



European  
Commission

## CONNECTING EUROPE FACILITY (CEF) – Transport grants 2014-2018



**GERMANY**

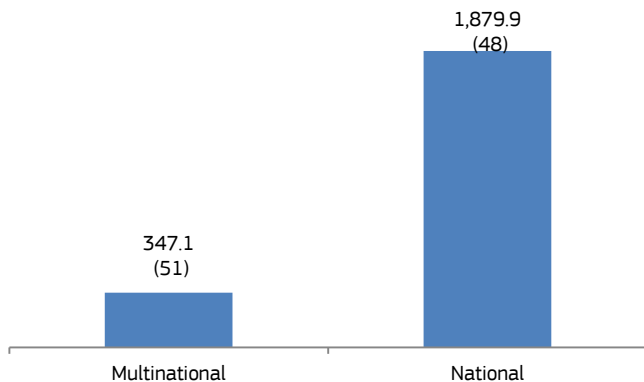
### 1. Key facts and figures

#### State of play

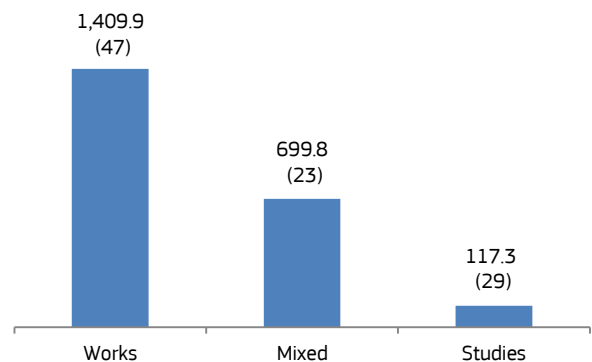
German beneficiaries participate in **99 projects** and receive **€2.2 billion in CEF Transport co-funding**, with investments in these projects of €6.7 billion.<sup>1</sup>

Additionally 18 projects are located in Germany but without the involvement of German beneficiaries. These projects correspond to a total of €179.5 million of CEF Transport funding and a total investment of €612.9 million.

#### CEF Transport funding per national/multinational projects - € million (number of projects)

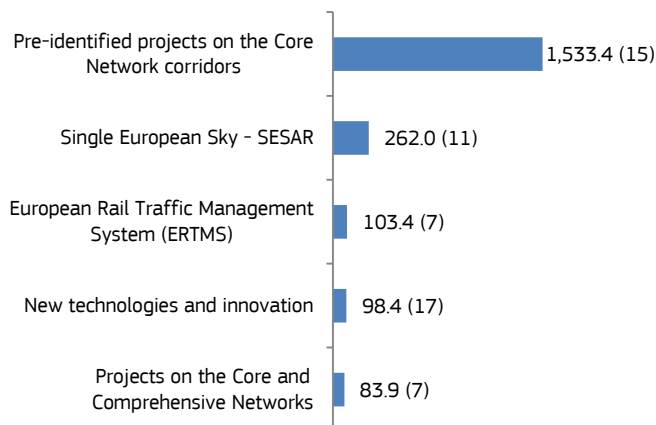


#### CEF Transport funding per type (works/studies) € million (number of projects)



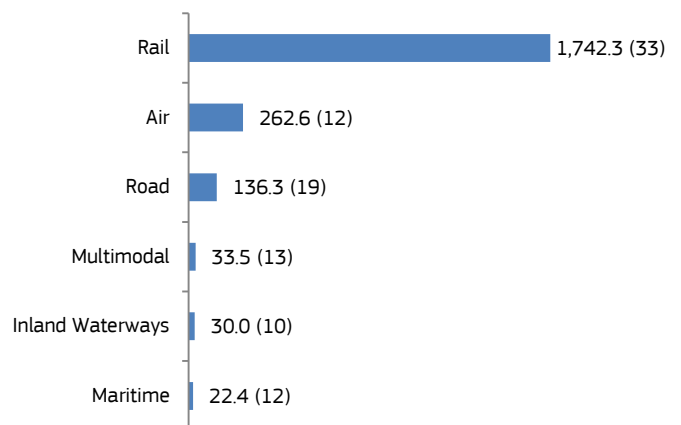
#### CEF Transport funding top 5 priorities

€ million (number of projects)



#### CEF Transport funding per transport mode

€ million (number of projects)



<sup>1</sup>State of play: January 2019. The charts refer to the actual (or final for closed actions) CEF Transport funding/investments of German beneficiaries. They exclude the projects located in Germany where no German beneficiary is involved. For details on such projects please refer to Section 3.

## 2. List of projects with German beneficiaries

Transport Mode / Project Code	Title	Project Status	Priority	Type	Actual End Date	Actual CEF co-funding (at project level) (€)	Out of which: Actual CEF co-funding for German Beneficiaries (€)	Eligible costs (at project level) (€)	Out of which: Eligible costs for German Beneficiaries (€)
<b>Air</b>						<b>1,389,089,557</b>	<b>262,568,815</b>	<b>3,013,781,345</b>	<b>555,249,689</b>
2014-DE-TM-0105-S	Decarbonised passenger transport at European airports	Closed	New technologies and innovation	Studies	31/12/2016	559,332	559,332	1,118,664	1,118,664
2014-EU-TM-0136-M	DP Implementation – call CEF 2014	Ongoing	Single European Sky - SESAR	Mixed	31/12/2020	318,576,896	16,594,056	643,794,513	33,188,112
2015-DE-TM-0128-W	Deploying New Radar Technologies (MaRS): Implementation of SES by Improving Performance, Interoperability and Modernising ATM in Germany	Ongoing	Single European Sky - SESAR	Works	31/12/2020	17,937,570	17,937,570	35,875,139	35,875,139
2015-DE-TM-0268-W	Deploying Remote Tower Control (RTC): Implementation of SES by Improving Performance and Modernising ATM for Tower Service Provision in Germany	Ongoing	Single European Sky - SESAR	Works	31/12/2020	6,087,032	6,087,032	12,174,063	12,174,063
2015-EU-TM-0193-M	SESAR Deployment Programme implementation 2015 – Cluster 1	Ongoing	Single European Sky - SESAR	Mixed	31/12/2018	104,767,458	7,757,930	252,458,718	21,066,520
2015-EU-TM-0196-M	SESAR Deployment Programme implementation 2015 – Cluster 2	Ongoing	Single European Sky - SESAR	Mixed	31/12/2020	366,734,853	96,168,993	852,846,393	195,575,467
2015-EU-TM-0197-M	SESAR Deployment Programme implementation 2015 – Cluster 3	Ongoing	Single European Sky - SESAR	Mixed	31/12/2020	52,231,657	17,280	63,782,919	34,560
2016-DE-TM-0234-W	Deploying a terrestrial European back-up for GNSS (incl. GALILEO) in-line with the European ATM Master Plan	Ongoing	Single European Sky - SESAR	Works	31/12/2020	10,853,821	10,853,821	21,707,642	21,707,642
2016-EU-TM-0117-M	SESAR Deployment Programme implementation 2016 – Cluster 1: General	Ongoing	Single European Sky - SESAR	Mixed	31/12/2020	261,031,311	57,878,465	634,599,805	137,080,849
2016-EU-TMC-0113-M	SESAR Deployment Programme implementation 2016 – Cluster 2: Cohesion	Ongoing	Single European Sky - SESAR	Mixed	31/12/2020	7,973,401	4,944	9,418,871	9,887
2017-DE-TM-0114-W	Deploying Flight- and Flow-Centric ATM in European Core Airspace (Step 1 & 2) in-line with the European ATM Master Plan	Ongoing	Single European Sky - SESAR	Works	31/12/2023	13,982,653	13,982,653	27,965,305	27,965,305

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2017-EU-TM-0076-M	SESAR Deployment Programme Implementation - 2017	Ongoing	Single European Sky - SESAR	Mixed	31/12/2023	228,353,574	34,726,741	458,039,313	69,453,481
<b>Inland Waterways</b>						<b>55,306,733</b>	<b>29,955,166</b>	<b>223,682,040</b>	<b>143,043,830</b>
2014-DE-TA-0113-M	Safeguarding and adaptation of waterway access to the Rhine-Alpine and North Sea-Baltic corridors from the port of Cologne	Ongoing	Projects on the Core and Comprehensive Networks	Mixed	31/12/2017	1,976,200	1,976,200	9,476,000	9,476,000
2014-DE-TM-0048-W	Extension of the Mittelland canal from km 302.377 to 303.800 - Removal of the last bottleneck	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/05/2018	6,780,000	6,780,000	33,900,000	33,900,000
2014-DE-TM-0076-W	Bridges and culverts in the city section of Münster, Dortmund-Ems Canal	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/12/2019	4,304,420	4,304,420	21,522,100	21,522,100
2014-DE-TM-0077-W	Removal of bottlenecks at bridges in the Western German canal system, Gartroper-Straßen-Brücke and Hervester Brücke	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/10/2017	1,643,146	1,643,146	8,215,730	8,215,730
2014-DE-TM-0278-W	Construction of the second lock Zerben, Part 2	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/12/2018	5,132,000	5,132,000	25,660,000	25,660,000
2014-DE-TM-0374-W	Upgrade of the Sacrow-Paretzer Canal in the km 21.00 - km 32.61 section emptying into the Havel Canal at km 33.80 - km 34.90	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/07/2019	8,000,000	8,000,000	40,000,000	40,000,000
2014-EU-TM-0210-S	Pilot implementation of an Upper Rhine traffic management platform	Ongoing	New technologies and innovation	Studies	30/06/2018	992,500	848,500	1,985,000	1,697,000
2015-EU-TM-0036-W	River Information Services Corridor Management Execution (Cohesion Call)	Ongoing	River Information Services (RIS)	Works	31/12/2020	5,718,661	-	6,727,837	-
2015-EU-TM-0038-W	River Information Services Corridor Management Execution (General Call)	Ongoing	River Information Services (RIS)	Works	31/12/2020	9,886,679	1,247,500	19,773,358	2,495,000
2017-EU-TM-0024-W	Optimizing Inland Waterway- and Multimodal Transport in the Euregio, along the North Sea Baltic Corridor.	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/05/2022	10,873,127	23,400	56,422,015	78,000

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<b>Maritime</b>						<b>116,855,591</b>	<b>22,365,100</b>	<b>343,784,447</b>	<b>71,987,026</b>
2014-EU-TM-0095-W	RealNG: Turning LNG as marine fuel into reality in the North Sea-Baltic region	Ongoing	Motorways of the Sea (MoS)	Works	30/09/2017	13,082,775	296,936	40,065,856	827,872
2014-EU-TM-0152-M	FAMOS Freja: Finalising Surveys for the Baltic Motorways of the Sea	Closed	Motorways of the Sea (MoS)	Mixed	31/12/2016	10,033,480	216,105	28,543,427	614,779
2014-EU-TM-0206-S	STM Validation Project	Ongoing	Motorways of the Sea (MoS)	Studies	31/12/2018	21,488,717	1,728,105	42,977,434	3,456,210
2014-EU-TM-0379-M	Back from Black -Study and deployment of the affordable scrubber retro fitting technology for SME shipowners	Closed	Motorways of the Sea (MoS)	Mixed	30/06/2017	5,582,008	1,118,108	14,854,826	2,975,505
2014-EU-TM-0391-M	Upgrading and sustaining the competitive core Baltic MoS link Helsinki-Lübeck	Closed	Motorways of the Sea (MoS)	Mixed	31/03/2017	7,781,805	906,900	25,939,350	3,023,000
2014-EU-TM-0428-M	Environmental compliance and service upgrade of the North Sea MoS Cuxhaven-Immingham	Terminated	Motorways of the Sea (MoS)	Works	31/12/2016	-	-	-	-
2014-EU-TM-0507-M	Upgrading and sustaining the competitive Baltic MoS link Germany-Finland (RoRo multiple ports loop)	Closed	Motorways of the Sea (MoS)	Mixed	31/12/2016	4,939,846	1,035,153	16,466,154	3,450,510
2014-EU-TM-0520-M	Motorway of the Sea Rostock-Gedser - Part 2	Ongoing	Motorways of the Sea (MoS)	Mixed	31/12/2017	6,331,500	559,500	21,105,000	1,865,000
2015-EU-TM-0098-M	DOOR2LNG -Upgrade of the maritime link integrated in the multimodal container transport routes	Ongoing	Motorways of the Sea (MoS)	Mixed	30/06/2019	16,958,000	5,181,000	56,060,000	17,270,000
2015-EU-TM-0132-M	FAMOS Odin: Finalising Surveys for the Baltic Motorways of the Sea	Ongoing	Motorways of the Sea (MoS)	Mixed	31/12/2018	10,789,590	463,950	28,947,500	927,900
2015-EU-TM-0179-W	Blue Baltics – LNG infrastructure facility deployment in the Baltic Sea Region	Ongoing	Motorways of the Sea (MoS)	Works	30/06/2019	15,046,500	7,283,500	47,605,000	23,265,000
2016-EU-TM-0341-W	Development of port capacity for integrated Baltic MoS link(s) on Rostock – Hanko	Ongoing	Motorways of the Sea (MoS)	Works	31/12/2019	4,821,370	3,575,844	21,219,901	14,311,250
<b>Multimodal</b>						<b>35,203,808</b>	<b>33,467,551</b>	<b>110,799,718</b>	<b>107,327,203</b>

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2014-DE-TA-0296-W	40-CONTECH - Investing in a just in time intermodal logistics concept with an innovative 40ft open top curtain side container to develop sustainable, interoperable and safe rail services through the Eurotunnel along the TEN-T core network corridors	Ongoing	Freight Transport Services	Works	31/12/2017	1,438,380	1,438,380	7,191,900	7,191,900
2014-DE-TA-0326-W	MEDAS 3.0 - Greening the automotive supply chain with trusted collaborative networks to bundle cargo and operate a sustainable 'just in time' Mediterranean rail shuttle service	Closed	Freight Transport Services	Works	31/12/2016	1,055,294	1,055,294	5,276,470	5,276,470
2014-DE-TM-0006-S	Planning of Regionaltangente-West (RTW) in Frankfurt am Main	Ongoing	Nodes of the Core Network	Studies	31/12/2018	7,680,500	7,680,500	15,361,000	15,361,000
2014-EU-TM-0383-S	Pilot LNG-powered multipurpose RoRo ship	Terminated	New technologies and innovation	Studies	31/12/2017	-	-	-	-
2014-EU-TM-0503-S	Planning, construction, demonstration and market roll-out of small-scale liquefaction and supply facility for Liquefied Biogas (LBG) as alternative fuel for the transport sector	Ongoing	New technologies and innovation	Studies	30/06/2019	6,836,750	6,586,750	13,673,500	13,173,500
2015-DE-TM-0050-W	Quality and capacity upgrade of the railway system in the seaport of Bremerhaven (Imsumer Deich Plus)	Ongoing	Multimodal logistics platforms	Works	31/12/2019	3,307,620	3,307,620	16,538,100	16,538,100
2015-DE-TM-0133-W	Core Network Port Regensburg - Improving Accessibility	Ongoing	Multimodal logistics platforms	Works	31/12/2019	1,096,000	1,096,000	5,480,000	5,480,000
2015-DE-TM-0376-M	LNG for shipping and logistics in Europe	Ongoing	New technologies and innovation	Studies	31/12/2019	4,056,000	4,056,000	8,112,000	8,112,000
2015-DE-TM-0426-S	Erdinger Ringschluss	Ongoing	Nodes of the Core Network	Studies	30/06/2018	901,100	901,100	1,802,200	1,802,200
2015-EU-TM-0028-S	Rhine-Alpine Integrated and Seamless Travel Chain (RAISE-IT)	Ongoing	Nodes of the Core Network	Studies	31/12/2019	836,348	547,491	1,672,696	1,094,982
2016-EU-TA-0185-S	Sharing of train tracking & ETA information	Ongoing	Freight Transport Services	Studies	31/08/2019	1,429,076	231,676	2,858,152	463,351
2017-DE-TM-0040-W	LNG Rollout in Central Europe - for a greener transportation sector	Ongoing	New technologies and innovation	Works	30/06/2021	3,272,940	3,272,940	16,364,700	16,364,700

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2017-DE-TM-0126-W	Biohybrid-Market rollout of sustainable small-scale solution supplying LBG as alternative fuel for heavy-duty transport	Ongoing	New technologies and innovation	Works	31/12/2021	3,293,800	3,293,800	16,469,000	16,469,000
<b>Rail</b>						<b>2,372,668,248</b>	<b>1,742,326,907</b>	<b>6,826,256,931</b>	<b>5,254,167,364</b>
2014-DE-TA-0243-W	New Kattwyk Railway Bridge – Building of landside Links and Reconstruction of the Leading Lights	Closed	Projects on the Core and Comprehensive Networks	Works	31/12/2016	8,460,961	8,460,961	28,203,204	28,203,204
2014-DE-TA-0285-M	Upgrade and electrification of route section Horka station – German/Polish border (planning approval section 3 (PFA 3)) and planning ETCS of route section Knappenrode – Horka – German/Polish border (overall project)	Ongoing	Projects on the Core and Comprehensive Networks	Mixed	31/12/2017	19,072,876	19,072,876	47,507,191	47,507,191
2014-DE-TA-0389-W	LL RETROFIT 16000 - Retrofitting existing rolling stock with composite brake blocks (LL) to reduce rail freight noise in densely populated areas in Europe	Closed	Rail freight noise	Works	31/12/2016	4,724,254	4,724,254	23,621,272	23,621,272
2014-DE-TM-0057-W	ERTMS Deployment on the German part of the Core Network Corridor Rhine - Alpine	Ongoing	European Rail Traffic Management System (ERTMS)	Works	31/12/2020	53,720,339	53,720,339	109,230,948	109,230,948
2014-DE-TM-0094-M	Upgraded line / New-build line (ABS/NBS) Karlsruhe - Basel with partial upgrade measures on the existing line	Ongoing	Pre-identified projects on the Core Network corridors	Mixed	31/12/2019	338,532,745	338,532,745	828,614,563	828,614,563
2014-DE-TM-0138-M	Upgraded line 23 Saarbrücken – Ludwigshafen (POS Nord), Upgrade of the Neustadt – Boehl-Iggelheim and Landstuhl – Kaiserslautern route sections for v = 200 km/h, implementation of ETCS (European Train Control System)	Ongoing	Pre-identified projects on the Core Network corridors	Mixed	31/12/2019	26,931,800	26,931,800	128,869,000	128,869,000

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2014-DE-TM-0163-W	Upgrade and new build of Stuttgart-Wendlingen line, including Stuttgart 21	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/12/2019	594,415,675	594,415,675	1,981,385,584	1,981,385,584
2014-DE-TM-0166-W	New-build line Wendlingen-Ulm	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/12/2019	432,869,136	432,869,136	1,442,897,120	1,442,897,120
2014-DE-TM-0224-S	Planning for the German rail access route to the Fehmarn Belt Fixed Link (Lübeck – Fehmarn section)	Ongoing	Pre-identified projects on the Core Network corridors	Studies	31/12/2019	34,223,750	34,223,750	68,447,500	68,447,500
2014-DE-TM-0252-M	Upgraded line (ABS) (Amsterdam) D/NL border - Emmerich - Oberhausen	Ongoing	Pre-identified projects on the Core Network corridors	Mixed	31/12/2019	32,684,100	32,684,100	67,475,000	67,475,000
2014-DE-TM-0368-M	Upgraded Line Oldenburg – Wilhelmshaven with electrification, track and subsurface strengthening and construction of new subsections	Ongoing	Pre-identified projects on the Core Network corridors	Mixed	31/12/2019	35,132,094	35,132,094	100,095,086	100,095,086
2014-DE-TM-0397-W	EPS-TAF - Investing in a European Production System (EPS), which is a Telematics Application for Freight (TAF) that is compliant with TSI, in order to ensure a seamless and interoperable European rail freight transport system	Ongoing	Rail interoperability	Works	31/12/2020	7,788,000	7,788,000	19,470,000	19,470,000
2014-DE-TM-0414-S	RIO Railway Infrastructure Optimisation - Deployment of an innovative and technological rail infrastructure-vehicle interface system to ensure a low-carbon and energy-efficient freight transport system along the TEN-T Core Network Corridors	Closed	New technologies and innovation	Studies	31/12/2016	1,798,300	1,798,300	3,596,600	3,596,600

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2014-EU-TA-0122-S	Implementation study for the quality improvement of the cross-border railway connection between Groningen (NL) and Bremen (GE)	Ongoing	Projects on the Core and Comprehensive Networks	Studies	28/02/2019	8,330,753	118,554	16,661,506	237,108
2014-EU-TA-0131-S	European Rail Freight Line System on the Rhine-Alpine Corridor	Ongoing	Projects on the Core and Comprehensive Networks	Studies	30/11/2018	625,000	235,000	1,250,000	470,000
2014-EU-TM-0221-W	The Fehmarnbelt Tunnel - The fixed rail link between Scandinavia and Germany	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/12/2020	589,000,000	-	1,472,500,000	-
2014-EU-TM-0267-W	Upgrading of the Freilassing – D/A border – Salzburg section of the TEN core network corridor Rhine – Danube	Ongoing	Pre-identified projects on the Core Network corridors	Works	31/12/2019	14,740,588	12,708,756	36,851,470	31,771,890
2014-EU-TM-0279-S	Support to the implementation of ERTMS	Ongoing	European Rail Traffic Management System (ERTMS)	Studies	31/12/2017	5,738,197	993,449	11,476,394	1,986,898
2014-EU-TM-0407-S	Rhein-Ruhr Rail Connection: Feasibility study on an alternative cross-border railway link ("3RX")	Closed	Pre-identified projects on the other sections of the Core Network	Studies	31/12/2017	465,572	-	931,144	-
2015-DE-TM-0363-W	Design and equipment of ERTMS for six border crossing corridor sections as well as two gap closings on German TEN core network corridors	Ongoing	European Rail Traffic Management System (ERTMS)	Works	31/12/2020	24,914,456	24,914,456	51,743,272	51,743,272
2016-DE-TA-0003-W	'LL-RETROFIT-EU' of existing freight wagons to reduce rail freight noise along the nine TEN-T core network corridors	Ongoing	Rail freight noise	Works	31/12/2019	5,994,476	5,994,476	29,972,380	29,972,380
2016-DE-TA-0064-W	Retrofitting brakes of VTG Rail Europe rail cars to LL brake blocks	Ongoing	Rail freight noise	Works	30/11/2020	9,652,817	9,652,817	48,264,084	48,264,084
2016-DE-TA-0159-W	LL Brake Blocks TRANSWAGGON	Ongoing	Rail freight noise	Works	30/11/2020	4,056,800	4,056,800	20,284,000	20,284,000
2016-DE-TA-0178-W	Upgrade and electrification of the Lohsa – Horka (a) route section	Ongoing	Projects on the Core and Comprehensive Networks	Works	31/12/2020	49,600,000	49,600,000	124,000,000	124,000,000



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2016-DE-TM-0002-S	HYBRID-INFRA-RAIL - Deployment of hybrid systems for rail infrastructure to reduce energy consumption by 30%	Ongoing	New technologies and innovation	Studies	31/03/2019	1,695,725	1,695,725	3,391,450	3,391,450
2016-DE-TM-0118-S	Planning of the new urban railway line S4	Ongoing	Nodes of the Core Network	Studies	28/06/2019	5,590,000	5,590,000	11,180,000	11,180,000
2016-DE-TM-0128-W	ERTMS on-board deployment for interoperable freight traffic on the Scandinavian-Mediterranean Core Network Corridor	Ongoing	European Rail Traffic Management System (ERTMS)	Works	31/12/2020	2,125,000	2,125,000	4,250,000	4,250,000
2016-EU-TA-0108-W	2EUStates2cross	Ongoing	Projects on the Core and Comprehensive Networks	Works	31/12/2020	28,680,000	4,440,000	71,700,000	11,100,000
2016-EU-TA-0301-W	Silent Rail 2021 -Low noise retrofit existing rolling stock fleet GATX	Ongoing	Rail freight noise	Works	31/12/2020	2,180,032	923,043	10,900,162	4,615,213
2017-DE-TM-0009-W	DB TAF-TSI: Investing in digital communication infrastructure based on Telematics Application for Freight	Ongoing	Rail interoperability	Works	31/12/2022	7,276,800	7,276,800	18,192,000	18,192,000
2017-DE-TM-0006-W	ERTMS-BR186: Interoperable international freight traffic along four TEN-T corridors across Belgium, France and Germany	Ongoing	European Rail Traffic Management System (ERTMS)	Works	31/12/2023	9,816,000	9,816,000	19,632,000	19,632,000
2017-DE-TM-0007-W	ERTMS-BR185.1: Interoperable international freight traffic along the Rhine-Alpine Core Network Corridor	Ongoing	European Rail Traffic Management System (ERTMS)	Works	31/12/2023	5,766,000	5,766,000	11,532,000	11,532,000
2017-DE-TM-0011-W	ERTMS-DE6400: Interoperable international freight traffic along three TEN-T corridors across Belgium and the Netherlands	Ongoing	European Rail Traffic Management System (ERTMS)	Works	31/12/2023	6,066,000	6,066,000	12,132,000	12,132,000
<b>Road</b>						<b>218,120,490</b>	<b>136,293,199</b>	<b>806,476,185</b>	<b>532,299,630</b>
2014-EU-TA-0582-S	I_HeERO	Ongoing	Other Telematic Application Systems	Studies	31/03/2018	15,179,637	7,106,500	30,359,274	14,213,000
2014-EU-TM-0196-S	FAST-E (DE/BE)	Ongoing	New technologies and innovation	Studies	30/09/2018	8,759,850	6,397,667	17,519,700	12,795,334

Transport Mode / Project Code	Title	Project Status	Priority	Type	Actual End Date	Actual CEF co-funding (at project level) (€)	Out of which: Actual CEF co-funding for German Beneficiaries (€)	Eligible costs (at project level) (€)	Out of which: Eligible costs for German Beneficiaries (€)
2014-EU-TM-0310-W	NEXT-ITS 2 – North European Cross-border ITS phase 2	Ongoing	Intelligent Transport Services for road (ITS)	Works	31/12/2017	7,180,000	2,518,000	35,900,000	12,590,000
2014-EU-TM-0317-S	EU ITS Platform	Ongoing	Intelligent Transport Services for road (ITS)	Studies	31/12/2020	6,474,875	1,617,125	12,949,750	3,234,250
2014-EU-TM-0318-S	Connecting Hydrogen Refuelling Stations (COHRS)	Ongoing	New technologies and innovation	Studies	30/06/2019	12,977,787	11,031,119	25,955,574	22,062,238
2014-EU-TM-0365-W	URSA MAJOR 2	Ongoing	Intelligent Transport Services for road (ITS)	Works	31/12/2018	18,456,120	15,438,320	92,280,600	77,191,600
2014-EU-TM-0563-W	CROCODILE 2	Ongoing	Intelligent Transport Services for road (ITS)	Works	31/12/2018	8,257,000	1,456,200	41,285,000	7,281,000
2014-EU-TM-0630-S	Connect2LNG	Ongoing	New technologies and innovation	Studies	31/12/2020	4,546,250	27,875	9,092,500	55,750
2015-DE-TM-0431-S	C-Roads-Germany	Ongoing	Intelligent Transport Services for road (ITS)	Studies	31/12/2020	4,965,442	4,965,442	9,930,884	9,930,884
2015-EU-TM-0261-M	Expansion of safe & secure truck parking spaces and truck parking information systems on the TEN-T core network in Austria and Germany (Bavaria)	Ongoing	Safe and secure infrastructure	Mixed	31/12/2018	3,063,322	201,000	13,918,611	402,000
2015-EU-TM-0316-S	Models for Economic Hydrogen Refuelling Infrastructure	Ongoing	New technologies and innovation	Studies	31/12/2020	5,509,500	2,007,750	11,019,000	4,015,500
2015-EU-TM-0367-S	ULTRA-E	Ongoing	New technologies and innovation	Studies	31/12/2018	6,542,650	2,700,000	13,085,300	5,400,000
2016-DE-TM-0332-S	LNG4Trucks	Ongoing	New technologies and innovation	Studies	31/12/2020	9,585,143	9,585,143	19,170,286	19,170,286
2016-EU-TM-0023-M	North European cross-border ITS phase 3 – NEXT-ITS 3	Ongoing	Intelligent Transport Services for road (ITS)	Mixed	31/12/2020	9,734,398	4,224,000	47,209,600	21,120,000
2016-EU-TM-0044-M	URSA MAJOR neo	Ongoing	Intelligent Transport Services for road (ITS)	Mixed	31/12/2020	32,129,388	18,379,179	149,461,712	91,895,894
2016-EU-TM-0121-W	High speed electric mobility across Europe	Ongoing	New technologies and innovation	Works	31/12/2020	10,168,000	5,450,000	50,840,000	27,250,000

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2016-EU-TM-0148-S	SOCRATES 2.0	Ongoing	Intelligent Transport Services for road (ITS)	Studies	31/12/2020	5,485,750	1,202,500	10,971,500	2,405,000
2016-EU-TM-0327-S	CONCORDA	Ongoing	Intelligent Transport Services for road (ITS)	Studies	30/06/2020	10,000,000	2,880,000	20,000,000	5,760,000
2017-DE-TM-0064-W	EUROP-E: European Ultra-Charge Roll Out Project - Electric	Ongoing	New technologies and innovation	Works	31/12/2021	39,105,379	39,105,379	195,526,894	195,526,894

### 3. List of projects located in Germany without German beneficiaries

Transport Mode / Project Code	Title	Project Status	Priority	Type	Actual End Date	Actual CEF co-funding (at project level) (€)	Out of which: Actual CEF co-funding for German Beneficiaries (€)	Eligible costs (at project level) (€)	Out of which: Eligible costs for German Beneficiaries (€)
<b>Air</b>						<b>23,519,092</b>		<b>47,038,184</b>	
2014-BE-TM-0189-W	Radio Direction Finder supporting SES performance	Closed	Single European Sky - SESAR	Works	30/06/2017	1,187,550		2,375,100	
2014-EU-TM-0032-S	ATM Data 'as a service'	Closed	Single European Sky - SESAR	Studies	31/12/2017	1,599,712		3,199,424	
2014-EU-TM-0322-W	FABEC N-VCS Voice Communication System implementation	Ongoing	Single European Sky - SESAR	Works	31/12/2020	20,731,830		41,463,660	
<b>Inland Waterways</b>						<b>23,409,037</b>		<b>84,763,233</b>	
2014-NL-TM-0394-S	Breakthrough LNG deployment in Inland Waterway Transport	Ongoing	New technologies and innovation	Studies	31/12/2019	10,935,115		21,870,230	
2017-NL-TM-0056-W	Port-Liner, "zero emission" ships for inland waterways	Ongoing	New technologies and innovation	Works	31/12/2019	6,873,922		34,893,003	
2017-NL-TM-0140-W	ACCEL BARGE: Accelerated Electrification of Inland Waterways	Ongoing	New technologies and innovation	Works	31/03/2020	5,600,000		28,000,000	
<b>Rail</b>						<b>24,457,896</b>	<b>-</b>	<b>53,742,864</b>	<b>-</b>
2014-DE-TM-0299-S	Support and coordination of Rail Freight Corridor Rhine-Alpine for its long term sustainable operation as required by the EU Regulations 913/2010, 1315/2013 and 1316/2013.	Ongoing	Rail interoperability	Studies	31/12/2018	2,855,000		5,710,000	
2014-EU-TM-0050-S	Development of Rail Freight Corridor Atlantic "Sines-Lisboa/Leixões — Madrid-Medina del Campo/ Bilbao/San Sebastian-Irun-Bordeaux-Paris/Le Havre/Metz – Strasbourg /Mannheim / Sines-Elvas/Algeciras"	Ongoing	Rail interoperability	Studies	31/12/2020	3,060,000		6,120,000	
2014-EU-TM-0217-S	Establishment of Rail Freight Corridor „North Sea – Baltic“ and its further development aiming at improving conditions for international rail freight transport	Ongoing	Rail interoperability	Studies	31/12/2020	4,131,250	-	8,262,500	-
2014-NL-TA-0680-S	3EUStates2cross (Study, Rail, Limburg S-E Netherlands)	Ongoing	Projects on the Core and Comprehensive Networks	Studies	15/11/2018	4,757,500		9,515,000	
2017-AT-TM-0167-W	Cross-border TAF TSI Telematics investment Action	Ongoing	Rail interoperability	Works	31/12/2023	9,654,146		24,135,364	
<b>Road</b>						<b>108,064,419</b>		<b>427,335,554</b>	

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2014-EU-TM-0477-S	GREAT (Green Region for Electrification and Alternatives fuels for Transport)	Ongoing	New technologies and innovation	Studies	31/03/2019	6,999,388		13,998,776	
2014-NL-TA-0072-S	ViA15 road project, missing link study – Rhine-Alpine Core Network Corridor	Closed	Projects on the Core and Comprehensive Networks	Studies	31/12/2016	2,844,968		5,689,935	
2015-EU-TM-0422-S	LNG motion: Fuelling trucks with LNG/CNG along the core network	Ongoing	New technologies and innovation	Studies	31/12/2020	27,765,100		55,530,200	
2016-EU-TM-0126-S	ECO-GATE: European COrridors for natural GAs Transport Efficiency	Ongoing	New technologies and innovation	Studies	31/12/2019	9,860,417		19,720,834	
2016-NL-TA-0019-W	ViA15: solving the missing link in the cross-border road infrastructure on the Rhine-Alpine corridor	Ongoing	Projects on the Core and Comprehensive Networks	Works	31/12/2020	5,884,616		58,846,156	
2017-EU-TM-0068-W	MEGA-E: Metropolitan Greater Areas - Electric	Ongoing	New technologies and innovation	Works	31/12/2021	29,300,331		146,501,653	
2017-EU-TM-0080-W	BioLNG EuroNet	Ongoing	New technologies and innovation	Works	31/12/2023	25,409,600		127,048,000	