



Port of
Antwerp
Bruges
International

Combi Port course

ENERGY TRANSITION

Online: 03/11/2025 - 28/11/2025

In Antwerp: 08/12/2025 - 12/12/2025



A smart port connecting smart people

WHY

The maritime and industry sector is embarking on a revolutionary journey towards sustainability. This comprehensive course dives into the world of energy transition and its impact on industry, ports, and the supply chain. The course focuses on the increasing role of ports in decarbonization. The participants will gain the knowledge and skills needed to navigate the evolving landscape of clean energy in port and maritime environments.

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 5 modules:

- **Introduction**
 - What's the problem?
 - Carbon pathways
 - Global energy transition
 - Port-specific challenges
- **Renewable Energy & Electrification**
 - Renewable Energy Integration
 - Electrification of operations
 - Gas as a transitional fuel
 - Energy Storage
 - Energy Efficiency
 - Pipeline infrastructure in the port
- **Regulatory Framework**
 - Policy making in application of renewable energy sources
- **Hydrogen & Renewable fuels**
 - Hydrogen economy and Derivatives
 - Biofuels and Renewable Fuels
 - Hydrogen and Renewable fuels in maritime applications and global progress
- **Carbon Management & CCUS**
 - Carbon capture, utilization and storage (CCUS)
 - Afforestation and land use
 - Circular economy, emission and waste reduction
 - Green shipping corridors

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