



# Overview of MoS projects and CEF funding opportunities

*Innovation and Networks Executive Agency  
Unit C1 - Transport: Baltic Sea, MoS and ERTMS*

*Jarek Kotowski – Senior Project Manager*

MoS Cluster Event  
Liverpool, 20-21 May 2015



# Overview

- *The relation of MoS to the Core Network Corridors and European Coordinator's defined priorities*
- *The MOS Wider benefit/Safety - Human element - ICT information systems projects*
- *The MOS Links/intermodal connections projects*
- *The MOS Wider benefit/ Protection of the environment - sustainable shipping projects*
- *Current calls and Funding opportunities*

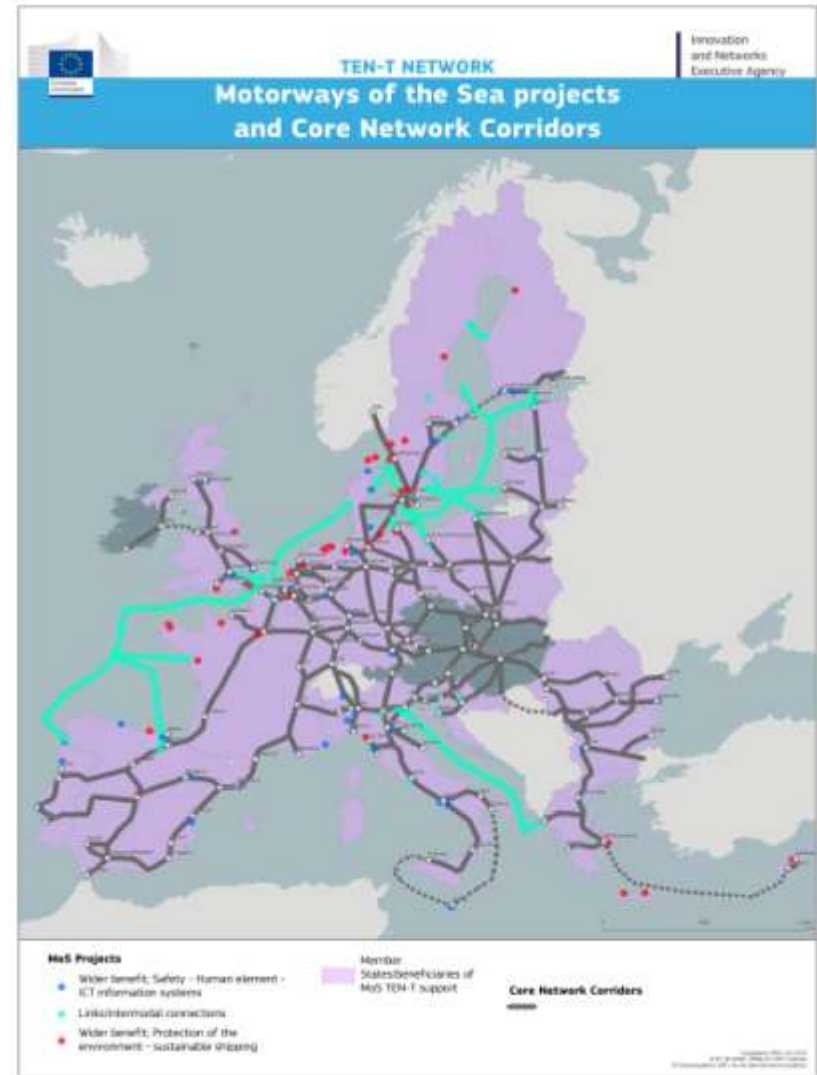
## Unit C1: The 47 MOS projects

Number of completed projects: 15

Number of ongoing projects: 30

Total investments: €M 1,486.6

Total EU funding: €M 368.3





European  
Commis

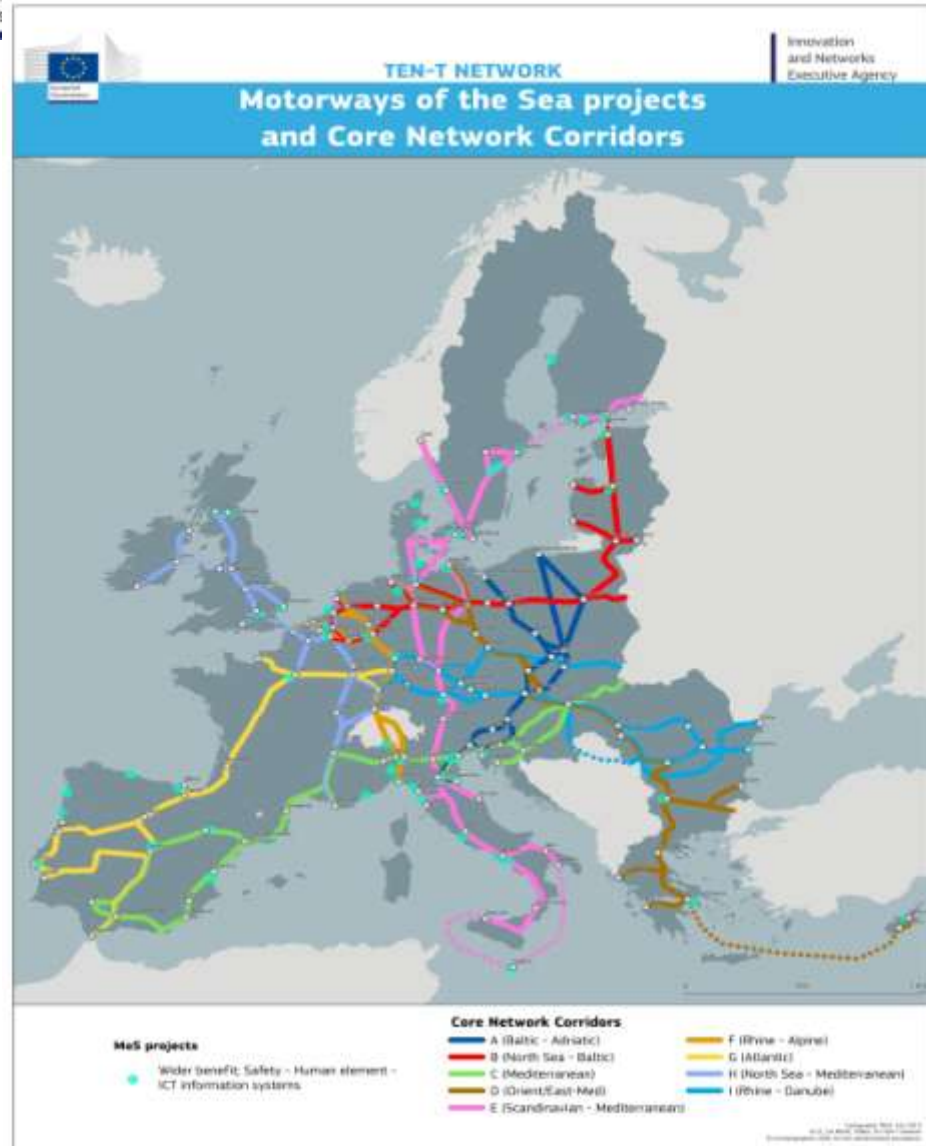
## Unit C1: The MOS Wider benefit/Safety - Human element - ICT information systems projects

Number of completed  
projects: 6

Number of ongoing  
projects: 6

Total investments: €M  
275.1

Total EU funding: €M 97.6



# The MOS Wider benefit/Safety - Human element - ICT information systems projects

Project Code	Title	Initial total costs (€ M)	Initial TEN-T funding (€ M)
2010-EU-21101-S	MoS 24 - ICT based Co-modality Promotion Center for integrating PP24 into Mediterranean MoS	4.9	2.5
2010-EU-21102-S	Monitoring and Operation Services for Motorways of the Sea (MOS4MOS)	5.6	2.8
2010-EU-21105-S	MIELE	16.0	8.0
2010-EU-21106-S	ITS Adriatic multi-port gateway	2.9	1.4
2010-EU-21109-S	MonaLisa	22.5	11.2
2012-EU-21007-S	MONALISA 2.0	24.3	12.2
2011-EU-21004-S	TrainMoS	2.5	1.3
2012-EU-21008-M	Winter Navigation Motorways of the Sea, WINMOS	139.2	29.7
2012-EU-21019-S	ANNA - Advanced National Networks for Administrations	37.1	18.5
2012-EU-21020-S	Business to Motorways of the Sea	11.4	5.7
2012-EU-21021-S	WiderMoS	5.9	3.0
2013-EU-21012-S	TRAINMOS II	2.8	1.4
<b>Grand Total</b>		<b>275.1</b>	<b>97.6</b>

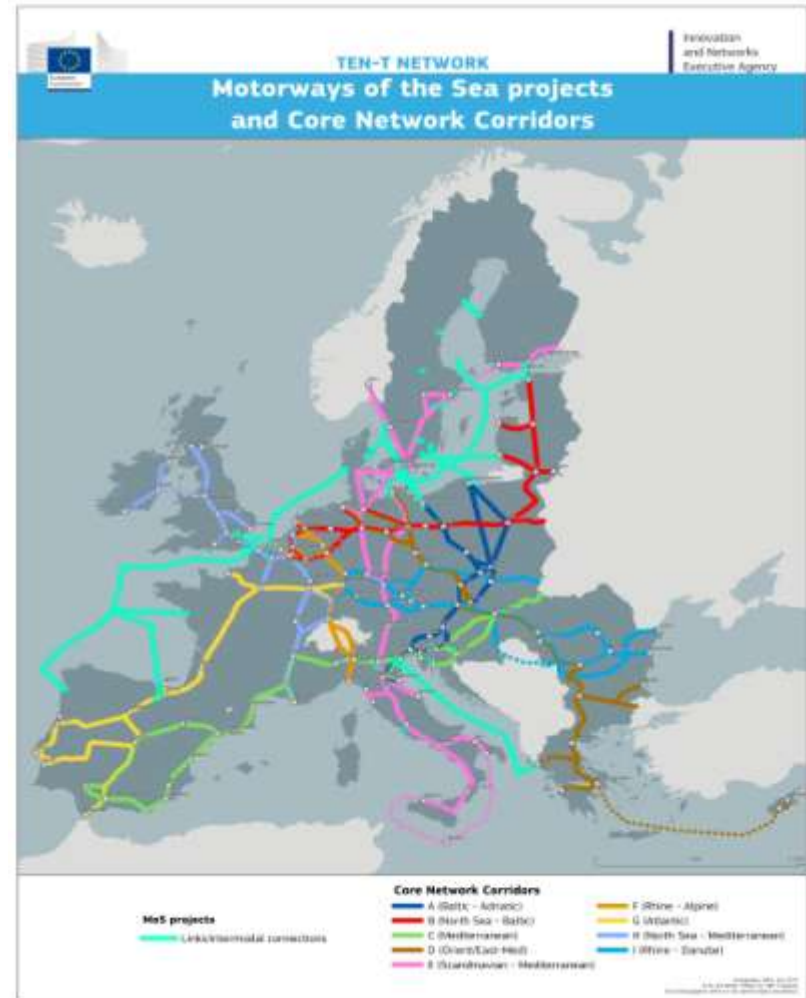
## Unit C1: The MOS Links/intermodal connections projects

Number of completed  
projects: 6

Number of ongoing  
projects: 8

Total investments: €M  
695.3

Total EU funding: €M 125.4

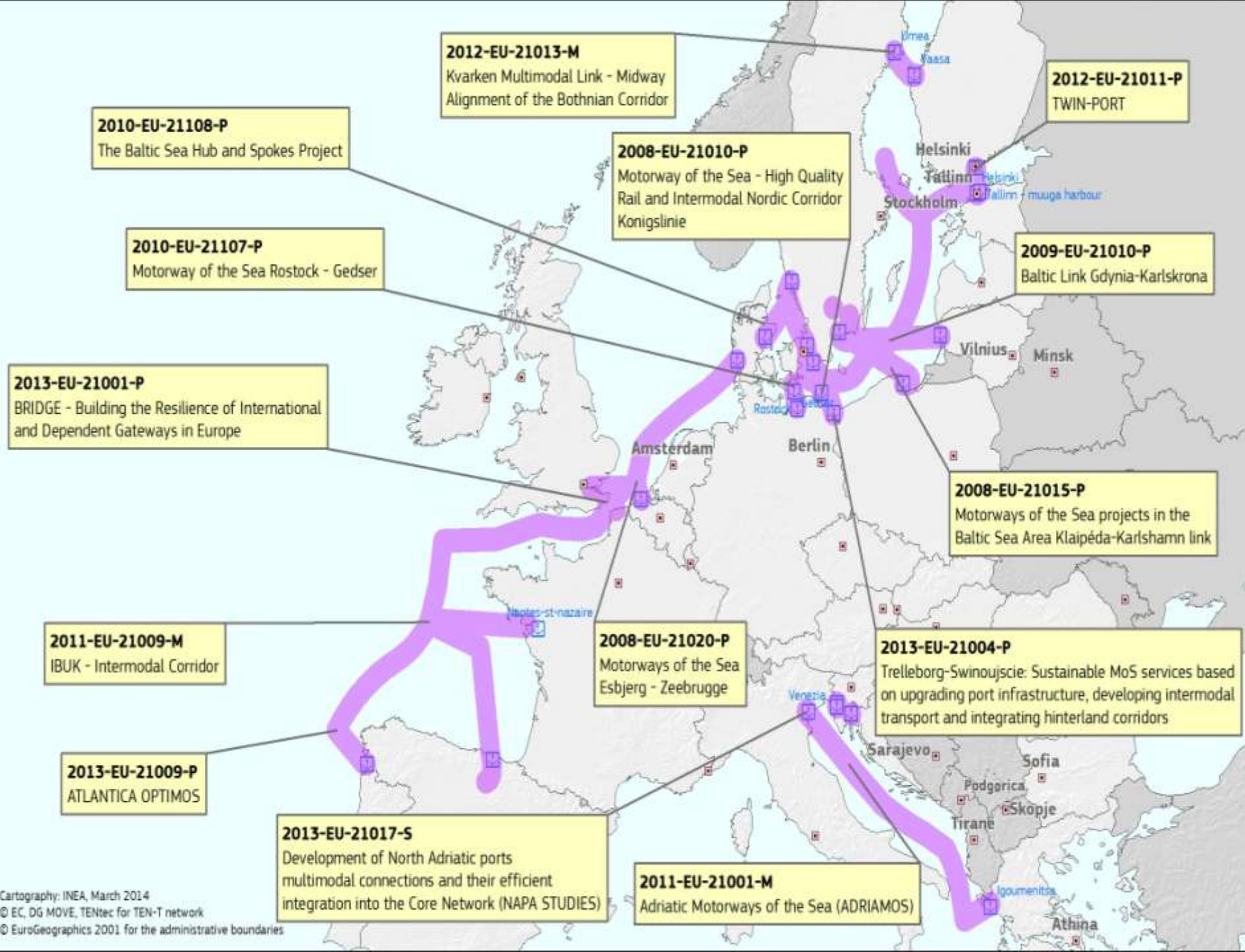




# The MOS Links/intermodal connections projects

Project Code	Title	Initial total costs (€ M)	Initial TEN-T funding (€ M)
2008-EU-21010-P	Motorway of the Sea - High Quality Rail and Intermodal Nordic Corridor Konigslinie	13.5	2.8
2008-EU-21015-P	Motorways of the Sea projects in the Baltic Sea Area Klaipéda-Karlshamn link	22.2	4.5
2008-EU-21020-P	Motorways of the Sea Esbjerg - Zeebrugge	16.9	3.3
2009-EU-21010-P	Baltic Link Gdynia-Karlskrona	85.5	17.1
2010-EU-21107-P	Motorway of the Sea Rostock - Gedser	111.8	22.4
2010-EU-21108-P	The Baltic Sea Hub and Spokes Project	172.6	15.8
2011-EU-21001-M	Adriatic Motorways of the Sea (ADRIAMOS)	56.7	12.2
2011-EU-21009-M	IBUK – Intermodal Corridor	32.0	7.3
2012-EU-21011-P	TWIN-PORT	56.3	11.3
2012-EU-21013-M	Kvarken Multimodal Link - Midway Alignment of the Bothnian Corridor	20.6	6.1
2013-EU-21001-P	BRIDGE - Building the Resilience of International & Dependent Gateways in Europe	72.0	14.2
2013-EU-21004-P	Sustainable Trelleborg-Swinousjcie MoS services based on upgrading port infrastructure, developing intermodal transport and integrating hinterland corridors	10.9	2.0
2013-EU-21017-S	Development of North Adriatic ports multimodal connections and their efficient integration into the Core Network (NAPA STUDIES)	5.6	2.8
2013-EU-21009-P	ATLANTICA OPTIMOS	18.1	3.6
<b>Grand Total</b>		<b>695.3</b>	<b>125.4</b>









European  
Commission

## Unit C1: The MOS Wider benefit/protection of the environment – sustainable shipping projects

Number of completed  
projects: 3

Number of ongoing  
projects: 16

Total investments: €M  
516.2

Total EU funding: €M 145.3





# The MOS Wider benefit/protection of the environment – sustainable shipping projects

Project Code	Title	Initial total costs (€ M)	Initial TEN-T funding (€ M)
2010-EU-21112-S	LNG infrastructure of filling stations and deployment in ships	26.8	9.6
2011-EU-21005-S	LNG in Baltic Sea Ports	4.8	2.4
2011-EU-21007-S	COSTA	3.0	1.5
2011-EU-21010-M	Green Bridge on Nordic Corridor	84.6	19.8
2012-EU-21003-P	LNG Rotterdam Gothenburg	171.36	34.3
2012-EU-21006-S	SEAGAS	2.0	1.0
2012-EU-21009-M	LNG Bunkering Infrastructure Solution and Pilot actions for Ships operating on the Motorway of the Baltic Sea	74.5	23.1
2012-EU-21010-S	PILOT SCRUBBER – New Generation Lightweight Pilot Scrubber Solution installed on a Ro-Ro Ship operating on the Motorway of the Baltic Sea	13.5	6.8
2012-EU-21017-S	Methanol: The marine fuel of the future	22.5	11.3
2012-EU-21023-S	Sustainable Traffic Machines - On the way to greener shipping	12.9	6.4
2013-EU-21005-P	Channel LNG	26.6	5.3
2013-EU-21007-S	LNG in Baltic Sea Ports II	1.7	0.8
2013-EU-21018-S	Pilot Implementation of a LNG-Propulsion System on a MoS Test Track in the Environmental Model Region 'Wadden Sea'	6.1	3.1
2013-EU-21019-S	Costa II East - Poseidon Med	5.1	2.6
2013-EU-21003-S	Into the future - Baltic So2lution	7.3	3.6
2013-EU-21006-S	Deployment of next generation scrubber technology for clean and sustainable short sea shipping in the North Sea ECA	10.3	5.1
2013-EU-21010-P	Sustainable Traffic Machines II – The green link between Scandinavia and Continental Europe	11.4	2.3
2013-EU-21015-P	Sustainable Motorway of the Sea Ghent-Gothenburg through environmental upgrade and compliance while maintaining competitiveness of short sea shipping	19.0	3.8
2013-EU-21016-P	Sustainable Motorway of the Sea Immingham-Gothenburg through environmental upgrade and compliance while maintaining competitiveness of short sea shipping	12.7	2.5
<b>Grand Total</b>		<b>516.2</b>	<b>145.3</b>





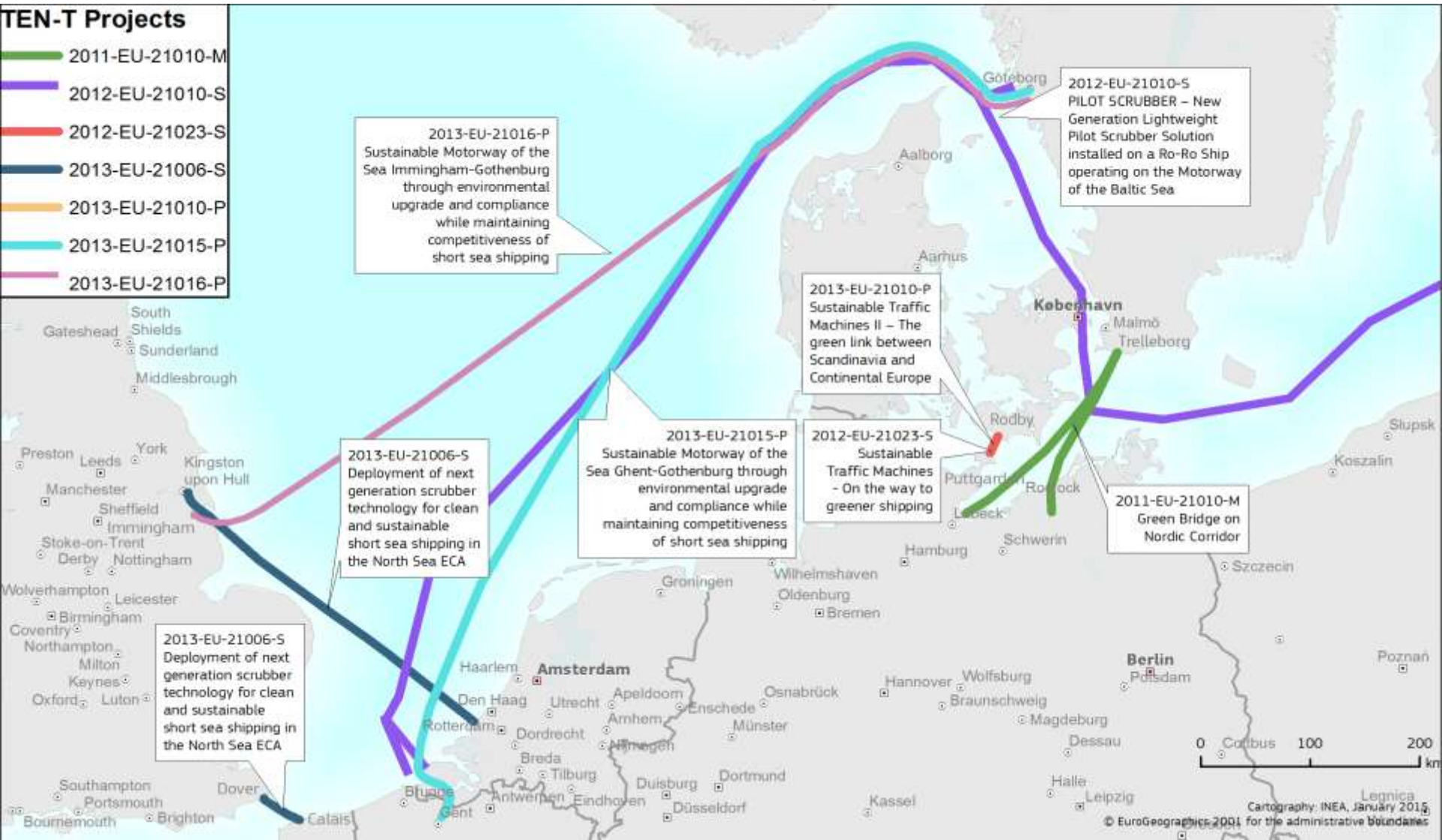


European Commission

# Scrubber projects

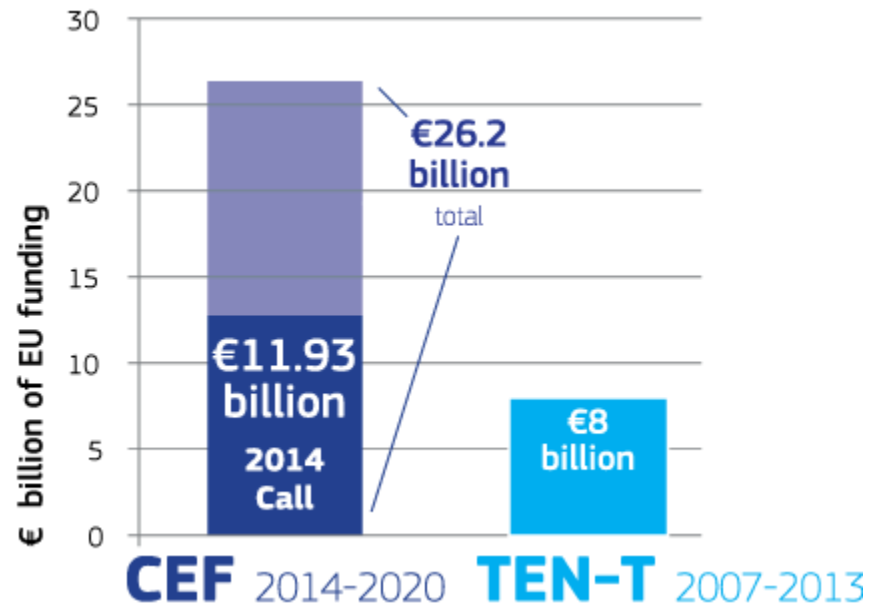
## TEN-T Projects

- 2011-EU-21010-M
- 2012-EU-21010-S
- 2012-EU-21023-S
- 2013-EU-21006-S
- 2013-EU-21010-P
- 2013-EU-21015-P
- 2013-EU-21016-P



0 100 200 km

# Availability of CEF support for transport 2014-2020





# Overview on MoS 1<sup>st</sup> CEF Call

- *Count of Submitted MoS Proposals - 59*
- *Sum of Total Direct Costs 1,814,636,573*
- *Sum of Requested EU Funding 640,637,671*
- *Sum of available EU funding for MoS: 250 M + 100 M*



# Motorways of the Sea - Priorities:

- **(1) Environment**
- ***(2) Integration of Maritime Transport in the Logistics Chain***
- ***(3) Maritime Safety, Traffic Management, Human Element/Training***

# Development of MoS links (works)

***1 core port, 1 comprehensive port and 1 maritime operator involvement as minimum.***

- *only dedicated lines serving the applying ports*
- *Upgrades on vessels are limited to the additional efforts for environmental purposes or ancillary superstructure*
- *Ships to remain in EU for 5 years after end of project*
  
- ***Various investments in ports (incl. superstructure) correlated with the maritime service, necessary to remove bottlenecks or to improve efficiency of the logistic chain on a corridor***
  
- *Intermodal dimension with extension of the service to hinterland preferred*

# Involvement of transport operators (and other stakeholders)

- Direct as project beneficiary, no letter needed
- Indirect through letters of support/intent streamlining the operator's credible commitment to the project
- Recommended letter structure:
  - - role of operator in the project
  - - organisational involvement (e.g. steering committee)
  - - co-operation with other beneficiaries
  - - technical involvement (service operation)
  - - financial capacity to operate service
- Possibility to co-finance costs of organizational involvement with a 50% rate

## What can MoS fund within implementation projects?

- High water protection devices (dikes, breakwaters, locks)
- Lights, buoys, beacons; ramps, jetties, signposting
- Infrastructure and facilities up to the terminal site (for temporary storage of loading units, facilities for drivers, shore side electricity, & waste treatment; terminal handling equipment...)
- Land and sea access to port, including connecting links to the TEN-T or national land transport networks
- ICT infrastructure for eMaritime, administration and customs facilities (VTMIS, reporting and information exchange systems, administrative simplification), etc.
- Waterways and canals to shorten sea routes

# MoS eligibility reminders

- *All types of projects must include applicants from (and be supported by) a minimum of two different Member States*
- *Project extension to a neighbouring non-EU country requires additional governmental endorsement from that country and MS concerned (participation of that third country possible in studies or pilot actions only)*

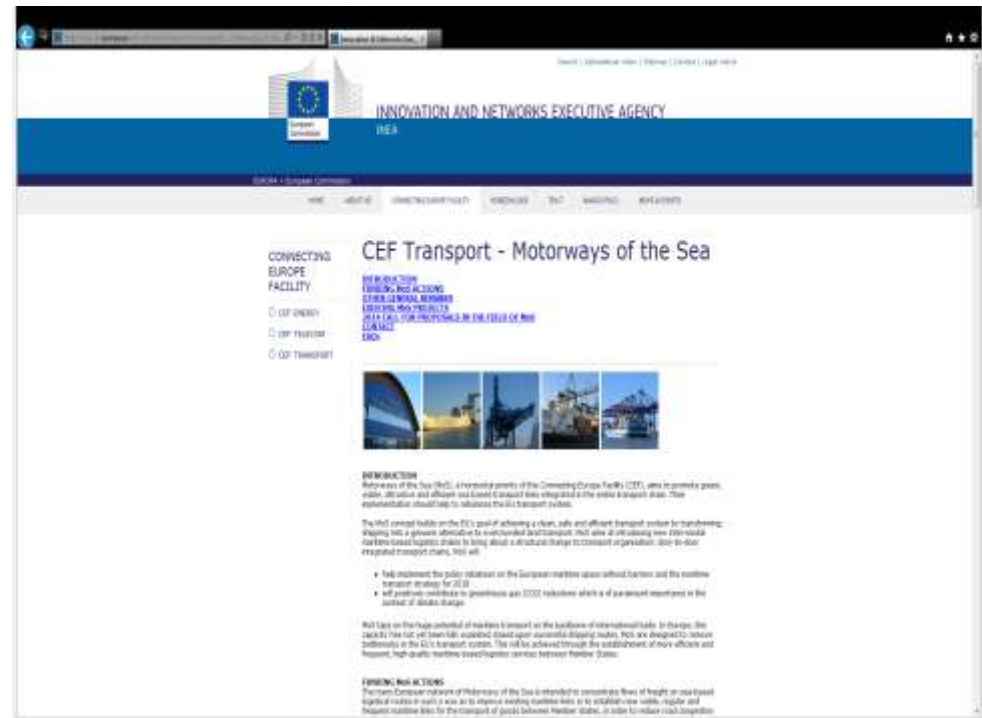
## CEF co-financing for MoS

- *30%* for infrastructure *works* and facilities (implementation projects)
- *50%* for:
  - *entire studies*
  - *study parts* of implementation projects
  - *pilot activities* of studies
- *Up to 85%* for all type of projects in *Cohesion Countries*



# More information about MoS

## INEA website



[http://inea.ec.europa.eu/en/cef/cef\\_transport/cef\\_transport\\_-\\_motorways\\_of\\_the\\_sea.htm](http://inea.ec.europa.eu/en/cef/cef_transport/cef_transport_-_motorways_of_the_sea.htm)



**Thank you for your attention!**