



From Gases and Evaporators risk assessment towards an Integrated management of sea and land pollution incidents

Budget
929,583 €

EU contribution
790,146 €

Duration
24 months

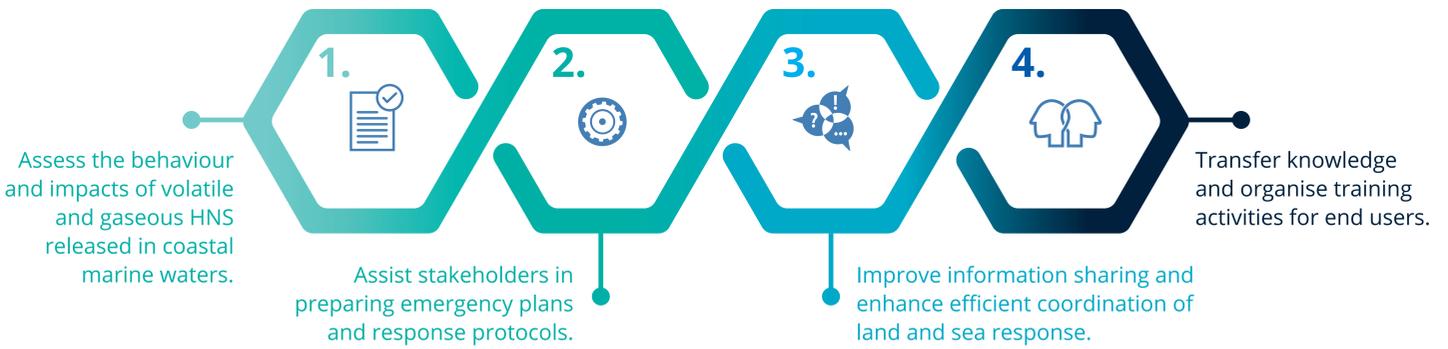
Project leader: Cedre
Programme: Union Civil Protection Mechanism (UCPM)
Call: UCPM-2023-KAPP

PROJECT GOAL

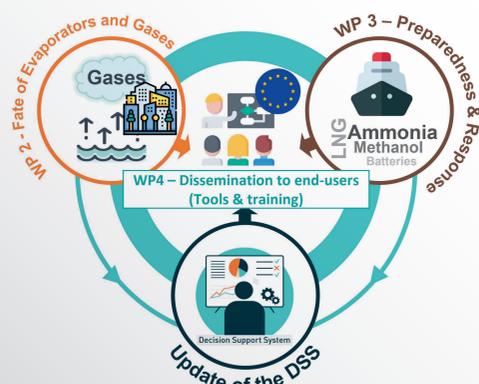
Building on the MANIFESTS project outcomes, the MANIFESTS Genius project aims to strengthen preparedness and response capabilities for integrated management of coastal water pollution. The project focuses on the release of HNS, including alternative fuels such as ammonia, methanol, LNG, and Lithium-ion batteries and considers two scenarios:

1) a leak from a pipeline, and 2) a leak at water surface from a coastal facility.

SPECIFIC OBJECTIVES



WORKING STREAMS



EXPECTED OUTPUTS

- Operational guidelines and upgrading of the MANIFESTS Decision Support System.
- New experimental data on HNS
- Refinement of the gas cloud drifting, evaporation and explosion risk models.
- Modelling tool of gases rising in the water column.
- Good practices and recommendations to improve emergency plans.
- Intervention protocols at cross-sectoral scale.
- Tools to facilitate the information sharing.
- Training activities and desktop exercises.
- Bespoke training materials to transfer knowledge and tools.

CONSORTIUM:



Centre de documentation, de recherche et d'expérimentations sur les pollutions accidentelles des eaux (Cedre) - Project leader - France



Associação do Instituto Superior Técnico para a Investigação e o Desenvolvimento (IST-ID) - Portugal



Centro Tecnológico del Mar (Fundación CETMAR) - Spain



Instituto Tecnológico para o control do medio mariño de Galicia (INTECMAR) - Spain



Royal Belgian Institute of Natural Sciences (RBINS) - Belgium



Institut Mines-Télécom (IMT) - France



UK Health Security Agency (UKHSA) - United Kingdom (associated partner)

www.manifests-project.eu

Cedre - Stéphane Le Floch & Laura Cotte
715 rue Alain Colas - CS 41836 - 29200 Brest
T. +33 (0)2 98 33 10 10
stephane.le.floch@cedre.fr / laura.cotte@cedre.fr

[@manifestsgenius](https://x.com/manifestsgenius) [@manifestsproject](https://www.linkedin.com/company/manifestsproject)



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