

**PROJECT**

Multinational Response and Preparedness to Oil and Chemical Spills

**LOCATION & COUNTRY**

Canary Islands (Spain), Madeira Archipelago (Portugal), Morocco

**FUNDING**

EU Project "Humanitarian Aid and Civil Protection"  
<http://marpocs.eu/>

**PARTNERS**

CEDRE, IST, PLOCAN, ULPGC, ARDITI-OOM, INRH

**DATES**

January 2016 - December 2017

**ACTION MODULERS' MAIN TASKS**

Model-based decision support tools and risk assessment. Oil and chemical spill model development.

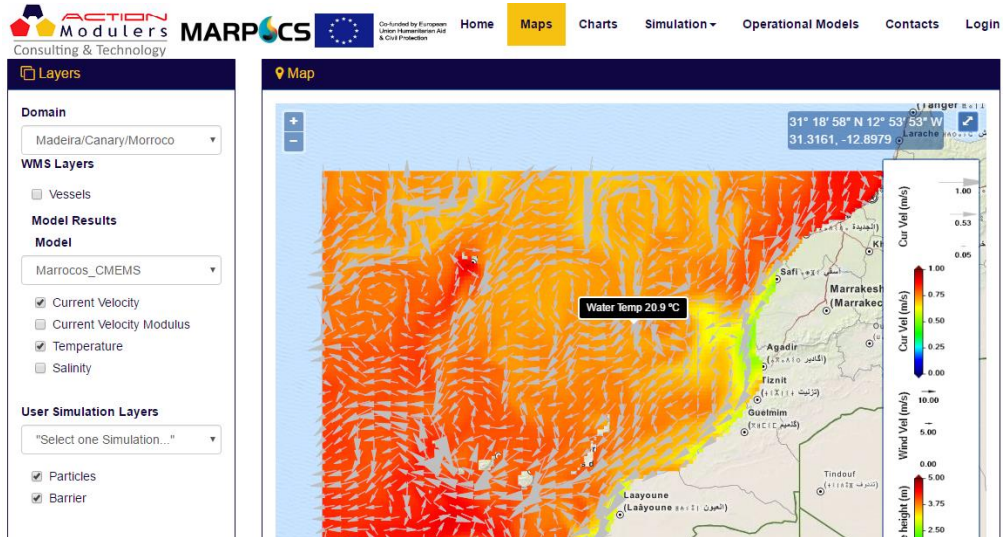
**SOFTWARE & SUPPORT**

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

**CONTACTS**

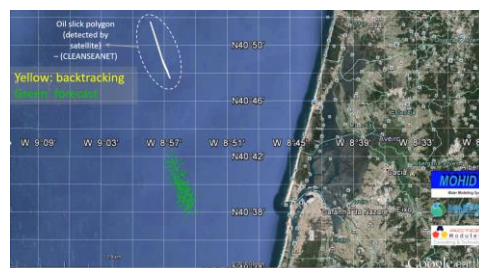
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# MARPOCS - Multinational Response and Preparedness to Oil and Chemical Spills



MARPOCS aims to implement an integrated operational framework for preparedness and response to oil and HNS spills in the Atlantic sub-region involving Morocco, Madeira and Canary Islands in the context of Lisbon Agreement, easily transferable and extendable to other areas.

The general objective is achieved by the sharing and development of common guidelines, methodologies, decision support tools and exercises adapted to the regions of study and promoted by effective implementation and training of local, regional and national authorities.



Action Modulers developed the concept of the project and leads the task entitled *Decision Support Tools and Risk Assessment*. The main contributions to the project are:

- Decision Support systems supported by 3D oil & HNS spill modelling system, using high resolution metocean forecasting systems
- Dynamic shoreline holistic risk from spills in the area of interest, to improve management of the distribution of response resources, and to allow real time risk shoreline monitorization)
- Automatic early warning spill forecasting system connected to existing maritime surveillance automatic detection services
- Training sessions and hands-on demonstrations with authorities