

# WATERBORNE<sup>TP</sup> Newsletter

Issue 2 - November 2015

This is the second Issue of the **WATERBORNE** Technology Platform Newsletter, the purpose of which is to provide a regular update on activities of the Platform. Topics discussed in this Issue include:

- FP7 Coordination & Support Action – MESA [Maritime Europe Strategy Action]
- Horizon 2020 – SETRIS [Strengthening European Transport Research & Innovation Strategies]
- Maritime Innovation and Brokerage Event 2015 [MIBE 2015]
- European Transport Research Conference, Warsaw, Poland - 18-21 April 2016 [TRA 2016]

## FP7 Coordination & Support Action – MESA [Maritime Europe Strategy Action]

*The main objective of the **FP7 Coordination & Support Action – MESA [Maritime Europe Strategy Action]** is to strengthen the effectiveness of the research and innovation capacities of the European maritime industry, by improving dissemination of research results, and increasing the visibility of the R&I findings; and fostering the definition of the maritime R&I transport policies. MESA is presently undertaking the following activities:*

1. *Developed four major themes (via Thematic Technology Groups on Energy Efficiency, Safety, Production, E-Maritime) and performing an in-depth analysis and assessment of the achievements at EU and National level, to foster future strategic lines in research and innovation,*
2. *Updating the **Waterborne TP** Vision, Strategic Research & Innovation Agenda and an Implementation Plan/Roadmap to close the gaps between research and market uptake,*
3. *Enhancing a network for the exchange of ideas and priorities, and raising the waterborne value chain profile and visibility in Europe.*

Progress to date has focussed on two primary areas:

- Production of State-of-the-Art reports, by the four Thematic Technology Groups, i.e. Energy Efficiency, Safety, Production, and E-Maritime. In addition to extensive analysis of past R&D projects undertaken within both Europe, and more globally, these were developed with input from both industry and researchers during a series of workshops.
- Foresight activity resulting in three reports providing market, societal and regulatory trends.

The majority of these documents are presently available on the **Waterborne TP** website, at <http://www.waterborne-tp.org>.

Based on the above analyses, an Integration Group has been set up to update the relevant **Waterborne TP** documents for the waterborne sector, i.e. the Vision, Strategic Research & Innovation Agenda and an Implementation Plan/Roadmap to close the gaps between research and market uptake the Foresight. It is important that the wider maritime community, including industry, Member States, transport operators, regulators, etc., are able to participate in this process and, therefore, draft documents will be made publically available for review in February 2016, before being finalised.

**Horizon 2020 – SETRIS [Strengthening European Transport Research & Innovation Strategies]**

*SETRIS is a two-year project that commenced on the 1st May 2015. It brings together five Transport European Technology Platforms (ETPs) – WATERBORNE for maritime transport, ERRAC for rail transport, ERTRAC for road transport, ACARE for air transport and ALICE for freight and logistics, into one consortium, coordinated by ECTRI (the European Conference of Transport Research Institutes) and Newcastle University. It has the following objectives:*

1. *To identify synergies between the transport European Technology Platforms’ (ETPs) Strategic, Research & Innovation Agendas (SRIAs) and between these and relevant National platforms;*
2. *To review and update the existing SRIAs for each of the transport ETPs within a multi-modal and integrated transport system framework;*
3. *To benchmark past and present research initiatives affecting the achievement of integrated transport SRIAs and market uptake;*
4. *To define comprehensive, credible and realistic implementation plans for each SRIA in a coordinated framework of running ETPs;*
5. *To support, shape and contribute to future TRA events.*



The **Waterborne TP** is represented in SETRIS by SEA Europe, BMT and TNO. In view of the work presently being undertaken within the MESA project, i.e. Energy Efficiency, Safety, Production, and E-Maritime, the focus in relation to updating the SRIA will be in two areas, i.e. waterborne transportation and interoperability, and Blue Growth. The former will include shipping and port operations, inland waterways, and automation, to ensure that waterborne transport becomes more integrated with land-based transport. Blue Growth includes seabed mining, marine renewable energies, aquaculture, and ocean observation.

Further information on SETRIS is available at <http://newrail.org/setris/>.

## **Maritime Innovation and Brokerage Event 2015 [MIBE 2015]**

MIBE 2015 was held on the 10th and 11th November 2015, on board the former passenger ship SS Rotterdam, in its home port in the Netherlands. More than 140 professionals from seventeen countries attended to share R&D opportunities, meet experts on Horizon 2020, and find opportunities for cooperation.

The Chairman, Graham Clarke, officially opened the event, followed by the Keynote Speaker, René Berkvens, CEO of Damen Shipyards Group, who presented the role of shipyards in the European research programs and how these programs support both European policy as well as the interest of shipyards, equipment suppliers and ship operators. Speakers Pierre Perrocheau, Technical Advisor at SEA Europe, and Chris Campbell, Executive Director of Vessels for the Future [VftF], each gave a presentation on the status of the Blue Growth activities and the VftF high level goals for 2050, respectively.

In the afternoon there were presentations about the achievements of EU innovation projects (JOULES, MOSAIC, RETROFIT and LEANWIND) as well as future opportunities available in Horizon 2020. Twenty-five organisations took part in the pitch presentations to present themselves to possible project partners. New in the programme were the speed dating sessions called 'MIBEMatch'. In pre-arranged 20-minute meetings, more than 60 participants met with new research partners and discussed their project ideas.

The second day started with a presentation by Brigit Gijsbers, Director of Maritime Affairs in the Dutch Ministry of Infrastructure and Environment. The day ended with three rounds of parallel brokerage sessions in which detailed information on specific Horizon2020 calls was provided and potential project proposals were discussed.



Further information, including the presentations, is available at <http://maritimebrokerageevent2015.eu>

## European Transport Research Conference, Warsaw, Poland - 18-21 April 2016 [TRA 2016]

TRA 2016 will be one of the most important European conferences on transport research, focusing on all of the research fields of the transport system. The conference's topics address the main challenges in transport and mobility of people and goods, with respect to energy, environment, safety and security and the economy issues. Results of the latest research on: road, rail, waterborne, cross-modal transport and airports will also be presented and discussed on the Arena.

The member organisations of TRA 2016 are the European Commission, the Conference of European Road Directors and the four European Technology Platforms on surface transport. Every two years, TRA is hosted by a different country, with TRA2016 being organised by the Ministry of Infrastructure and Development of the Republic of Poland and the Road and Bridge Research Institute.

The **Waterborne TP** will be represented at TRA 2016, both within the exhibition, with a Stand, but also through a number of Papers and Presentations.

The topics of the Conference are:

1. Environment – Decarbonisation, Sustainability and Energy Efficiency
2. Vehicles & Vessels Technologies, Design and Production
3. Urban and Long-Distance People Mobility - Systems and Services
4. Urban and Long-Distance Freight Transport and Logistics
5. Safe, Secure and Resilient Transport Systems
6. Transport Infrastructure
7. Human Factors, Socio-Economics and Foresights
8. Automation and Connectivity
9. Enabling Environment for Innovation Implementation

For latest news, general information and registration go to: <http://www.traconference.eu>

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