JERICO-RI, the Joint European Research Infrastructure of Coastal Observatories: overview and willingness for operational operation

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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
Phytoplankton, HAB & eutrophication
Hydrography & transport
Coastal carbon fluxes
Coastal forecasting
Chemical contaminants & biological response

❖ 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).

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

More: www.jerico-ri.eu

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