



WATERBORNE

Waterborne Technology Platform





01

WHO ARE WE?

WVW



Waterborne TP Association

A European Technology Platform for the Waterborne sector

- All waterborne stakeholders such as ship-owners, shipbuilders, maritime equipment manufacturers, infrastructure and service providers, classification societies, universities or research institutes, waterway and port operators;
- Currently 125 members, representing the main stakeholders of the European waterborne transport sector (shipyards, maritime equipment manufacturers, shipowners, research institutes, academia, associations, etc....),
- Waterborne = Maritime + Inland Navigation and lakes + Ports!
- cPP on Zero-Emission Waterborne Transport and other activities
- Three working groups: Ships & Shipping, Ports & Logistics and Blue Growth



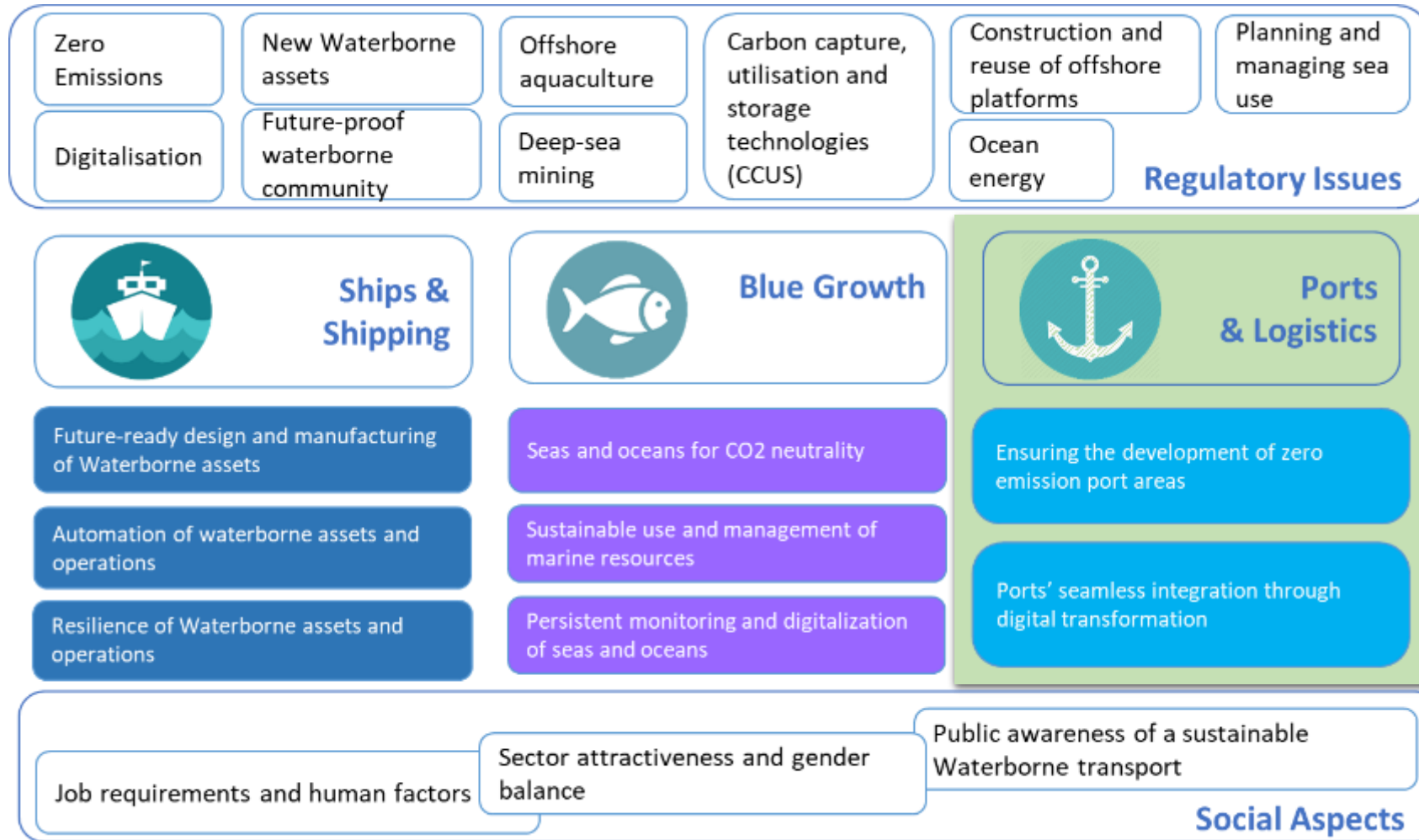


02

**SRIAs OF
THE WATERBORNE SECTOR**



Strategic Research and Innovation Agenda (SRIA) for the European Waterborne Sector – Global view

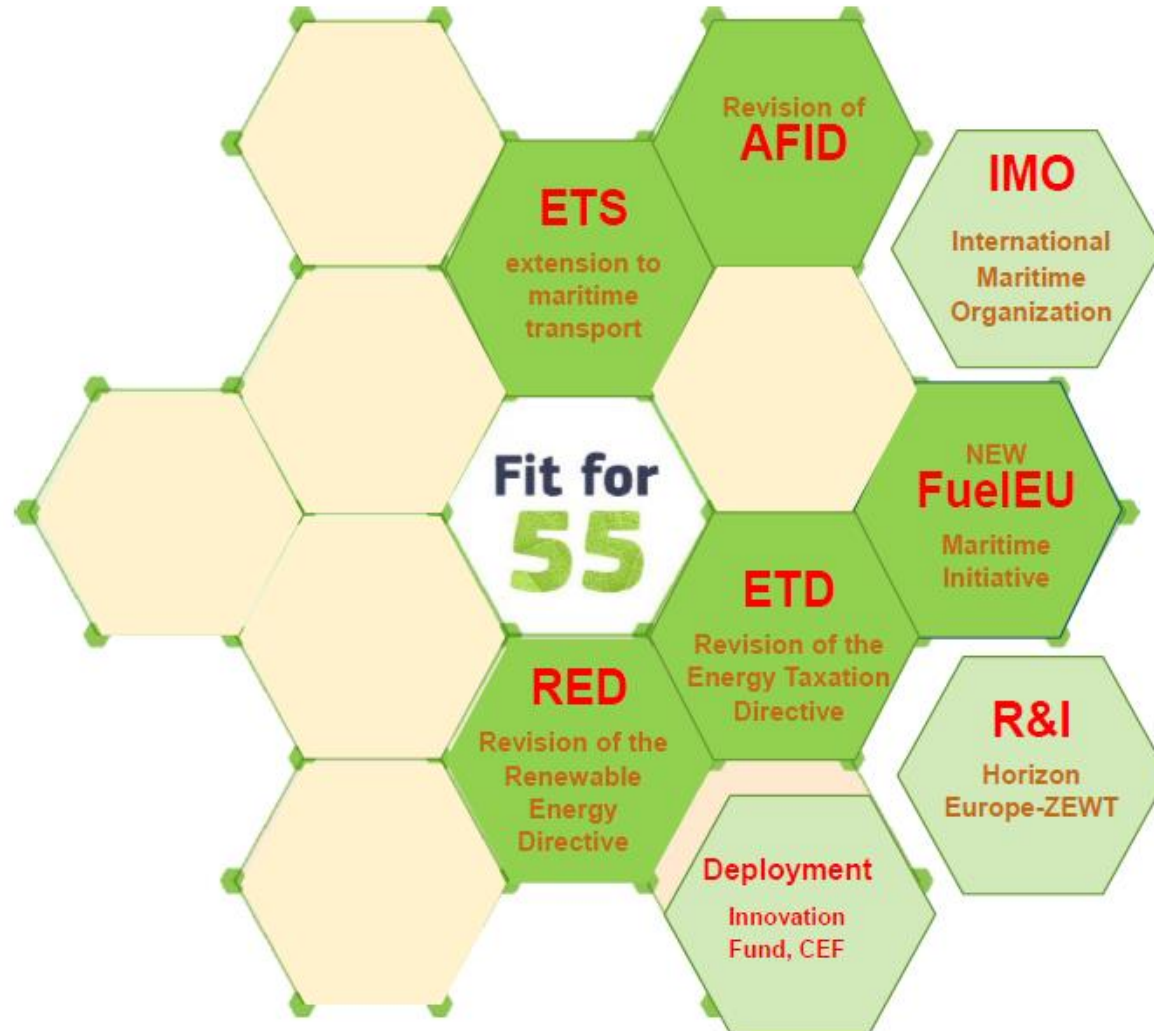




Partnership



Decarbonising Waterborne Transport: “Basket of Measures”



MARITIME

ZEWT= Zero Emission Waterborne Transport Partnership

What is an EU Partnership

- Collaboration between the EU and the Waterborne Association (crucial role of Member States and Associated Countries)
- Definition of roadmap for research, innovation, and technology development
- co-Programming of EU calls for research, including demonstration
- EU will run calls and projects in the normal way
- Spin-off: much more attention for maritime sector in other EU funds (Innovation Fund, CEF)
- Recognition of the importance of the sector (all actors in the waterborne transport ecosystem)



Zero-emission waterborne transport partnership

(Co programmed partnership, lead by Waterborne TP which mobilises a critical mass of over 100 partners, over €0.5 Bn EU funds leveraged 6 times with private investment to achieve zero-emission waterborne transport vessels)

Strategic Research and Innovation Agenda:

R&I to develop and demonstrate zero-emission solutions for all main ship types and services by 2030 which will enable zero-emission waterborne transport by 2050.

Eliminating **GHG emissions** from new ships and retrofitted existing ships by means of sustainable alternative climate-neutral fuels, renewable energies, electrification and energy efficiency.

Cutting coastal and inland pollution to air by at least 50% compared to current levels

Elimination of pollution to water (including harmful underwater noise) from ships

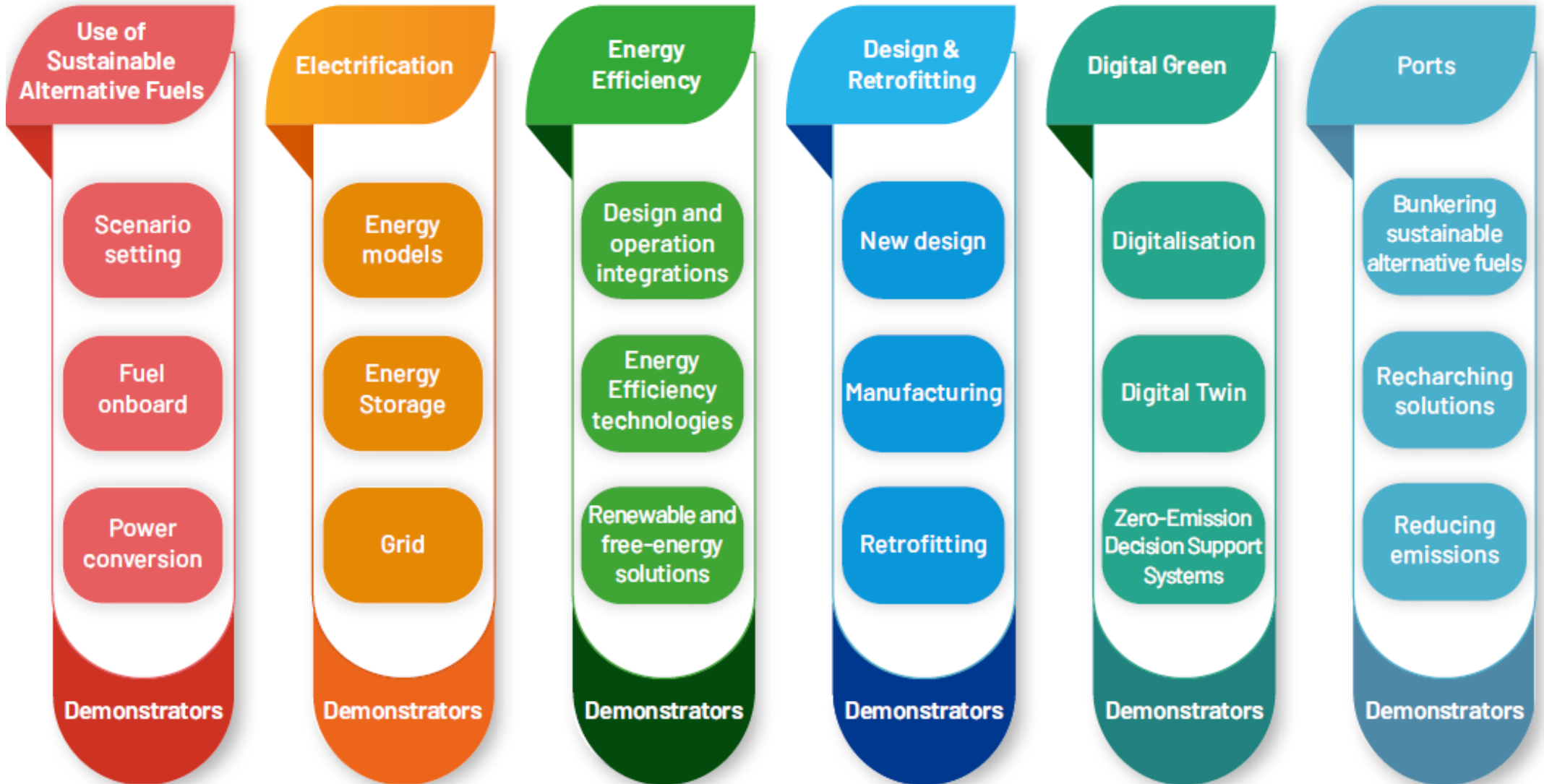


Implementation pathways

- Simplification of fleet into 6 ship types
 - Long distance ships
 - Cruise ships
 - Ferries
 - Inland vessels
 - Short-sea ships
 - Offshore ships
- Distinction made in trade
 - Liner or tramp service
- Both newbuilt as well as retrofiting



Activities





03

TOPIC DEVELOPMENT

WVA



Topic Development

- Based on SRIA for ZEWT;
- Bottom-up approach in Waterborne;
- Co-creation with European Commission Services
- Comitology in Programme Committee Horizon Europe, Cluster Climate, Energy and Mobility
- Topics 2021 / 2022 / 2023 / 2024 developed, and tenders closed;
- Work programme 2025 to be adopted by the European Commission

Innovation Fund

- On 03 December 2024, two calls for proposals to accelerate the deployment of innovative technologies in Europe (€ 4.6 billion);
- €2.4 billion for projects in various sectors. In the maritime sector, support can be provided to, for example, breakthrough innovative technologies and infrastructure, including energy efficiency, sustainable alternative fuels, electrification and zero-emission propulsion technologies such as wind technologies and innovative infrastructure in the maritime sector. The application window will be open until early 24 April 2025;
- The IF24 Auction aims to support renewable hydrogen production. A €1.2 Billion budget will be available for bidders until early 20 February 2025.



04

Future



New European Commission and European Parliament

- Political guidelines for the new European Commission
- Mission letters for Commissioners
- Draghi report
- Industrial maritime strategy
- Port strategy
- Research, development and innovation high on political agenda
- Competitiveness Compass
- Clean Industrial Deal
- Multiannual Financial Framework 2028 – 2035?????

Future



Waterborne Technology Platform

- Long term strategy: Technology Leadership
- Updating Strategic Research Agenda with a timeline for 2040 and 2050
- Working group on digitalization
- Evaluation report Partnership on Zero-Emission Waterborne Transport

Future





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Thank you!

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