## **Sea Basin Checkpoints**

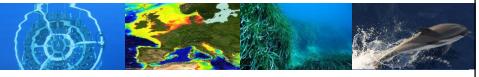
Growth and innovation in ocean economy

Gaps and priorities in sea basin observation and data

North Sea → HR Wallingford (Marie Pendle) http://www.emodnet.eu/northsea

Mediterranean Sea → INGV (Nadia Pinardi) http://www.emodnet-mediterranean.eu

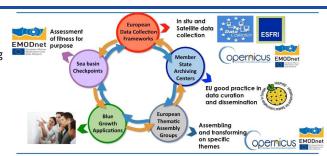




**EMODnet** 

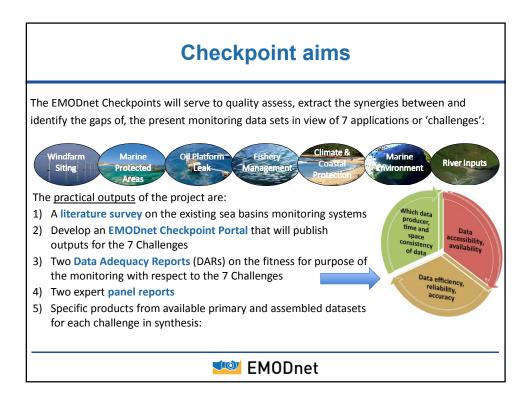
### Sea basin checkpoints - high level scheme

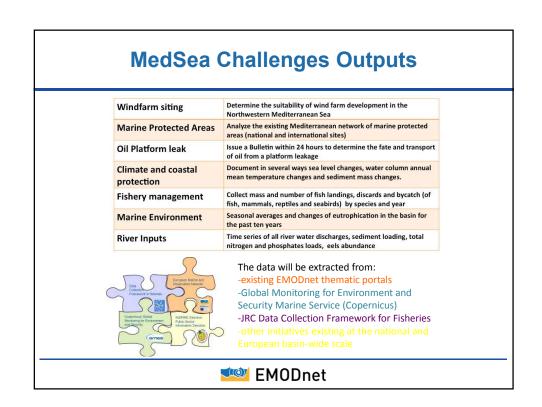
The basin checkpoints are at the end of a long value-adding chain and they feed back to the European Data Collection Framework by assessing the quality of the monitoring systems



What Checkpoints do:
Assessments on monitoring systems.
Development and release of specific products is a means.







#### **MedSea Literature Survey**

The Literature survey tried to answer these questions:

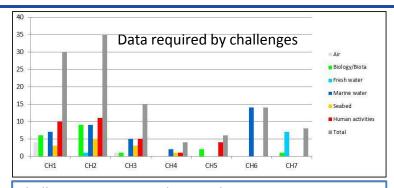
- •Is there an overview of data appropriateness and availability?
- •Are there any statements made as to fitness for purpose?

# The Literature Survey analyzed 18 'Use Cases' and concluded that 'fitness for purpose' is:

- 1) Medium to low for Air Matrix Characteristics since space-time resolution is medium to low and availability could be low.
- 2) High for Marine and Fresh Waters Characteristics because data space-time resolution is adequate and availability is high, with discovery and downloading is easy.
- **3)** Medium to low for Biology/Biota Characteristics since space-time resolution is still inadequate and visibility is medium to low.
- **4) Low to high for Seabed Characteristics** because resolution is insufficient, coverage poor and access restricted and not visible



### MedSea Literature Survey



Challenges require 73 distinct characteristic categories

More than 100 data providers have been described capable in principle to provide the necessary input data

MORE INFO: https://webgate.ec.europa.eu/maritimeforum/node/3646



## **MedSea Next Steps**

- Start to collect data and prepare the Databases for the Challenges
- Prepare the Web-GIS system for the monitoring assessment
- Implement the 'fitness for purpose' criteria and further refine them
- Produce the first Adequacy Report (May 2015)

