

# Principles of chemical spill response

IMO manager level



4 days - 28 hrs

In person

Cedre, Brest

5-8 Nov. 2024



Navies, administrations and local government, emergency services, private response teams, shipping companies, port personnel, oil industry, chemical industry



Inter-company  
Trainees:  
8 min. – 20 max.

Trainers:  
Cedre, INERIS, LASEM,  
naval fire-fighters



Course fee including refreshments and lunches  
€2,780 excl. tax

**For French administrations and fire services**  
€2,095 excl. tax



Do you have a disability? To ensure we best accommodate your needs, please contact: [formation@cedre.fr](mailto:formation@cedre.fr)

Optional

Accommodation & transfers package: €720

## Aims

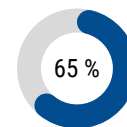
- Identify spill risks related to maritime transport
- Anticipate the fate and behaviour of oil and chemical spills in the aquatic environment as well as hazards for humans and the environment
- Seek out initial information and effectively manage the initial stages of the response
- Gain concrete knowledge of the actions and strategies to be implemented following a spill
- Be aware of the capabilities of responders, key stakeholders and technical support organisations/experts who can be mobilised
- Contribute to the development of contingency plans covering chemical risks

## Content

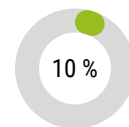
- Maritime transport of chemicals
  - Challenges of response at sea
  - Data on maritime transport and past incidents
- Chemicals:
  - Risks and behaviour
  - Effects on humans, threshold values and protection measures
  - Classifications
- Assessment and decision support tools: mobilisation of national resources, PPE, detection and sampling, drift and atmospheric modelling
- Response strategies for: containers and packages, bulk cargoes
- Issue of liquefied gases
- Monitoring environmental contamination
- Case studies and recent projects

## Format

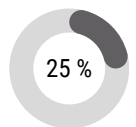
- Theory lectures in the conference room
- Demonstration of the equipment in a mobile chemical response unit
- Tour of Cedre's experimental facilities
- Ice breaker: escape game
- Serious game
- Resources available on Cedre's online training platform



Theory



Practice



Tabletop exercises

## Assessment



Oral questions



Quiz



Tabletop exercises



Ice breaker and serious game

All participants receive a certificate upon course completion

Prerequisites: have taken Cedre's online module on HNS behaviour in the aquatic environment

Registration: download the registration form using the QR code, complete it and send it to [formation@cedre.fr](mailto:formation@cedre.fr)



For administrations under the DGAMPA or for the French Navy, see the page on course registration