



NEWSLETTER 8

E-SHYIPS AT THE ISO TC8 PLENARY MEETING

We are excited to share the latest updates from our journey toward standardisation in hydrogen adoption for maritime passenger transport sustainably: the e-SHYIPS Project was protagonist at ISO/TC8 Plenary Meeting in Athens.

The e-SHYIPS project recently took the spotlight at the ISO/TC8 Ships and Marine Technology Plenary Meeting, held in Athens, Greece, on 21-22 September. This appointment of the international community of experts in design, construction, training standardisation for maritime vessel and structures subject to IMO requirements marked a significant return to face-to-face meetings after three years of exclusively online interactions.

At the ISO/TC8 meeting, the e-SHYIPS project captured the attention of safety experts and maritime academics from around the world. Our presentation not only showcased the strides we've made but also ignited discussions on the crucial role of safety in new fuel integration, shaping the future of maritime sustainability.

The e-SHYIPS project, designed to explore industry and safety standards for hydrogen integration in maritime passenger transport, was presented by the project coordination team of Politecnico di Milano, specifically by prof. Arianna Bionda. The presented analysis introduced significant challenges in risk mitigation for maritime passenger transportation sector by exploit the state-of-the-art use of hydrogen in passenger ferries. The discussion was brought on the necessity to establish an ecosystemic approach to tackle complexity in new fuel adoption, involving multiperspective analysis from international stakeholders.

In presenting the first steps of pre-standardization plan for IGF code update (International Code of Safety for Ships Using Gases or Other Low-flashpoint Fuels), e-SHYIPS representatives resonated strongly with attendees at the plenary meeting. Safety experts were particularly intrigued by our bottom-up approach and lean-agile methodology, designed to identify gaps in the current regulatory frame. The ISO/TC8 community expressed interest in the presented methodology, recognizing its potential for broader application encompassing the array of new fuels emerging in the ever-evolving landscape of maritime transportation.

The participation to the ISO/TC8 meeting served not only as a platform to share and get feedbacks on the specific approach taken by the e-SHYIPS project, but also as an important opportunity to strengthen the relationships with the Maritime Standardisation community for potential collaborations, ensuring that the e-SHYIPS project remains at the forefront of industry advancements.



YOUNG SCIENTIST AWARD 2023

Our e-SHYIPS member, Giovanni Di Ilio, Researcher at University of Naples Parthenope, has been elected Best Researcher of the Year 2023 by the Hydrogen Europe Research.

The Young Scientist Award is an annual competition organized by Hydrogen Europe Research to recognize young outstanding researchers (under 36 years of age) who have distinguished themselves in the field of hydrogen and fuel cells technologies, and who have contributed in Clean Hydrogen Partnership projects.

Same as last year, the competition revolved around four pillars, reflecting the structure of the Clean Hydrogen Partnership. One young scientist was awarded in each pillar, and one was elected "Best Researcher of the Year":

- Hydrogen production: Drialys CARDENAS MORCOSO (LIST)
- Hydrogen storage and distribution: Tom DEPOVER (University of Ghent)
- Hydrogen usages: Elena CRESPI (Fondazione Bruno Kessler)
- Cross-Cutting activities: Sergii KASHKAROV (Ulster University)
- Best researcher of the year: Giovanni DI ILIO (University of Naples Parthenope)

The ceremony took place on November 22nd during the European Hydrogen Week, in Bruxelles.

Congratulations to Giovanni and the other winners!

