GHG strategy

European shipyards and equipment manufacturers’ perspective

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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

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!

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