



North Sea-Mediterranean Core Network Corridor Study

Final Report

December 2014



1.1 Project List – NSMED Corridor

The draft work plan is organized by country and by main mode.

The lists are separated into two sets for each country (BE, FR, IE, LU, NL, and UK):

- Set 1: Projects with indicated timing and costs, and starting dates before 2020.
- Set 2: Projects with start dates expected after 2020, projects which are nearing completion, or projects with unknown timing and costs.

Belgium – Set 1 – Projects Starting before 2020.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE1	RAIL	Antwerp	Works	Capacity increase of the access to the port of Antwerp	INFRABEL	2014-2025	224.4	State funding, EU funding	Bottleneck Intermodality Last Mile	CEF Pre-identified
BE2	RAIL	Belgian railways	Works	ETCS deployment on Core Network (Budget is for entire core network in BE, infrastructure only)	INFRABEL	2014-2022	935.5	State funding, EU funding	Interoperability	CEF Pre-identified
BE3	RAIL	Belgian railways	Works	Removal of level crossings (Entire Belgian network)	INFRABEL	2014-2025	329.4	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE4	RAIL	Brussels	Works	Diabolo project – rail connection of Brussels airport with the international railway axes Frankfurt – Liège – Brussels – Paris and Amsterdam – Antwerp – Brussels – Paris	INFRABEL	2014-2018	64.0	State funding, EU funding	Missing Link Intermodality	
BE5	RAIL	Brussels - Antwerp	Works	Upgrade of the Brussels - Antwerp axis	INFRABEL	2014-2024	144.4	State funding, EU funding	Bottleneck Intermodality	
BE6	RAIL	Brussels - LUX border	Works	EuroCap-Rail: modernisation of the Brussels-Luxembourg axis	INFRABEL	2014-...	788.7	State funding, EU funding	Bottleneck Intermodality Interoperability Sustainability Cross Border	CEF Pre-identified
BE7	RAIL	Brussels railways	Works	Capacity increase of the North-South Junction in Brussels	INFRABEL	2014-2025	288.9	State funding, EU funding	Bottleneck Intermodality Sustainability	CEF Pre-identified
BE8	RAIL	Ghent-Zeebrugge	Works	Capacity increase of Ghent-Zeebrugge railway line	INFRABEL	2014-2025	463.0	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE9	RAIL	Leuven - Ottignies - LUX border	Works	Upgrade of Rail Freight Corridor 2 : Leuven - LUX border	INFRABEL	2014-...	52.1	State funding, EU funding	Intermodality Interoperability Cross Border	CEF Pre-identified
BE10	ROAD	Brussels Ring Road	Study	Upgrade of Ring of Brussels - Severe Congestion issues leading to loss of reliability and decreases in productivity.	Agentschap Wegen en Verkeer	2012-2017	10.0	State funding, EU funding	Bottleneck	
BE11	ROAD	Brussels Ring Road	Works	Upgrade of Ring of Brussels - Severe Congestion issues leading to loss of reliability and decreases in productivity.	Agentschap Wegen en Verkeer	2018-2021	172.6	State funding, EU funding	Bottleneck	
BE12	ROAD	Ghent	Study	Upgrade of the Ring-west of Ghent (west R4)	Agentschap Wegen en Verkeer	2015-2018	3.0	State funding, EU funding	Bottleneck	
BE13	ROAD	Ghent	Works	Upgrade of the Ring-west of Ghent (west R4)	Agentschap Wegen en Verkeer	2018-2022	60.0	State funding, EU funding	Bottleneck	
BE14	ROAD	Road Eindhoven-Hasselt, near Houthalen-Helchteren	Works	New 10km deviation road around the city centres on the existing N74, resulting in a better and faster connection for the transit traffic between Eindhoven and Hasselt to the E314 (core network)	Agentschap Wegen en Verkeer	2017-2020	573.0	State funding, EU funding (PPP)	Bottleneck Cross Border	
BE15	ROAD	Zeebrugge	Works	New 12km long A11 motorway link between Brugge and Westkapelle to connect the port of Zeebrugge and the European motorway network	Agentschap Wegen en Verkeer	2014-2017	578.0	Project bonds, pilot phase	Missing Link	CEF Pre-Identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE16	WATER	Belgian River Lys (part of Seine-Scheldt project) - interoperability, - cross border	Works	Enlargement of the Channel, augmentation of the bridges and enlargements of the locks of Sint-Baafs-Vijve and Harelbeke in order to have CEMT Vb	Waterwegen en zeekanaal	2015-2020	273.0	State funding, EU funding	Bottleneck Interoperability Cross Border	CEF Pre-identified
BE17	WATER	Belgian River Lys (part of Seine-Scheldt project) - sustainability	Works	River restauration: various interventions in environmental quality and scenic beauty of the river as well as of the valley area	Waterwegen en zeekanaal	2016-2020	28.0	State funding, EU funding	Sustainability	CEF Pre-identified
BE18	WATER	Canal Albert	Works	Lifting of bridges over the Canal Albert	De Scheepvaart	2009-2020	234.0	State funding, EU funding partially by PPP	Bottleneck Intermodality Interoperability	CEF Pre-identified
BE19	WATER	Canal Bocholt-Herentals	Works	Upgrade of the section Bocholt-Dessel (from CEMT class II to CEMT class IV)	De Scheepvaart	2016-2020	80.0	State funding, EU funding (possibly by PPP)	Bottleneck Intermodality Interoperability	CEF Pre-identified
BE20	WATER	Canal Bossuit-Kortrijk (part of Seine-Scheldt project)	Works	new lock (Va) in connection with Lys + adaptation canal depth	Waterwegen en zeekanaal	from 2018 on	69.9	State funding, EU funding	Bottleneck Missing Link Intermodality	CEF Pre-identified
BE21	WATER	Canal Bossuit-Kortrijk (part of Seine-Scheldt project)	Study	Study modernisation canal	Waterwegen en zeekanaal	2016-2019	7.3	State funding, EU funding	Bottleneck Missing Link Intermodality	CEF Pre-identified
BE22	WATER	Canal Brussels-Charleroi	Works	Modernisation of Brussels-Charleroi Canal	Waterwegen en zeekanaal	from 2016 on	29.5	State funding, EU funding	Bottleneck Intermodality Sustainability	CEF Pre-identified
BE23	WATER	Canal Brussels-Charleroi	Study	Modernisation of Brussels-Charleroi Canal between Lembeek and Halle.	Waterwegen en zeekanaal	from 2015 on	1.1	State funding, EU funding	Bottleneck Intermodality Sustainability	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE24	WATER	Canal Ghent-Oostende ,section Ghent-Brugge (part of Seine-Scheldt project) - interoperability, - cross border, - acces to seaport	Study + Works	Construction of a new Dammepoort lock and upgrade of the Steenbrugge bridge in the passage through Brugge	Waterwegen en zeekanaal	2019-2020	75.4	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE25	WATER	Canal Ghent-Terneuzen	Works	New lock in Terneuzen	Vlaams Nederlandse Schelde Commissie (VNSC)	2015-2021	930.0	State funding (The Netherlands, Flanders region), EU funding	Bottleneck Intermodality Sustainability Cross Border	CEF Pre-identified
BE26	WATER	Canal Roeselare-Lys (part of Seine-Scheldt project)	Study	Studies modernisation Canal	Waterwegen en zeekanaal	2016-2019	3.8	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE27	WATER	Canal Roeselare-Lys (part of Seine-Scheldt project)	Works	Upgrading of the Canal Roeselare-Lys to a class Va waterway	Waterwegen en zeekanaal	from 2019 on	37.3	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE28	WATER	Canal Roeselare-Lys (part of Seine-Scheldt project)	Study + Works	Works on the bridge in Ingelmunster + study that supports the further implementation of the works on the bridge of Ingelmunster	Waterwegen en zeekanaal	2016-2018	19.1	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE29	WATER	Flanders	Works	Implementation of River Information Services (RIS) in Flanders	De Scheepvaart/ Waterwegen en zeekanaal	2014-2020	15.0	State funding, EU funding	Intermodality Interoperability	CEF Pre-identified
BE30	WATER	Meuse basin	Works	Building of a trimodal platform in Liège including a rail link in Chertal	Port of Liège	2016-2018	2.5	State funding, EU funding	Intermodality Sustainability Last Mile	CEF Pre-identified
BE31	WATER	Meuse basin	Works	Increase of the vertical clearance under bridges over the Albert canal, in Haccourt, Lixhe and Lanaye. Upgrading	Service Public de Wallonie	2014-2015	0.6	State funding, EU funding	Intermodality Last Mile	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
				docks in Lixhe.						
BE32	WATER	Meuse basin	Works	Connection to the Meuse, the Rhine and the northern seaports : Gauge locks of Ampsin-Neuville and Ivoz-Ramet, New lock in Ampsin-Neuville Deepening of the Meuse Monsin Weir Upgrading of the bridge programme Navigability equipments Upgrading ports (Renory, Hermalle-sous-Huy)	Service Public de Wallonie	2014-2020	204.0	State funding, EU funding	Intermodality	CEF Pre-identified
BE33	WATER	Port of Antwerp	Works	Construction of a new dock at Noordlandbrug, in order to have sufficient waiting capacity for barges.	NV De Scheepvaart	2020	16.0	Member State funding, port authority, EU funding		
BE34	WATER	Port of Antwerp	Works	New Deurganckdok lock to upgrade access to Waasland Port (Antwerp)	Flemish Government - Mobiliteit en Openbare Werken	2011-2016	382.0	Vlaamse Havens NV, EU (incl. EIB loans)	Bottleneck Intermodality Last Mile	CEF Pre-identified
BE35	WATER	Port of Antwerp	Study	Renovation of the Royers lock in port of Antwerp	Flemish Government - Mobiliteit en Openbare Werken	2016-2019	140.0	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE36	WATER	Port of Antwerp	Works	Upgrading shunting yards and junctions; freight transport services	Port of Antwerp	2014-2020	100.0	0	Bottleneck Intermodality Last Mile	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE37	WATER	Port of Ghent	Works	Development of a rail terminal in the left bank of Ghent port. It is an internal port rail infrastructure, to enhance port connection to inland network and interoperability between the modes (maritime-inland navigation-rail)	private - port authority	2014-2016	5.5	private & port authority	Bottleneck Intermodality Interoperability Last Mile	
BE38	WATER	Port of Zeebrugge - Ostend - Lys Diversion Canal	Study	'Seine-Schelde-West' project : Upgrade and socio-economic monitoring to detect the need for the long term solution	Waterwegen en zeekanaal	2014-2020	4.0	State funding, EU funding	Missing Link Intermodality	CEF Pre-identified
BE39	WATER	Port of Zeebrugge (SHIP project)	Study + Works	Replacement of the existing Visart lock with an open access channel and construction of a new lock	Flemish Government - Mobiliteit en Openbare Werken	Studies: 2014-2015, Construction 2016-2021	594.0	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified
BE40	WATER	River Dender interoperability	Study	Upgrade of the Dender from CEMT class II to CEMT class IV in one way navigation from the mouth of the Scheldt in Dendermonde to Aalst	Waterwegen en zeekanaal	2015	0.5	State funding, EU funding		
BE41	WATER	River Upper-Scheldt (part of Seine-Scheldt project)	Works	Building of three new class Vb locks on the Upper-Scheldt (at Asper, Oudenaarde and Kerkhove)	Waterwegen en zeekanaal	from 2015 on	114.5	State funding, EU funding		CEF Pre-identified
BE42	WATER	Scheldt basin (part of Seine-Scheldt project)	Study + Works	Canal Pommeroeul-Condé : Pier at lock of Hensies Renovation locks in Hensies and Pommeroeul Deepening	Service Public de Wallonie	2015-2020	12,2	State funding, EU funding		CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE43	WATER	Scheldt basin (part of Seine-Scheldt project)	Study + Works	Dorsale wallonne : Canal Nimy-Blaton enlargement and modification of curves Basse Sambre - Lock of Auvélais Navigability optimisation: bridges, docks and equipments Navigability optimisation: deepening, crossing zones, turning points Building of four new locks of class Va - studies (Obourg, Marchienne, Gosselies and Viesville) Upgrade of four existing locks (Havré, Marchienne, Gosselies and Viesville)	Service Public de Wallonie	2014-2020	77,9	State funding, EU funding	Bottleneck Intermodality Cross Border	CEF Pre-identified
BE44	WATER	Scheldt basin (part of Seine-Scheldt project)	Study + Works	Lys capacity : Crossing of Comines	Service Public de Wallonie	2019-2020	15,4	State funding, EU funding	Bottleneck Intermodality Cross Border	CEF Pre-identified
BE45	WATER	Scheldt basin (part of Seine-Scheldt project)	Study + Works	Schelde capacity : Crossing of Tournai Kain and Hérinnes (dams, depth of locks, building new locks (studies)), navigability optimisation (docks)	Service Public de Wallonie	2014-2020	69,7	State funding, EU funding	Bottleneck Intermodality Cross Border	CEF Pre-identified
BE46	WATER	Sea Canal Brussels-Scheldt - bottleneck	Works	Dredging works and works on the banks of the Brussels-Scheldt Sea Canal and adaptation of bridges	Waterwegen en zeekanaal	mid-1960's-2020	24.2	State funding, EU funding	Bottleneck	CEF Pre-identified
BE47	WATER	Upper-Seascheldt and Southern Ghent Ring Canal (part of Seine-Scheldt)	Study + Works	Enlargement of the channel of the Upper-Sea Scheldt and Southern Ghent Ring Canal in order to eliminate	Waterwegen en zeekanaal	from 2016 on	64.9	State funding, EU funding	Bottleneck Intermodality	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
		project)		bottlenecks hindering class V vessels						
BE48	WATER	Wallonia	Study + Works	RIS - RIS centre in Wallonia	Service Public de Wallonie	2015-2020	6.0	State funding, EU funding	Intermodality Interoperability	CEF Pre-identified
BE49	WATER	Wijnegem	Works	Capacity extension of locks in Wijnegem	De Scheepvaart	-2020	100.0	State funding, EU funding (possibly by PPP)	Bottleneck Intermodality	CEF Pre-identified
BE50	WATER	Wijnegem-Antwerpen	Works	Upgrade of the section Wijnegem-Antwerpen on the Albert Canal	De Scheepvaart	2009-2020	100.0	State funding, EU funding	Bottleneck Intermodality Interoperability	CEF Pre-identified

Belgium – Set 2 - Post 2020 – or Missing Information

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
BE51	ROAD	Antwerp	Study	Upgrade of Ring of Antwerpen: Oosterweel connection	Beheersmaatschappij Antwerpen Mobiel (BAM)	2014-...	0.0	0	Bottleneck	
BE52	ROAD	Antwerp	Works	Upgrade of Ring of Antwerpen: Oosterweel connection	Beheersmaatschappij Antwerpen Mobiel (BAM)	Start before 2020	0.0	0	Bottleneck	
BE53	WATER	Beneden - Nete	Study	Upgrade of the vertical clearance to 7m on Beneden - Nete Canal	Waterwegen en zeekanaal	> 2020	5.5	State funding, EU funding	Bottleneck Intermodality	
BE54	WATER	Brussels	Study	Upgrade of the vertical clearance under some bridges in Brussels	Port of Brussels/Ministry of Brussels mobility	n.a.	50.6	State funding, EU funding	Intermodality	CEF Pre-identified
BE55	WATER	Part of Seine-Scheldt project	Study + Works	Dorsale wallonne : Canal Nimy-Blaton enlargement and modification of curves Basse Sambre - Lock of Auvelais Navigability optimisation: bridges, docks and equipments Navigability optimisation: deepening, crossing zones, turning points Building of four new locks of class Va works (Obourg, Marchienne, Gosselies and Viesville) Ronquières plan incliné	Service Public de Wallonie	2021-2025	218.0	State funding, EU funding	Bottleneck Intermodality Cross Border	CEF Pre-identified
BE56	WATER	Part of the Seine-Scheldt project	Study + Works	Schelde capacity : Crossing of Tournai Kain and Hérinnes (building new locks (works)), curves rectification (CEMT Vb)	Service Public de Wallonie	2021-2025	90.0	State funding, EU funding	Bottleneck Intermodality Cross Border	CEF Pre-identified

France – Set 1 – Projects Starting before 2020

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR1	MULTI	Core network corridor Avignon node (RRT + IWW)	Studies and works (upgrade and new construction)	Creation of a trimodal platform IWW-rail-road by upgrading and integrating existing port facilities on Courtine area and RRT of Champfleury (development of multimodal logistics platforms with road, rail and IWW connections)	CNR, VNF, RFF, State, Provence Alpes Cote d'Azur Region	2016	110.0	to be defined		
FR2	MULTI	Core network corridor Lyon node (Salaise - Sablons)	Studies and works (New construction)	Construction of a multimodal platform and a 38 ha industrial zone (development of multimodal logistics platforms with road, rail and IWW connections)	CNR, VNF, RFF, local authorities	2016 - 2023	60.2	EU, State, Local authorities		
FR3	MULTI	Core network corridor Marseille node (RRT + Fos-sur-Mer port)	Studies and works (New infrastructure)	Fos combined transport terminal	Port of Marseille-Fos	2018	25.0	to be defined		CEF Pre-identified
FR4	MULTI	Core network corridor Marseille node (RRT + port)	Studies (New infrastructure)	Mourepiane combined transport terminal	Société MTTC (Mourepiane Terminal Transport Combiné)	2014-2015	1.4	to be defined	Intermodality	
FR5	MULTI	Core network corridor Marseille node (RRT + port)	Works (New infrastructure)	Mourepiane combined transport terminal	Société MTTC (Mourepiane Terminal Transport Combiné)	2015-2017	40.4	to be defined	Intermodality	
FR6	MULTI	Core network corridor Marseille node (RRT + port)	Studies and works (New infrastructure)	Rolling motorway terminal	Port of Marseille-Fos	2018-2020	5.0	to be defined	Intermodality	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR7	MULTI	Mulhouse	Works	Development of a new port area in Mulhouse urban area	Port of Mulhouse-Rhin	2015-2020	7.5	State budget TEN – CEF grants		
FR8	MULTI	Port of Ottmarsheim	Study + Works	Study and work on a new container terminal and a logistics zone in Ottmarsheim shared with Basel and Weil-am-Rhein	Port of Mulhouse-Rhin	2017-2020 (to be started)	25.0	VNF	Intermodality	
FR9	MULTI	Port of Strasbourg	Works	Development of a common and unique information system (Port Community System) to optimize the use of all existing tools with a slot booking system for loading and unloading	Port of Strasbourg	2015	1.0	Port Autonome Strasbourg/VNF (EU funding: 0.5 million)	Interoperability	
FR10	RAIL	Bettembourg-Basel	Study + Works	ERTMS deployment on the Longuyon- Basel line	RFF	2015-2018	181.0	EU funding	Interoperability Cross Border	CEF Pre-identified
FR11	RAIL	Core network corridor Avignon Centre <--> Lyon (existing line)	Works (Infrastructure upgrade)	Avignon-Lyon (right bank of the Rhône): Upgrading and Capacity improvement, Safety / Security, Capacity improvement, Maintenance of performance	RFF	2013 - 2020	63.0	RFF internal	Bottleneck Intermodality	CEF Pre-identified
FR12	RAIL	Creil node	Study + Works	Creil, located on the corridor between Lille and Paris is the main rail node north of Paris and as such it has a great influence on traffic of freight and conventional passenger trains in all the northern part of France. Creil was identified as a first priority in all scenarios of the so called Mobilité 21 - “Duron report”. Studies and first work are planned from 2014 to 2020	RFF	2014-2020	45.0	EU, State, region Picardie, RFF	Bottleneck	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR13	RAIL	Dijon-Mulhouse	Study	Optimisation of the Rhin-Rhone high speed rail line (LGV Rhin Rhône) 2d phase of the East branch	Alsace, Bourgogne, Franche-Comté regions	2015-2017	0.3	Alsace, Bourgogne, Franche-Comté regions, French State, EU funding	Missing Link	CEF Pre-identified
FR14	RAIL	Dunkirk - Calais	Study + Works	Direct rail connection between Dunkirk west port terminals and Calais/Tunnel main line	Port of Dunkirk	2018-2020	8.0	EU funding 20%	Intermodality	CEF Pre-identified
FR15	RAIL	Lille (Dourges)-Paris	Study + Works	Network improvements for rolling motorways	RFF	2015-2020	63.0	EU funding	Intermodality	
FR16	RAIL	Longuyon-Thionville	Study + Works	Reinforcement of electric supply on Longuyon-Thionville	RFF	2020	15.0	State - Lorraine Region Plan Contract for 2015-2020 (CPER), EU	Sustainability	
FR17	RAIL	Lyon	Study + Works	First treatment of Lyon node. Works on the existing network aiming to increase reliability, security and capacity of train operations (resolution of physical bottlenecks)	RFF	work to start before 2020	580.0	State - Rhône-Alpes Region Plan Contract for 2015-2020 (CPER), EU	Bottleneck	CEF Pre-identified
FR18	RAIL	Metz	Study + Works	Metz node upgrade	RFF	First priority in Mobility 21 report (before 2030) Work to begin before 2020	40.0	State - Lorraine Region Plan Contract for 2015-2020 (CPER), EU	Bottleneck	
FR19	RAIL	Metz	Study + Works	Reinforcement of electric supply in Metz	RFF	2020	20.0	State - Lorraine Region Plan Contract for 2015-2020 (CPER), EU	Sustainability	
FR20	RAIL	Metz-Réding	Study + Works	IPCS (permanent counterflow installations) deployment	RFF	2020	10.0		Bottleneck	

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				between Baudrecourt and Rémilly						
FR21	RAIL	Mulhouse	Study + Works	Mulhouse node upgrade	RFF	First priority in Mobility 21 report (before 2030) Work to begin before 2020	145.0	State - Alsace Region Plan Contract for 2015-2020 (CPER), EU	Bottleneck Cross Border	CEF Pre-identified
FR22	RAIL	Mulhouse-Basel	Study	Connection of the Mulhouse-Basel EuroAirport (comprehensive network) to the rail network (core-network). This project is supported by both French and Swiss authorities. The preliminary studies and the public consultation were finished in 2013. The projects studies and, at the same time, the beginning of the construction, are now ready to start.	EuroAirport and RFF	before 2020	15.0	State - Alsace Region Plan Contract for 2015-2020 (CPER), EU	Intermodality Last Mile	CEF Pre-identified
FR23	RAIL	Mulhouse-Belfort	Study + Works	IPCS (permanent counterflow installations) deployment between Mulhouse and Altkirch	RFF	2020	15.0	0	Bottleneck	
FR24	RAIL	Port of Dunkirk	Works	Dedicated multimodal platform for dangerous goods, including rail and road connection to the core network and will be connected to a maritime container terminal and inland	Port of Dunkerque and private promoters	2016-2020	200.0	Port of Dunkerque, private partners, EU funding Port of Dunkirk (own funds)	Intermodality	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
				waterways						
FR25	RAIL	Port of Dunkirk	Works	Improvement of the interoperability between the port of Dunkirk and the national railway network	Port of Dunkirk	2015-2017	13.0	EU funding 20%	Intermodality	CEF Pre-identified
FR26	RAIL	Port of Marseille-Fos east basins at Fos-sur-Mer	Works	Mourepiane (east bassin): rail connection to the port	RFF	2016	18.5	State (33%) PACA region (33%) département (17%) GPMM (17%)	Intermodality Last Mile	CEF Pre-identified
FR27	RAIL	Port of Marseille-Fos west basins at Fos-sur-Mer	Works	Increase in the west basins rail capacity in the Fos gulf (project planned on the CPER State-region contract)	Port of Marseille-Fos	2017	8.0	French State, PACA region, Bouches-du-Rhone departement, Port of Marseille-Fos at equal shares	Bottleneck Last Mile	CEF Pre-identified
FR28	RAIL	Port of Metz	Works	Extension of the siding to improve rail access to the port of Metz area	Port of Metz	2015	3.0	Port of Metz, local and regional authorities, EU (0.6 million)	Intermodality	
FR29	RAIL	Port of Strasbourg	Works	Strasbourg rail : Increasing capacity at the Port du Rhin station ; Upgrading rail access to the port; Upgrading signalling and points equipment; Rail access to the port from the German network	Port of Strasbourg	2015	17.0	Port Autonome Strasbourg/VNF (EU funding: 5.5 million)	Intermodality	
FR30	RAIL	Strasbourg	Study + Works	Reinforcement of electric supply in Strasbourg	RFF	2020	30.0	State - Alsace Region Plan Contract for 2015-2020 (CPER), EU	Sustainability	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR31	RAIL	Strasbourg	Study + Works	Strasbourg node upgrade (4th track between Strasbourg and Vendenheim)	RFF	First priority in Mobility 21 report (before 2030) Work to begin before 2020	120.0	State - Alsace Region Plan Contract for 2015-2020 (CPER), EU	Bottleneck	CEF Pre-identified
FR32	ROAD	Martigues - Port-de-Bouc	Works	Construction of the Martigues - Port-de-Bouc bypass	French State	2017 - 2020	145.0		Bottleneck	
FR33	ROAD	Miramas	Works	Miramas bypass, work in progress, end scheduled for 2016	French State	2014-2016	61.2		Bottleneck	
FR34	WATER	Condé-Pommeroeul canal	Study + Works	Restoration of the Condé-Pommeroeul canal (Seine-Scheldt inland waterway)	VNF	2007-2023	67.0	VNF, region NPDC, Wallonie, EU funding (40%)	Bottleneck Missing Link Cross Border	CEF Pre-identified
FR35	WATER	Core Network corridor Dijon<->Lyon Dijon node *intermodality	Study	Development of the multimodal platform near Dijon (Pagny trimodal platform)	VNF, Aproport	2015-2020	1.0	VNF, EU funding	Intermodality	
FR36	WATER	Core network corridor Marseille node (Fos-sur-Mer port)	Studies (New infrastructure)	Fos 4XL combined transport terminal (enlarging port container facilities)	Port of Marseille-Fos	2018	2.5	to be defined	Bottleneck Intermodality	CEF Pre-identified
FR37	WATER	Core network corridor Marseille node (Fos-sur-Mer port)	Studies and works (Infrastructure upgrade)	Fos Dock infrastructures : allowing call of bigger ships and improvement of terminal operations	Port of Marseille-Fos	2015-2018	40.0	to be defined	Bottleneck Intermodality	CEF Pre-identified
FR38	WATER	Core network corridor Marseille node (Fos-sur-Mer port)	Studies and works (New infrastructure)	Waterway link : create an IWW connection between Fos container terminal (second basin) and the Rhône	Port of Marseille-Fos	2019-2020	34.0	to be defined	Intermodality	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR39	WATER	Core network corridor Marseille node (Fos-sur-Mer port)	Works (New infrastructure)	Waterway link : Multiclient bulk platform	Port of Marseille-Fos	2017	3.5	to be defined	Bottleneck Intermodality	CEF Pre-identified
FR40	WATER	Core network corridor Marseille node (port)	Studies and works (New infrastructure)	Upgrade of Short Sea Shipping terminals	Port of Marseille-Fos	2015-2020	80.0	to be defined	Bottleneck Intermodality	CEF Pre-identified
FR41	WATER	Core network corridor Marseille node (port)	Works (Infrastructure upgrade)	Widening of the North Pass	Port of Marseille-Fos	2015-2017	32.7	to be defined	Bottleneck Intermodality	CEF Pre-identified
FR42	WATER	Couzon lock on the Saône, Core Network corridor Lyon Node *Bottleneck	Study + Works	Upgrading of the Couzon lock on the Saone by increasing length to 195 m and creating guiding wall for long vessels	VNF	2015-2016	7.0	VNF, EU funding		
FR43	WATER	Deûle river	Works	Recalibration of Deûle river (Lille Deûlémont) (Seine-Scheldt inland waterway)	VNF	2007-2020	45.0	French state, Region NPDC, EU funding (40%)	Bottleneck Missing Link Cross Border	CEF Pre-identified
FR44	WATER	Downstream Seine	Study + Works	Implementing remote control of locks on the downstream Seine (Seine-Scheldt inland waterway)	VNF	2014-2020	8.0	Under study: VNF, regions, EU funding (40%)		CEF Pre-identified
FR45	WATER	Downstream Seine	Study + Works	Improvement of reliability at other locks and dams (Seine-Scheldt inland waterway)	VNF	2014-2020	8.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR46	WATER	Downstream Seine	Study + Works	Modernising and rehabilitating locks on the downstream Seine, including locks of Suresnes, Bougival, Méricourt and Notre Dame de la Garenne (Seine-Scheldt inland waterway)	VNF	2014 à 2025	28.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR47	WATER	Downstream Seine	Study + Works	Raising of the Poses-Amfreville footbridge (Seine-Scheldt inland waterway)	VNF	2014-2020	0.8	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR48	WATER	Downstream Seine	Study + Works	Rehabilitating of the rail bridge at Maisons Lafitte (Seine-Scheldt inland waterway)	VNF	2014-2022	2.5	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR49	WATER	Downstream Seine	Study + Works	Restoring the environmental continuity with the construction of fish passes (Seine-Scheldt inland waterway)	VNF	2014-2022	11.0	Under study: VNF, regions, EU funding (40%), water agencies	Bottleneck Missing Link	CEF Pre-identified
FR50	WATER	Downstream Seine	Study + Works	Services to users (Seine-Scheldt inland waterway)	VNF	2014-2020	5.8	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR51	WATER	Janville – Aubencheul-au-Bac	Works	Seine Nord Canal and multimodal platforms (Seine-Scheldt inland waterway) * Missing Link * Bottleneck * Cross Border * Interoperability	VNF	2015-2023/2025	4,500.0	EU funding 40%, French state, local regional governments	Bottleneck Missing Link Cross Border	CEF Pre-identified
FR52	WATER	Lorraine	Works	Construction of an Information and waterway traffic management centre	VNF	2015-2017	2.5			
FR53	WATER	Lorraine	Study + Works	Extension of Clévant lock on the Moselle	VNF	2016-2022	13.0		Bottleneck	
FR54	WATER	Lorraine	Study + Works	Implementing remote control of locks on the wide-gauge Moselle	VNF	2014-2025	10.0			
FR55	WATER	Lorraine	Study + Works	Reconstruction and enlargement of the gate at Pont-à-Mousson	VNF	2016-2022	8.0		Bottleneck	
FR56	WATER	Lorraine	Works	Reconstruction of the Liégeot dam on the Moselle	VNF	2014-2018	14.0			
FR57	WATER	Lorraine	Works	Rehabilitation of broadband	VNF	2014-2017	5.0	VNF		

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
				network along the Moselle river						
FR58	WATER	Lorraine	Works	The multimodal and multisite platform development in Lorraine, on the Moselle river	VNF/Port of Metz/Port of Frouard/Port of Thionville-Illange	2014-2016 (Tranche 1 Phase 1)	28.0		Intermodality	
FR59	WATER	Lys river	Study + Works	Recalibration of Lys river (Deûlémont-Halluin) (Seine-Scheldt inland waterway)	VNF	2007-2023	118.0	VNF, Wallonie, Flandres, region NPDC, EU funding (40%)	Bottleneck Missing Link Cross Border	CEF Pre-identified
FR60	WATER	Marseille node (IWW port connection) and Sète	Studies and works (Infrastructure upgrade)	Improvement of capability of the Rhône-Sète canal Compliance with class IV* requirements at least (waterway allows the passage of a vessel or a pushed train of craft 80 to 85 m long and 9.50 m wide): Works consist in : - raising of 5 bridges - Compliance with Core network standards concerning minimum height under bridges (Target:>5.25/7.00m) - new zones of crossing in Gallician and Aigues-Mortes - modification of a few curves with low values of radius of curvature Compliance with Core network standards concerning length of vessels and barges (Target: >80-85m) Compliance with Core network standards	VNF	2014 - 2020	75.0	State – Languedoc-Rousillon Region Plan Contract (CPER), EU funding	Missing Link	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
				concerning minimum draught (Target: >2.50m)						
FR61	WATER	Nord-Pas-de-Calais	Study + Works	Implementing remote management of the locks on the Nord-Pas-de-Calais network and upgrading the locks involved (Seine-Scheldt inland waterway)	VNF	2014-2020	49.0	Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR62	WATER	Nord-Pas-de-Calais	Study + Works	Increasing reliability of the Nord-Pas-de-Calais network, including shore protection at Goeulzin and Aire Neuffossé (Seine-Scheldt inland waterway)	VNF	2015-2020	38.0	Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR63	WATER	Nord-Pas-de-Calais	Study + Works	Services to users: turning basin and waiting areas (Seine-Scheldt inland waterway)	VNF	2014-2020	8.0	Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR64	WATER	Oise valley	Study + Works	Dredging downstream of Creil (access to locks) (Seine-Scheldt inland waterway)	VNF	2014-2016	7.2	VNF, EU funding TEN-T 2007-2013		CEF Pre-identified
FR65	WATER	Oise valley	Study + Works	Implementing remote control of locks on the Oise (Seine-Scheldt inland waterway)	VNF	2014-2020	11.0	Under study: VNF, regions Ile-de-France and Picardie, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR66	WATER	Oise valley	Study + Works	Reconstruction of the Mours bridge to du pont de Mours to a height of 7 metres (Seine-Scheldt inland waterway)	VNF	2014 - 2025	36.0	Under study: VNF, regions Ile-de-France and Picardie, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR67	WATER	Oise valley	Study + Works	Services to users: turning basin (Seine-Scheldt inland waterway)	VNF	2014-2020	2.5	Under study: VNF, regions Ile-de-France and Picardie, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR68	WATER	Oise valley	Study + Works	Upgrade to European gauge of the Oise between Creil and Compiègne (MAGEO project) (Seine-Scheldt inland waterway)	VNF	2015-2027	233.0	Under study: VNF, regions Ile-de-France and Picardie, EU funding (40%)	Bottleneck Missing Link Intermodality	CEF Pre-identified
FR69	WATER	Paris	Study + Works	Development of multimodal urban logistic Centers (Beaugrenelle, La Chapelle International, etc.) inside Paris	Port of Paris	2017	110.0	Ports de Paris, Caisse des Dépôts et Consignations, Sogaris	Intermodality Sustainability Last Mile	
FR70	WATER	Paris	Study	Development of multimodal urban logistic Centers in Paris area (Vigneux, Vitry-sur-Seine, etc.)	Port of Paris	2018-2021	35.0	Port of Paris	Intermodality Sustainability Last Mile	
FR71	WATER	Port of Calais	Works	Calais 2015 project Creation of a new sea dock north of the existing port facilities to increase the current capacity of the port (Calais Port 2015 development scheme). This includes: - a new seawall and counter-pier, - building of a new port basin, - gradual carrying out of new earth platforms, - gradual construction of a new berth.	Nord-Pas-de-Calais Regional Council	2015-2020	800.0	To be carried out with a PPP: - Public funding: 300 million (Region, State and EU) - Equity: 100 million - Senior long-term debt: 400 million	Intermodality Cross Border	
FR72	WATER	Port of Chalon-sur-Saone	Works	Port of Chalon-sur-Saone: Enlargement of the container platform, development of the container terminal and extension of the port's rail network	CCI de Saône et Loire, port of Chalon-sur-Saone	2015-2016-2020	5.0	60 % CPER (State-Region contract) among which 30 % State and 30 % region 40 % other funds (EU, local	Intermodality	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
								authorities, CCI Saône et Loire)		
FR73	WATER	Port of Chalon-sur-Saone	Works	Port of Chalon-sur-Saone: Extension of the quay, development of a stocking platform on the quay	CCI de Saône et Loire, port of Chalon-sur-Saone	2014-2015-2016	5.0	60 % CPER (State-Region contract) among which 30 % State and 30 % region 40 % other funds (EU, local authorities, CCI Saône et Loire)	Intermodality	
FR74	WATER	Port of Dunkirk	Works	Bulk terminal revamp (Cap Port Ouest framework program). Development of transshipment operations for bulk material.	Port of Dunkirk	2015-2016	16.5	EU funding 20%	Intermodality	
FR75	WATER	Port of Dunkirk	Works	Container berth upgrade (Cap Port Ouest framework program). Development of transshipment to feeder or short-sea services and of inland multimodal transfer to rail and inland waterway services.	Port of Dunkirk	2015-2017	74.6	EU funding 20% Possible Project Bond Credit Enhancement scheme	Intermodality	CEF Pre-identified
FR76	WATER	Port of Dunkirk	Works	LNG bunkering infrastructure. Development of a small-scale LNG supply chain from the port of Dunkirk, not only or primarily for ship bunkering but also, potentially, for other markets such as road or waterway transport, or industry.	Port of Dunkirk	2014-2016	97.6	EU funding 30% Possible Project Bond Credit Enhancement scheme	Sustainability	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR77	WATER	Port of Dunkirk	Works	Maritime access adaptation (Cap Port Ouest framework program). Widening of the turning circle between the outer port and the basin called Atlantic.	Port of Dunkirk	2015-2016	18.7	EU funding 20%		
FR78	WATER	Port of Metz	Works	Extension of the container terminal inside the port (2nd phase of the multimodal and multisite platform development in Lorraine)	Port of Metz	2018-2020	15.0	Port of Metz, local and regional authorities, EU	Intermodality	
FR79	WATER	Port of Paris	Works	City port of Triel-sur-Seine	Port of Paris	2015-2017	32.0	EU funding 20-40%	Intermodality	
FR80	WATER	Port of Paris	Works	Extension of the Limay multimodal terminal	Port of Paris	2015-2019	30.0	EU funding 20-40%	Intermodality	
FR81	WATER	Port of Paris	Works	Multimodal access to platforms of the ports of Paris (including new road link N406)	Port de Paris / DRIEA	2015-2020	100.0	EU funding 20-40%	Intermodality Last Mile	
FR82	WATER	Port of Paris	study	Paris Seine Métropole phase 1 (western part). Development of aggregate products platform.	Port of Paris	2017-2030	110.0	EU funding 20-40%	Intermodality	
FR83	WATER	Port of Strasbourg	Works	Increasing the size of entry locks to the port	Port of Strasbourg	2020	7.0	Port Autonome Strasbourg/VNF (EU funding: 2.3 million)		
FR84	WATER	Port of Strasbourg	Works	North road access to the port	Port of Strasbourg	2015	10.0	Port Autonome Strasbourg/VNF (EU funding: 3 million)	Intermodality Last Mile	
FR85	WATER	Port of Strasbourg	Study + Works	Strasbourg inland port : development of a container terminal ; study and work on a new terminal for empty containers to be shared with Kehl port (Germany) / Lauterbourg inland port : development of the	Port of Strasbourg	2015	61.0	EU funding: 20.3 million	Intermodality	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
				Lauterbourg container terminal						
FR86	WATER	Provence-Alpes-Côte d'Azur Region	Works	Development of stops for passenger ships	VNF	2014-2020	13.0	State - Provence-Alpes-Côte d'Azur Region Plan Contract (CPER), EU funding		
FR87	WATER	Provence-Alpes-Côte d'Azur Region	Works	Standardisation of Slipway in Arles	VNF	2014-2020	6.7	State - PACA Region Plan Contract (CPER), EU funding		
FR88	WATER	Rhône-Alpes Region	Works	Development of quays and waiting areas for alternate traffic direction	VNF	2014-2020	3.3	State - Rhône-Alpes Region Plan Contract (CPER), EU funding		
FR89	WATER	Upstream Seine	Study + Works	Implementing remote control of locks on the upstream Seine (Seine-Scheldt inland waterway)	VNF	2016 petite Seine 2020 - 2022 haute seine	10.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR90	WATER	Upstream Seine	Study + Works	Improving reliability of other locks and dams (Seine-Scheldt inland waterway)	VNF	2014 - 2020	8.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR91	WATER	Upstream Seine	Study + Works	Renovation and modernisation of dams, including reconstruction of the Beaulieu dam and restoration of the Livon weir which holds the channel to the Nogent-sur-Seine nuclear power plant (Seine-Scheldt inland waterway)	VNF	2014 - 2025	18.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR92	WATER	Upstream Seine	Study + Works	Renovation and/or deepening of the small locks on the high Seine (Seine-Scheldt inland waterway)	VNF	2014 - 2025	81.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR93	WATER	Upstream Seine	Study + Works	Restoring the environmental continuity with the construction of fish passes including at Port à l'Anglais, Ablon/Vigneux, Evry, Marolles, seuil du Livon and Conflans/Seine (Seine-Scheldt inland waterway)	VNF	2014-2025	13.0	Port of Paris	Bottleneck Missing Link	CEF Pre-identified
FR94	WATER	Upstream Seine	Study + Works	Services to users: turning basin and waiting areas (Seine-Scheldt inland waterway)	VNF	2014-2020	6.7	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified

France – Set 2 – Projects Starting after 2020 or missing information or work completed

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR95	RAIL	Clesud RRT (Miramas)	Study + Works	Development of the Clesud RRT at Miramas	RFF		4.0		Intermodality	
FR96	RAIL	Core network corridor Avignon Centre <-> Lyon (existing line)	Studies and works (Infrastructure upgrade)	Avignon-Lyon (right bank of the Rhône): Upgrading and Capacity improvement, Safety / Security, Capacity improvement, Maintenance of performance	RFF	> 2020	500.0	RFF internal		CEF Pre-identified
FR97	RAIL	Core network corridor Lyon node / Lyon <-> Avignon	Studies and works (Infrastructure upgrade)	Upgrade of the Port of Lyon including : - renewal of roads in the port (modification of the circulation plan with a new entry way for trucks) - construction of a new dock to stock liquid bulk commodities - various upgrades enabling to increase the supply of containers transport (including the upgrade of the Terminal 1 and new equipment) - direct connection with the national rail network (creation of a new track and electrification works on the existing track)	CNR, RFF (rail part)	2023	20.8	EU, State, Rhône-Alpes Region, CNR (+ RFF for the rail connection)		
FR98	RAIL	Creil node	Works	Creil, located on the corridor between Lille and Paris is the main rail node north of Paris and as such it has a great influence on traffic of freight and conventional passenger trains in all the northern part of France. Creil was identified as a first priority in all scenarios of the so called Mobilité 21 - "Duron report". After the first treatment of the Creil node, additional work will be held from 2020 to 2023.	RFF	2020-2023		to be defined		

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR99	RAIL	Dijon-Mulhouse	Study + Works	Rhin-Rhone high speed rail line (LGV Rhin Rhône) 2d phase of the East branch	RFF	Second priority in Mobility 21 report (after 2030)	1,180.0	EU funding	Missing Link	CEF Pre-identified
FR100	RAIL	Lille - Valenciennes	Study + Works	Capacity increase on Lille - Valenciennes	RFF	2015 - 2020 (studies) 2020 - 2030 (works)	300.0	State - Nord-Pas-de-Calais Region Plan Contract for 2015-2020 (CPER), EU	Bottleneck	
FR101	RAIL	Lyon	Study + Works	Further treatment of the Lyon node. Technical studies for infrastructures allowing to mitigate problems of traffic overload : doubling of the lines on land or underground (resolution of physical bottlenecks)	RFF	work to start after 2020	5,000.0	EU, State, Rhône-Alpes Region, RFF	Bottleneck	CEF Pre-identified
FR102	RAIL	Lyon	Study + Works	Lyon area bypass (CFAL). New line of bypass of the agglomeration (resolution of physical bottlenecks)	RFF	Second priority in Mobility 21 report (after 2030), but some works could begin before 2030	3,500.0	EU, State, Rhône-Alpes Region, RFF	Bottleneck	CEF Pre-identified
FR103	RAIL	Marseille node	Works	Underground crossing of Marseille with a new 4 tracks underground station as well as a 4th track in the Huveaune valley	RFF	works starting before 2020	2,500.0	RFF, French State, PACA region and local authorities (departements and others), UE	Bottleneck	
FR104	RAIL	Metz -Strasbourg	Study + Works	Loading gauge enhancement (GB to GB1) between Metz -Strasbourg	RFF	before 2020		EU funding	Intermodality	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR105	RAIL	Mulhouse-Basel	Works	Connection of the Mulhouse-Basel EuroAirport (comprehensive network) to the rail network (core-network). This project is supported by both French and Swiss authorities. The preliminary studies and the public consultation were finished in 2013. The projects studies and, at the same time, the beginning of the construction, are now ready to start.	EuroAirport and RFF	after 2020	260.0	to be defined	Intermodality Last Mile	CEF Pre-identified
FR106	RAIL	Port of Marseille-Fos	Study + Works	Port industrial area at Fos-sur-Mer (west basins of the Marseille/Fos port): automation of rail access and sidings, new connections	RFF	to be defined		to be defined	Last Mile	
FR107	RAIL	Port of Strasbourg-Lauterbourg	Works	Lauterbourg rail : Improving rail capacity of the Lauterbourg-Woerth line; rail connection to Lauterbourg station	Port of Strasbourg				Intermodality	
FR108	RAIL	Roissy-Picardie	Study + Works	Rail link Roissy-Picardie: this new 7km conventional rail link between Roissy CDG airport (core network) and the Creil-Paris line aims at improving access to the Roissy CDG airport and high speed rail network from Picardie region.	RFF	2004-2017 studies / 2018-2021 works	365.0	EU, State, regions Ile de France and Picardie	Missing Link Last Mile	
FR109	RAIL	Strasbourg	Study	Strasbourg node upgrade (Strasbourg station upgrade)	RFF	2025	0.0	State - Alsace Region Plan Contract for 2015-2020 (CPER), EU	Bottleneck	CEF Pre-identified
FR110	RAIL	Toul-Dijon	Study + Works	IPCS (permanent counterflow installations) deployment between Toul and Dijon	RFF	Studies before 2020, work after 2020	250.0	EU funding		
FR111	ROAD	Arles	Works	Arles road bypass (concession project), studies in progress, work to be carried between 2020 and 2024.	Provence Alpes Cote	2020-2024	600.0		Bottleneck	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
					d'Azur Region					
FR112	ROAD	Fos-Salon	Study + Works	Motorway link Fos-Salon, studies from 2015 onwards, work to be carried out after 2020.	French State	studies from 2015, work after 2020	300.0		Missing Link Last Mile	
FR113	WATER	Bray-sur-Seine – Nogent-sur-Seine	Study + Works	Upgrade of the upper Seine between Bray-sur-Seine and Nogent-sur-Seine (Seine-Scheldt inland waterway)	VNF	Before 2030	225.0	Ongoing study : French State, VNF, Regions Île-de-France and Champagne Ardennes, other local authorities, EU funding	Bottleneck Missing Link	CEF Pre-identified
FR114	WATER	Deûle river	Study + Works	Doubling of the Quesnoy-sur-Deûle lock (Seine-Scheldt inland waterway)	VNF	Avant 2030	60.0	Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR115	WATER	Deûle river	Study + Works	Lengthening of the Quesnoy-sur-Deûle lock (Seine-Scheldt inland waterway)	VNF	2025	34.0	Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR116	WATER	Downstream Seine	Study + Works	Lengthening of the second lock at Méricourt and of the Amfreville lock (Seine-Scheldt inland waterway)	VNF	Before 2030	39.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR117	WATER	Downstream Seine	Study + Works	Modernising and rehabilitating dams on the downstream Seine including dams of Suresnes, Bougival, Méricourt, Andresy GC, Poses and Port Mort (Seine-Scheldt inland waterway)	VNF	2014 à 2025	52.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR118	WATER	Lorraine	Study + Works	Heavy maintenance of structures on the wide-gauge Moselle	VNF	2030	67.0	Further implementation of 2008 the itinerary study		
FR119	WATER	Nord-Pas-de-Calais	Study + Works	Doubling of locks between Dunkerque and Cuinchy (Seine-Scheldt inland waterway)	VNF	2020-2040		Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR120	WATER	Nord-Pas-de-Calais	Study + Works	Doubling of the Fontinettes lock (Seine-Scheldt inland waterway)	VNF	Avant 2030		Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR121	WATER	Nord-Pas-de-Calais	Study + Works	Lengthing of the Douaisis locks, doubling of locks on the wide-gauge network (Seine-Scheldt inland waterway)	VNF	2020-2040		Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR122	WATER	Nord-Pas-de-Calais	Work completed	Raising of bridges on the Nord-Pas-de-Calais network (minimum height of 5.25m, 2 layers of containers) (Seine-Scheldt inland waterway)	VNF	2015 (5.25m bridges)			Bottleneck Missing Link	CEF Pre-identified
FR123	WATER	Nord-Pas-de-Calais	Study + Works	Restoration of locks and dams (Seine-Scheldt inland waterway)	VNF	2020-2040		Under study: VNF, region NPDC, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified
FR124	WATER	Pagny – Neuves-Maisons/ Mulhouse	Study	Saone-Moselle/Saone-Rhine Canal	VNF	Long term project. Active beyond 2030	200.0	Ongoing study	Missing Link Cross Border	CEF Pre-identified
FR125	WATER	Pagny – Neuves-Maisons/ Mulhouse	Works	Saone-Moselle/Saone-Rhine Canal	VNF	Long term project. Active beyond 2030	17,000.0	Ongoing study	Missing Link Cross Border	CEF Pre-identified
FR126	WATER	Port of Dunkirk	Works	The CAP 2020 project is a further step to the Cap Port Ouest program, it aims to strengthen the gateway network of the Med-NS corridor and its ability to address further growth of transport demand, especially to south Germany, North-East of France and the UK.	Port of Dunkirk	2020-2030	500.0	to be defined	Intermodality	CEF Pre-identified
FR127	WATER	Port of Paris	Study + Works	Paris Seine Métropole phase 2 (eastern part). Development of multimodal platform	Port of Paris	>2030			Intermodality	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
FR128	WATER	Scheldt river	Work completed	Recalibration of Escaut river (Valenciennes-Mortagne-Trith) (Seine-Scheldt inland waterway)	VNF	2015		French state, Region NPDC, EU funding 2007-2013	Bottleneck Missing Link Cross Border	CEF Pre-identified
FR129	WATER	Upstream Seine	Study + Works	Creating a second lock at Varennes-sur-Seine (Seine-Scheldt inland waterway)	VNF	Before 2030	33.0	Under study: VNF, regions, EU funding (40%)	Bottleneck Missing Link	CEF Pre-identified

Ireland – Set 1: Projects Starting before 2020.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
IE1	RAIL	Dublin & national	Works	Dublin city centre re-signalling Phases 3 & 4 (sub-project of DU)	Irish Rail / National Transport Authority	Completion by 2017	55.0	Part-co-funding envisaged from TEN-T.	Bottleneck Interoperability Sustainability	CEF Pre-identified
IE2	RAIL	Dublin & national	Works	Central Traffic Control Centre (sub-project of DU)	Irish Rail	2018-20	40.0	Part-co-funding envisaged from TEN-T.	Bottleneck Missing Link Interoperability Sustainability	CEF Pre-identified
IE3	RAIL	Greater Dublin Area	Works	Electrification of the DART from Malahide to Balbriggan (sub-project of DU)	Irish Rail / National Transport Authority	Post 2018	80.0	Part-co-funding envisaged from TEN-T.		CEF Pre-identified
IE4	RAIL	Phoenix Park Tunnel, Dublin	Works	Allow some services on the Kildare line to bypass Heuston station and into the Central Business District	Irish Rail / National Transport Authority	Completion in 2016	12.0	Part-co-funding envisaged from TEN-T.	Bottleneck Sustainability	CEF Pre-identified
IE5	RAIL	Transport hubs in Cork & Dublin	Works	Works could include upgrading Cork Kent station, Pearse station roof and DART stations in Dublin	Irish Rail/ National Transport Authority	2014-20	20.0	Part-co-funding envisaged from TEN-T.	Intermodality	CEF Pre-identified
IE6	ROAD	Cork - Ringaskiddy (IE)	Works	N/M28 Cork to Ringaskiddy Improvement Scheme	National Roads Authority (NRA)	2015-2020	180.0	Part-co-funding envisaged from TEN-T.	Bottleneck Last Mile	
IE7	ROAD	Cork (IE)	Works	Dunkettle Interchange Upgrade	National Roads Authority (NRA)	2013-2017	90.0	Part-co-funding envisaged from TEN-T.	Bottleneck	
IE8	ROAD	Naas - Newbridge (IE)	Works	M7 Naas - Newbridge Motorway Widening Scheme	National Roads Authority (NRA)	2015-20	55.0	Part-co-funding envisaged from TEN-T.	Bottleneck	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
IE9	WATER	Cork (IE)	Works	Port infrastructure developments primarily at Ringaskiddy as part of the Port of Cork Masterplan	Port of Cork Company	2014-2020	100.0	Part-funding envisaged from TEN-T.	Bottleneck Cross Border	CEF Pre-identified
IE10	WATER	Dublin (IE)	Works	Alexandra Basin Redevelopment Project (part of the Port of Dublin Masterplan)	Port of Dublin	2014-2020	200.0	Part-funding envisaged from TEN-T.		CEF Pre-identified

Ireland – Set 2: Projects Starting after 2020, or missing information.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
IE11	RAIL	Cork-Dublin-Northern Ireland border	Study + Works	Package of measures to benefit the rail corridor between Cork and Belfast via Dublin to help it compete with the motorway network e.g. improving line speeds (including for freight), interconnection with DART in Dublin.	Irish Government (DTTAS), Irish Rail / National Transport Authority	2015-20		Part-co-funding envisaged from TEN-T.	Sustainability Cross Border	CEF Pre-identified
IE12	RAIL	Dublin	Works	City centre link to Dublin Airport/Swords (could be rail or bus rapid transit)	Irish Rail / National Transport Authority	Post 2020		Part-co-funding envisaged from TEN-T.		
IE13	RAIL	Dublin & national	Works	DART Underground (DU) Programme consists of: 1) an underground tunnel between Docklands & Inchicore; 2) related sub-projects: City Centre Re-signalling; new Centralised Traffic Control Centre; electrification on Northern, Maynooth & Kildare lines, re-signalling and elimination of level crossings in Maynooth line; Kildare Route Project Phase 2; expansion of DART fleet & depot facilities	Irish Government (DTTAS) Irish Rail/ National Transport Authority	Not known due to costs and requirement for approvals at highest levels of Government	4,000.0	Co-funding envisaged from TEN-T, EIB & PPP	Bottleneck Missing Link Interoperability Sustainability	CEF Pre-identified
IE14	RAIL	Dublin (Balbriggan)/cross-border	Study	Full electrification of the Dublin-Belfast line	Irish Government (DTTAS), Irish Rail / National Transport Authority	Post 2018		Part-co-funding envisaged from TEN-T.	Sustainability Cross Border	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
IE15	RAIL	Dublin (Balbriggan)/cross-border	Works	Full electrification of the Dublin-Belfast line	Irish Government (DTTAS), Irish Rail / National Transport Authority	Post 2020		Part-co-funding envisaged from TEN-T.		
IE16	RAIL	Greater Dublin Area/National	Works	Electrification of the DART on the Kildare line (sub-project of DU)	Irish Rail / National Transport Authority	Post 2020		Part-co-funding envisaged from TEN-T.		CEF Pre-identified
IE17	RAIL	Maynooth Line	Study + Works	Removal of level crossings, resignalling & electrification (sub-project of DU)	Irish Rail / National Transport Authority	Some work underway, remainder post-2018		Part-co-funding envisaged from TEN-T.		CEF Pre-identified
IE18	ROAD	M7 - M50 Naas (IE)	Works	M7 M50 - Naas Motorway Upgrade	National Roads Authority (NRA)	-	160.0	Part-co-funding envisaged from TEN-T.	Bottleneck	
IE19	ROAD	National	IT system	ITS and SESAR	NRA, IAA,	Not known.		Part-co-funding envisaged from TEN-T.		
IE20	WATER	Cork (IE)	Works	Further development of Port of Cork Masterplan	Port of Cork Company	Post 2020	60.0	Part-funding envisaged from TEN-T.	Cross Border	CEF Pre-identified
IE21	WATER	Dublin (IE)	Works	New Deepwater Berth	Port of Dublin	Studies underway		Part-funding envisaged from TEN-T.	Cross Border	CEF Pre-identified
IE22	WATER	Dublin (IE)	Works	New RoRo Facility	Port of Dublin	Studies starting in 2016		Part-funding envisaged from TEN-T.		CEF Pre-identified

Luxembourg – Set 1: Projects starting before 2020.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
LU1	RAIL	Bettembourg railway station	Works	Bettembourg railway station - Modification of fixed installations - Construction of a new signal box - Modernisation of fixed installations of the marshalling yard Bettembourg-Dudelange	CFL	2013-2022	507.4	State funding, EU funding		
LU2	RAIL	Bettembourg/Dudelange intermodal terminal	Works	Construction of a new bimodal terminal (rail/road) in Bettembourg/Dudelange	CFL	2014-2017	220.0	State funding, EU funding		
LU3	RAIL	Howald	Works	Construction of a new peripheral railway station in Luxembourg-Howald	CFL	2014-2025	294.4	State funding, EU funding	Intermodality Cross Border	
LU4	RAIL	Luxembourg railway station	Works	Luxembourg railway station: - Modification of fixed installations. - Construction of a signal box - Construction of a new storage yard - Modernisation of the electric traction installations	CFL	2013-2020	554.3	State funding, EU funding	Cross Border	
LU5	RAIL	Luxembourg-Kleinbettingen/Bettembourg rail axis	Study + Works	EuroCap-Rail : Phase 2 : Modernisation of the Luxembourg-Kleinbettingen railway line Re-electrification (25000 Volts) of the railway line : 49 400 000 € Re-electrification of the railway line : lifting of bridge at pk 17,030 in Kleinbettingen : 950 000 € Re-electrification of the railway line : lifting of bridge at pk 9,984 in Mamer : 7 100 000 € Re-electrification of the railway line : lifting of bridge at pk 8,913 in Mamer-Lycée : 3 350 000 € - Phase 3 : Modernisation of the Luxembourg-Kleinbettingen railway line, railway stations and rail structures	CFL	Phase 2 : 2013-2017 Phase 3 : 2019-... Bettembourg - Luxembourg : 2013-2020	602.1	State funding, EU funding	Bottleneck Interoperability Cross Border	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
				: 328 482 000 € - Construction of a new railway line between Bettembourg and Luxembourg : 212 804 000 € International passenger traffic will be affected to the new line.						
LU6	RAIL	Rodange-Esch/Alzette-Bettembourg rail axis	Works	Railway line Rodange-Esch/Alzette-Bettembourg/border : - Modernisation of Differdange station - Modernisation of fixed installations in Differdange station - Removal of level crossings - Reconstruction of the rail stop of Obercorn - Modernisation of fixed installations in Belval-Usines station - Modernisation of Schifflange station	CFL	2014-2020	133.5	State funding, EU funding		

Luxembourg – Set 2: Projects starting after 2020 or with missing information.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
LU7	ROAD	A1 from Luxembourg to Germany	Study	Modernisation of a bridge on motorway A1 from Luxembourg to Germany	n.a.	n.a.		State funding, EU funding		
LU8	ROAD	A3/A31 between Luxembourg and Metz	Study	Construction of 2 more lanes on the motorway section between Luxembourg (LU) and Metz (F)	n.a.	2015		State funding, EU funding		
LU9	ROAD	Berchem highway station (A3/E25)	Study	Construction of a new parking for trucks with an Intelligent Parking System at the highway station of Berchem (A3/E25)	n.a.	n.a.		State funding, EU funding		

Netherlands – Set 1: projects starting before 2020.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
NL1	MULTI	Venlo	Works	Increase of multimodal logistic platform Venlo (increase Railterminal and Barge Terminal)	Provincie Limburg/ gemeente Venlo/private parties/ Tradeport Nord	2016 (Barge terminal realisation) 2017 (Rail terminal realisation)	75.0	to be decided by national government and the region (12 November 2014)	Bottleneck Cross Border	
NL2	RAIL	Amsterdam	Works	Increase capacity of railway station Amsterdam South. Improve road and immediate junctions.	Rijkswaterstaat	2013 - 2028 (segments will be finished earlier)	994.0		Bottleneck	
NL3	RAIL	Rotterdam Port (europort) - Zwijndrecht	Study	Caland railway bridge, upgrade, new construction or diverting route	MoT & Port or Rotterdam	2015-2020	420.0	Reservation in national budget up to 157 million. Whether or not Port of Rotterdam contribution is dependent on which option is used.	Bottleneck Last Mile	CEF Pre-identified for RALP
NL4	RAIL	Rotterdam Port (europort) - Zwijndrecht	Works	Upgraded along port railway line (junctions and shunting yards).	MinlenM	2013- before 2020	280.0	MinlenM (MoT)	Bottleneck Last Mile	CEF Pre-identified for RALP
NL5	RAIL	Rotterdam- Antwerp; Amsterdam - Rotterdam	Works	ERTMS deployment plan. Infrastructure + Rolling stock	Prorail	2014-2020	50.0	MinlenM (MoT)	Interoperability Cross Border	CEF Pre-identified
NL6	RAIL	Terneuzen-Ghent	Study + Works	New rail infrastructure to improve hinterland rail connection	Zeeland Seaports	Study 2014/2015; Work after 2016	80.0	Work: Intention for Ten-T aid, no central government aid; Study: to be decided		

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
NL7	RAIL	Vlissingen - Antwerpen	Study + Works	New rail infrastructure to improve hinterland rail connection	Province of Zeeland / Zeeland Seaports	Study 2014/2015; Work after 2020	200.0	Work: Intention for Ten-T aid, no central government aid; Study: to be decided		
NL8	RAIL	Vlissingen-Moerdijk; Utrecht-Geldermalsen;	Works	ERTMS deployment plan. Infrastructure + Rolling stock	Prorail	2014-2020	75.0	MinlenM (MoT)		
NL9	ROAD	A27 Houten-Hooipolder	Works	New infrastructure to relieve bottlenecks, or upgrading current infra on corridor from Breda to Utrecht.	Rijkswaterstaat	2019-2023/2025	787.0		Bottleneck	
NL10	ROAD	Amsterdam	Study	A10 Separate local from long-distance traffic.	Rijkswaterstaat	2017-2028	332.0		Bottleneck	
NL11	ROAD	Amsterdam	Works	Traffic congestion (A9 junction).	Rijkswaterstaat	2013-2017	336.0		Bottleneck	
NL12	ROAD	Rotterdam	Study	A4 New infrastructure to relieve bottlenecks, or upgrading current infra.	Rijkswaterstaat	2017-2022	440.0			
NL13	ROAD	Rotterdam	Works	Blankenburg Tunnel	Rijkswaterstaat	2017-2022/2024	1,154.0			
NL14	ROAD	Rotterdam	Works	North eastern Rotterdam Bypass to connect the A13 and A16 motorways.	Rijkswaterstaat	2017-2021	964.0			
NL15	ROAD	Utrecht	study	Construction northern route (Noordelijke Randweg Utrecht)	Rijkswaterstaat	2018 - 2026	213.0		Bottleneck	
NL16	ROAD	Utrecht	study	Increase capacity A12. Different solutions under study (A27/A12 Ring Utrecht)	Rijkswaterstaat	2018 - 2024/2026	1,120.0		Bottleneck	
NL17	ROAD	Utrecht - Arnhem	Works	A12 One more lane (in both directions)	Rijkswaterstaat	2015 - 2016	110.0		Bottleneck	
NL18	WATER	Amsterdam - Utrecht - Rotterdam	Works	Projects regarding Lek canal: Increase capacity of Princess Beatrix Lock and Widen the Lek canal	Rijkswaterstaat	2016 - 2020	233.0	Intention for TEN-T aid	Bottleneck	Regarding Princess Beatrix Lock: CEF Pre-identified for NS Baltic

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
NL19	WATER	Dordrecht - Emmerich	Works	Future vision Waal. Short term dredging to extend the dimensions. Finding a long term geological solution. Finally increasing the number of mooring places.	Rijkswaterstaat	2006 - 2021 (segments will be finished earlier)	131.0	Intention for TEN-T aid cross border project Lobith) This part is not under construction yet!	Bottleneck Cross Border	CEF Pre-identified for RALP
NL20	WATER	Ijmuiden - Amsterdam	Works	Amsterdam lock: build of a new lock to increase port handling capacity and safety. Furthermore to comply with larger dimensions of vessels.	Rijkswaterstaat	2015-2019	891.0	Intention for TEN-T aid	Bottleneck Intermodality	CEF Pre-identified for NS Baltic
NL21	WATER	Ijmuiden - Amsterdam	Study	New location for transshipment; lock, Averijhavendepot.	Rijkswaterstaat	2014-2017	65.0		Intermodality	
NL22	WATER	Maasroute	Works	Maasroute phase 2	Rijkswaterstaat	2014-2018	80.0	Intention for TEN-T aid	Bottleneck Cross Border	Part of Maaswerken; CEF Pre-identified
NL23	WATER	Moerdijk	Study	Study to prepare the construction of a Rail Service Centre at Port of Moerdijk to improve interconnectivity between sea, rail and inland waterway transport	Port of Moerdijk	2014-2018	0.5	Intention for TEN-T aid	Intermodality Last Mile Cross Border	
NL24	WATER	Rotterdam	Works	Container Logistics Maasvlakte (CLM) - logistical solutions of combining cargo in order to create full trains and reduce turnaround times and nr of calls.	Port of Rotterdam	2015-2017	125.0	To be decided; decision will be made by end of November 2014	Bottleneck	
NL25	WATER	Rotterdam	Works	Deepening of the Nieuwe Waterweg to ensure nautical accessibility	Port of Rotterdam	2016-2017	24.0	Port of Rotterdam		
NL26	WATER	Rotterdam-Gorinchem	Study	Increase the number of mooring locations	Rijkswaterstaat	2016 - 2017	29.0		Bottleneck	
NL27	WATER	Scheldt river	Study + Works	Improvement of nautical accessibility Port of Vlissingen	Zeeland Seaports	2014 – 2018	30.0	Work: Intention for Ten-T aid, no central government	Bottleneck	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
								aid; Study: to be decided		
NL28	WATER	Terneuzen	Works	New lock in Terneuzen	Vlaams Nederlandse Schelde Commissie (VNSC)	2015-2021	930.0	State funding (The Netherlands, Flanders region), EU funding	Bottleneck Intermodality Sustainability Cross Border	CEF Pre-identified
NL29	WATER	Tilburg	Works	Wilhelmina Canal phase 1.5	Municipality Tilburg and Province of Noord-Brabant	2015-2017	22.9	financed by the local authority, the province and private canal related companies.		
NL30	WATER	Volkerak	Works	Options for increasing traffic throughput in Volkeraklock, Kreekaklock, and Krammerlock.	Rijkswaterstaat	2014-2015 (quick wins option). 2024-2026, fourth lock chamber	157.0		Bottleneck Intermodality Cross Border	CEF Pre-identified

Netherlands – Set 2: projects starting after 2020, projects nearing completion, and projects with missing information.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
NL31	MULTI	Born	Study	Rail connection VDL Nedcar with connection to barge terminal Born: multimodal connection of VDL Nedcar	Gemeente Sittard-Geleen/provincie Limburg	2015 - study		Gemeente Sittard-Geleen/provincie Limburg		
NL32	MULTI	Venlo	Works	Planning study for Greenport Venlo Rail Terminal (Venlo, Holland)	Trade Port Noord CV	2013-2014	1.4	Co-financing from TEN-T		
NL33	RAIL	Amsterdam	Works	Increase capacity/reliability of railway station Amsterdam Central for both rail freight and rail passenger transport	MinlenM (MoT)	-	431.0	MinlenM (MoT)		
NL34	ROAD	A2 't Vonderen-Kerensheide	Works	New infrastructure to relieve bottlenecks, or upgrading current infra on corridor Eindhoven - Maastricht.	MinlenM	2022-2025/2027	256.0			
NL35	ROAD	Amsterdam	Works	Construct parallel tunnel, Coentunnel	Rijkswaterstaat	2013 - 2014	2,196.0			
NL36	ROAD	Eindhoven	Study	Increase capacity on A67	Rijkswaterstaat/ Provincie Noord Brabant/Provincie Limburg	not yet decided		not yet decided		
NL37	ROAD	InnovA58 (part St. Annabosch-Gelder and part Tilburg-Eindhoven)	Works	New infrastructure to relieve bottlenecks, or upgrading current infra on east-west corridor of A58.	MinlenM	2023-2026/2028	433.0		Bottleneck	
NL38	ROAD	Rotterdam	Works	Maasvlakte-Vaanplein. A15 motorway upgrade. Includes Botlek bridge.	Rijkswaterstaat	2011-2015	2,031.0		Bottleneck	
NL39	ROAD	Schiphol-Almere-Amsterdam (part A6 Almere, part A9 Amstelveen)	Works	New infrastructure to relieve bottlenecks, or upgrade current infra in Amsterdam region.	Rijkswaterstaat	2021-2024/2026	992.0		Bottleneck	
NL40	ROAD	Venlo	Study + Works	Increase parking capacity on A67	MinlenM/RWS	not yet decided		not yet decided		
NL41	ROAD	Zaandam -	Works	Extra peak hour lane junction	Rijkswaterstaat	2014 -	25.0			

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
		Amsterdam		Coenplein		2015				
NL42	WATER	Amsterdam	Study	Phase 2 Implementation study to prepare the start of the PPP procurement to improve maritime access to the TEN-T network at Amsterdam	MinlenM	2013-2014	5.4	Co-financing from TEN-T		
NL43	WATER	Beatrix Locks on Lek Canal.	Study	Implementation study eliminating the major bottlenecks in the Amsterdam - Rotterdam - Antwerp corridor	Rijkswaterstaat	2012-2014	4.3	Co-financing from TEN-T		
NL44	WATER	Geheel Nederland	Works	Subsidieregeling Quick Wins Binnenhavens	MinlenM	2008-2015	162.0			
NL45	WATER	Geheel Nederland	Study + Works	Verbeterprogramma Waterkwaliteit	MinlenM	2009-2015	570.0			
NL46	WATER	Gouwe	Works	Construction of a second lock chamber lock Gouda	Provincie Zuid-Holland	2012-2014	50.0			
NL47	WATER	Ijmuiden - Amsterdam	Works	Upgrade traffic management system Noordzeekanaal	Rijkswaterstaat	2010 - 2014	26.0			
NL48	WATER	Maasroute	Works	Maasroute, Upgrade of Inland Waterways from class Va to class Vb specifications.	Rijkswaterstaat	2007-2014	373.0	Co-financing from TEN-T		Part of Maaswerken; CEF Pre-identified
NL49	WATER	Maas-Veghel	Works	Re-route and Upgrade Zuid-Willemsvaart	MinlenM	2010-2015	452.0			
NL50	WATER	Moerdijk	Study	Traffic management system Hollandsch Diep-Dordtsche Kil	Rijkswaterstaat	2025-2027	10.0			
NL51	WATER	NL	Study	LNG Masterplan for Rhine-Main-Danube 2012-EU-18067-S		2011 – ongoing	80.0	50% Co-financing from TEN-T		
NL52	WATER	NL	Study	Study on RIS enabled IWT corridor management		2013 - 2015	2.8	50% Co-financing from TEN-T		
NL53	WATER	Ternaaien	Works	Construction of a fourth lock chamber.		2011-2015		Financed in partnership between Belgium and Netherlands.		

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
NL54	WATER	Tilburg	Works	Wilhelmina Canal Tilburg - phase 1	MinlenM (MoT)	2005 - 2016	79.0	financed by the government, the local authority, the province and private canal related companies.		

UK – Set 1: projects starting before 2020.

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
UK1	MULTI	Belfast	Works	Improvements in terms of capacity requirements for road and rail traffic , alleviation of bottlenecks and the promotion of cross-border connectivity.	Dept. for Regional Transport Northern Ireland	2016	110.0	State Funding	Bottleneck Intermodality Cross Border	CEF Pre-identified
UK2	RAIL	Edinburgh - Glasgow	Works	Electrification of the key routes to improve connections between key nodes, remove bottlenecks and reduce carbon emissions.	Network Rail	2012-2019	346.0	State Funding	Bottleneck Interoperability Sustainability	CEF Pre-identified
UK3	RAIL	Felixstowe-Nuneaton	Works	Improvements to increase the gauge and overall capacity of this important freight route. Will enhance capacity, remove bottlenecks and reduce CO2 emissions.	Network Rail	2012-2019	850.0	State Funding	Bottleneck Interoperability Sustainability	CEF Pre-identified
UK4	RAIL	North West England	Works	Northern Hub: Installation of or improvements to electrification and capacity developments. Will remove bottlenecks and support economic growth.	Network Rail	2019	1,580.0	State Funding	Bottleneck Interoperability	CEF Pre-identified
UK5	RAIL	Stafford	Works	To address capacity and performance constraints in the Stafford area and remove bottlenecks.	Network Rail	2014-2017	265.0	State Funding	Bottleneck	
UK6	RAIL	West Coast Main Line: North Wembley to Great Strickland	Works	Power supply upgrade to increase capacity and reliability and reduce carbon emissions.	Network Rail	2014-2017	276.0	State Funding	Interoperability Sustainability	
UK7	RAIL	West coast main line: Southampton via Reading & Oxford.	Works	Major north-south rail electrification and capacity enhancement to improve capacity and remove bottlenecks.	Network Rail	2016	54.0	State Funding	Bottleneck Interoperability Sustainability	CEF Pre-identified

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
UK8	ROAD	Belfast	Works	Improve accessibility between the Westlink and the M2 and M3 with a grade-separated junction in central Belfast and remove one of the last remaining bottlenecks on the Core Network/Corridor in Northern Ireland.	Dept. for Regional Transport Northern Ireland	2017	165.0	State Funding	Bottleneck Last Mile	
UK9	ROAD	Birmingham	Works	Improve the M6 by making it a "smart motorway" between junctions 10a and 13 to provide additional capacity via the hard shoulder.	Highways Agency	Underway – 2015/16	128.0	State Funding	Bottleneck	
UK10	ROAD	Central Scotland	Works	The M8 M73 M74 Motorway Improvements project involves constructing 10km of new M8 motorway and a new A8 trunk road, major improvements on the M74 and widening of sections of motorway to improve connectivity through the Central Scotland motorway network. The will reduce congestion and improve journey times and safety.	Transport Scotland	2013/14-2017/18	631.0	Non-Profit Distributing Model (State Funding, Private Funding, EIB)	Bottleneck	
UK11	ROAD	Chertsey to Farnborough	Works	Improvements to the M3 by making it a "smart motorway" between junctions 2 and 4a (13.4 miles / 21.6km). This will enhance capacity.	Highways Agency	Underway – 2015/16	218.0	State Funding	Bottleneck	
UK12	ROAD	Kettering	Works	Widening the A14 J7-9 Kettering bypass by providing an extra lane in each direction.	Highways Agency	Underway – 2015/16	53.0	State Funding	Bottleneck	

ID	Transport mode	Location	Studies or work	Description of project	Project promoter	Timing	Costs in MEUR	Financing sources	Critical issue	CEF pre-identified section
UK13	ROAD	Newry	Works	A high standard southern relief road linking Warrenpoint Harbour to the A1 TEN-T Core Corridor to national and cross-border destinations such as Belfast, Warrenpoint Harbour and Dublin. Improve journey times and road safety and significantly reduce congestion.	Dept. for Regional Transport Northern Ireland	2016	265.0	State Funding	Bottleneck Last Mile Cross Border	
UK14	ROAD	North East London	Works	Improve capacity on M25 Junction 30 and in particular the A13 through Junction 30 and to the junction with the A126, to address capacity constraints on the development of the lower Thames Valley.	Highways Agency	2014/15 - 2017/18	129.0	State Funding	Bottleneck	