

Combi Port Course

GREEN HYDROGEN: from a port's perspective

30/09 – 25/10 2024 Online

11/11 – 15/11 2024 In Antwerp



A smart port connecting smart people



Port of
Antwerp
Bruges
International

WHY

The maritime and industry sector is embarking on a revolutionary journey towards sustainability, with green hydrogen as promising tool in this transformation. This comprehensive course dives into the world of green hydrogen and its impact on industry, ports and the supply chain. The course puts a focus on the increasing role of ports in the energy transition as export location, import hub and offtake platform. The participants will gain the knowledge and skills needed to navigate the evolving landscape of clean energy in port and maritime environments.

Learn from industry experts of the port and the industry about the advancements in green hydrogen technology, its applications in the maritime sector, and its pivotal role in decarbonizing the industry. The course will be presented by experts of Port of Antwerp-Bruges, policy makers and industry experts from within the Port of Antwerp-Bruges national and international network.

FOR WHOM

This course is directed towards professional who are involved in the energy transition in both public and private organisations.

- Experts and managers in a port/energy environment
- Government officials and policymakers in energy and transport
- Investors in supply chain, energy and ports
- Industry professionals looking for a deeper understanding of the supply chain

WHAT

The programme consists of 4 modules:

1 The Hydrogen economy

- The role of green hydrogen in the energy transition
- The basics of hydrogen production and technology
- Hydrogen and its derivatives
- Hydrogen transport & storage

2 Ports & the Green hydrogen supply chain

- Green hydrogen from a ports perspective
- Ports as energy hubs: infrastructure and transport
- The supply chain model of green energy
- The roles and responsibilities of port authorities in the H2 supply chain

3 Hydrogen applications

- Application in maritime transport
 - Powering vessels with H2
 - H2 in port operations and infrastructure
- Industry applications in chemistry, hard to abate sectors, power & heat
- Transport and other applications

4 H2 Framework

- The impact of green hydrogen on international maritime regulations
- The regulatory framework in the EU
- Best practices in H2 business cases
- Safety regulations and permitting in H2 handling and transport
- Career opportunities and training possibilities

Contact us



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