



"e-Maritime:
Advanced maritime transport information management"

eMar
Danaos Users Meeting 2014
Piraeus, 27 May 2014

**EU research and innovation for
waterborne transport**

EC MOVE C2 - Research and Innovative Transport
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Political Context

- EU Maritime Transport Strategy, 2009 - 2018
- Athens declaration, 7 May 2014

Europe 2020: *Smart, Sustainable and Inclusive Growth*

- **20% reduced GHG**
- **20% improvement in energy efficiency**
- **3% of EU's GDP invested to R&D**

Funding Instruments

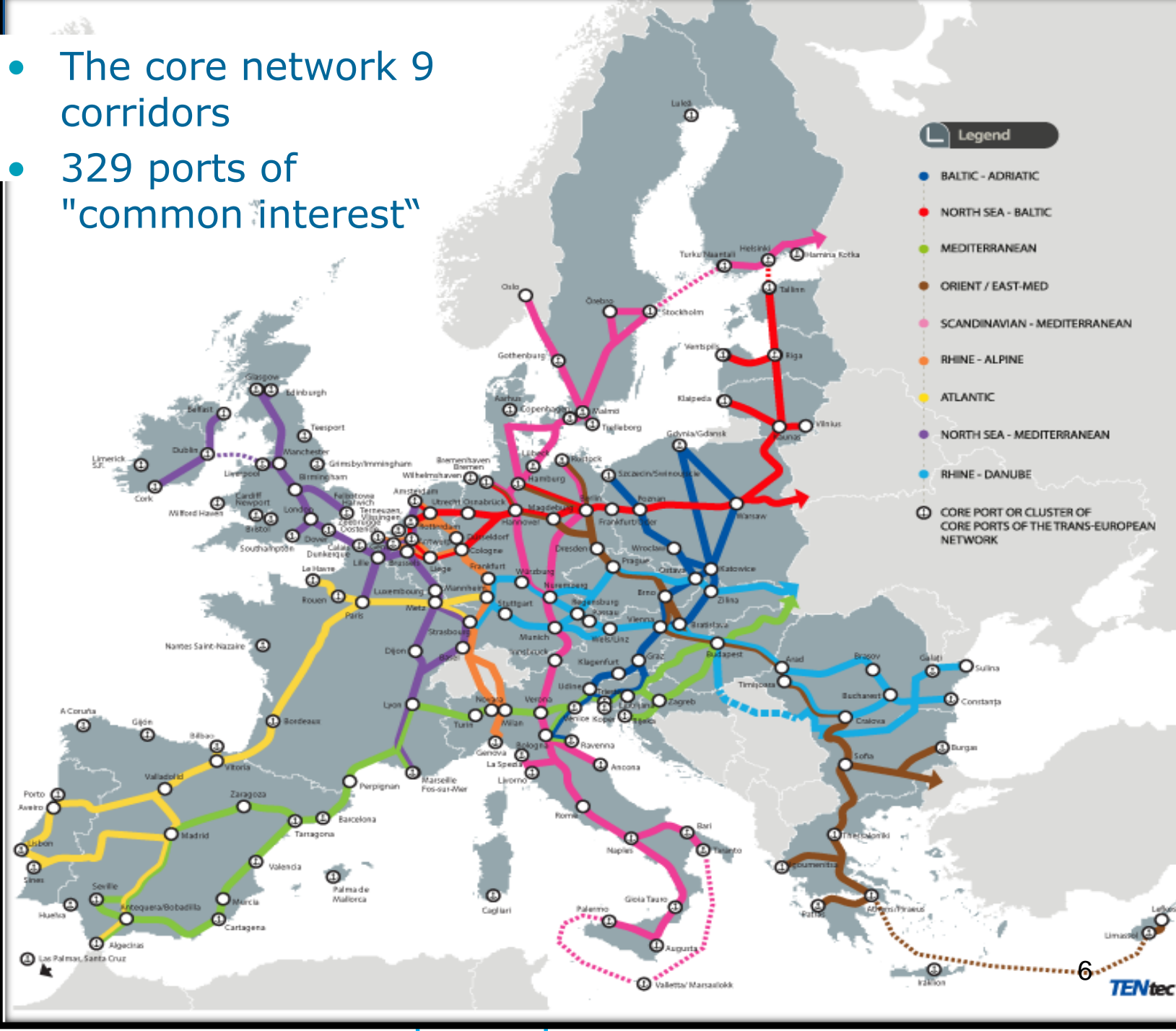
- **Horizon 2020**
- ***TEN -T & CEF (Connecting Europe Facility)***
- ***ERDF (European Regional Development Fund)***

Horizon 2020

- €70+ billion research and innovation funding programme for 2014-2020 centred around 3 major priorities
- New approach to EU-funded Research and Innovation (R&I), it promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.



- The core network 9 corridors
- 329 ports of "common interest"



Trans-European Transport Network (TEN-T)

- ❑ As of January 2014 : **New TEN-T Regulation** into force (EU)1315/2013
- ❑ Target dates: Core Network **2030** – Comprehensive Network **2050**
- ❑ **9 Core Network corridors** facilitating implementation of Core Network
- ❑ List of **pre-identified projects** for funding 2014-2020 (selection based on added value for TEN-T development and maturity)
- ❑ CEF will make available €26 billion from the EU's 2014-2020 budget to co-fund TEN-T projects in the EU Member States

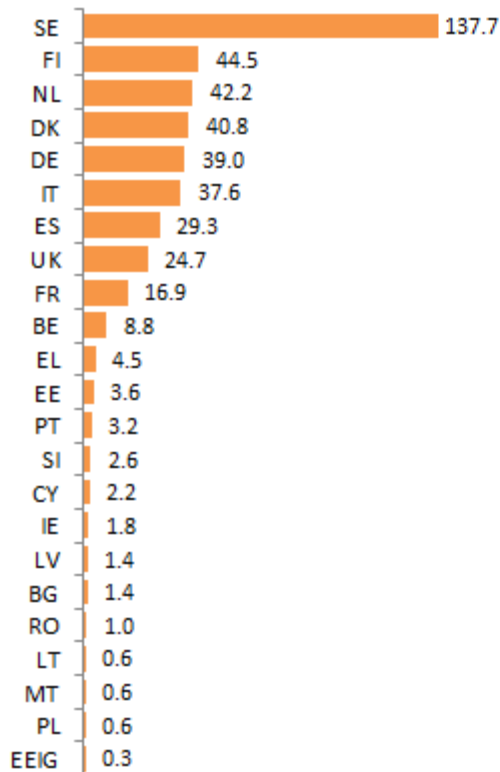
TEN-T : Motorways of the Sea (MoS)

- ❑ Motorways of the Sea (MoS) = **maritime dimension** of TEN-T
- ❑ Consisting of Shortsea routes, ports, associated maritime infrastructure, -equipment and -facilities, as well as of simplified administrative formalities enabling Short Sea Shipping between at least two ports, including hinterland connections
- ❑ They also incorporate a third country dimension

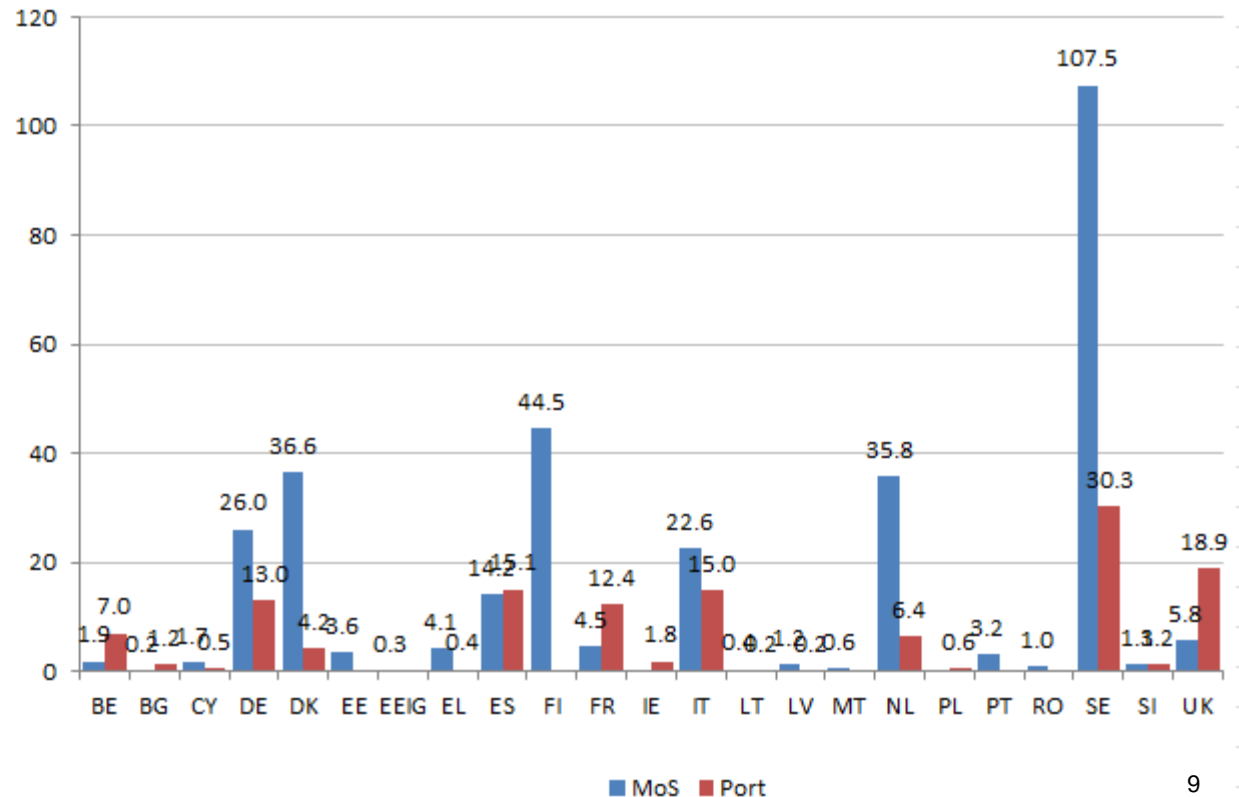
MoS and port projects

Total TEN-T funding: € 445.5 million (end 2013)

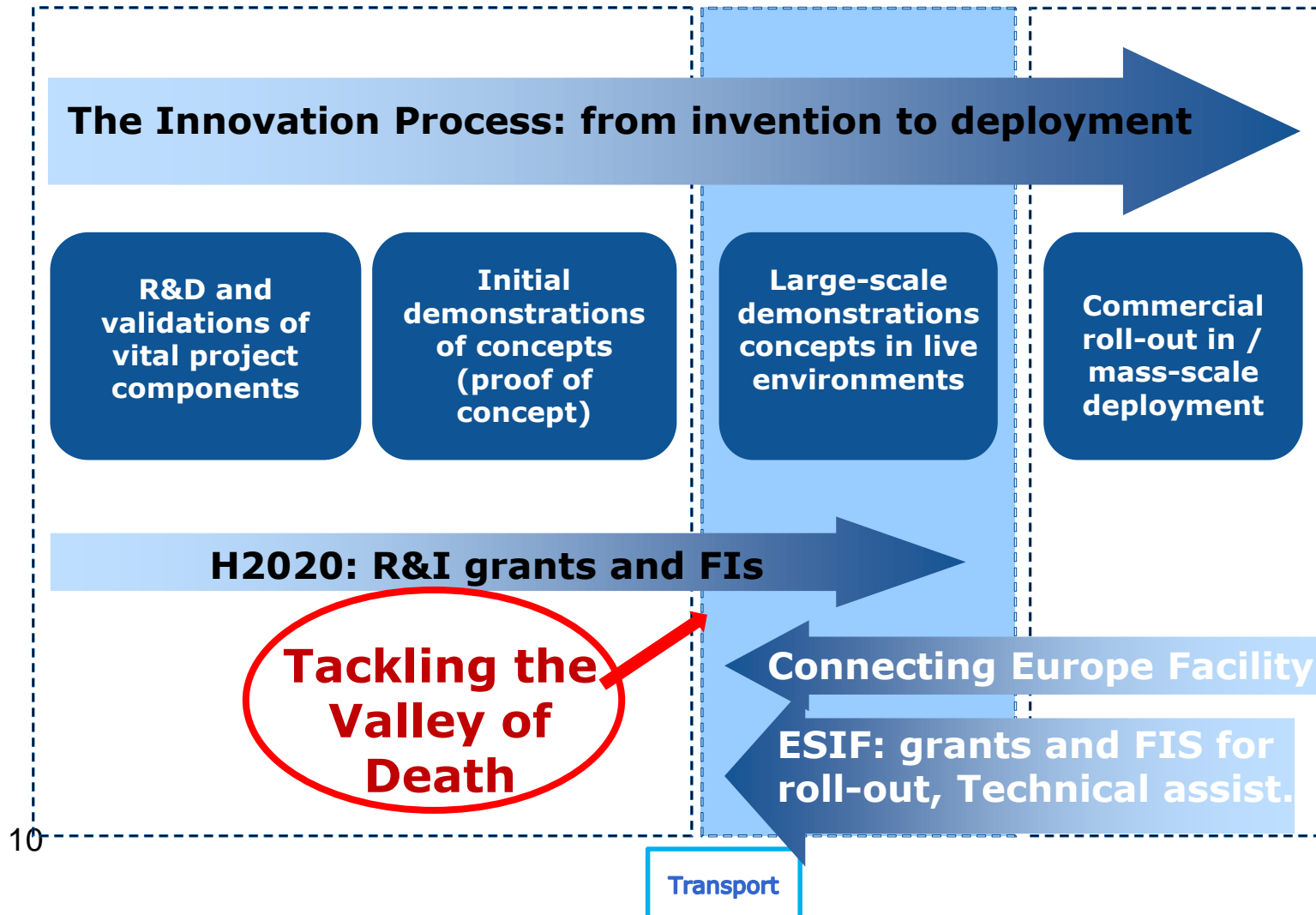
Per Member State (€ million)



Per MoS/Port projects (€ million)



2014-2020: Aligning EU policies and programmes





Priority 3: Societal challenges

Proposed funding (€ million, 2014-2020)

Health, demographic change and wellbeing	7 472
Food security, sustainable agriculture, marine and maritime research & the Bio-economy	3 851
Secure, clean and efficient energy	5 931
Smart, green and integrated transport	6 339
Climate action, resource efficiency and raw materials	3 081
Inclusive and reflective societies	1 309
Secure societies	1 695
<i>Science with and for society</i>	<i>462</i>
<i>Spreading excellence and widening participation</i>	<i>816</i>

Waterborne Transport

- *The ship*
- *Shipping in the transport chain*
- *Related services*

- *international shipping*
- *coastal shipping*
- *inland waterways transport*



Calls (publication 11 December 2014)	Budget (€ Mio) 2014	Budget (€ Mio) 2015 *
Call 'Mobility for Growth'	374,5	184
1. Aviation	70	36
2. Rail	52	-
3. Road	66	23
4. Waterborne	56	18
5. Urban	40	66,5
6. Logistics	32	18
7. ITS	31	-
8. Infrastructure	19	17,5
9. Socio-economic and behavioural research	8,5	5
Call 'Green Vehicles'	129	30
Call Small business and Fast Track	35	38
Contribution to Smart Cities/Blue Growth	18,5/15	21,5/4

The EU e-Maritime initiative

Use of electronic information

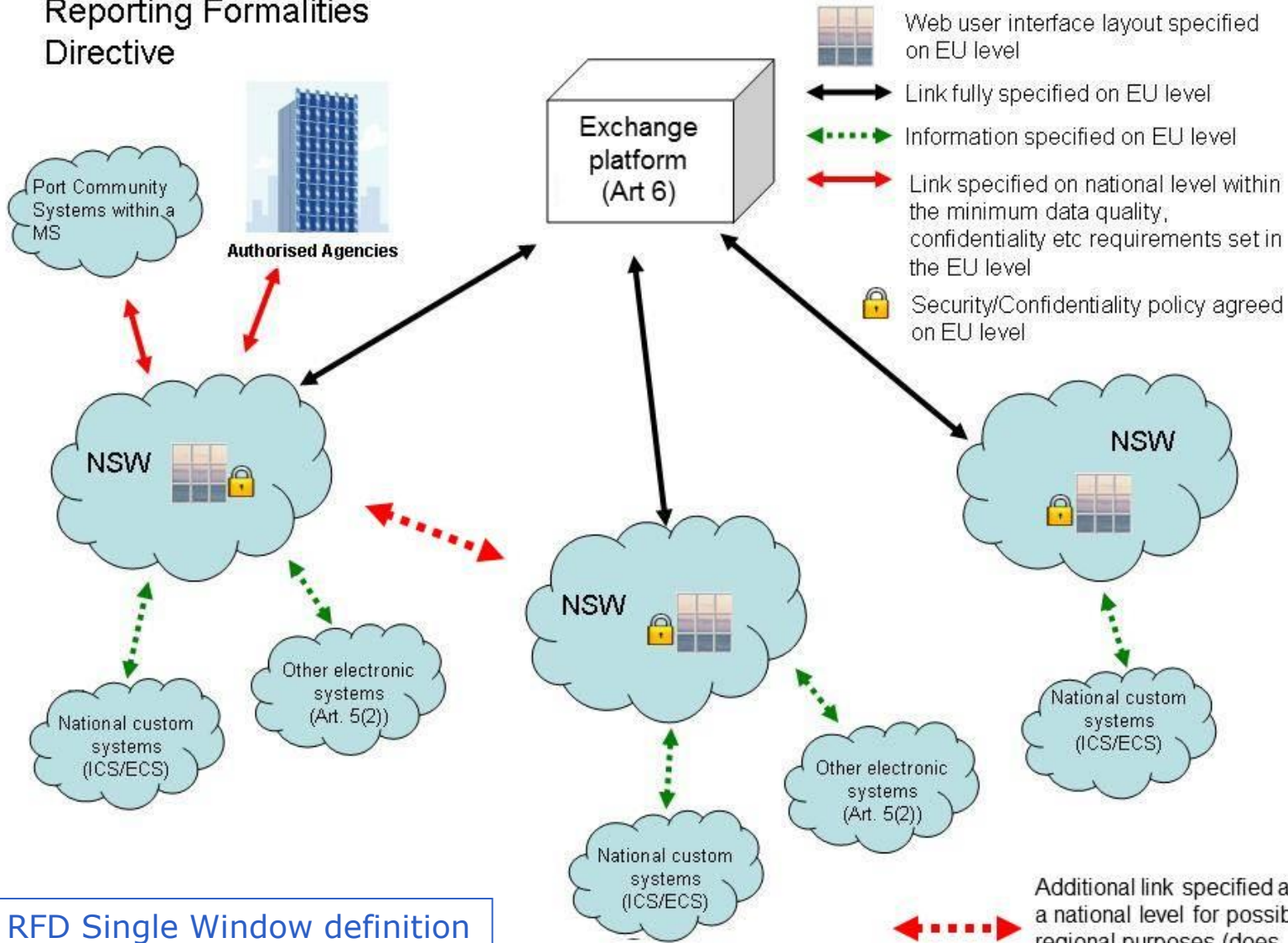
*for improving efficiency and quality of shipping
and reducing administrative burden*

*for working and doing business in the maritime
transport sector in a better manner*



European Commission

Reporting Formalities Directive



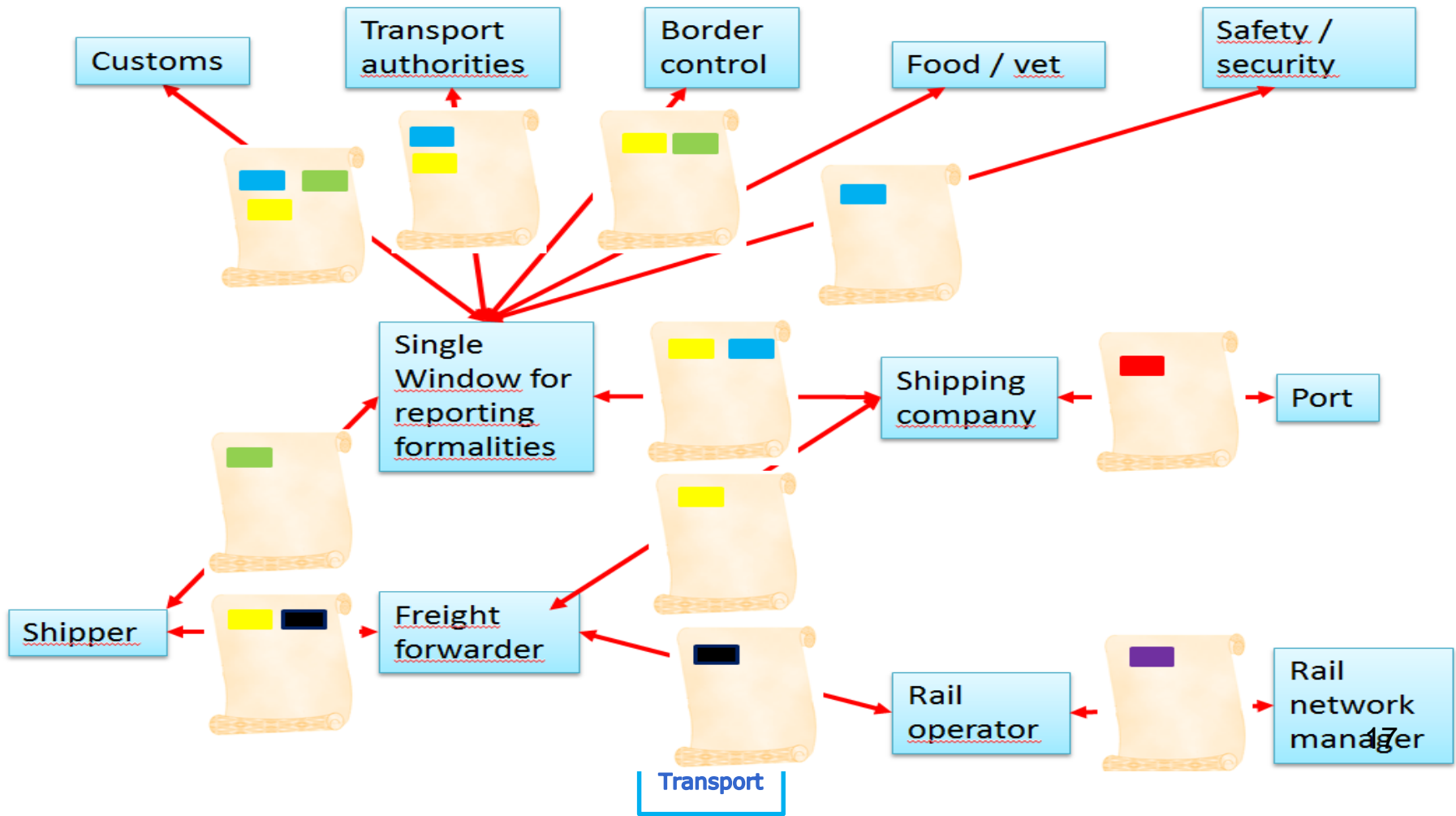
Source: RFD Single Window definition

Additional link specified at a national level for possible regional purposes (does not replace Art 6 platform) 16



European
Commission

Enabling reuse of information, interoperability and networking



Expected outcomes

Information sharing leads to:

- Reduced costs and administrative burden
- Enhanced cooperation; improved efficiency
- Increased traceability; optimised planning of operations
- Optimised choice of transport services
- Business opportunities; new added value services
- Benefits for all, from big companies to SMEs
- Removing obstacles to a European Transport Area
- Supporting innovation

For more information :

http://ec.europa.eu/transport/themes/strategies/2018_maritime_transport_strategy_en.htm

<http://ec.europa.eu/programmes/horizon2020/en>

http://ec.europa.eu/transport/themes/infrastructure/index_en.htm

http://ec.europa.eu/regional_policy/index_en.cfm

http://ec.europa.eu/transport/modes/maritime/e-maritime_en.htm

<http://www.emarproject.eu/>

Thank you!

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