



WATERBORNE

REPORT ON
ACTIVITIES

2022



TABLE OF CONTENTS

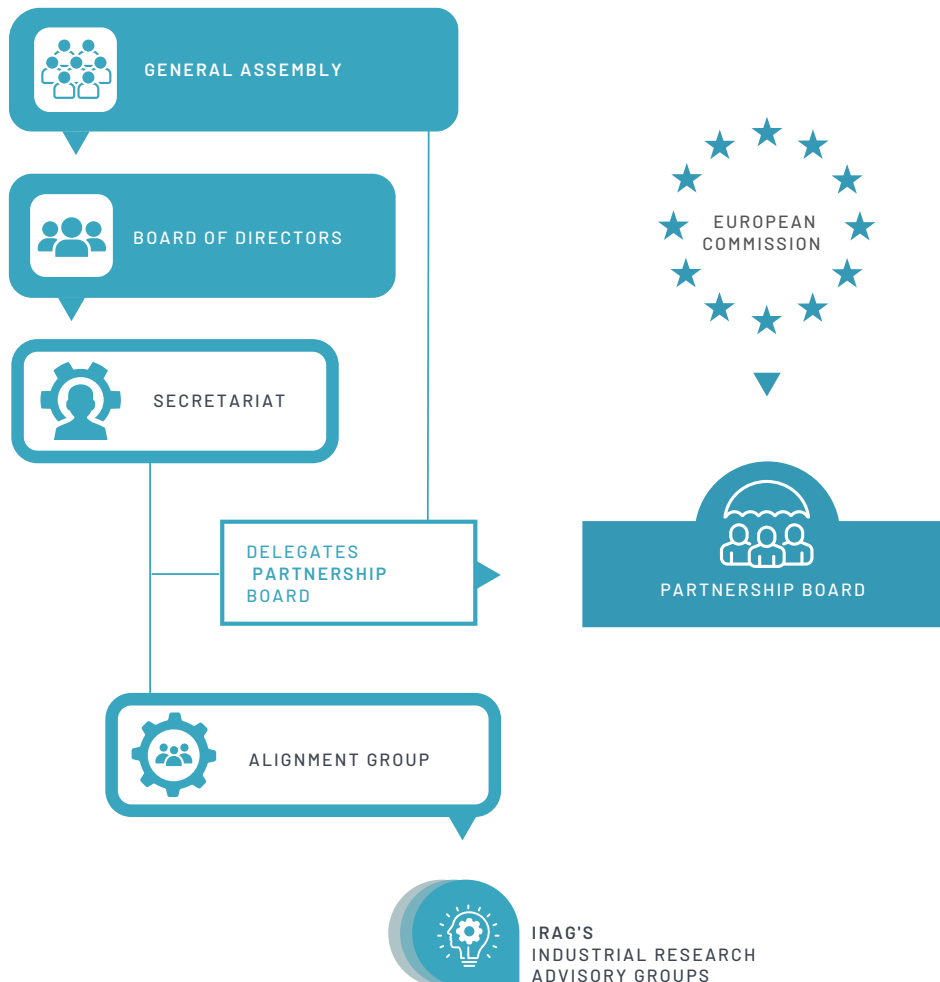
| | |
|--|----|
| Foreword | 3 |
| Organisational Structure | 4 |
| Digitalisation | 5 |
| Meet and Greet | 6 |
| Co-Programmed Partnership on Zero-Emission Waterborne Transport | 7 |
| Projects | 9 |
| Transport Research Arena 2022 | 14 |
| FEPoRT Conference | 15 |
| Info session Innovation Fund | 16 |

FOREWORD

2022 has been a successful year for the Waterborne TP in many ways. The year was characterized by the implementation of the new organizational structure, which has been finalized at the beginning of 2023. In addition, the year was centered around many outreach and communication activities, ranging from organizing conferences up to meetings with national representatives of the European waterborne sector. Furthermore, the input for the work programme 2023 – 2024 of Horizon Europe has been finalized in 2022, and the calls for 2023 have been launched. Finally, in 2022 the membership of the Association further increased, from 110 members at the beginning of the year, up to 123 by the end of December. This report contains a highlight of the most important developments throughout the year.

Jaap Gebraad,
SECRETARY GENERAL

ORGANISATIONAL STRUCTURE



2022 was characterized by the implementation of the new organizational structure of the Waterborne Technology Platform, which includes the Co-Programmed Partnership on Zero-Emission Waterborne Transport (cPP ZEWT). The main bodies of the organization, as well as their activities throughout the year, are summarized in this chapter.

The General Assembly (G.A.) is the highest decision making body of the Association, and its mandate is enshrined in the applicable Belgian law. In 2022, the General Assembly has been conducted in a hybrid format. During the G.A. 2022 the plan of the Alignment Group, the appointment of the Coordinator of the [Alignment Group](#) and the establishment of a taskforce regarding digitalization have been approved. In addition, new [Articles of Association](#) have been approved, in which the new organizational structure has been included.

DIGITALISATION

In 2021, the Board decided to install an ad-hoc thematic group working on digitalisation, which presented its results to the General Assembly in March 2022. During the General Assembly, it was decided to establish a taskforce on digitalisation, to follow-up on the activities of the ad-hoc thematic group digitalisation. Following the General Assembly, the Board appointed Pierre Perrocheau (NAVAL Group) as chair of the taskforce. The taskforce focused on the following tasks:

- Investigation of the state-of-the-art (including TRL) of the different potential applications of digitalisation;
- Identification of technology gaps for their application in the waterborne transport sector;
- Proposal(s) to incorporate the topic of digitalisation in the Waterborne organisational structure.

At the end of 2022, the taskforce submitted its draft report to the Board. During the General Assembly of 2023, the members will be requested to approve the key recommendations made.

The [Board of Directors](#) is the body that, in the interest of all its members, oversees the proper functioning and legality of the Association, and defines its strategies. The mandate of the Board is enshrined in the applicable Belgian law.

MEET AND GREET

One of the concepts introduced by the current Board of Directors, is to conduct the Board meetings at different locations in Europe, to increase interaction with the national representatives of the waterborne sector. On the first day, a meet and greet with the local constituency is scheduled, and on the second day the Board meeting. In 2022, Board meetings have been organized in Paris (May), Hamburg (September) and Piraeus (December).

The meetings in Piraeus have been conducted on 05, 06 and 07 December 2022. On 05 December, a delegation of the Board met with [high level representatives](#) of the Greek waterborne transport sector. On 06 December, a conference has been conducted, which was attended by approximately 80 participants, during which the participants have been informed about the activities of the Waterborne TP, and have provided the Waterborne TP with an overview of the challenges and opportunities of the Greek waterborne sector.



Meet and Greet in Piraeus, © Paterakisphoto

CO-PROGRAMMED PARTNERSHIP ON ZERO-EMISSION WATERBORNE TRANSPORT



Zero-Emission Waterborne Transport



Co-funded by
the European Union

The [Partnership Board](#) is the body that, in the interest of all its members, oversees the proper functioning of the Partnership in alignment with the strategy defined by the Board and approved by the General Assembly.

The Delegates to the Partnership Board form the Delegates Group. The Delegates Group is thus the Waterborne TP part of the Partnership Board.

In 2022, both the Delegates Group and the Partnership Board conducted two meetings. The meetings of the Delegates Group serve to prepare for the upcoming meetings of the Partnership Board. During these meetings, the development of the work programme 2023 – 2024 of the Partnership was reflected upon, as well as the deployment of innovations and international cooperation in the framework of the Partnership. In addition, the framework for monitoring and reporting was one of the recurrent items during the meetings of the Partnership Board. Finally, the Partnership Board approved the work programme 2023 – 2024 as well as the [Additional Activities Plan 2023](#).

The Partnership Board formed a States Representatives Group (SRG), consisting out of representatives of EU Member States and Associated Countries. The SRG advises and actively supports the achievement of objectives of the Co-programmed European Partnership and ensures complementarity with national policies, priorities and programmes. The SRG met once in 2022.

The [Alignment group](#) coordinates the technical RD&I matters of the Association, including the cPP ZEWI, and thereby coordinates the activities of the IRAGs. The members of the Alignment Group consist of the Coordinator, the IRAG chairpersons (chairs and vice-chairs), the Chair of the Delegates Group, the liaison officer(s) and the Secretary General. The Secretariat provides organisational support.

In 2022, the Alignment Group conducted several meetings, either in preparation of the meetings of the Delegates Group / Partnership Board, or in preparation of the two IRAG meetings conducted in 2022.

The Board of Directors has assigned the daily management and representation of the Association in this respect to the Secretary General. In addition, the Secretary General manages the [Secretariat](#) and function as Secretary to various internal bodies. The Secretariat runs the Association on a daily basis, and the detailed responsibilities are included in the yearly plan.

In 2022, the highlights of the activities of the Secretariat are linked to the execution of projects co-financed by the EU and involvement in the organization of the Transport Research Arena 2022.

PROJECTS

1



In January, the [STEERER project](#) organized the third meeting of its [Green Shipping Expert Group](#). The main objective of the meeting was to validate the concrete actions to achieve zero-emission targets, including priorities that are set and agreed, under each of the six areas of intervention as defined in the Strategic Research and Innovation agenda (SRIA) of the ZEWTP Partnership.

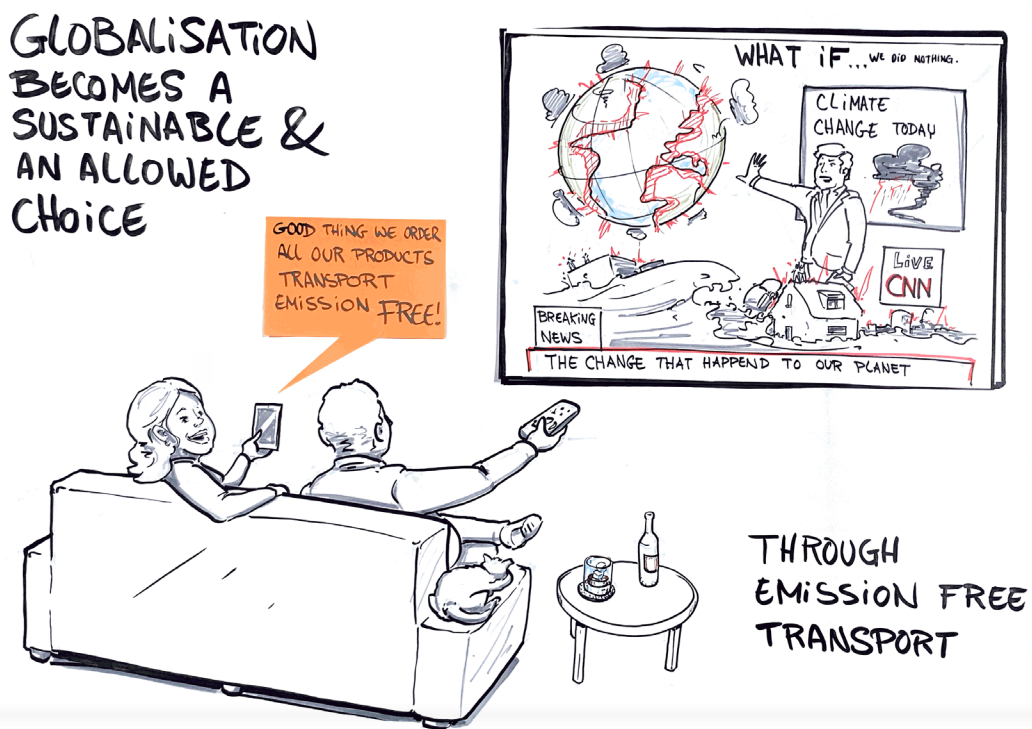
On 7 February 2022 together with the European Climate, Infrastructure and Environment Executive Agency (CINEA) and the Directorate-General for Research and Innovation (DG RTD), STEERER organised the workshop [“Horizon 2020 Research and Innovation delivering smart, green, safe and competitive waterborne transport”](#) with 20 speakers and more than 300 participants attending the event online and in Brussels.



Horizon 2020 workshop

On 21 and 22 September 2022, the final meeting of the Green Shipping Expert Group was conducted in Brussels, and this meeting mainly focused on providing input to the update of the [Strategic Research and Innovation Agenda](#) of the Co-Programmed Partnership on [Zero-Emission Waterborne Transport](#).

On 12 October, the STEERER project organized its [final conference](#) in Antwerp, Belgium. The event “Future Exploration of Waterborne Transport” was an outside-the-box interactive event aimed to bring life to ideas on how to tackle the climate challenges in the morning session and to introduce the participants to the 4 technical sites in Antwerp.



“Future Exploration of Waterborne Transport”



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 875285.



The [LASTING](#) project will broaden engagement of the broader waterborne transport sector in European RD&I activities, by developing a communication strategy, and implementing a long-lasting communication campaign beyond the lifetime of this project, ultimately increasing, stakeholder engagement in the sector and thereby increasing impact of European waterborne transport RD&I.

In 2022, the LASTING project was involved in the participation of various European Commission Services to the [SMM 2022](#). The week included a high level opening session of the stand of the European Commission, an informal high level meeting between representatives of the waterborne transport sector and various European Commission Services, a programme throughout the week regarding RD&I and deployment funding opportunities, as well as a VIP tour in the exhibition area. In the months before the SMM 2022, the LASTING project conducted a social media campaign regarding the participation of the European Commission Services, the Waterborne TP and LASTING to the SMM 2022.

Towards Climate-Neutral Waterborne Transport

➤ Come and visit the European Commission stand to discover how European research and innovation contributes to zero-emission waterborne transport!

LET US
SHOW YOU
WHAT



SHIPPING LOOKS LIKE.

TODAY
6TH SEPT



11 AM – Keynote

'The EU's Research and Innovation Strategy, Towards Zero-Emission Waterborne Transport'

Rosalinde van der Vlies – European Commission, DG RTD, Director C 'Clean Planet'



11:10 AM – Keynote

'The EU's Green Deal and Its Strategy For Clean, Safe and Competitive Waterborne Transport'

Magda Kopczynska – European Commission, DG MOVE, Director D 'Waterborne'



11:30 AM – Keynote

'The European Research and Innovation Platform for Waterborne Industries'

Eero Lehtovaara – ABB/Chairman of Waterborne TP



11:40 AM – Keynote

'A new Zero-Emission Waterborne Transport public private Partnership'

Ingrid Marie Andersen – Maersk/Co-Chair of ZEWT Partnership

Upcoming Topics

DAY 2
7TH SEPT

- Decarbonising Waterborne Transport
- Electric Vessels
- Next-Gen Engines

DAY 3
8TH SEPT

- Clean and Sustainable Shipping
- Alternative Fuels

DAY 4
9TH SEPT

- Safe Waterborne transport
- Smart and Autonomous ships



AGENDA
& MORE

LASTING is a Horizon 2020 funded project that broadens engagement of the waterborne transport sector in European R&I activities through communication activities and their support.

📍 Find us at the European Commission stand at Hall A3, Stand 203

#EUGreenDeal

#HorizonEU

#EUPartnerships

#SMMfair

LASTING Advertisement



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 101006923.

3



PLATINA3

IWT policy platform

The EU-funded PLATINA3 project will provide for targeted coordination and support activities to promote inland waterway transport (IWT) in Europe. Starting from January 2021, the project will run for 30 months.

The Waterborne TP is responsible for the R&D roadmap for inland waterway transport, which will serve as a basis to provide input to the regular update of the SRIA in the context of the cPP on Zero-Emission Waterborne Transport.

During the project's fifth stage event, taking place in Budapest in October 2022, Waterborne presented the draft "Roadmap for onboard systems allowing automation of inland navigation vessels".



Funded by the Horizon H2020 Programme of the European Union under grant agreement No. 101006364

4



Sustainable energy deployment within an existing transport network needs timely coordination of all stakeholders, including energy production capacity, storage, bunkering logistics in harbours, and ships as end-users. The EU-funded NEEDS project will develop a dynamic techno-economic model to assess different scenarios at regional level. The project proposes a framework and methodology to simulate maritime or inland regions, containing regional facts on the transport network, hindcast data

of environmental conditions and regional energy production needs. Scenarios will allow to identify bottlenecks and needs to make such transition a success. The model will support the EU, the regional waterborne community, and the harbours, offering an assessment of the most efficient pathways towards their energy transition on local and regional levels. Within the project, the Waterborne TP is responsible for communication, dissemination and exploitation.



The NEEDS project has received funding from Horizon Europe research and innovation programme under grant agreement No. 101056938

TRANSPORT RESEARCH ARENA 2022

From 14 to 17 November 2022, the [Transport Research Arena\(TRA\)2022](#), has been conducted in Lisbon. TRA, the largest European research and technology conference on transport and mobility, co-organised by DG RTD and DG MOVE of the European Commission and the hosting country, with support from the European Technology Platforms. The TRA 2022 was a successful event for Waterborne, with participation to 14 plenary and strategic sessions, as well as numerous scientific and technical sessions. In addition, the Waterborne TP had an exhibition stand, with participation of 14 EU-funded projects.



Stand of the Waterborne TP at TRA 2022

FREPORT CONFERENCE

On 1 December 2022, Waterborne was one of the co-organisers of the [Seventh Annual Stakeholders' Conference](#) of FREPORT. The theme of the conference was "how to preserve EU transport sector competitiveness in a world of perma-crisis" and consisted of 3 panel sessions. RD&I and the deployment of innovations were amongst the issues frequently discussed during the conference.



Freport Conference 01 December 2022

INFO SESSION INNOVATION FUND

Following-up on earlier info sessions, the Waterborne TP organized an online info session regarding the [Innovation Fund](#), and specifically the 3rd call for Large Scale projects on 28 November 2022. Representatives of DG MOVE, DG RTD and DG CLIMA informed the participants about the most recent legislative developments, the link with the activities in the framework of the cPP on Zero-Emission waterborne transport, and the specificities of the 3rd call for Large Scale projects.

In addition, various Townhall meetings as well as one brokerage event have been organized in 2022.



WATERBORNE

Waterborne Technology Platform VZW
Rue de la Loi 67
1000 Brussels
Belgium

0734.599.806

LER Brussels, Dutch speaking section

info@waterborne.eu

www.waterborne.eu

