



SHORTSEA 2016

EUROPEAN CONFERENCE



PORT OF BARCELONA
29–30 september

Session 4

Shortsea Shipping and the Environmental Regulations



Port de Barcelona



SHORTSEA PROMOTION CENTRE - SPAIN



European Shortsea Network

Session 4

Shortsea Shipping and the Environmental Regulation



Introducer & Moderator

Manuel Carlier
President
SPC Spain

Environmental regulations

1. Main Topics

Subject	IMO	Regional
Sulphur emissions	MARPOL Annex VI Existing ECAS	EU Sulphur Directive Last step in 2020
NOx emissions	MARPOL Annex VI	North American NECA Possible NECA in North Europe
Water ballast Convention	Entry into force 8 September 1017	Implementation in the USA far from being clear
Ship Recycling	Hong Kong Convention	EU Ship Recycling Convention
CO ₂ emissions	IMO MRV system	European MRV system Entry into force 2018
CO ₂ emissions	Possible future Market Based Measures	Possible inclusion in EU ETS

Environmental regulations

1. General Problem

- Environmental regulations have **strong impact on SSS**.
- May produce **modal shift** from SSS to other less sustainable transport modes.
- May bring **unwanted (collateral) effects** on the environment: e.g. increased CO₂ emissions.
- **Special treatment for SSS in the IMO?**
- **If so, how this can be done?**

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Claes Berglund

Director - Stena
Chairman - SPC Sweden

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Raúl Cascajo

Head of Environment
Valencia Port

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Martial Claudepierre

Department Responsible LNG as Fuel
Bureau Veritas

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Matteo Natali

Manager Technical Sales
Wärtsilä

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José María Ruiz

Head of LNG Bunkering Development
Gas Natural Fenosa

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Jordi Vila

Head of Environment
Barcelona Port Authority

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Session structure

1. Brief presentations by the speakers
2. Questions from the moderator
3. Questions/comments from the floor
4. Final remarks

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Questions/comments from the floor

1. Introduce yourself:

- Name
- Company/Organisation

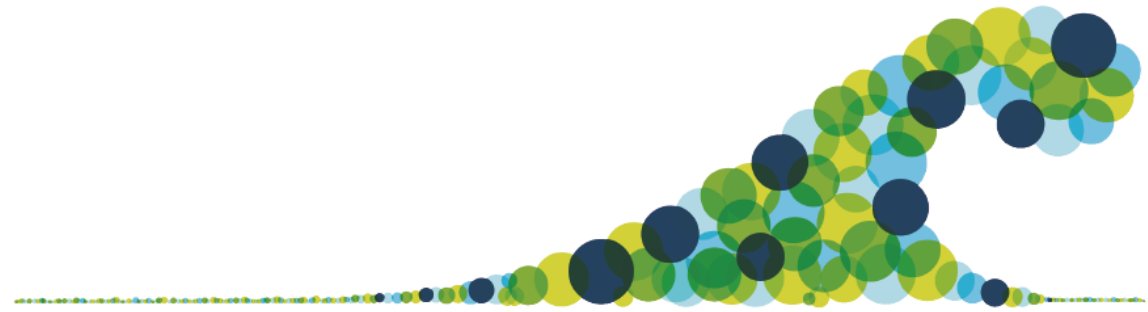
2. Please, be brief and precise

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Final remarks



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