

PROJECT

Improvements of Shorelines Defenses Against Marine Pollution

LOCATION & COUNTRY

Tagus Estuary Portugal

La Rochelle, France

Falmouth, England

TYPE OF PROJECT

EU Research Project co-financed under "Humanitarian Aid and Civil Protection".

<http://isdamp.eu>

DATES

January 2013 - December 2014

ACTION MODULERS' MAIN TASK

Integration of mathematical models, web interface, operational server and central data base.

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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ISDAMP - Improvements of Shorelines Defenses Against Marine Pollution

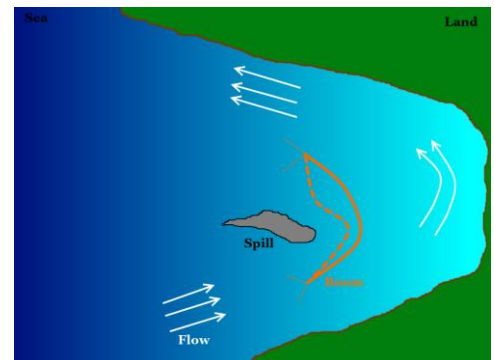


The main strategy of the project ISDAMP is to adapt numerical devices of research to the needs of local operators. The results of these devices and its use in real situations will enable an appropriate answer to maritime disasters.

The objectives throughout the 24 months of the project are:

- Implement operational models in the study areas (model MOHID);
- Develop operational models of floating barriers (BAR3D model);
- Integration of the models through the OpenMI library;
- Development of software components for the exploitation of the system;
- Perform real and simultaneous tests in the three regions of the study;
- Improve operational skills with training for system users;

- Promote among local and regional actors the best practice of efficiency.



The main results of the services provided by ACTION MODULERS will include:

- Integrated model (MOHID Water and Bar3D) to optimize the response to oil spill emergency;
- Operational software components for continuous data processing included into ACTION Server;
- Integration of new features into MOHID Studio;
- Training in the use of the system.