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❖ **Coastal areas:** the most productive and dynamic environment of the world ocean with significant resources and services for mankind. **"The importance of complex processes in the coastal zone means that the JERICO-NEXT Project is investing in scientifically sound simultaneous observations of physical, chemical and biological parameters and in innovation in key areas of biogeochemical observing technologies."** (The JERICO-RI consortium, 2017, Helsinki)

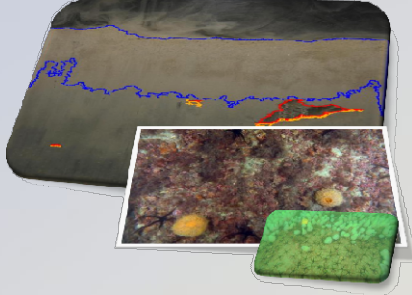
JERICO-NEXT Joint European Research Infrastructure network for Coastal Observatories Novel European eXpertise for coastal observatoRIES

❖ History

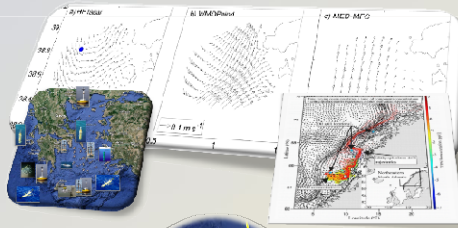
- ✓ After an FP7 project : 2011-2015, 7.5 M€ ⇒ **H2020 project : 2015-2019, 10M€** ⇒ **Towards a sustained research infrastructure**
- ✓ Pan-European network with 34 organizations from 15 countries. Coordinated by Ifremer

❖ 6 scientific topics

Macrobenthic biodiversity



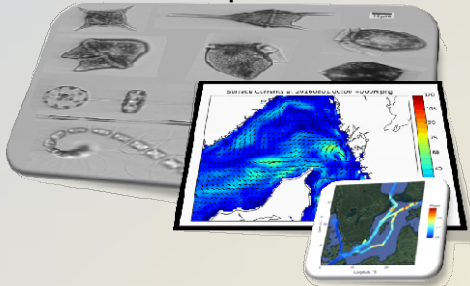
Coastal forecasting



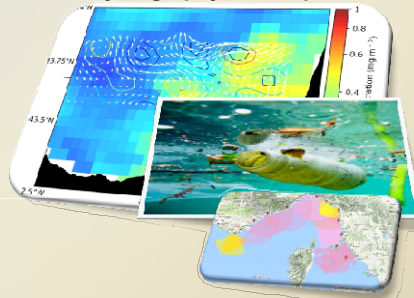
Chemical contaminants & biological responses



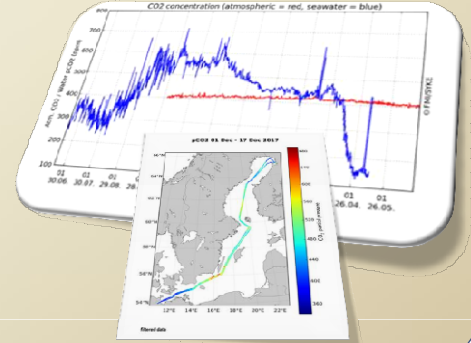
Phytoplankton, HAB & eutrophication



Hydrography & transport



Coastal carbon fluxes



❖ Pan-European coastal Research Infrastructure (RI) with ferryboxes, gliders, cable observatories, moorings and HF radars.



✓ More: www.jerico-ri.eu

❖ Purposes of JERICO-RI



- Integrated study and monitoring of physical, chemical and biological variables at HF, in EU coastal waters.
- To serve the implementation of European marine policies (WFD, MSFD).

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