



# Interest for HOs to cooperate with EU Commission:

Why HOs and the EU Commission  
need a closer cooperation

Rear Admiral (N) Luigi SINAPI  
Director, Italian Hydrographic Institute

Bruxelles, February 27<sup>th</sup> 2018



# AGENDA



- The Italian Hydrographic Institute (IIM)
- IHO MBSHC and HSSC roles for EU governance
- HOs for EU Blue Economy and Blue Growth
- HOs for EU Maritime Spatial Planning and Inter-regional programs
- Marine Spatial Data Infrastructure (MSDI)
- A stronger HO–EU cooperation for better European governance

Bruxelles, February 27<sup>th</sup> 2018



# The ITALIAN HYDROGRAPHIC INSTITUTE (IIM)



- National Charting Authority
- Permanent Member of Higher Council of Public Works
- Permanent Member of National Council for Territorial Information
- Permanent Member of National Board on Coastal Erosion
- Chair of Technical Board for the Revision of National Baselines
- Representative of the Italian Hydrographic Society abroad



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# IHO MBSHC and HSSC roles for EU governance

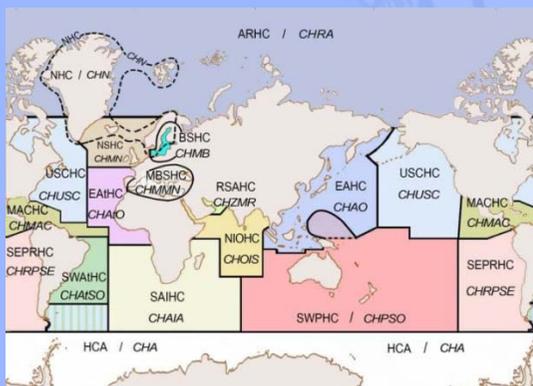


## Mediterranean and Black Sea Hydrographic Commission (MBSHC)

- To coordinate hydrographic activities and cooperation in the area
- The Regional Hydrographic Commissions (RHCs) are made up of IHO Member States together with other regional States that wish to participate
- RHCs work in close harmony with the Organization to help further its ideals and program

## Hydrographic Services and Standards Committee (HSSC)

- To promote and coordinate the development of standards, specifications and guidelines for official products and services to meet the requirements of mariners and other users of hydrographic information



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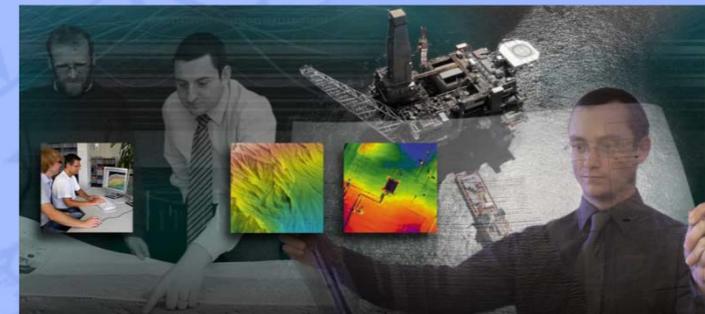
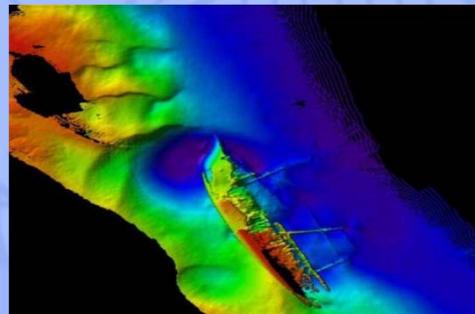
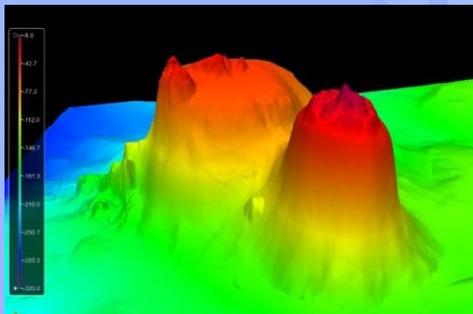
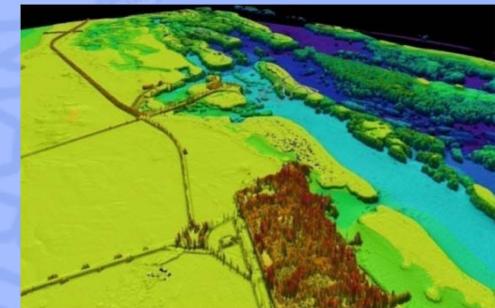
# HOs for EU Blue Economy and Blue Growth



Hydrographic surveys support:

- geospatial data collection across the land-sea interface
- scientific research
- sustainable fisheries and aquaculture management
- management of increasing pressure on the coastal/port infrastructures
- logistic operations in even the largest port complexes
- off-shore activities

HYDROGRAPHY IS THE FOUNDATION UPON WHICH ANY TYPE OF MARINE ACTIVITY IS DEVELOPED



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# HOs for EU Maritime Spatial Planning



- DIRECTIVE 2014/89/EU of the European Parliament and of the Council of 23 July 2014 establishes a framework for Maritime Spatial Planning (MSP)
- Possible activities/uses include:
  - Fisheries and aquaculture
  - Energy infrastructure
  - Maritime transport routes
  - Marine Spatial Planning
  - Marine Strategy
  - Scientific research
  - Submarine cables and pipelines
  - Tourism and underwater cultural heritage
  - Data Standards



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# HOs for EU Maritime Spatial Planning



European Maritime Spatial Planning process is nowadays essential to face Trans-national maritime threats

- Climate changes
- Natural disasters
- Marine pollution
- Pressure on the seas and coastal areas



Standardized, certified and consistent hydrographic and cartographic data



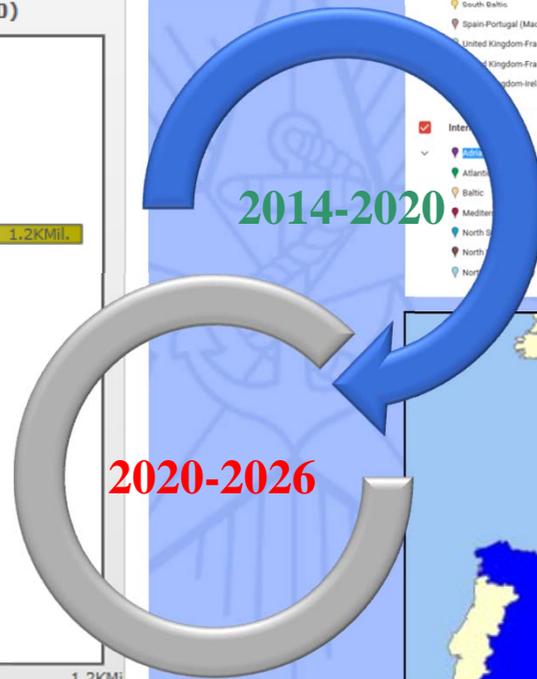
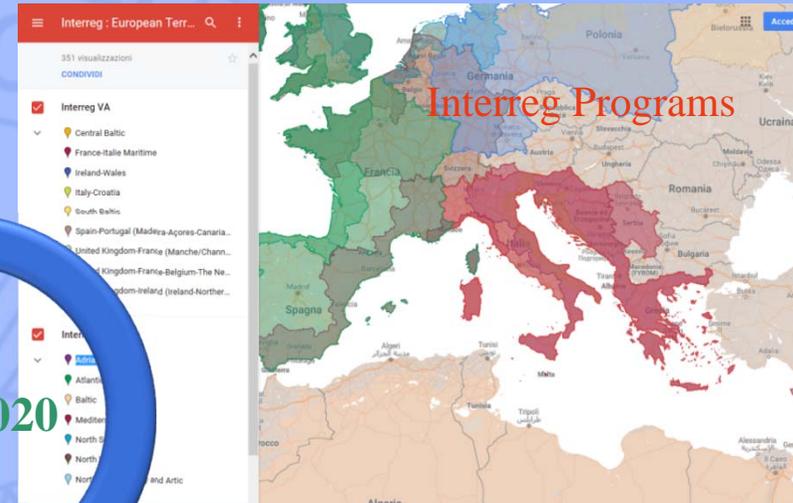
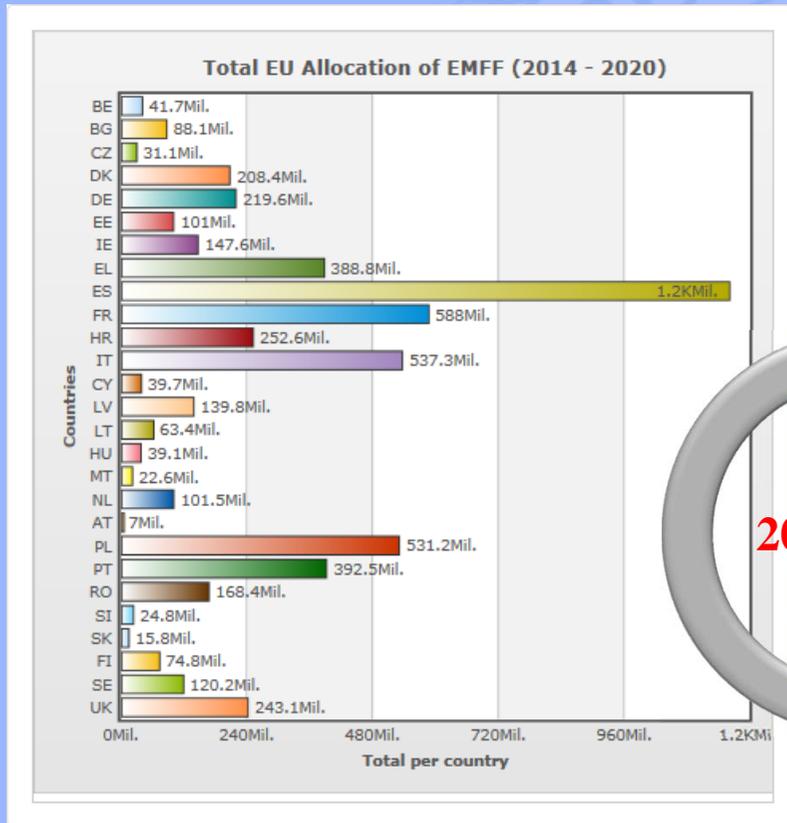
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# HOs for Inter-regional programs



## EUROPEAN MARITIME AND FISHERIES FUND (EMFF)

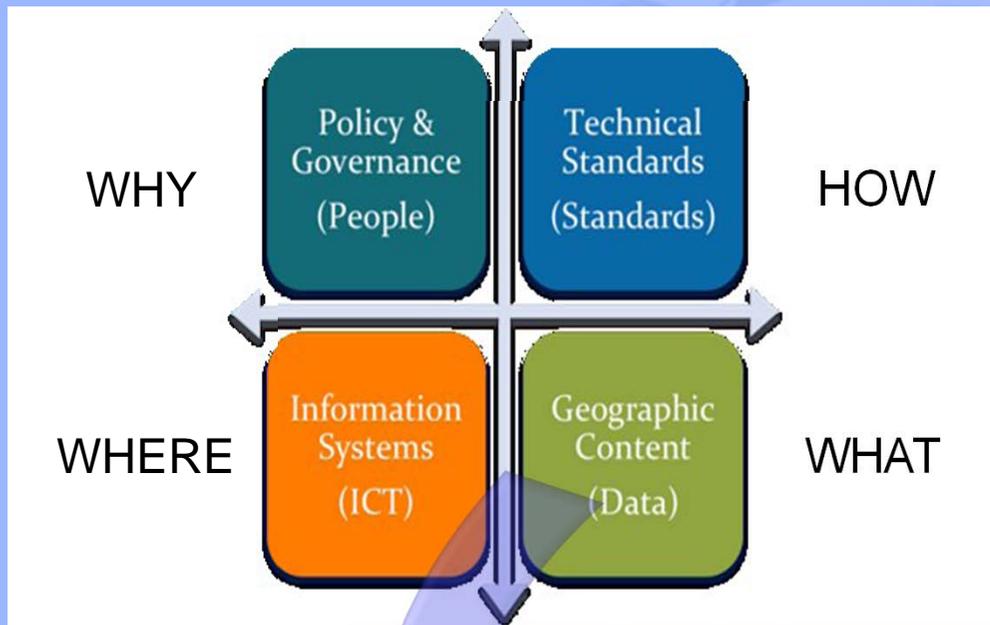


The «Hydrographic World» is to be part of this complex process!

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# MARINE SPATIAL DATA INFRASTRUCTURE (MSDI)



**DEVELOP**

- Data quality
- Data interoperability

IN ORDER TO

**PROMOTE**

- Sustainability
- Circularity

**CONCEPT**  
Map once, use many times

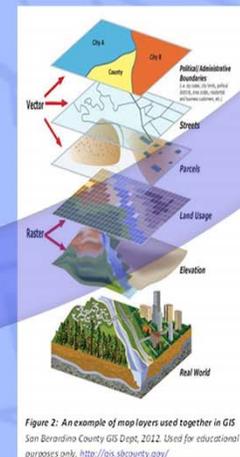


Figure 2: An example of map layers used together in GIS  
San Bernardino County GIS Dept. 2012. Used for educational purposes only. <http://gis.sbcounty.gov/>



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## A stronger HO-EU cooperation for better European governance



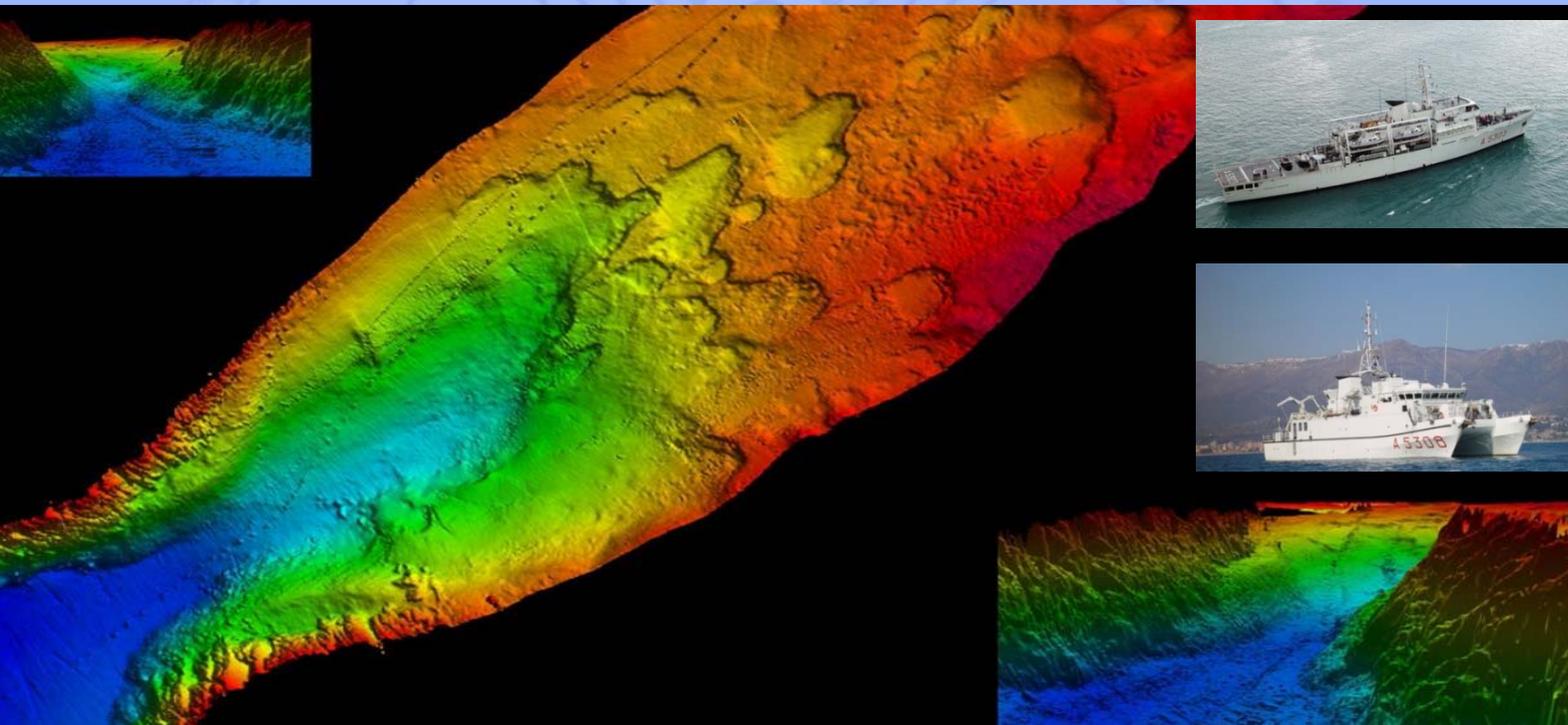
Hydrography and Cartography are paramount for EU sea-coastal strategies

HOs can contribute to develop common maritime strategies

HOs must be involved in EU sea-coastal strategic planning processes

HOs must act regionally to enhance their role

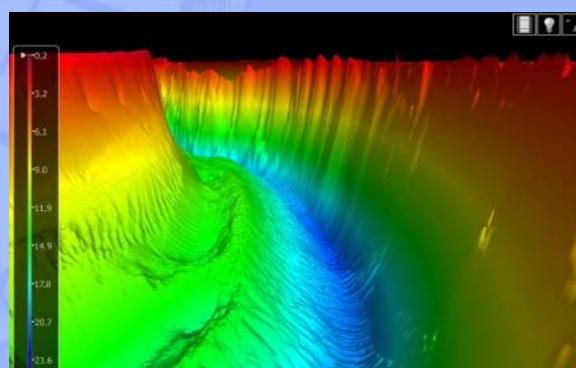
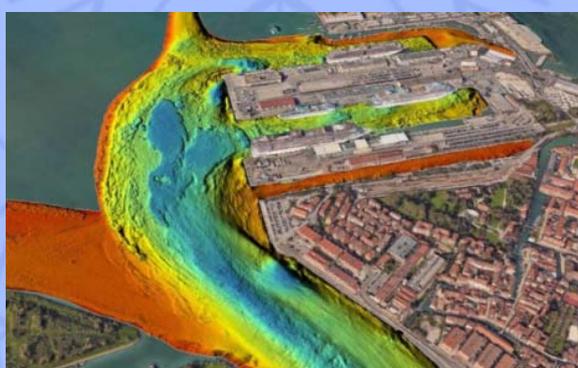
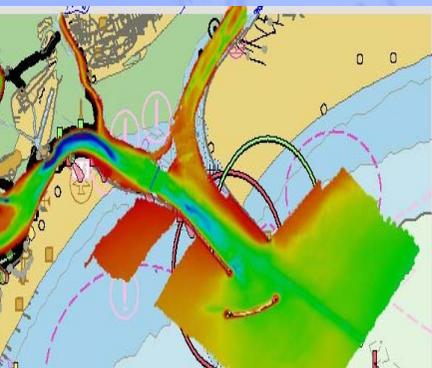
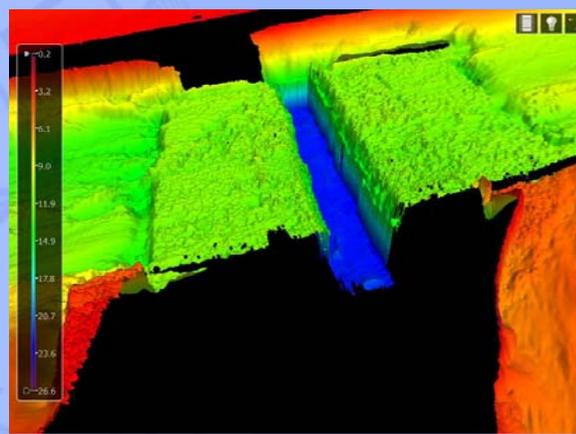
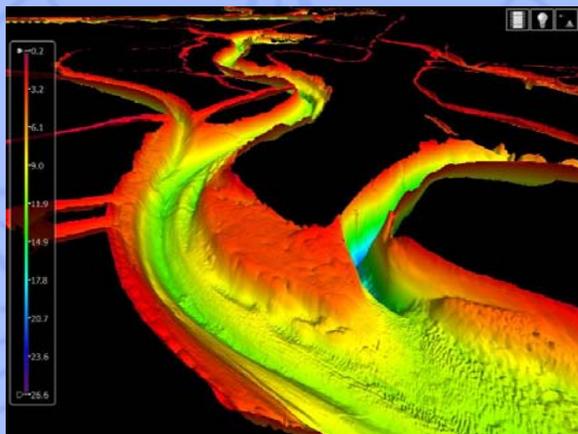
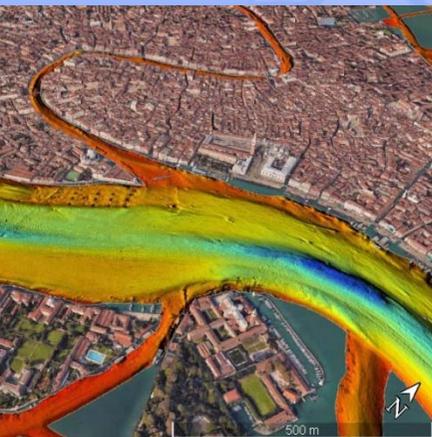
IHO must have a leading connection role towards EU Commission through IENWG



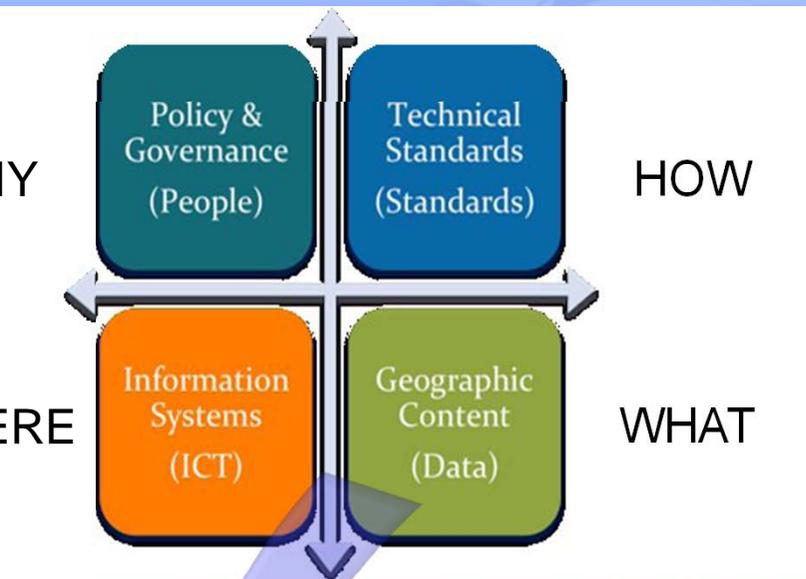
# Plenary session of the European IHO Network Working Group (IENWG)



## Thank you for your attention!



# MARINE SPATIAL DATA INFRASTRUCTURE (MSDI)



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Thanks to MSDI, collaboration between different authorities and States is more fluid

**CONCEPT**  
 map once, use many times

