

A smart port connecting smart people



Port Course in Antwerp

**SUSTAINABLE AND  
RESILIENT PORT  
MANAGEMENT**

17/03/2025 - 28/03/2025



**Port of  
Antwerp  
Bruges**  
International

## WHY

Ports play a vital role in promoting sustainability and resilience by balancing efficient operations with environmental responsibility. Through green technologies, climate-adaptive infrastructure, and digital tools, they reduce emissions, enhance resource efficiency, and prepare for disruptions like extreme weather. By collaborating with stakeholders and complying with global standards, ports drive sustainable development and ensure a resilient global trade network.

## FOR WHOM

The program would benefit a wide range of roles, including health and safety officers, security managers, environmental specialists, and operational leaders like port and terminal managers. It supports those responsible for maintaining safety, security, and environmental compliance, as well as crisis management experts, regulatory officers, and training coordinators, helping ensure safe, secure, and sustainable port operations.

## WHAT

This course equips professionals with the knowledge and skills to manage ports in a way that promotes sustainability, resilience, safety, and security, while addressing environmental, social, and operational challenges. It focuses on integrating sustainable practices, resilience strategies, and safety measures into port operations, infrastructure, and management.

### It contains 6 modules:

- **Foundations of HSSE in Ports**
  1. Overview of HSSE principles
  2. International frameworks and standards
- **Health and Safety Management**
  1. Risk assessments and hazard identification
  2. Safety practices and incident mitigation
- **Port Security and Emergency Preparedness**
  1. Physical and cybersecurity in ports
  2. Emergency response planning
- **Environmental Management and Sustainability**
  1. Sustainable strategies for modern ports
  2. Advancing environmental practices
- **Continuous Improvement**
  1. Innovations in ports
  2. Digitalization
- **Communication**
  1. Crisis communication
  2. Stakeholder Management

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