

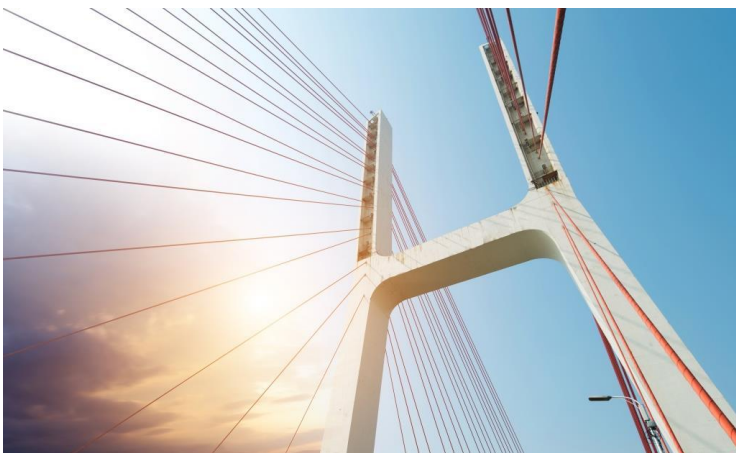
INEA

Innovation and Networks Executive Agency

Making implementation happen



**Motorways of the Sea Priority –
funding options**



INEA in short

- European Commission's **executive agency**
- Implementing EU funding programmes for **transport, energy and telecoms**
- Providing stakeholders with **expertise** and high-level **programme management**
- **Promoting synergies** between the programmes

ec.europa.eu/inea - [@inea_eu](https://twitter.com/inea_eu)

Managing programmes worth €33.6B

2014-2020



Legacy programmes
2007-2013



2000+ projects by
2020

Maritime Actions under CEF overview

112 Projects

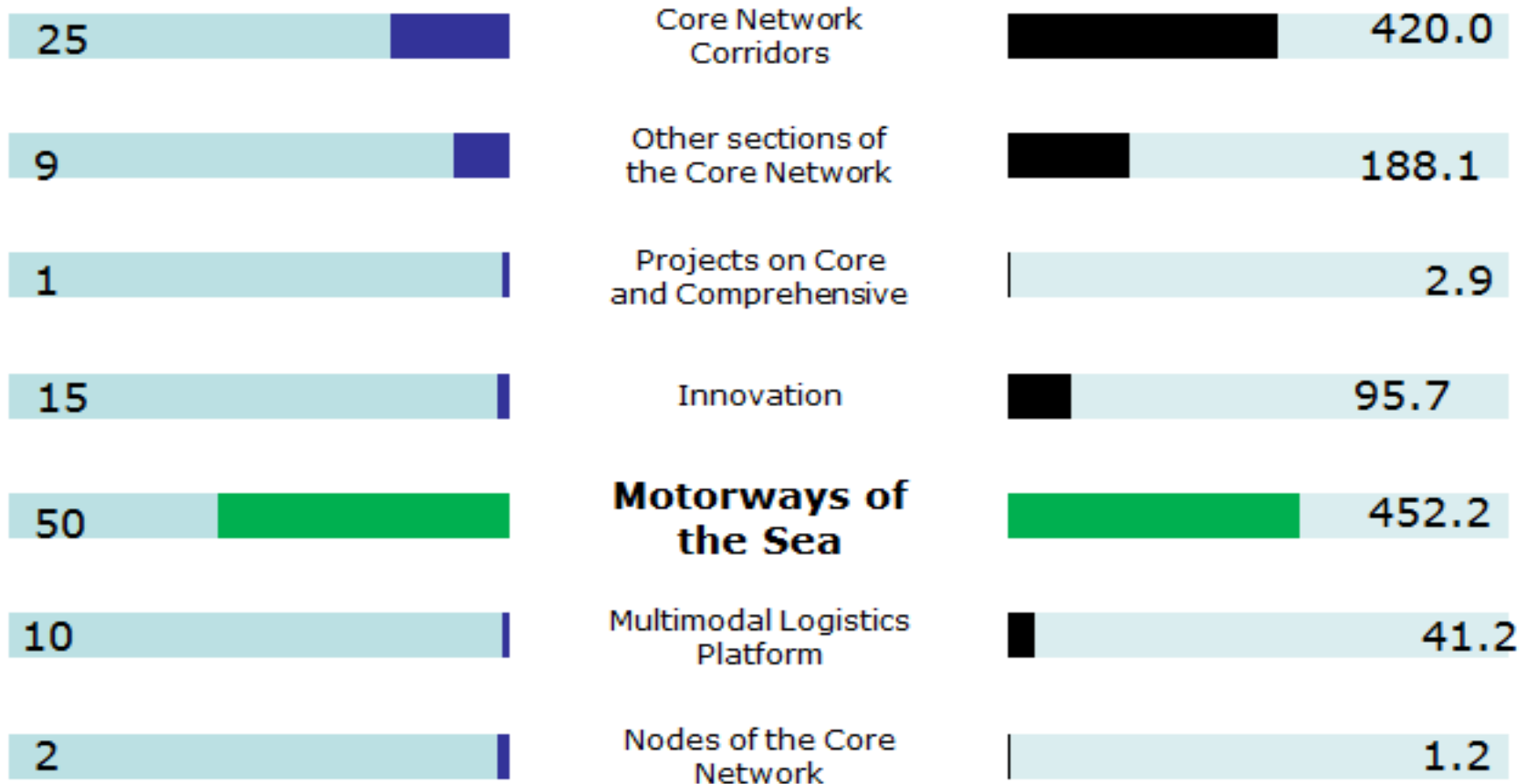
CEF grants:
€1,2 billion

Investments
generated:
€3.4 billion

Maritime Options under CEF programme:

- **Motorways of the Sea (MoS)** – focus on upgrading maritime links, pilot actions and 'wider benefit' actions
- **Maritime Ports** – focus on upgrading ports' infrastructures
- **Innovation & new technologies** – focus on promoting use of alternative fuels

Number of Actions Actual CEF funding (€ million)



CEF co-funding rates

For MoS

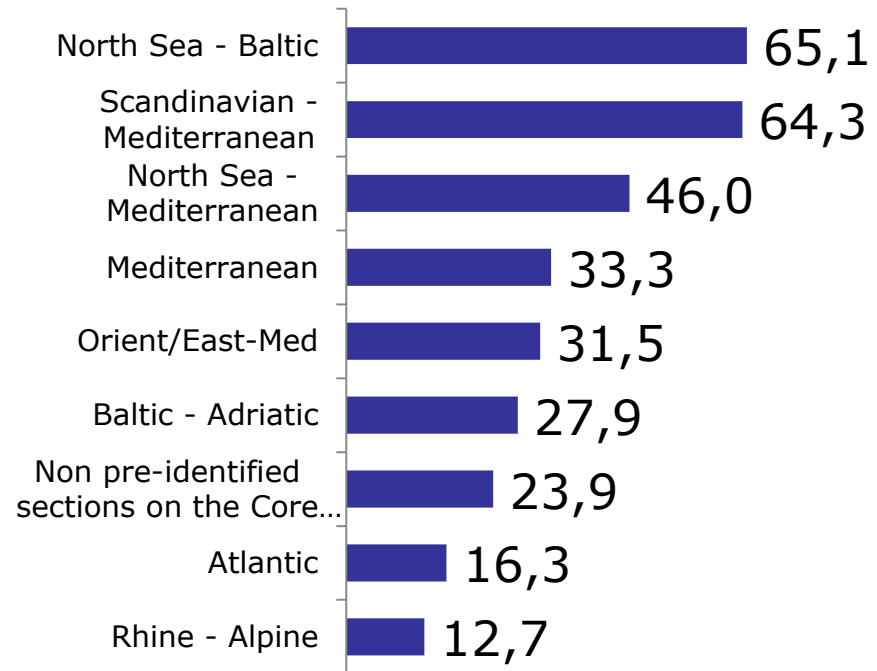
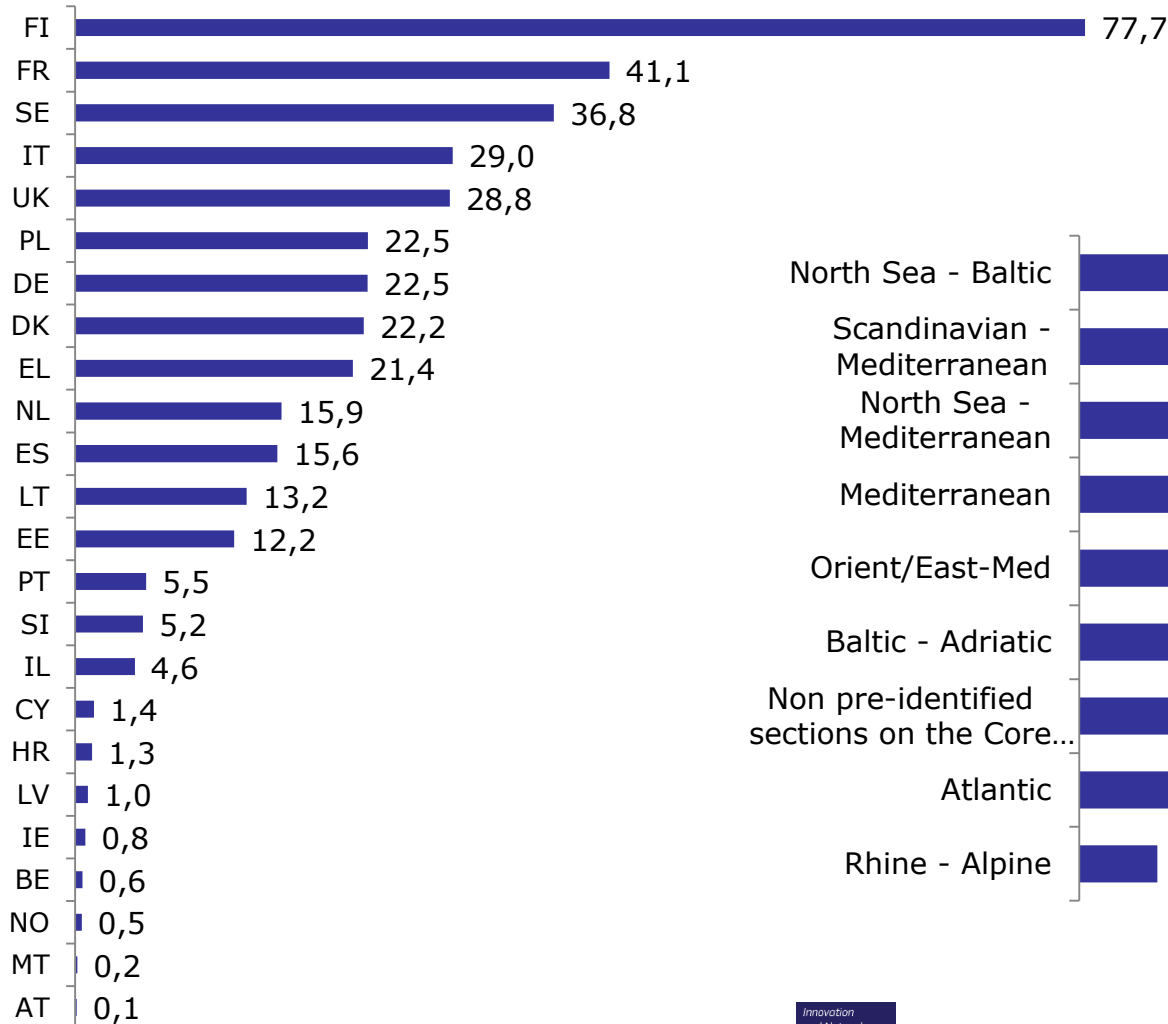
- **30%** for infrastructure works and facilities
- **50%** for studies with pilot activities

Involvement of minimum 2 Member States

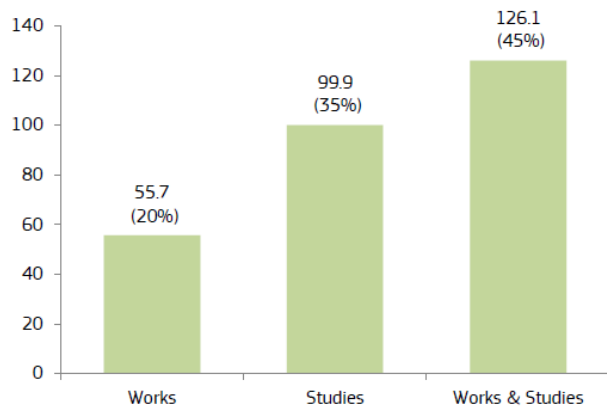
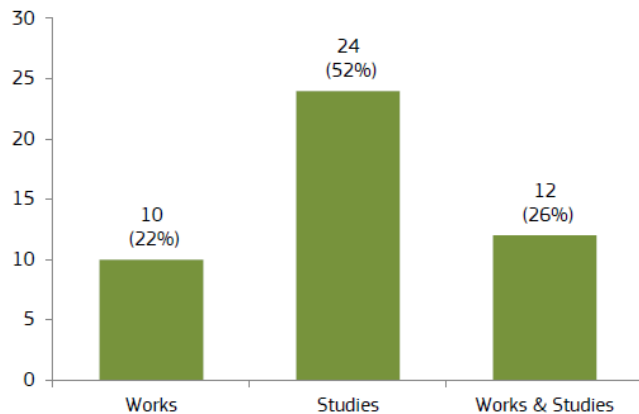
For other priorities (innovation, ports)

- **20%** for works
- **50%** for studies with pilot actions

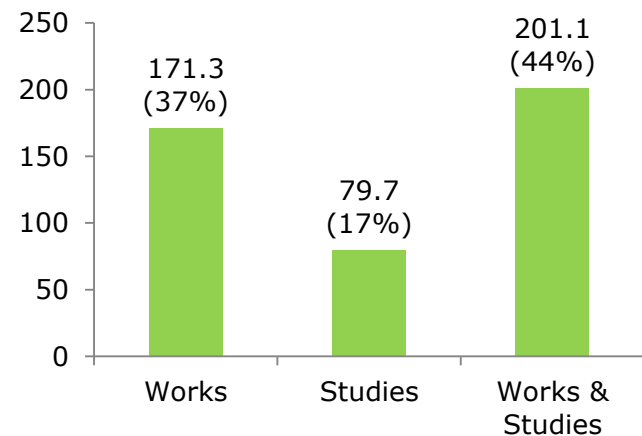
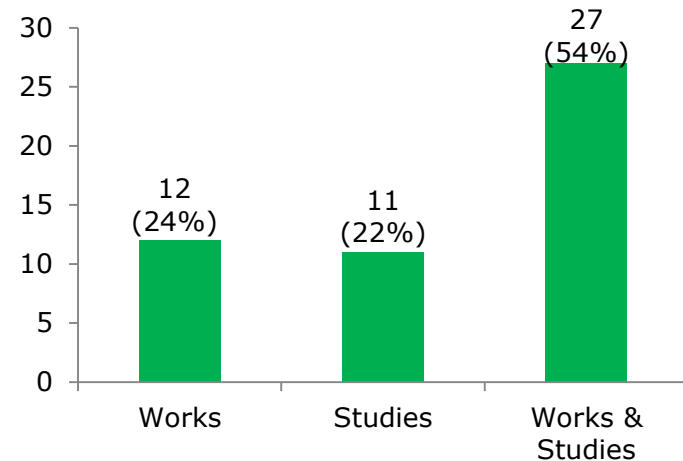
Motorways of the Sea Funding Distribution:



CEF Programme

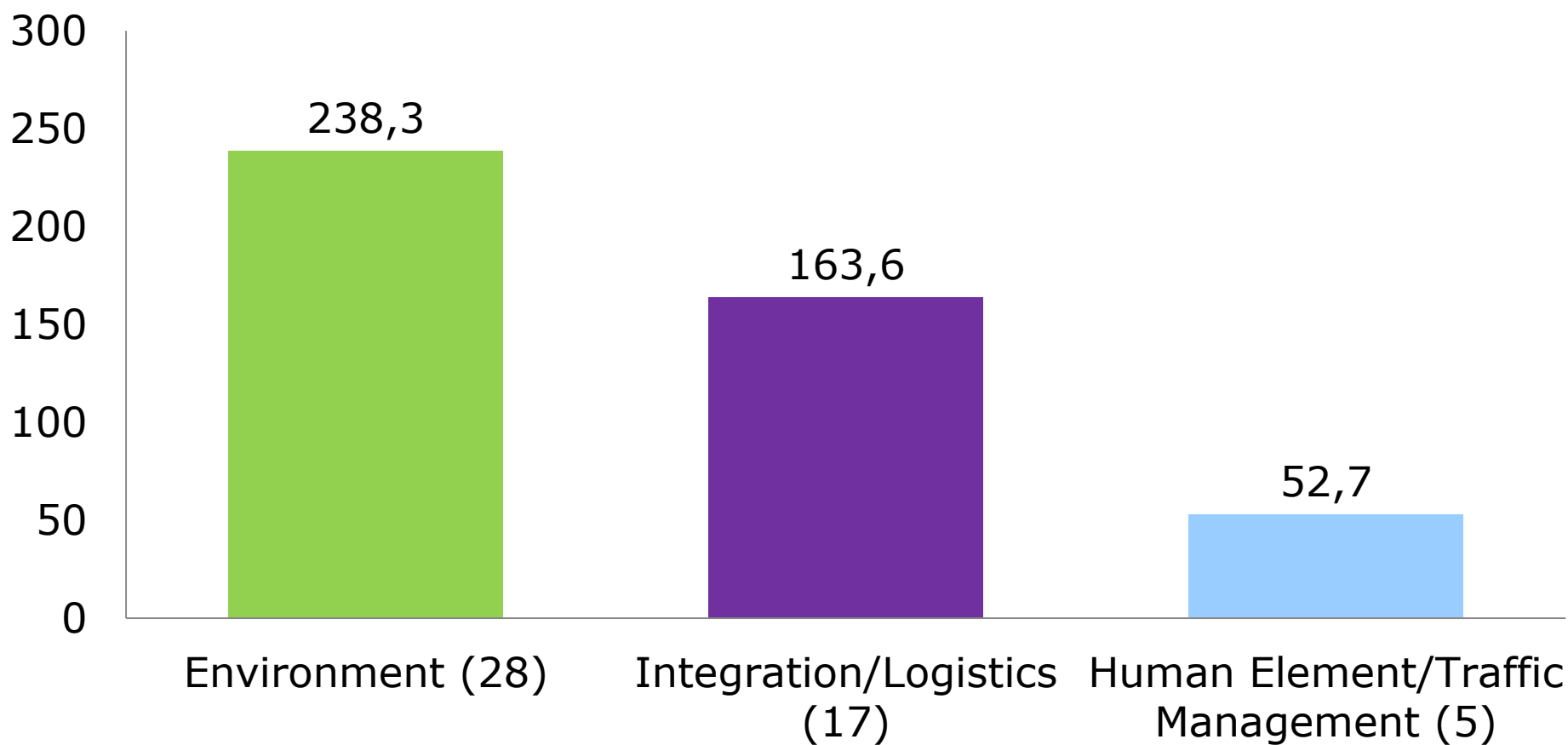


TEN-T Programme

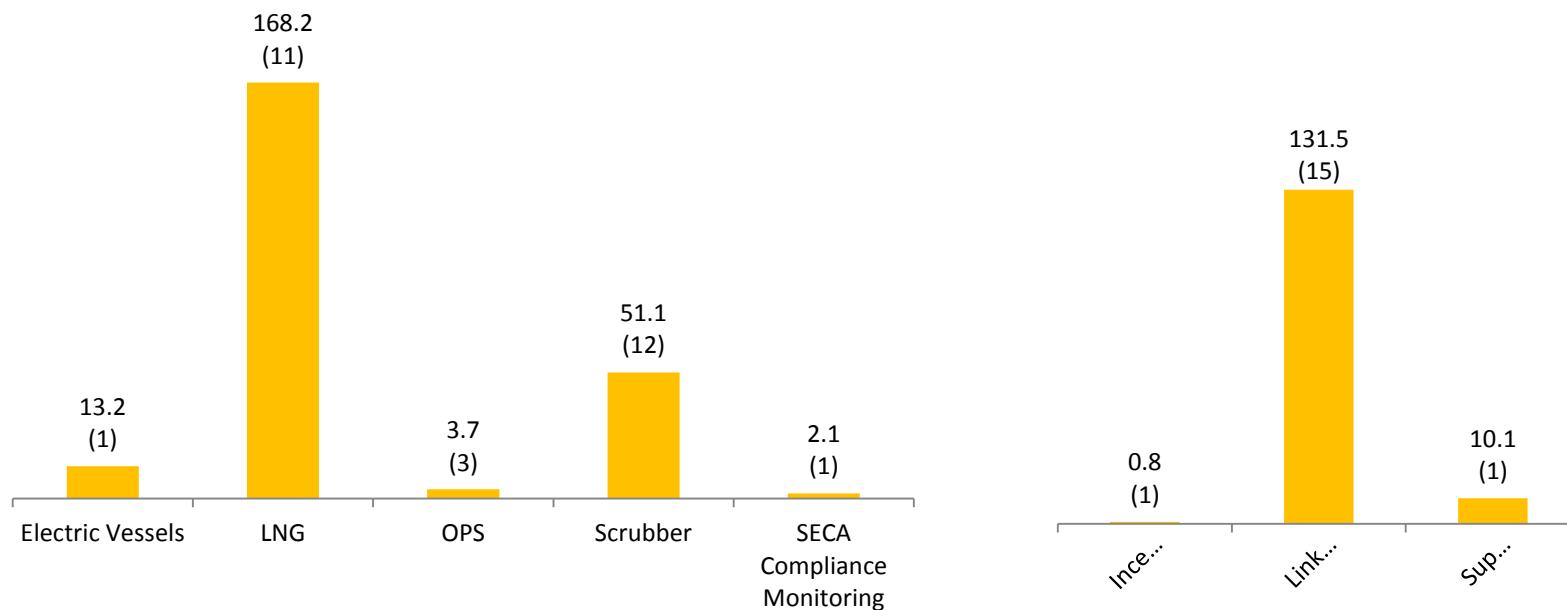


CEF Programme

MoS Funding per DIP Pillar



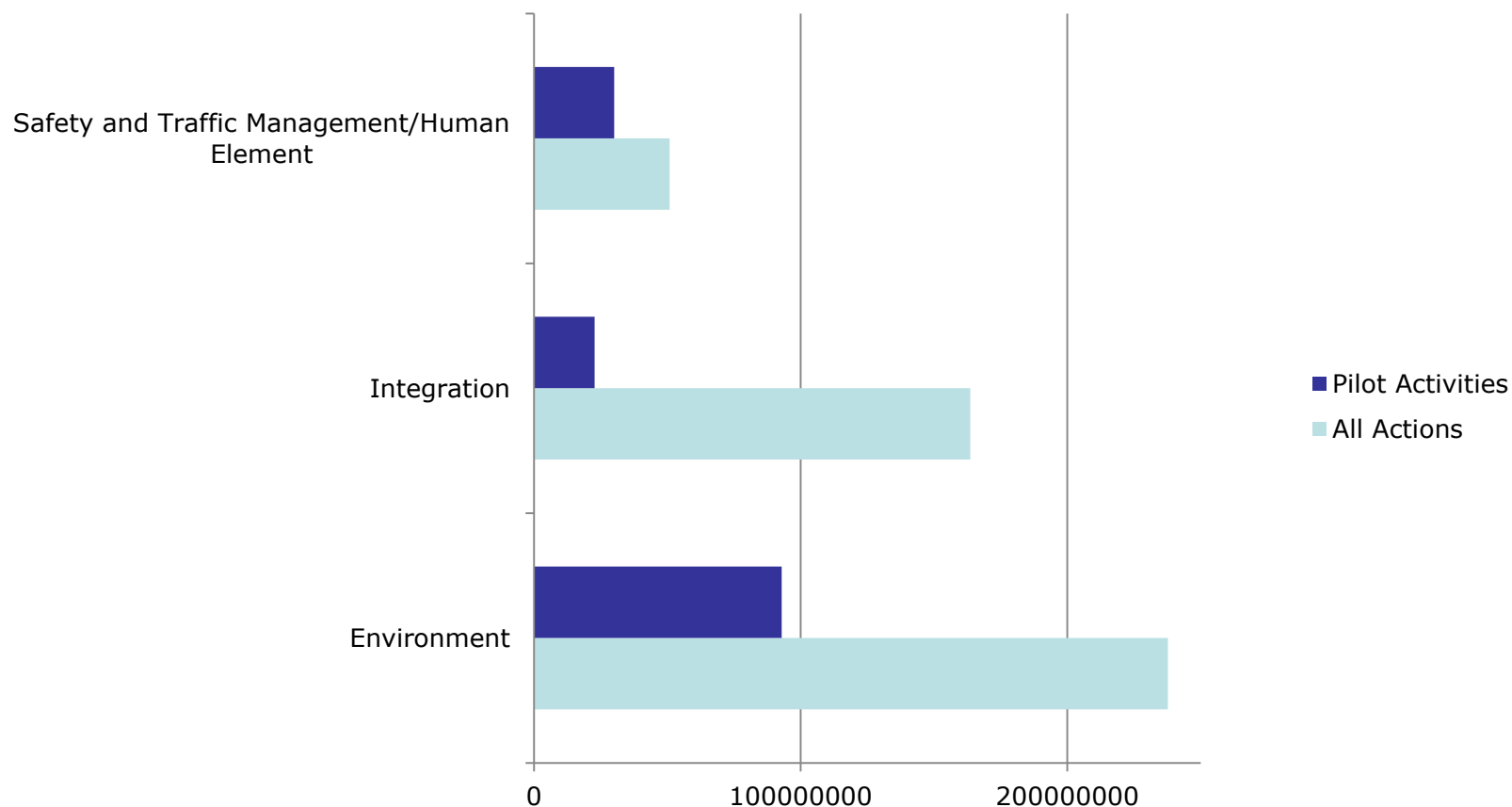
Motorways of the Sea – Funding per Priority (€ mn)



MoS Programme – Pilot Actions

Year	Pilot Actions	EU Grant	Investment Generated
2014	8	96,490,161	195,046,170
2015	6	36,475,646	100,226,553
2016	2	12,734,370	42,507,900
2017	0	-	-
Total	16	145,700,177	337,780,623

Pilot Actions in the MoS Portfolio



Pilot Actions:

Compliance monitoring pilot for Marpol Annex VI

2014-EU-TM-0546-S

Total Budget: € 4,290,629

EU contribution: €2,145.50

Beneficiaries: Finland, Belgium. Netherlands & Sweden



- Resulted in 20,000 (air, ship & fixed) measurements to determine compliance, and where results have been used as prima facie evidence in courts

Duration: January 2014 - December 2016

Pilot Actions:

Zero Emission Ferries

2014-EU-TM-0489-S

Total Budget: € 26,300,000

EU contribution: €13,150,000

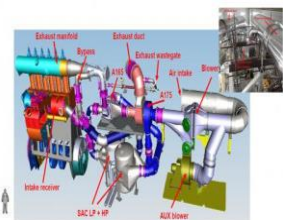
Beneficiaries: Denmark & Sweden

- Replace the marine gas oil fuelled propulsion systems of two RoPax ships with pure electricity power provision, in the ports of Helsingør and Helsingborg.
- Provide the OPS facilities in the corresponding ports



Duration: January 2014 - December 2017

ENERGY EFFICIENT AND EMISSION FREE VESSEL – FROM COMPONENT TO VESSEL DEPLOYMENT



HERCULES-2

- Fuel flexible, near-zero emission, adaptive performance marine engine

LEANSHIPS

Efficient, less polluting new/retrofitted vessels with end users' requirements

E-FERRY

The first mid-size 100% electric ferry

ZERO EMISSION FERRIES

A green link across Oresund by converting RoPax ships

Technology readiness levels (TRL)



Pilot Actions: STM Validation Project 2014-EU-TM-0546-S

Total Budget: € 42,977,434

EU contribution: € 21,488,717

Beneficiaries: Sweden, United Kingdom, Ireland & Spain



- Establish large-scale test beds for a new Sea Traffic Management in the Nordic region and in the Mediterranean Sea:
 - **300 ships**
 - **13 ports**
 - **5 shore centres**
 - **12 connected simulated centres**
- This would result in the piloting of a new route optimisation concept
- Winner SMART4SEA Innovation award

Duration: January 2015- December 2018

NEW CONCEPTS AND SMARTER TRAFFIC MANAGEMENT – FROM SPECIFIC SERVICE TO SYSTEM DEPLOYMENT



EFFICIENSEA2



NOVIMAR



STM VALIDATION PROJECT

ITS services for efficient and safe traffic at sea

Vessel platooning controlled by ITS

Validation of the target concept of Sea Traffic Management

Technology readiness levels (TRL)



Outcome of CEF Blending2 Call

- *Main specificity of these Calls: **blending***
- "...projects of common interest receiving EU grants from the Connecting Europe Facility – Transport Sector (General envelope) *combined* with financing from the European Fund for Strategic Investments (EFSI), or the European Investment Bank, or National Promotional Banks, or private sector investors, in order to maximise the leverage of private sector involvement and capital in the delivery of projects..."

Outcome of Blending Call 2

(cut-off date April 2018)

Blending Call 2	Total	Motorways of the Sea
Budget available	€350 million	
Overall subscription rate	2.94	
Proposals received (eligible)	68	5
Recommended proposals	42	3
Selected proposals	35	3
Total CEF recommended funding	€405 million	€75 million
Selected Proposals		

Cargo capacity upgrade and LNG bunkering 2017-EU-TM-0166-W

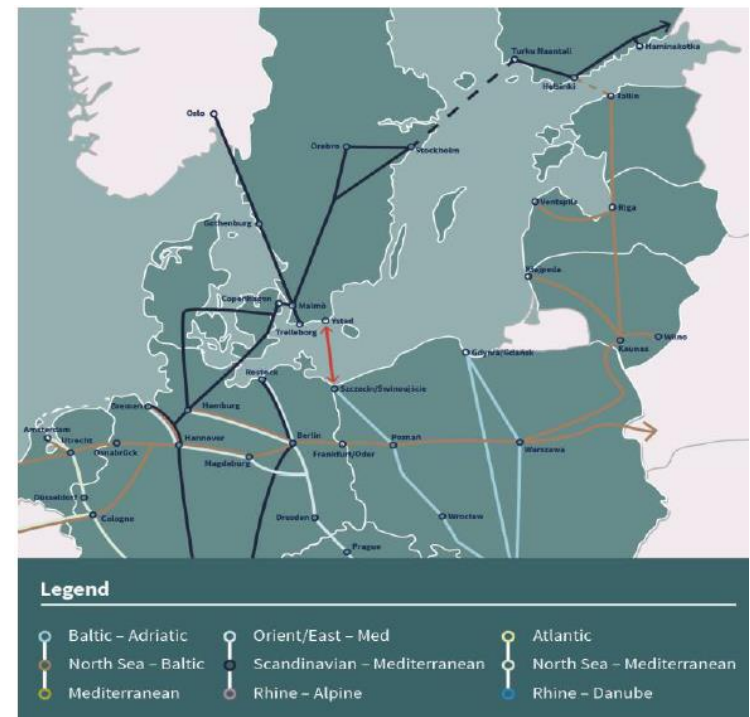
(MoS upgrade of maritime link)

Total Budget: € 132,391,879

EU contribution: € 34,853,564

Beneficiaries: Ystad (Comprehensive, SE) & Swinoujscie (Core, PL)

- LNG Bunkering vessel (Swinoujscie)
- Infrastructure (Breakwater, Port Basin, 2 ferry berths, dredging: Ystad)
- LNG propulsion system for a RoPax vessel sailing the route



TWIN-PORT III 2017-EU-TM-0135-W

Total Budget: € 71,190,850

EU contribution: € 21,357,255



Investments: City and Port of Helsinki (FI), Port of Tallinn (EE)

- Port of Helsinki: multimodal terminal for Bus traffic, side ramp, Extension of the AP Pier
- City of Helsinki: Last mile connections on 6 sections
- Port of Tallinn: Construction of sewerages, safety upgrades
- Retrofitting of 5 vessels OPS & Automoorings

Duration: January 2020 - December 2021

BlueHUBS: LNG and CNG Supply Chains upgrading Core TEN-T Ports in Eastern Mediterranean

2017-EU-TM-0149-W

(MoS wider benefit)

Total Budget: € 65,963,400

EU contribution: € 19,789,020

Investments: Limassol (Cyprus), Heraklion & Piraeus (Greece)

- Two 3,000m³ LNG Bunkering vessels
- Three Mobile LCNG Stations serving port heavy duty vehicles & buses
- Eight LNG tanker trucks

Duration: January 2020 - December 2021



Future Outlook: 2019 Call

- Work program for the Annual call was adopted October 12th
- No Motorways of the Sea priority
- 65 mln euro dedicated to the comprehensive network:
 - rail, road and inland waterway cross-border sections
 - **connections to and the development of maritime ports**
- Publication expected December 2018 / January 2019

Future Outlook

- Decarbonisation and greening shipping remains a key pillar of CEF interventions, to this effect more investments in LNG and alternative fuel reducing technologies is needed.
- INEA sees a need to prioritise upgrading of maritime links (Corridors & hinterland connections integrated in logistics chain),
- Brexit may result in a need to strengthen European Short Sea Shipping routes
- **MoS Call expected in Q1 2020**

Thank you for your attention!

jaroslaw.kotowski@ec.europa.eu