



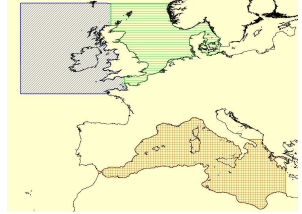
Emodnet Programme Marine Knowledge 2020

Need of a European Programme of Hydrographic Knowledge 2020

5th IHO EC meeting, EPHK 2020 & Emodnet, Marine Knowledge 2020 Oostende 19 February 2014

EMODNET-Hydrography : partnership

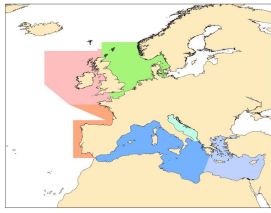
- > 7 partners : MARIS (NL), IFREMER, **SHOM** (FR), NERC/NOCS (UK), GSI (IE), IEO (ES)
- > 2 associated partners : ISMAR-CNR (IT), UNEP-GRID Arendal (NO, int. Organization)
- > 3 basins : Western Mediterranean – Celtic Sea – North Sea



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EMODNET-Seabed Mapping : partnership

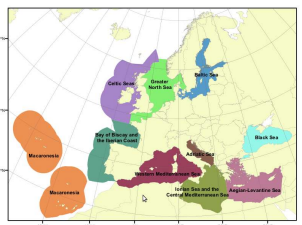
- > 10 partners : MARIS (NL), IFREMER, **SHOM** (FR), NERC/NOCS (UK), GSI (IE), IEO (ES), OGS (IT), HCMR (GR), UNEP-GRID Arendal (NO, int. Organization)
- > 3 associated partners : ISMAR-CNR (IT), IHPT (PT), LNEG (PT)
- > 7 basins : +West Iberian Coast/Gulf of Biscay + Central/Eastern Mediterranean – Adriatic Sea – Macaronesia



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EMODNET-Bathymetry : partnership

- > 16 partners : MARIS (NL), IFREMER, **SHOM** (FR), NERC/NOCS (UK), GSI (IE), IEO, **IHM** (ES), **IHPT**, IPMA (PT), CNR-ISMAR, OGS (IT), HCMR (GR), IO-BAS (BUL), **BSH** (GER), **MDK-VH** (BEL), UNEP-GRID Arendal (NO, int. Organization)
- > 8 associated partners including GSGC (NL), OceanWise (U) and **HOs from Norway, Netherlands and Denmark**
- > 10 basins : +Black Sea +Norwegian Sea +Baltic Sea



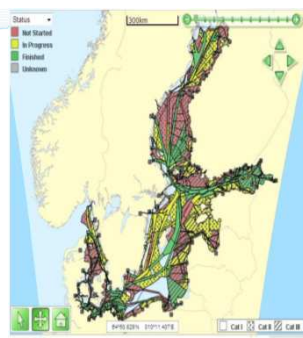
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Baltic Sea, status of knowledge, programme of surveys

With support of Helcom project,

Baltic Sea Hydrographic Commission

Common management programme of surveys



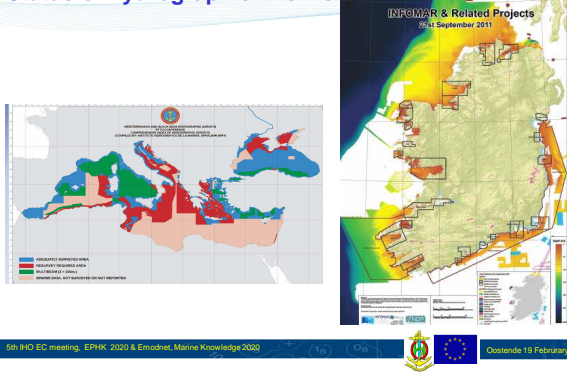
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IHO supports Emodnet

- 1/ The IHO considers the development of Emodnet as the best driver for Marine Knowledge 2020.
- 2/ The IHO is committed to support this programme in the long term
- 3/ The IHO will provide sustainable operational solutions with appropriate accuracy and updating mechanisms through current IHO regional structures and approaches
- 4/ The IHO strongly recommends the use of relevant international standards such as ISO, IHO and Inspire compatible standards within Emodnet

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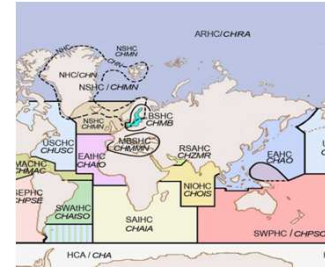
Status of hydrographic knowledge



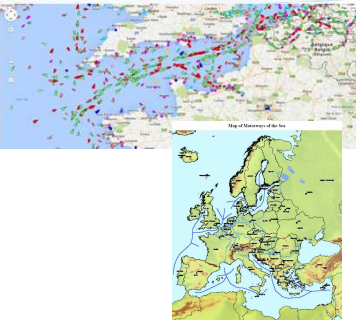
First step: common report on hydrographic knowledge

Towards IHB and European Commission

- 1/ Complete report inside each RHC
- 2/ Simultaneous report within EU RHC
- 3/ Homogenous reports within European Waters

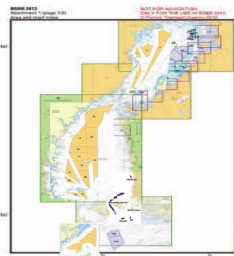


Second step: common evaluation of the needs



- 1/ Evaluation of navigational needs & priorities (take into account the needs of maritime routes)
- 2/ Evaluation of surveys needed (and prioritised) (homogenous implementation of S44)

Third step: program and manage the surveys



Sweden developed a data-base which allows to load and up date the re-survey scheme within Monalisa project of Motorways of the seas, E.U. Executive agency Ten-T funds 50% of a 16ME survey in Swedish and Finnish waters.