

GHG strategy

European shipyards and equipment
manufacturers' perspective

Sander den Heijer

Tripartite meeting

17 October 2019

Tokyo, Japan



Global framework

Global challenges:

- UN Sustainable Development Goals
- fulfilling societal needs

European vision:

- A Clean Planet for all - A European strategic long-term vision for a prosperous, modern, competitive and climate neutral economy*

Maritime ambition:

- IMO strategy on the reduction of GHG emissions from ships

* 28/11/2018 - COM (2018) 773

European maritime industry ambition

- The waterborne sector in Europe is determined to take up its responsibility
- Waterborne Technology Platform: the European research and innovation platform for waterborne industries
- This platform has developed an ambitious vision for the sectors:
 - ships and shipping
 - blue growth
 - ports and infrastructure
- Strategic research agenda including a medium- and long-term R&D vision

Waterborne TP vision

Ships & Shipping

- Green and clean waterborne transport
- Safe and secure waterborne transport
- Connected and automated waterborne transport
- Safe, competitive and eco-friendly shipyards and production sites

Green and clean waterborne transport

Mission

- build and operate economically competitive and ships
- exceed the IMO GHG emission reduction goals
- fulfil the EU strategic long-term vision - A Clean Planet for All

Vision

- most sustainable mode of transport
- completely eliminate harmful emissions by 2050

Targets

- 2030 - new-build short sea ships and inland vessels, -50% for other ship types
- 2050 - all ship types operating deep-sea trades
- essential: cross-sectoral cooperation, overall logistic chain
- crucial: identification of innovative business models

Safe, competitive and eco-friendly shipyards and production sites

Mission

- establish an entire production chain of safe, competitive and eco-friendly shipyards

Vision

- leader in design, construction and maintenance throughout lifecycle
- greenest and most innovative ships according highest technical standards
- safe working environment and long-term job creation
- green operation with zero emissions and 100% recycling of production waste

Target

- 2030 - digitisation and automation will lead to the use of advanced design and production technologies, which will deliver flexible and cost-effective ships with competitive production costs and increased productivity by 50%.

Leadership 2030

- SEA Europe's vision for 2030 and beyond
- Maritime technology in Europe: A strategic solution provider for major societal challenges
- Adoption of a new LeaderSHIP Strategy:
 - Recognize maritime technology as a strategic sector for Europe.
 - Recognise maritime technology as a key enabler for innovative solutions, including for tackling societal challenges (e.g. climate change) and for achieving Europe's long-term ambitions (e.g. on climate change, defence and blue growth).

Let's stay in touch!
Let's connect!



Sander den Heijer



SEA Europe
Shipyards' & Maritime Equipment Association