Sustainability In the Spanish Ports Strategic Plan

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President
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Ministry of Transport

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Puertos del Estado (National Agency of Ports)

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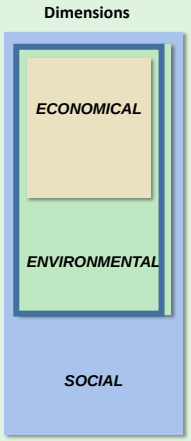
28 Port Authorities managing 46 ports called as "general interest"

STRATEGIC FRAMEWORK. SPANISH PORT SYSTEM

Dimensions	Criteria	Strategic lines
ECONOMICAL	Efficiency	Port Authorities economically sustainables
		Advanced Port land management
	Connectivity	Infrastructures oriented to demand, reliables and connected.
		Competitive services and efficient operations
	Digitization	Monitoring and facilitating Port activity
		Effective and simple administrative procedures
		Electronic Port Administration. Smart and syncromodal Ports
	Innovation	Innovative Ports
		Ports with international projection
ENVIRONMENTAL	Sustainability	Green Ports
		Eco-proactive Ports
		Ports committed to the city
	Security	Safe Ports
		High quality and advanced AtoN
SOCIAL	Transparency	Corporate ethics culture
		Extension and improvement of human resources

ENVIRONMENTAL DIMENSION



GLOBAL ENVIRONMENT
Zero balance emissions
Greenhouse gases….

NEARBY URBAN ENVIRONMENT
Air quality,
Land quality
Noise, odor control

COASTAL ENVIRONMENT
Water quality
Natural network
Biodiversity
Protected species

LAND SIDE

SEA SIDE

LOGISTIC NETWORK
External costs reduction
concurrent transport modes

Port Authority

Strategic environmental assesment
Projects environmental assesments
Reporting (Marine Strategy…)

Environmental monitoring Plans

Infrastructuras development

PORT

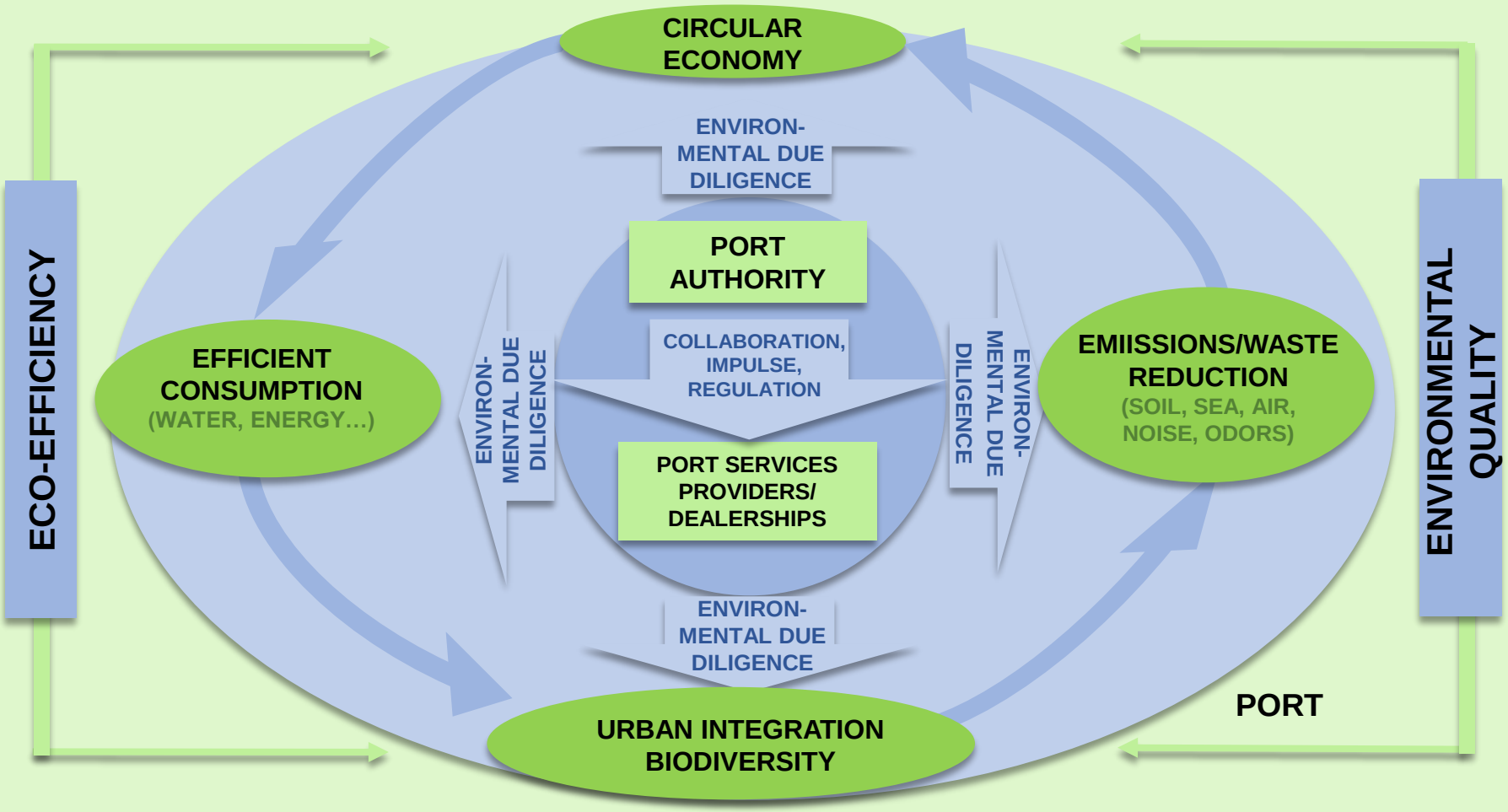
Exploitation

Climate change adaptation Plans

Environment quality control
Prevention of environ. affections
Eco-efficiency
Fight against climate change

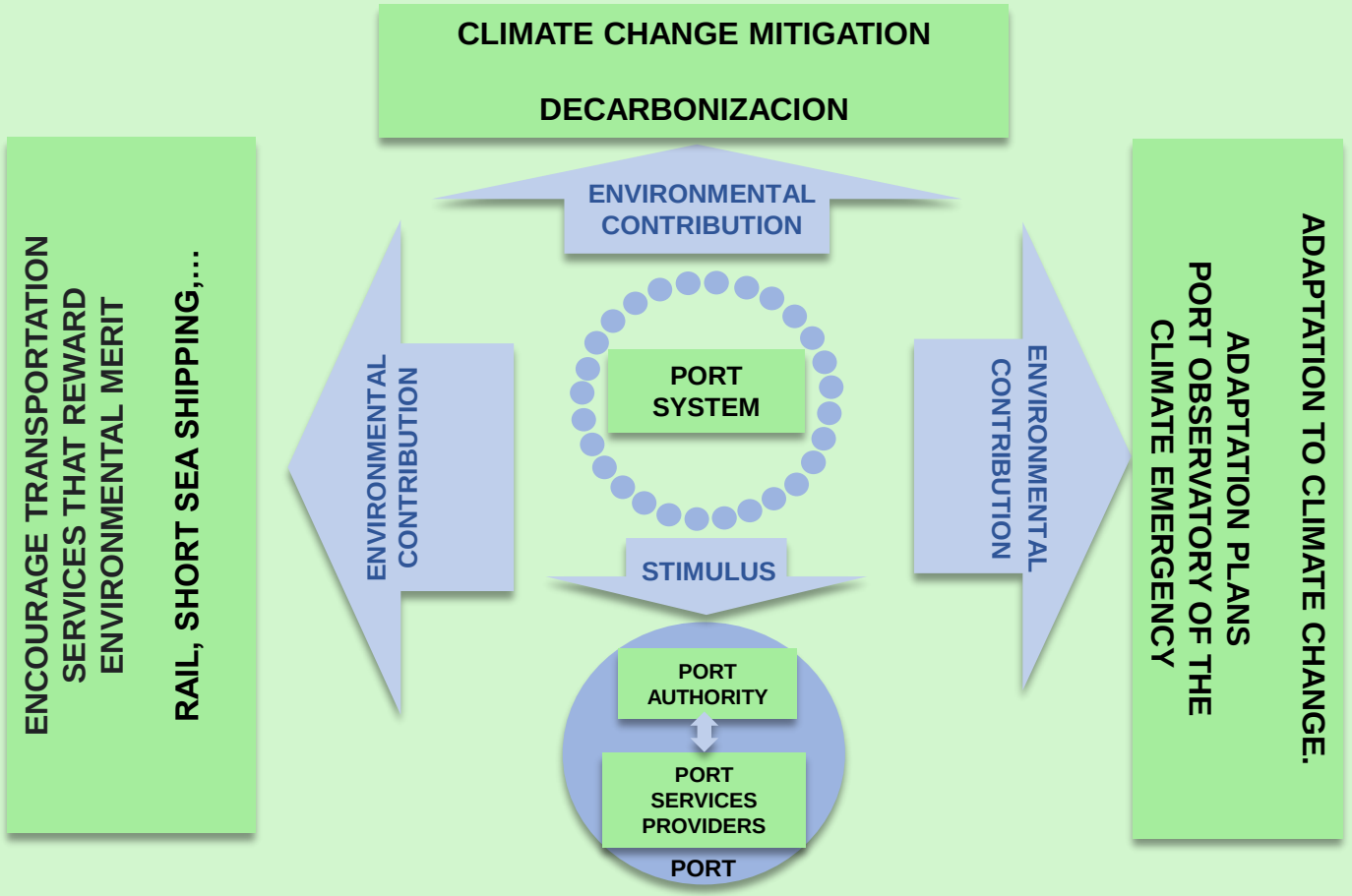
Strategic line 10: Green Ports

APPROACH FOR ADVANCEMENT



Strategic line 11: Eco-proactive ports

APPROACH FOR ADVANCEMENT



Puertos del Estado

GOBIERNO DE ESPAÑA MINISTERIO DE FOMENTO

Algeciras Port

Green Transition for Maritime Transport

MED ports ASSOCIATION

Strategic line 11: Eco-proactive ports

EU REGULATION. GREEN DEAL

PORTS SIDE

DIRECTIVE 2014/94 DEPLOYMENT ON ALTERNATIVE FUELS INFRASTRUCTURES

- Transposition 2016
- National policy frameworks since 2016
- Goals (LNG, electricity…)

MARITIME SIDE

DIRECTIVES 1999/32/EC - 2012/33 REGARDING SULPHUR CONTENT OF MARINE FUELS

SOx limits outside S/ECA:
- As from Jun 2014: 3,5% m/m
- As from Jan 2020: 0,5% m/m

FIT FOR 55 PACKAGE

NEW REGULATION FOR ALTERNATIVE FUELS INFRASTRUCTURES AND REPEALING 2014/94

- On going
- National policy frameworks reviewed
- New goals

FUEL EU MARITIME INITIATIVE

EU EMMISSIONS TRADE SYSTEM (ETS) REGULATION FOR MARITIME TRANSPORT

PORT COMPETITIVENESS

LOCATION AND ACCESIBILITY FACTORS

Production&consumption áreas (hinterland&foreland)

Logistic&transport corridors/chains

EXTERNAL FACTORS

Governance (central, local…)

Regulation framework.

Transport policies

Port-city relationship

Competitors: other ports…

Type of clients/sectors

COMPETITIVE PORTS

INTERNAL FACTORS

Specific governance

Capacity of infrastructures/facilities

Level of perfomance

Price: port charges

Quality perceived: reliability, flexibility, transparency…

SMART – SECURE E – PORT

CONTRIBUTION TO…

GREEN TRANSITION