



Motorways of the Sea (MoS)

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Transport White Paper for 2001 - European transport policy for 2010: time to decide

"Motorways of the Sea" to improve existing maritime links and establish new ones in order to make short-sea shipping an attractive and viable option for the transport of goods

TEN-T Guidelines 2004

Article 12a : Objectives

- 1) concentrate freight flow on sea-based logistical routes,
- 2) increase cohesion through improved access,
- 3) reduce road congestion





2007 Commission Working Document - Report on Motorways of the Sea

- Updated definition
 - Existing or new sea-based transport services integrated in door-to-door logistic chains and concentrate flows of freight on viable, regular, frequent, high-quality and reliable Short Sea Shipping links.
 - Should absorb a significant part of the expected increase in road freight traffic, improve the accessibility of peripheral and island regions and states and reduce road congestion



2011 White Paper - Roadmap to a single European transport area

- A Single European Transport Area promoting jobs and growth through greater resource efficiency in which all residual barriers – between modes and between borders – are eliminated
- Transport in the wider 'EU 2020' perspective and full modal integration
- Maritime Transport Goals
 - By 2050 reduce EU CO2 emissions from maritime bunker fuels by 40% (50% if feasible)
 - By 2030 shift 30% of road freight over 300 km to rail or waterborne transport (> 50% by 2050)
 - By 2050, ensure that all core seaports are sufficiently connected to the rail freight and where possible, inland waterway system
 - EU world leader in safety and security of transport in all modes of transport





Revision of TEN-T Guidelines- Motorways of the Sea

Article 25

Maritime dimension of the trans-European transport network and shall contribute towards the achievement of a European maritime transport space without barriers. They shall consist of short-sea routes, ports, associated maritime infrastructure and equipment, and facilities as well as of simplified administrative formalities enabling short-sea shipping or sea-river services between at least two ports, including hinterland connections

- Also, facilitate maritime transport and promote motorways of the sea with third countries



Motorways of the Sea Evaluation

I) Ex post evaluation on the up-to-date concept development and implementation

II) Possible ways forward

Objective

- Provide a comprehensive overview on the implementation of the concept from its initiation in 2001 until the end of 2013
- Assess if the implementation has left untapped potential and the possible actions to realise it
- Provide suggestions on the prospects for its better implementation and alignment with future development of Short Sea Shipping, EU policies and funding programmes





Ex post evaluation of the concept and implementation

• Overview

- Which type of projects were funded (port capacity, accessibility, intermodal connections, environmental, wider benefit etc.)
- Which financial sources and instruments were used (TEN-T, Marco Polo, INTERREG, EU structural funds, European Investment Bank funding, European Neighbourhood and Partnership Instrument, state aid, private funding, loans, equity, loan guarantees etc.)
- Who have been the beneficiaries of funding (port authorities, ship owners, land carriers, freight forwarders etc.)



• EFFECTIVENESS AND EFFICIENCY OF THE POLICY

- How effective has been the MoS policy in supporting Short Sea Shipping and providing for an alternative to road transport?
- What have been the improvements as a result of the implementation of MoS projects?

• ADMINISTRATIVE EFFECTIVENESS AND EFFICIENCY OF THE PROJECT MANAGEMENT

- Efficiency and effectiveness of the coordination mechanism and institutional framework?
- How efficient has been the process of selecting and funding projects?





- **COHERENCE OF THE POLICY**

- Has the MoS policy contribute to the achievement of other policy objectives in the EU transport policy?
- How has it been aligned with other EU policies?

- **RELEVANCE OF THE POLICY**

- To what extent is the initial assessment of the potential benefits of the implementation of the MoS concept still valid?
- Has the evolution of the definition and implementation of the MoS been in line with maritime freight transport and Short Sea Shipping policies?

- **EU ADDED VALUE**

- What is the European added value of the initiative/intervention compared to what could be achieved by MS at national and/or regional levels?



Possible ways forward

- **Prospects for the further development of Motorways of the Sea**

- Emerging and prospective sectors of the Short Sea Shipping activity?
- How would the concept need to be changed to meet future challenges?
- How can it be better aligned with EU policies (e.g. the 2011 White Paper on transport policy, the revised TEN-T Guidelines, the Research and Development, the Regional, Neighbourhood and Development Policies) ?





Reference projects – TEN-T

	Year	Project Code	Title	Action type	MoS corridor	Thematic area
1	2005	2005-SE-91406-S	Master Plan MoS in the Baltic Sea	Studies	Baltic Sea	Master planning
2	2008	2008-EU-21020-P	Motorways of the Sea Esbjerg - Zeebrugge	Works	western Europe	Transport link
3	2009	2009-EU-21010-P	Baltic Link Gdynia-Karlskrona	Works	Baltic Sea	Transport link
4	2010	2010-EU-21102-S	Monitoring and Operation Services for Motorways of the Sea (MOS4MOS)	Studies	Cross-corridor	Information systems
5	2010	2010-EU-21105-S	MIELE	Studies	Cross-corridor	Information systems
6	2010	2010-EU-21106-S	ITS Adriatic multi-port gateway	Studies	south-east Europe	Information systems
7	2010	2010-EU-21107-P	Motorway of the Sea Rostock - Gedser	Mixed (Studies & Works)	Baltic Sea	Transport link
8	2010	2010-EU-21109-S	MonaLisa	Studies	Baltic Sea	Safety and environmental protection
9	2010	2010-EU-21112-S	LNG infrastructure of filling stations and deployment in ships	Studies	western Europe	Safety and environmental protection
10	2010	2010-EU-21101-S	MoS 24 - ICT based Co-modality Promotion Center for integrating PP24 into Mediterranean MoS	Studies	south-west Europe	Information systems
11	2010	2010-EU-21108-P	The Baltic Sea Hub and Spokes Project	Mixed (Studies & Works)	Baltic Sea	Cooperation
12	2011	2011-EU-21004-S	TrainMoS	Studies	Cross-corridor	Knowledge network
13	2011	2011-EU-21007-S	COSTA	Studies	Cross-corridor	Safety and environmental protection
14	2012	2012-EU-21023-S	Sustainable Traffic Machines - On the way to greener shipping	Studies	Baltic Sea	Safety and environmental protection
15	2012	2012-EU-21013-M	Kvarken Multimodal Link - Midway Alignment of the Bothnian Corridor	Mixed (Studies & Works)	Baltic Sea	Transport link
16	2012	2012-EU-21008-M	Winter Navigation Motorways of the Sea, WINMOS	Mixed (Studies & Works)	Baltic Sea	Safety and environmental protection
17	2012	2012-EU-21017-S	Methanol: The marine fuel of the future	Studies	Baltic Sea	Safety and environmental protection
18	2013	2013-EU-21001-P	BRIDGE - Building the Resilience of International & Dependent Gateways in Europe	Works	western Europe	Transport link
19	2013	2013-EU-21018-S	Pilot Implementation of a LNG-Propulsion System on a MoS Test Track in the Environmental Model Region 'Wadden Sea'	Studies	western Europe	Safety and environmental protection
20	2013	2013-EU-21015-P	Sustainable Motorway of the Sea Ghent-Gothenburg through environmental upgrade and compliance while maintaining competitiveness of short sea shipping	Works	Cross-corridor	Safety and environmental protection



TEN-T Reference projects break-down

Number of reference projects		Total number of projects
-2006	1	6
2007-2009	2	4
2010-2013	17	41
Total	20	51
Master planning	1	4
Transport link	5	11
Information systems	4	9
Cooperation	1	3
Knowledge network		2
Safety and environmental protection	8	22
Total	20	51
Baltic Sea	9	26
Western Europe	4	10
South-East Europe	1	5
South-West Europe	1	3
Cross-Corridor	5	7
Total	20	51
Studies	12	
Works/Mixed	8	
Total	20	





Reference Projects - Marco Polo, Interreg, ENPI

- Marco Polo
 - Ro-Ro Past France
 - Gulfstream MOS
- Interreg
 - StratMos
- ENPI
 - MEDA MoS – EUROMED regional transport project
 - LOGMOS II –TRACECA

Plus 3 other projects of interest- limited consultations

- Motorway of the Sea - High Quality Rail and Intermodal Nordic Corridor Konigslinie (TEN-T) – Partial completion of project
 - FRES MOS
 - Atlantica
- } Marco Polo - State Aid issues



2014 CEF Transport Multi-Annual Call- Under revised TEN-T Guidelines

Fresh Food Corridors project

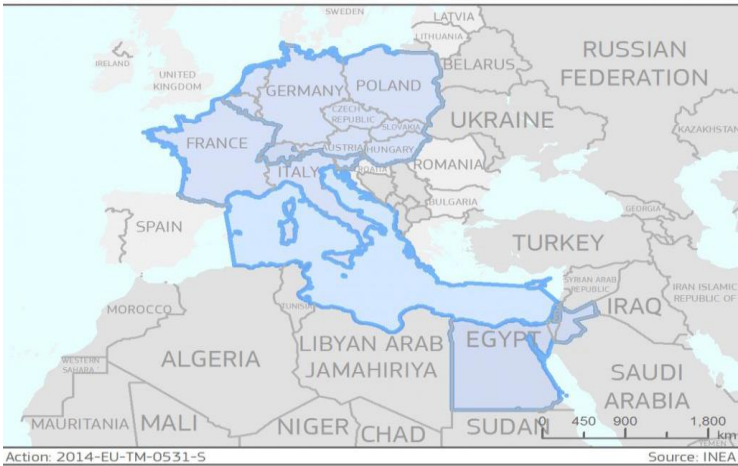
- Test and enhance a sustainable inter-modal transport and logistics system for freight movement between Mediterranean and Northern European destinations by rail and sea.
Countries involved: Slovenia, France, Italy, Cyprus and Israel (third country)
- A pilot on a further corridor (Cyprus – Egypt) focused on IT and process integration and by a transferability analysis of the concept between the Port of La Spezia and further non-EU countries.

<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-transport/projects-by-country/multi-country/2014-eu-tm-0531-s>





Fresh Food Corridors



**Thank you for your
attention!**

