



## MARITIME

# EMERGENCY PLANNING AND ACCIDENT INVESTIGATION

As an integral part of its risk management services, DNV GL helps ports and terminals to develop and maintain effective response plans to control their risk exposure.

Effective planning for emergencies and other undesired events is an essential part of good business management. Port and facility operators need to prepare for situations that could cause potential losses to life, property, income or the port's reputation, or which could harm the environment and society at large.

### Expert solution for risk control

DNV GL works together with you to gain a thorough understanding of your operations, threats and risk management needs. We help you improve the effectiveness of your emergency planning, response and investigation capabilities. The service covers all aspects – from plan generation, communication and drills to the follow-up of major incident investigations.

### Key services include:

#### ■ Scenario identification

We help identify the most appropriate scenarios for emergency planning based on a risk assessment. This ensures effective emergency planning, with increased focus on high-risk events.

#### ■ Environmental emergencies

DNV GL develops oil spill and other environmental emergency response plans using numerical tools. We model source terms, transport and fate of accidental releases and environmental effects.



■ **Regulatory and community interactions**

We can help you develop regulatory compliant emergency plans tailored to specific needs. Our independent status helps you to communicate emergency plans and risks to local communities and regulators.

■ **Accident investigation**

We deliver a systematic approach based on the DNV GL Loss Causation Model to investigate and analyse maritime accidents and incidents.

■ **Major accident investigation and crisis management**

We provide support in major accident investigation by deploying teams with the full range of skills necessary to address technical, management system and accident root cause investigations.

■ **Safety barrier management**

A safety barrier management strategy is vital in preventing hazards from becoming major accidents. We provide tailor-made training courses, and support you in preparing and implementing a safety barrier management strategy.