**Title and acronym of the project**

LOREA: Interregional System of Coastal Operational Oceanography

**Project logo**

**Thematic area**

Land Use-Estuaries and Marine

**Funding Programme**

POCTEFA Program (Spanish-French border)

**Implementation period**

2008-2011

**Coordinator**

France

**Countries involved**

Spain

**Source of information (link)**

<https://www.keep.eu/project/7607/litoral-oc%25C3%25A9ano-y-r%25C3%25ADos-de-euskadi-aquitania-sistema-interregional-de-oceanograf%25C3%25ADa-litoral-operacional?ss=ff529197b75f16a335d6c6b04a2faef3&espon>=

**Project overview**

The objective of the LOREA project, based on coastal operational oceanography, is to develop different applications related to the protection of the marine environment through local hydrodynamic modelling.

These applications are predictive tools adapted to specific local problems: transportation of pollutants (hydrocarbon spillages, floating waste, microbiological quality of bathing waters, etc.), impact on resources and the natural environment (prediction and assessment of risks), modifications to the natural environment (silting). These objectives are tools to help in decision-making for coastal groups.

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**Results**

LOREA has made it possible to make available to the entities in charge of managing the coast some twenty models in the field of forecasting the arrival of hydrocarbon layers, floating waste and the quality of bathing water.