



Waterborne Technology Platform





01

WHO ARE WE?



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 114 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



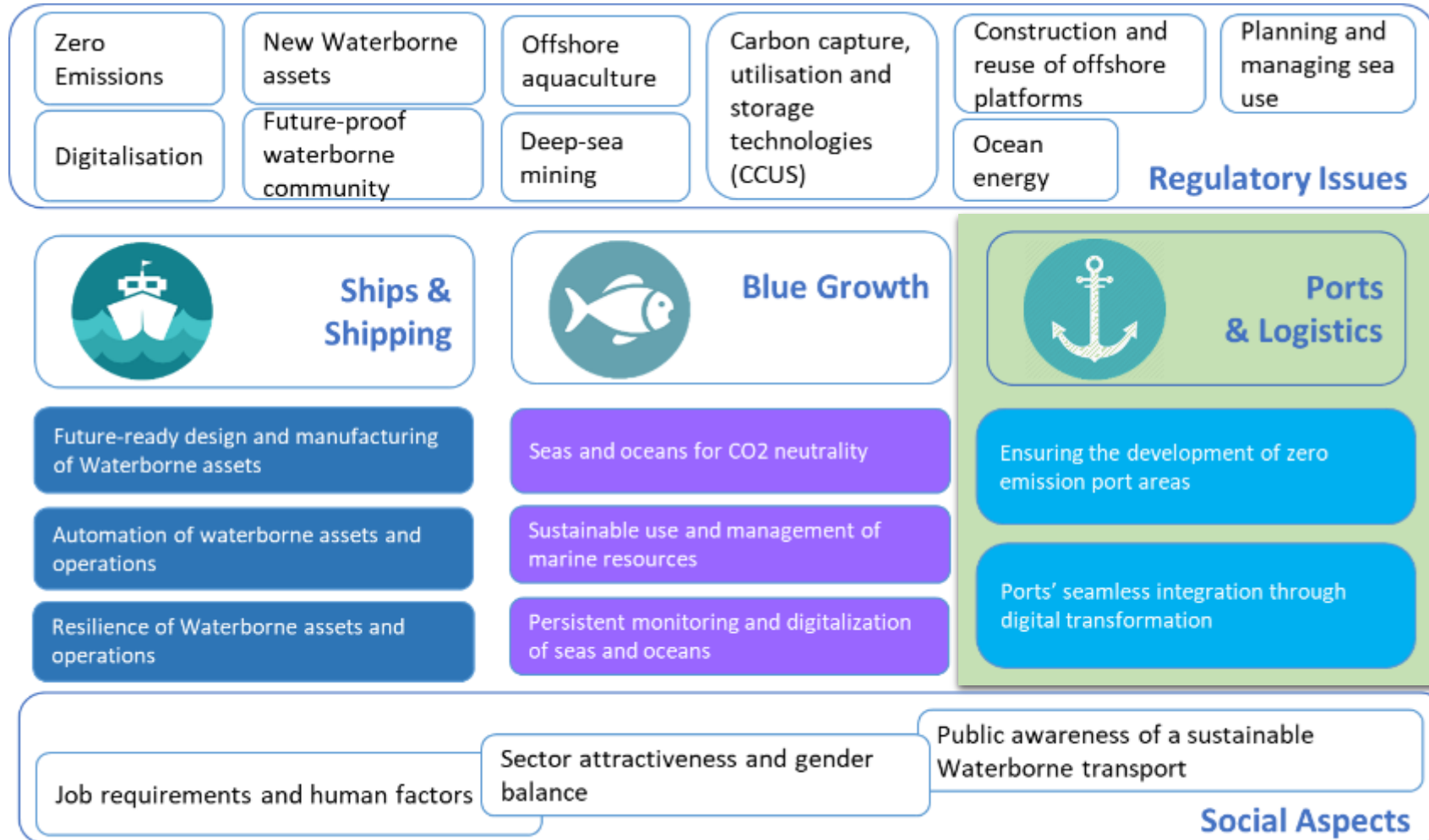


02

SRIAs OF THE WATERBORNE SECTOR



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





Partnership



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



Specific Economic Objective

By 2030:

Implementation of economically viable **European new technologies** and concepts regarding zero-emission waterborne transport,
to strengthen the competitiveness of European industries in growing green ship technology markets and
provide the **capability to enter new markets**, presently dominated by Europe's competitors.

Specific Societal Objectives

Facilitate **development of regulations and policies** at national and international level including the **development of standards** to enable the implementation of technological solutions for zero-emission waterborne transport.

Facilitate the **uptake** of innovative zero-emission waterborne transport technologies and solutions within the European waterborne transport sector supporting economic growth and **European employment**.

Deployment

Deployment

- Commitment of the waterborne transport sector;
- Standardisation;
- Rules and regulations;
- Legal certainty;
- Support for first movers:
 - Connecting Europe Facility;
 - Innovation Fund



TRA 2022

- Stand in exhibition area – including an overview of recent projects;
- Participation in a number of plenary sessions (digitalization, infrastructure, competitiveness);
- Numerous speakers in strategic sessions
- Dedicated sessions planned regarding relevant Portuguese developments in this area
- Continuous discussions about the transition to zero-emission, connected, automated, safe, secure and competitive waterborne transport.



Thank you!

www.waterborne.eu

Jaap.Gebraad@waterborne.eu

