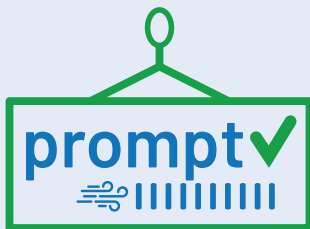


MODELLING
OF HAZARDOUS
SPILLS IN AIR
AND SEA
AND FLOATING
CONTAINERS



**Port of
GENOVA**
ITALY



**Port of
TRIPOLI**
LEBANON



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Project by:



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Civil Protection

PROMPT Preparedness for Operational Monitoring and Prediction of contaminant Transport in the Sea, call UC19-2022-PFVLS-A-1010/2023

MODELLING
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PROMPT intends to fight marine pollution as a priority to safeguard the environment. The major threats are oil and chemical spills, the so-called Hazardous- Noxious- Substances (HNS), which are daily carried along the sea tracks. EU Members States have reported more than 22000 occurrences of maritime accidents between 2014 and 2020. These events could lead to spill and contamination of the sea and the consequent eventual release of hazardous volatiles and their dispersion in the atmosphere.

PROMPT project empowers the level of preparedness, especially of the Mediterranean States which most probably shall bear the negative environmental and economic/social consequences. The primary expected result of PROMPT project will be the upgrade and extension of the Decision Support System (DSS), developed in the framework of the DG-ECHO BE-READY project, which effectively enhances the preparedness in contrasting water pollution and atmospheric dispersion of the volatile part of oil and NHS spills.

Indeed, making available **high-resolution numerical simulations** implemented offline as real-time forecast of weather and meteo-ocean conditions and satellite images will increase the risk assessment and the effectiveness of disaster response.

INFO:

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