



SAVE THE DATE | Workshop

New green fuels: safety and security related to sourcing and supply chain

16 October 2024 - The Quartz Conference Center, Brest, France

Why participating in this workshop?

This workshop will give an overview of issues related to hydrogen and e-fuels with case studies illustrations.

Context

Energy transition is a core strategy of the European Commission with challenging steps to “green” the maritime transport. The ports are cornerstones of the strategy, as hubs for transport and energy. To reach the goal, ports, shipping companies and energy industries must work together to align their own transition plan, with realistic steps crossing the maturity of new green fuels, the availability of energy distribution network and adapted transportation fleets. Safety and security issues are part of the challenge, all over the provisioning chain: production, storage, distribution, and fuelling.

Objective

The workshop will cover these several aspects of safety and security issues related to energy transition and green fuels. The port of Brest, organizer, together with its European projects’ partners will invite ports, shipping and energy companies, public and private parties responsible of ports and shipping safety/security. It will allow sharing experience and approaches between different countries and ports to set out (ideally) harmonized regulations and procedures.

Your contacts

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General agenda of the workshop

09:30 - 12:00 | Session 1 - Safety, regulations, and procedures: from production to final use

09:30 - 09:40 | Welcoming and opening speech

09:40 - 11:00 | Panellists' presentations

Through case studies and analysis of procedures, regulations and possible barriers, the session addresses safety related to the use of new & incoming green energies (LNG, H2, ammonia, e-fuels, electricity) from the production, storage, distribution/ fuelling, consumption and ship repairing (LNG feedback) steps.

11:00 - 12:00 | Round table with the panellists and the audience

15:15 - 17:45 | Session 2 - Sustainability and security of hydrogen sourcing

15:15 - 15:25 | Welcoming and opening speech

15:25 - 16:45 | Panellists' presentations

The session addresses national and European energy autonomy considering the production capacities of new green fuels/energy, security and protection of key infrastructures: how securing the supply chains, ensuring the protection of key infrastructures (ports, corridors), what are the risks associated to changing regulations, how will we secure the change of scale between small- and large-scale usage of new fuels/ electricity.

16:45 - 17:45 | Round table with the panellists and the audience

More about the Sea Tech Week event

Sea Tech Week is an international event dedicated to marine and maritime science and technology. It attracts every 2 years 1,200 top international experts, representing a wide variety of ocean-related disciplines. For more than 20 years, this event has forged and strengthened international collaboration, research and business in marine science and technology. For this new edition, Ireland is the country of honour with the topic of maritime safety and security. Sea Tech Week will hold from 15 to 17 October 2024 in Brest, France. This event will feature 3 high level sessions, 30+ workshops on different topics, a professional trade fair and BtoB meetings.

Highlights of interest to speakers and participants of the workshop **New green fuels: safety and security related to sourcing and supply chain:**

15 OCTOBER 2024

14:00 - 15:00 | High level session - Maritime surveillance, action by the state at sea, sovereignty, non-defence activities

16 OCTOBER 2024

13:30 - 14:30 | Meeting - Hydrogen and e-fuels for ports decarbonation (*alongside Sea Tech Week*)

17 OCTOBER 2024

09:30 - 12:30 | Workshop - Ammonia as a maritime fuel: bridging knowledge gaps for a safe and green future

14:00 - 15:00 | High level session - Safety of good and people, resilience at sea

15:15 - 17:45 | Workshop - Safety related to hydrogen and new fuels on board ships and in port facilities



Organisers

3 European brother projects under a common banner to facilitate discussions and build synergies between Atlantic and Nord Sea Areas.



GREEN SUPPLY CHAINS Interreg North Sea project (01.2024-12.2026) will design and demonstrate solutions for short term energy transition in ports including their logistic/transport chains. Coordinated by Port of Hamburg Marketing and Authority, it brings together 10 partners from Germany, Sweden, The Netherlands, Denmark, and France.



NORTH SEA H2 VALLEY PORTS Interreg North Sea project (01.2024-12.2026) aims at creating hydrogen import/export networks centred on ports of the North Sea, considering the specific port use cases including shipping lines and shipping refuelling needs. Coordinated by New Energy Coalition, it brings together 9 partners from The Netherlands, Denmark, Germany, Sweden, and France.



HYDEA Interreg Atlantic Area project (10.2023-09.2026) aims at creating hydrogen markets in the ports, designing and demonstrating use cases and preparing the hydrogen import/export network based on ports of the Atlantic Area. Coordinated by EnergyLab, it brings together 10 partners from Portugal, Spain, France, and Ireland.

