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# EVOLUTION OF COPERNICUS EMERGENCY MANAGEMENT SERVICE EXAMPLE OF COASTAL FLOOD AWARENESS SYSTEM

Implemented by the European Commission as part of the Copernicus Programme



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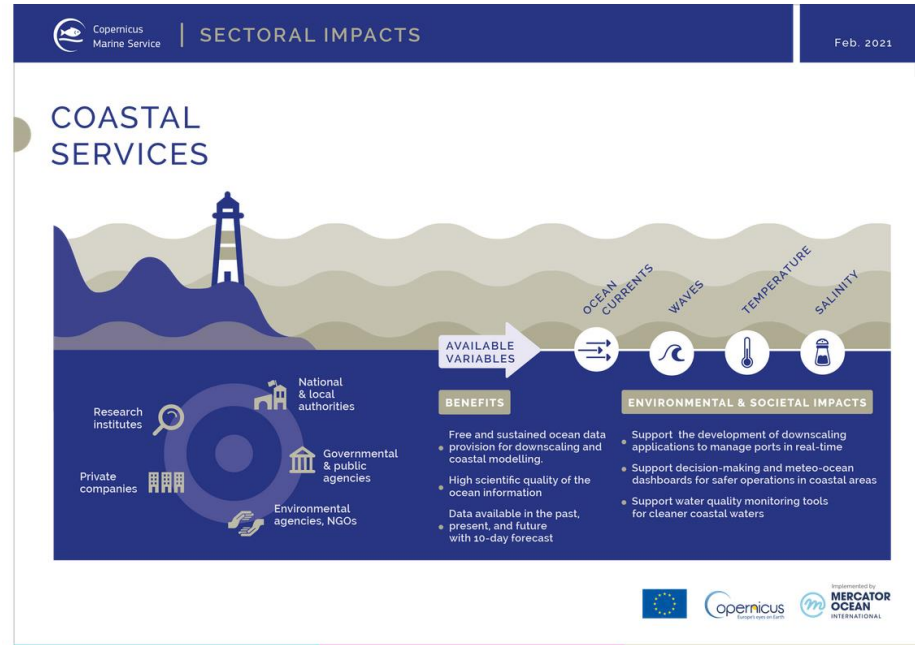
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## Floods

< The EMS flood component provides flood-relevant forecasting and monitoring information. >



The second phase of evolution of CMEMS (2021-2027) will design coastal monitoring and forecasting capabilities in partnership with Member States. These activities begin in 2023-2024.

***Each member State is actually solicited*** to describe its needs or oppositions to set up European impact forecasting, vigilance and warning services around the risk of coastal flooding (“coastal flood awareness”) by CMEMS.

## Are you involved in the building of an answer at your national level for this question?

For France :

the positioning in connection with European activities on products and services for forecasting the impact of submersion, vigilance and alert is that :

-The major risk identified is that of the inconsistency between the legal national system serving as a reference for warning and alert (Submersion Wave Vigilance - VVS - operated by Météo-France in partnership with the Shom), and a European information system,

-providing the authorities in charge of crisis management and the general public with information from these two sources would generate:

+an inconsistency between different but complementary products, one provided by the national system, the other by the European system (for example level of vigilance and map of flooded areas, etc.) which would be produced from different meteo-oceanographic forecasts; -

+an inconsistency between products having similar functions, developed with oceanographic coastal forecasts and/or different threshold criteria: this is the probable case of the levels of vigilance from which the VVS and the coastal ECFAS indicator of submersion are activated



For France,

The public dissemination of European vigilance for the French coasts must only be done with a precision clearly below the VVS if it differs from it.

Otherwise, any vigilance from the pan-European service should only be transmitted to the operator of the VVS system, who decides whether or not to rely on this information

Any alert by the Copernicus services in French marine areas is also to be excluded.