



Policy Workshop
**“Hydrogen as Maritime Fuel:
Defining New Guidelines for a Sustainable Future”**

**27th May 2024,
CEN-CENELEC Management Centre (CCMC), Brussels**

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Concept Note

The maritime sector's share of greenhouse gas emissions continues to grow, being a challenge that must be addressed to align with the International Maritime Organization's (IMO) new **strategy for reducing GHG emissions from ships**, adopted in July 2023. This effort is crucial to achieving overall **environmental goals** at both the **EU** and **international levels**.

In this context, **hydrogen** is considered a promising energy vector to support the **decarbonization** of the maritime industry. However, **several challenges** related to its technical, regulatory, commercial and economic implementation **remain unresolved**.

The **e-SHyPS project** aims to define **new guidelines** for the effective introduction of hydrogen in the **maritime passenger transport sector**. Engaged in the development of a **regulatory framework**, and through its **standardization plan** and **adoption roadmap**, e-SHyPS stands at the forefront of the development of **hydrogen-based alternative fuels for waterborne transport**.

Therefore, e-SHyPS is pleased to organize the **Policy Workshop: "Hydrogen as Maritime Fuel: Defining New Guidelines for a Sustainable Future"**, scheduled on 27th May, Brussels, Management Centre and Meeting Centre CEN/CENELEC (Rue de la Science 23 (1040 Brussels))

During the event, the project's progress and innovations will be presented, with a special focus on **best practices** and **use cases** related to the **implementation of H2 systems on passenger ships**. The event's scope is to **support market operators** from both **standardization** and **policy perspectives**, fostering alignment between companies and policymakers regarding barriers and challenges to be overcome. The event aims to create a system of experiences shared by companies and research projects, marking an **important step in the implementation of hydrogen in the maritime passenger transport sector**.

Acknowledgements

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AGENDA

11:30 12:30	Networking lunch	
12:30 12:40	Welcome & opening	Catherine Vigneron , Deputy Director Standardization CEN/CENELEC
12:40 12:50	Setting the scene <i>Hydrogen as a fuel: the European policy</i>	Georgios Chatzimarkakis* , Hydrogen Europe CEO
12:50 13:00	Agenda of the day	Brendan Sullivan , coordinator e-SHyIPS Project, Politecnico of Milan
13:00 14:00	A policy perspective: decarbonize the maritime sector using hydrogen <i>Actions and key priorities at the EU level</i>	<p><i>Setting the scene:</i> Ricardo Batista, Policy Officer, DG MOVE Waterborne</p> <p>Department Moderator: Brendan Sullivan, Politecnico of Milan</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Marcos Gonzalez, Deputy Head of Unit Carbon Markets and Clean Mobility, DG CLIMA • Maria Guillén, Policy Officer, DG RTD, Clean Transport Transitions • Representative from DG COMP* • Mirela Atanasiu, Executive Director and Head of Unit, Clean Hydrogen Partnership
14:00 15:00	An industry perspective: best practices and use cases <i>Barriers to hydrogen implementation, required supportive measures</i>	<p><i>Setting the scene:</i> Onder Canbulat, PhD, IMO Delegate</p> <p>Moderator: Viviana Cigolotti, Head of Technologies Dpt ENEA</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Georgios Chatzimarkakis, Hydrogen Europe CEO • Fanny Lossy, Director for Climate, Environment and Safety, ECSA • Anaëlle Boudry, Senior Policy Advisor Sustainable Development, Energy and Blue Growth, ESPO, EcoPorts Coordinator • Paolo Guglia, Innovation and Policy Manager, Fincantieri
15:00 16:00	The role of standardization <i>At European and International level, which are the activities foreseen in the next future?</i>	<p><i>Setting the scene:</i> Keynote: Bernard Gindroz, CEN/CENELEC JTC 6 Chairman</p> <p>Moderator: Cristina Di Maria, UNI Italian Standards Body</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Lorenzo Pollicardo, SYBAss, IMO representative • Alessandro Maccari, Marine R&D Director RINA • Chara Georgopoulou, Head Maritime R&D DNV • Elena Mocchio, Head I&D UNI • Antonio Bonaccorso, Tech&I Manager Bureau Veritas
16:00 16:10	Closing remarks	Brendan Sullivan , coordinator e-SHyIPS Project, Politecnico of Milan

*Ongoing invitation