





Joint European Coastal Mapping Programme

4th IHO EC meeting, Joint European Programme of Coastal Mapping Brussels 24 October 2013

Report on action taken

Last IHO EC meeting, in Saint-Mandé, on **26 June 2013** tasked Germany, France and Sweden

DG Mare meeting in Brussels on **10 September 2013** on the future of European coastal mapping.

Meeting in Brest on **2-3 October 2013** HOs from Germany, France and Sweden, GSI Ireland and ISPRA Italy,


Submission paper **18 October 2013**
Sent towards DG Mare



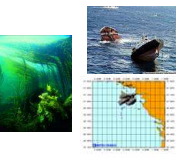
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Coastal zones knowledge, final users

Risk management




Environmental protection




Need to have reference data which can be used by a maximum of users

Littoral Management

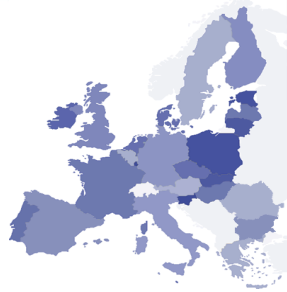


Economic's activities



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Experiences gained along European Coasts

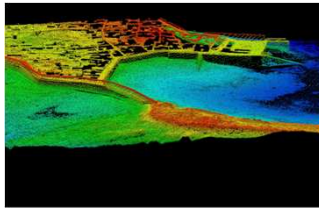


- Baltic Sea and in North Sea: pilot areas in the frame of Blast contract
- East Atlantic: some areas along Irish coasts and along the French coasts
- Mediterranean and Black Sea: Malta; some areas along French and Italian coasts
- around overseas territories: French Islands in Caribbean Sea and in Indian Ocean

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Mature experience on

- the operating management scheme for achieving the programme,
- performances of bathymetric Lidar, hyperspectral cameras as well as hydroacoustic surveying devices);
- software to process the data;
- specifications of data and products to be delivered;



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Benefits of a joint programme

- giving more flexibility in planning the surveys;
- giving a better position in negotiating contracts;
- reducing the costs in sharing software with which to process the raw data;
- enhancing the efficiency through making joint teams or at least in establishing a network between teams

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Issues to be addressed (1)

-the high level management scheme, How to

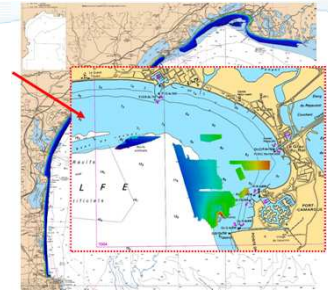
manage the programme, report, reassess the priorities, involve the stakeholders.



Issues to be addressed (2)

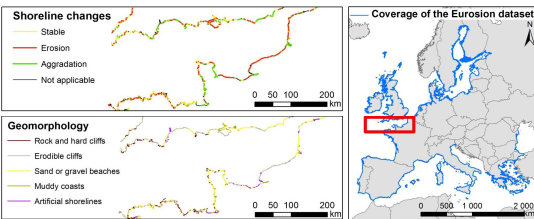
-the consortium operating management scheme for achieving the programme,

manage the timetable of surveys, operate the system, process the data (where, which teams), assess and control quality, deliver and store the data and the products (make them available through a portal)



Issues to be addressed (3)

-areas to be surveyed, within a period of two years, taking into account the priorities of Member States and European Union as well as the relative costs and efficiencies of bathy Lidar and multibeam echo sounder, depending on the areas.



Issues to be addressed (4)

-the procurement scheme for adequate capacity Lidar and hyperspectral camera:

buy a device, rent a device, subcontract the surveys



Issues to be addressed (5)

-ensure adequate coordination between seaside surveys and landside surveys In order to -provide adequate seamless products



Proposal for a design study : work packages

- WP1: management and reporting.
- WP2: analysis of previous experiences;
- WP3: determine the areas in which data are most needed
- WP4: write down the specifications for the data:
- WP5: analyse the costs and benefits of the options for procurement of Lidar/hyperspectral surveys
- WP6: analyse the cost-efficiency of different surveying methods for different regions
- WP7: analyse several scenarios for operating management scheme and for high level management scheme.
- WP 8: write down a proposal for a subsequent Joint European Coastal Mapping Programme.

Submission paper : design study



Support required
from
DG Mare

Joint European Coastal Mapping Programme

