

**PROJECT**

Enhancing HNS preparedness through training and exercising

**LOCATION & COUNTRY**

NE Atlantic region: Portugal, Spain, France, United Kingdom

**FUNDING**

EU Project "Humanitarian Aid and Civil Protection"

<http://mariner-project.eu/>

**PARTNERS**

CETMAR, Intecmar, Universidad de Vigo, CEDRE, Public Health England, CIIMAR.

**DATES**

January 2016 - December 2017

**ACTION MODULERS' MAIN TASKS**

Chemical spill modelling and environmental impact, integrated in a web-based common operational picture.

**SOFTWARE & SUPPORT**

Action Modulers offers a wide range of customizable software products. We also provide professional support to implement your projects.

**CONTACTS**

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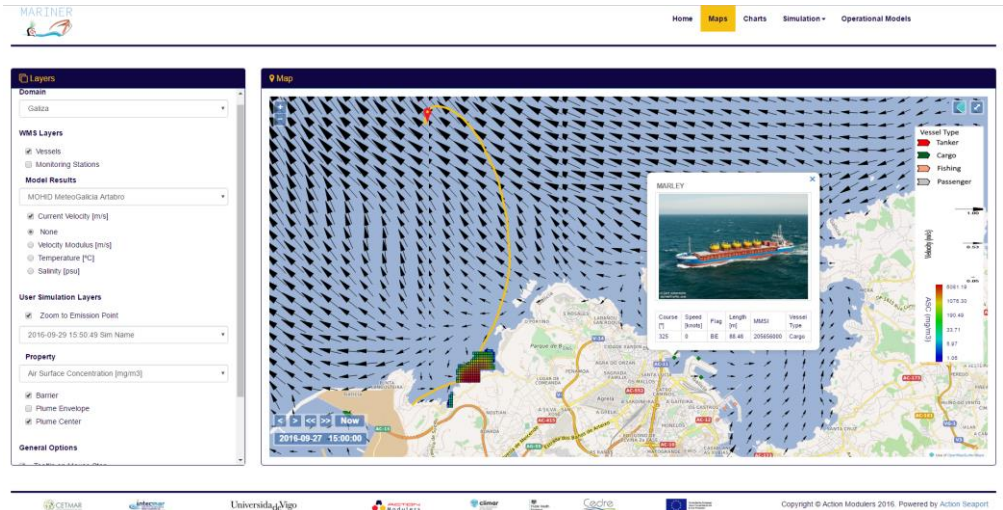
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# MARINER - Enhancing HNS preparedness through training and exercising



MARINER project focuses on improving planning, preparedness and response to HNS (Hazardous and noxious substances, also known as chemical) spills in Europe by:

- Capitalizing and translating relevant HNS R & D outcomes into operational resources applicable by planners and responders;
- Improving training and exercise capabilities;
- Upgrading and/or improving tools to support decision making and response;
- Increasing awareness and encouraging information exchange.

**Action Modulers** is the leader of the task *Modelling and Environmental Impacts* and participates in all other work packages.

Action Modulers improves the operational use of tools for modelling HNS transport, behaviour and biological impact, mainly upgrading an HNS spill model properly integrated into a web-based and mobile friendly Common Operating Picture (COP), and hence improving maritime situational awareness when facing HNS pollution management.

In addition, Action Modulers is also contributing to the definition of protocols and guidelines for environmental impact assessment of HNS Spills, as well as the development of innovative multimedia training materials on HNS spill modelling.

Outcomes of the projects can be found on the project website.

For further informations, please contact us.