879,000	The Action concerns studies in five comprehensive inland waterway ports in order to tackle capacity constraints and/or congestion, either already present or expected in the near future.
21-NL-TG-SMH	Smart Mobility Hub Amsterdam	NL	GEMEENTE AMSTERDAM	8,735,366	The Action promotes connections with long-distance transport modes such as long distance buses in Amsterdam. It also includes safe cycle and car parking infrastructure as well as pedestrian infrastructure for connection to national train, metro and bus stations, shared mobility.
21-PL-TC-Bedzin - Piotrowice	Works on primary passenger lines (E30 and E65) within the Silesian Province, stage I: E65 railway line, Będzin – Katowice	PL	PKP POLSKIE LINIE KOLEJOWE SPOLKA AKCYJNA	755,100,030	The Action aims to modernise a section of E65 line in Poland between Będzin and Katowice Piotrowice.

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	Szopienice Pfd. – Katowice - Katowice Piotrowice section				
21-PL-TC-Tychy - Most Wisła	Works on primary passenger lines (E30 and E65) within the Silesian Province, stage I: E65 railway line, Tychy – Most Wisła section	PL	PKP POLSKIE LINIE KOLEJOWE SPOLKA AKCYJNA	182,040,320	The Action aims to modernise a section of E65 line in Poland between Tychy and Most Wisła.
21-PL-TG-EMSIT	Expansion of modal shift on Intermodal Transport hub Katy Wrocławskie at North Sea - Baltic and Baltic - Adriatic Corridor	PL	Schavemaker Invest Sp. z o.o.	2,711,692	The Action relates to the expansion of the existing intermodal container terminal in Kąty Wrocławskie, Poland, and increase the terminal reloading capacities. The terminal is located in the Wrocław agglomeration (Baltic-Adriatic Corridor as well as the North Sea-Baltic Corridor).
21-PL-TG-study-railway-quay	Facilitating sustainability of the comprehensive network by increasing the availability and efficiency of the Police Seaport	PL	Zarząd Morskiego Portu Police Sp. z o.o.	1,738,791	The Action covers studies for the construction of a heavy quay and railway junction, improving the handling capacity and accessibility of the comprehensive seaport of Police.
21-PT-TC-MEDWAY-ERTMS	Deployment of ERTMS / ECTS on-board units compliant with Baseline 3 in certain Medway locomotives	PT	MEDWAY - OPERADOR FERROVIÁRIO E LOGÍSTICO DE MERCADORIAS, SA	3,940,000	The Action directly supports ERTMS deployment on the Atlantic and Mediterranean CNC in two Member States (Portugal and Spain). It complies with the TSIs and concerns ETCS L2, Baseline 3.
21-PT-TG-Evora-Evora Norte	Railway connection Sines/Elvas (Spain: Évora-Évora Norte Section)	PT	INFRAESTRUTURAS DE PORTUGAL SA	17,407,266	The Action concerns the construction of the rail line in the stretch Évora-Évora Norte, located along the section between Évora and Elvas/Caia (border with Spain).
21-PT-TG-GREEN PORTS MADEIRA	Accelerating decarbonisation of ports in the outermost region of Madeira	PT	APRAM Administração de Portos da Região Autónoma da Madeira, S.A.	598,000	The Action relates to the development of a coordinated package of technical, financial and environmental studies which will investigate the feasibility to introduce onshore power supply in all three main ports of the region of Madeira (Portugal).

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21-PT-TG-ZAL Sines Platform	Studies for the development of the multimodal platform and logistic area in the ZAL Sines	PT	AICEP GLOBAL PARQUES - GESTÃO DE ÁREAS EMPRESARIAIS E SERVIÇOS, S.A.	1,007,000	The Action relates to the execution of the technical and environmental studies for the development of the multimodal logistic platform of Sines (ZAL Sines, Portugal).
21-RO-TC-E-COLD	Providing shoreside electrical power to ships at berthing in the Port of Constanta (Cold Ironing)	RO	COMPANIA NATIONALA ADMINISTRATIA PORTURILOR MARITIME SA CONSTANTA	13,411,558	The Action aims to modernise the power distribution infrastructure in the Port of Constanța by producing the detailed design and by improving shore-side electricity supply in 10 berths.
21-RO-TC-Giurgiu Bridge	Modernization of the Railway Line Bucharest North - Jilava - Giurgiu North - Giurgiu North Border - Lot 1 Reopening of the railway traffic on the bridge over the Argeș River, between Vidra and Coman	RO	COMPANIA NATIONALA DE CAI FERATE CFR SA	102,056,587	The Action is part of the Global Project that aims at modernisation of the railway section Bucharest North – Giurgiu North – Giurgiu Border in Romania. The Action covers the Phase I of the Global Project, namely works for the reopening of the railway traffic on the bridge between Vidra and Gradistea/Comana.
21-RO-TC-SSTPA Malex Thor	ESTABLISHMENT OF FUEL STATION, SECURE PARKING FOR FREIGHT TRANSPORT VEHICLES, TRUCK SERVICE, PUBLIC FOOD AND ACCOMMODATION FACILITY, ROAD CONNECTION BY MALEX THOR SRL, IN ORȚIȘOARA COMUNA, TIMIȘ COUNTY	RO	MALEX THOR SRL	3,647,123	The Action covers the construction of a new Safe and secure Truck Parking Area (SSTPA) with 86 Heavy Goods Vehicles (HGV) parking spaces in line with the requirements of the platinum level of the EU-Parking Standard.
21-SE-TG-ERTMS OBU SE	ERTMS On-board in Sweden 2021-2025	SE	TRAFIKVERKET - TRV	44,810,000	The Action concerns studies and works for the Northern Access to the Brenner Base on the cross-border section München-Radfeld on the Scandinavian- Mediterranean Core Network Corridor.
21-SE-TG-Green FIT 2025	Clean and Efficient Multimodal Hub in the Port of Trelleborg	SE	TRELLEBORGS HAMN AB	11,096,850	The Action aims at constructing two new berths, two wind turbines, wastewater reception facilities and rail hinterland access in the Core Port of Trelleborg.

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21-SE-TG-The West Link	The West Link - Central station railway tunnel, removal of a major missing link	SE	Trafikverket - CEF	65,515,338	The Action relates to developing the underground central station in Sweden's second largest city Gothenburg. It will cover building platforms, 1.8 km of railway tunnel and a bridge over the highway.
21-SE-TG-UmePort	Umeå Port of the Future – for sustainable transports and modal shift in the Scan-Med Core Network Corridor	SE	Umeå Hamn Aktiebolag	1,990,000	The Action aims at implementing the necessary technical and environmental studies and CBA for the upgrade of the capacities of the Port of Umea (Sweden) on the TEN-T comprehensive Network.
21-SI-TC-21-SI-TC-UID DSV	Elimination of level crossings on main railway stations on railway line Ljubljana-Zidani Most-Maribor-Šentilj-SI/AT border required for the implementation of rail traffic remote control system	SI	MINISTRSTVO ZA INFRASTRUKTURO	34,068,451	The Action aims to upgrade the railway infrastructure for seven stations in Slovenia (Trbovlje, Zagorje, Litija, Laze, Šentjur, Ponikva and Rače) by replacing the level crossings with underpasses and overpasses as well as upgrading tracks and platforms, on the double track sections Ljubljana-Zidani Most and Zidani Most-Maribor-Šentilj-SI/AT border.
21-SI-TC-CEF Jesenice	Upgrading of the Jesenice Railway Station	SI	MINISTRSTVO ZA INFRASTRUKTURO	56,559,740	The Action addresses the upgrade of the Jesenice railway station in Slovenia located on the railway line Ljubljana-Jesenice-SI/AT border which is part of the pre-identified cross border link Villach-Ljubljana and part of the comprehensive TEN-T network and the Alpine-Western Balkan Rail Freight Corridor.
21-SI-TG-ERIK-PARKING	Efficient and Reliable Infrastructure in Koper – Parking for trucks	SI	LUKA KOPER, PORT AND LOGISTIC SYSTEM, D.D.	4,896,500	The Action addresses the construction of a new safe and secure truck parking area (SSTPA) located on the Mediterranean and Baltic-Adriatic Core Network Corridors, next to the Port of Koper and in close vicinity to the A1 motorway. It aims to deliver 203 parking spaces for Heavy Good Vehicles (HGV) in compliance with the "Gold" level EU Parking Standard.

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21-SK-TC-INTERPORT	Modernization of the INTERPORT transshipment terminal in Haniska pri Košiciach for the purposes of combined transport	SK	BB - TRADE, s.r.o.	45,046,473	The Action is located in close vicinity to the Rhine-Danube Core Network Corridor and addresses studies and construction works for the upgrade of an existing rail-road transshipment terminal in Haniska pri Košicich near the city of Košice in Slovakia for the purposes of combined transport and gauge changing facilities, close to the Hungarian and the Ukrainian borders.
21-SK-TC-MRLDNVSR CZ	ŽSR, Modernisation of the railway line Devínska Nová Ves – state border of the SK/CZ	SK	Železnice Slovenskej republiky	172,943,752	The Action addresses construction works for the upgrade of three sections (28.61 km in total) of the railway line Devínska Nová Ves – SK/CZ state border in Slovakia and is located on the Orient/East-Med Core Network Corridor.
21-SK-TG-21-SK-TG-ZSSK CARGO	Reduction of Rail Freight Noise by retrofitting of ZSSK CARGO wagons 2	SK	Železnica spoločnosť Cargo Slovakia, a. s.	704,750	The Action concerns the retrofitting of 2 819 wagons with low-noise composite brake blocks, expected to operate on six Core Network Corridors as well as on the comprehensive network.