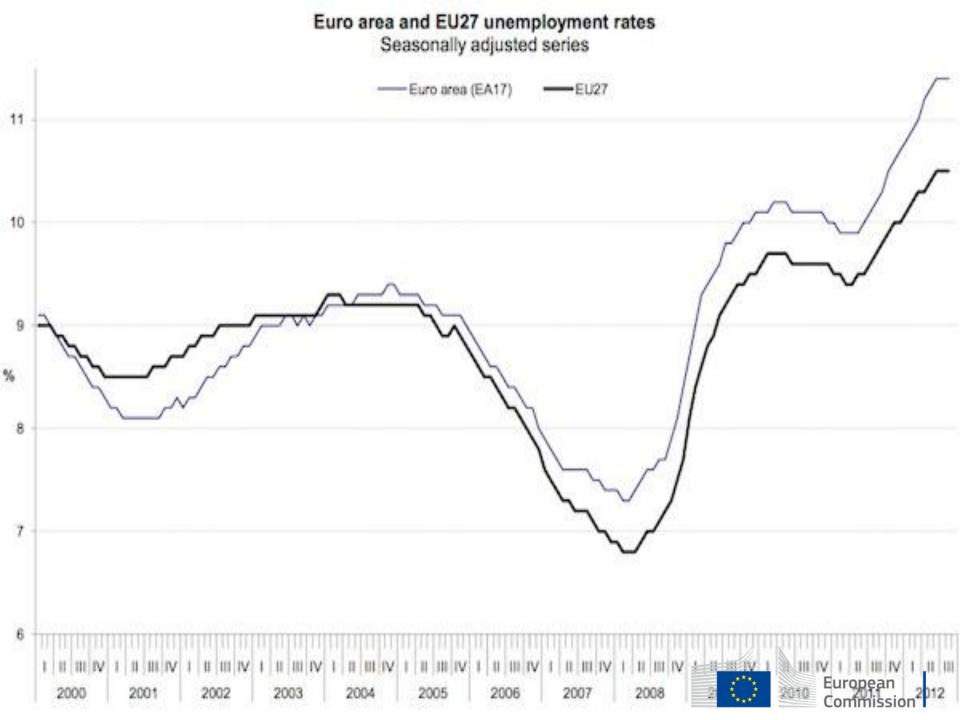




EMODnet: progress so far

Integrated Maritime Policy

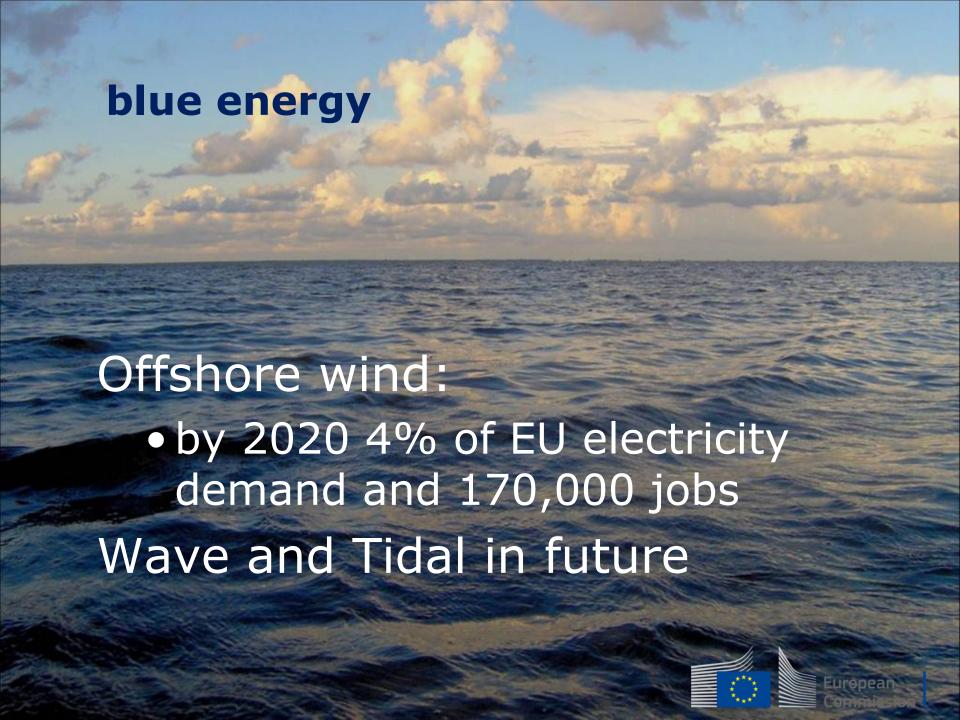


Opportunity for growth

- Running out of land and freshwater
- Technology from oil and gas
 - Underwater robotics
 - Operate safely in deep water





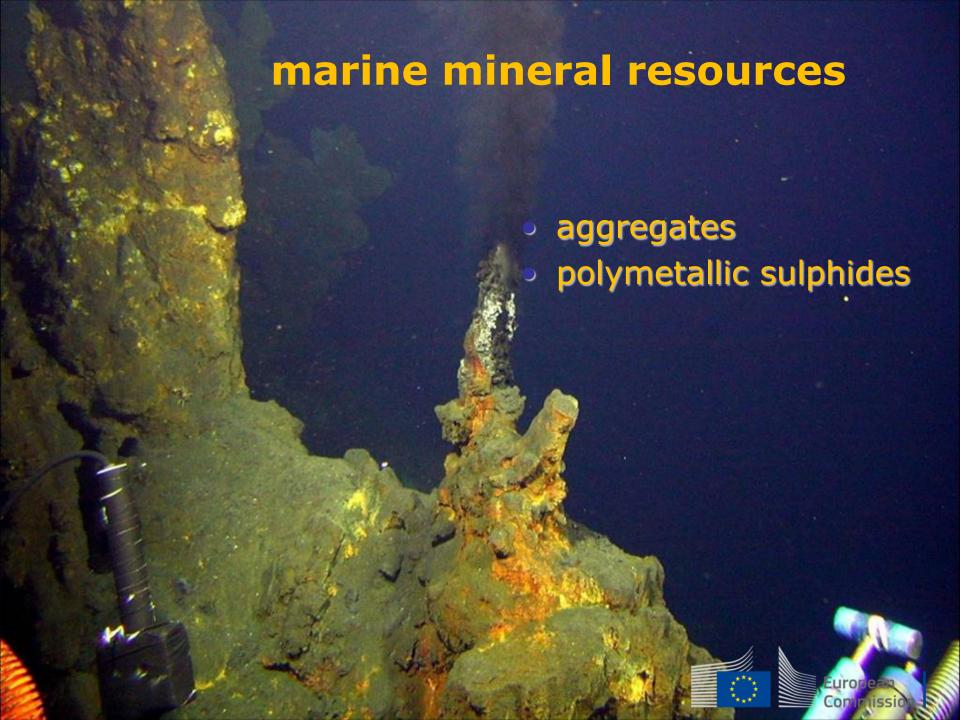


blue biotechnology

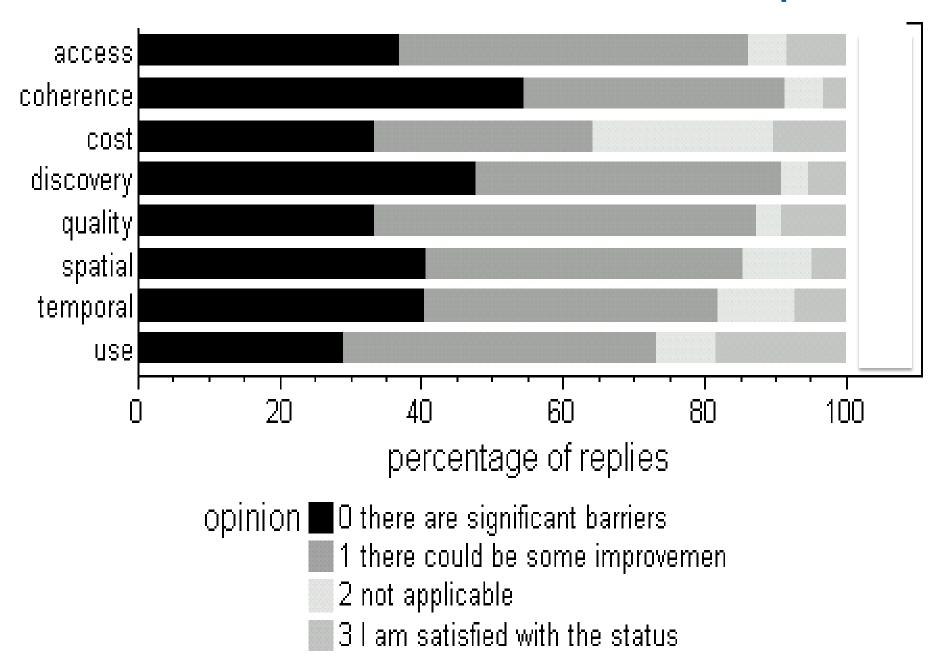
- pharmaceuticals and cosmetics food, feed and chemicals
- biofuels

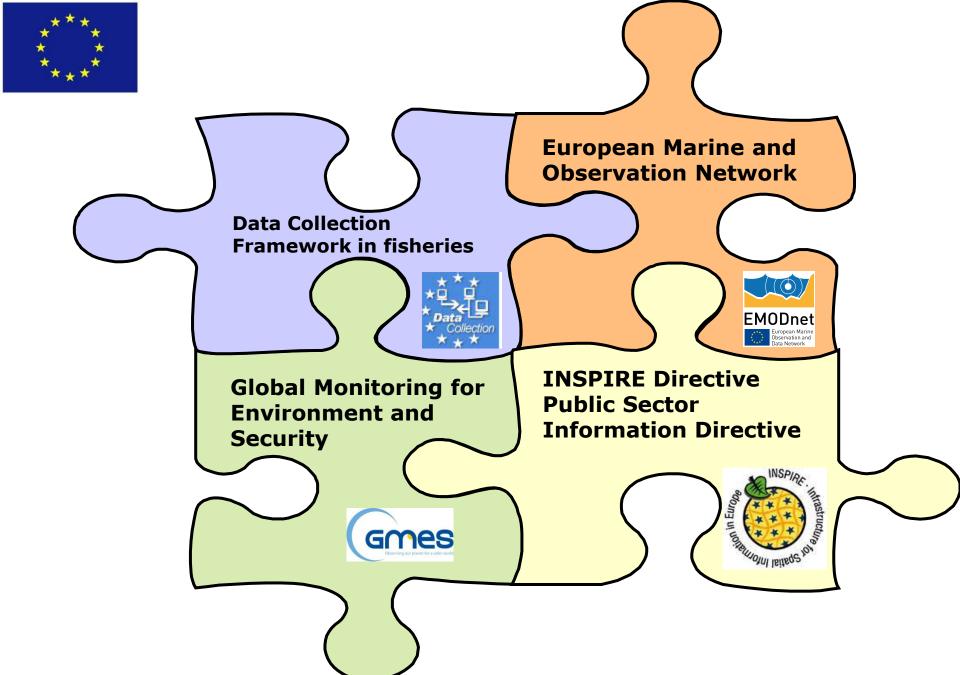






consultation reveals dissatisfaction with status quo





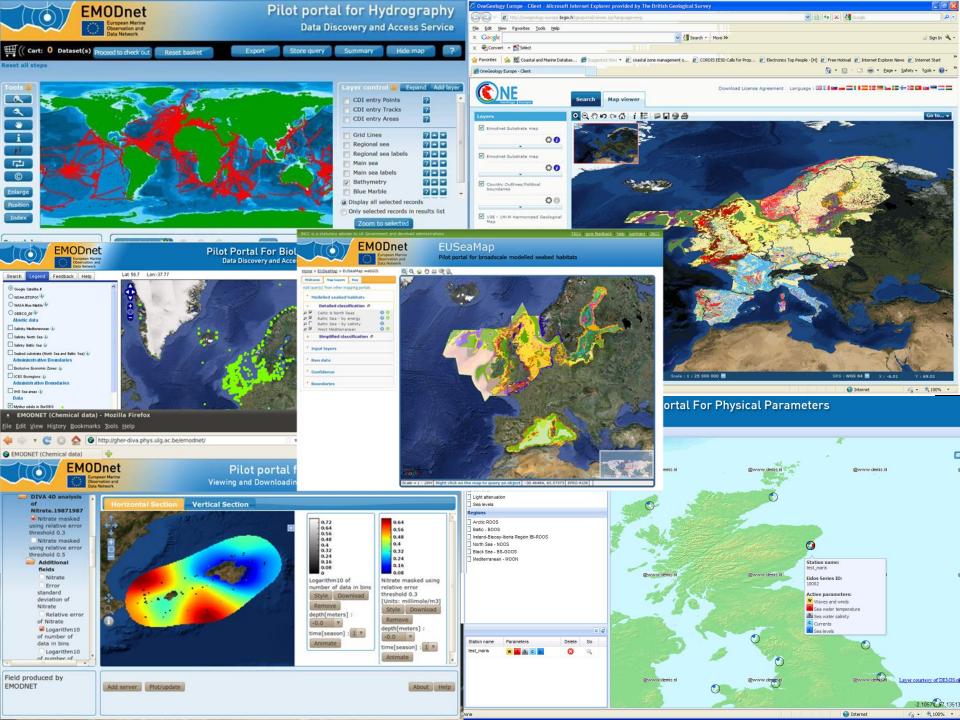
expected benefits

- €300 million annually
 - reducing of operating cost of which
 - €100 million for science
 - €56 million for public authorities
 - €150 million for private companies
- €200 million annually
 - increasing competition and opportunities
 - contributes to innovation and growth

with inevitable growth in marine economy, these benefits will increase









Pilot portal for Hydrogra

Data Discovery and Access So

Differential Global PEUROPEANSystem



Administration and dimession

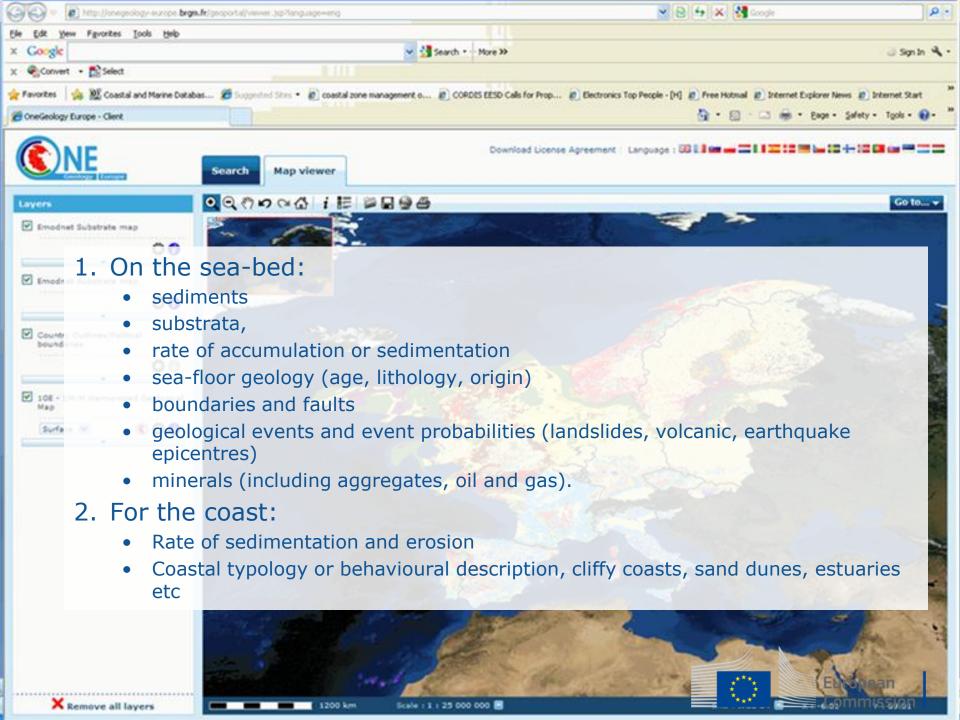
> Gravity magnetics and hathymetry

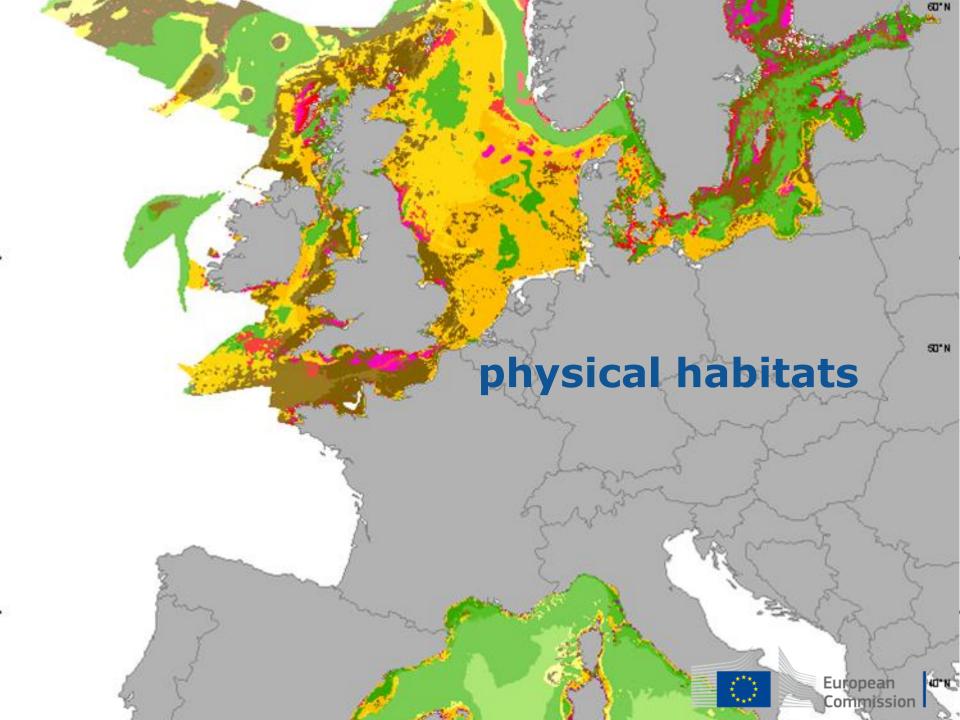
> Administration and dimen

Marine geology

RV Connamara Bathymetry IMAR 2007

Loop Head 5m NetCDF





hydrography and geology lots

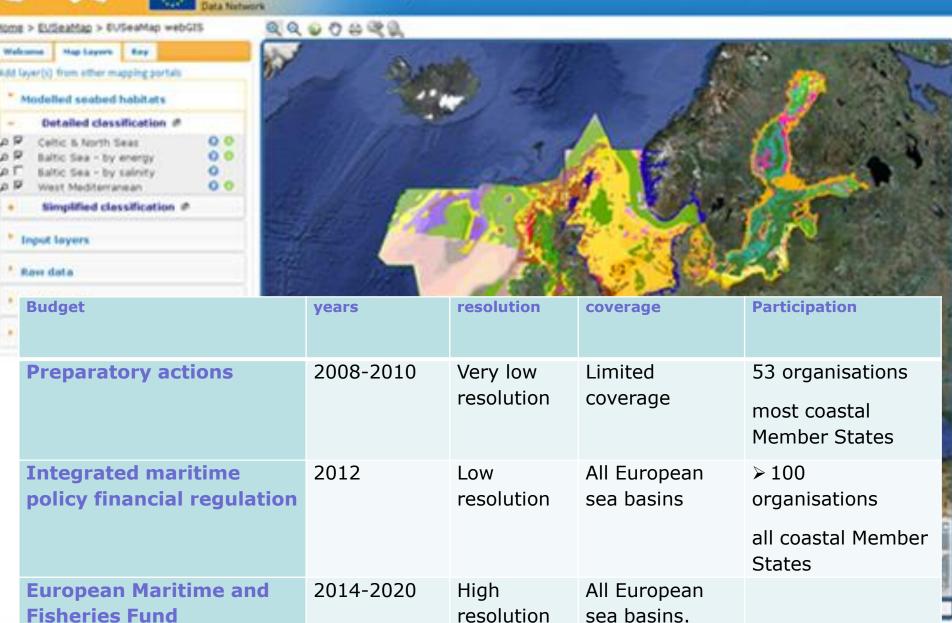
- geology
 - homogeneous consortium of national geological surveys
- hydrography
 - heterogeneous consortium
 - mixture of hydrographic offices and research institutes
 - not all countries represented (although some provide data)





EUSeaMap

Pilot portal for broadscale modelled seabed habitats





MARITIME AFFAIRS

European Commission > Maritime Affairs > Policy > Marine knowledge 2020



Maritime Affairs 🔍 Fisheries 🐶 Atlas 🚍 Forum











Maritime Affairs

http://ec.europa.eu/maritimeaffairs/ policy/marine_knowledge_2020/ index en.htm

- Integrated maritime surveillance
- Sea basin strategies

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products and services.

. Improving our understanding of how the seas behave.



Why EU-level action?

National data do not tell us all we need to know about the seas as a global system connected by shifting winds, seasonal currents and migrating species; analysis at European level is essential.

The integration of different national and local systems into a coherent whole has been driven by the EU. Its explicit powers in fields like fisheries, the environment, transport, research, enterprise and industry enable it to provide funding and legislate for marine knowledge 2020.

How does it work in practice?

Through the prototype websites of the European Marine Observation and Data Network (EMODNET), engineers and scientists can see what data are available for a given sea basin, and download both original observations and derived data products such as digital terrain models, sediment distributions and marine habitats.

More on marine data



more keywords

News

08/10/2012 - New Maritime Agenda for growth and jobs adopted

A European agenda for creating growth and jobs in the marine and maritime sectors was adopted today by European Ministers for maritime policy and the European Commission, represented by President ...

13/09/2012 - Blue Growth:

Commission presents prospects for sustainable growth from marine and maritime sectors

To make it through the crisis, Europe needs the contribution of all sectors of its economy. In a Communication on