





indigorock Marine Research Station

INSTITUTO



Plymouth Marine Laboratory



istituto de Estadística y Cartografía de Andalucía CONSEJERÍA DE ECONOMÍA Y CONOCIMIENTO

PRIMROSE project builds on existing monitoring programmes carried out in the partners regions to estimate harmful blooms, shellfish toxins and microbial contamination to comply with EU regulations. It will add value to these programmes by re-use of valuable data that is already being generated.

This project is supported by the **INTERREG** Atlantic Area Work Programme. Project number: EAPA_182/2016





Predicting the Impact of Regional Scale events on the Aquaculture Sector









Why?



The Common Fisheries Policy reform indicates that to achieve the desired expansion of aquaculture, it is critical that:



Objectives

- Improved forecasts with improved resolution
- A wider suite of parameters
- New index based risk assessment
- Encompas aquaculture regions from Shetland to Canary Islands.
- Forecast will include microbial risk and climate impacts, in addition to algal bloom predictions.
- Improved spatial resolution utilising new generation Sentinel data products for aquaculture production areas in Ireland, Scotland, Spain, Portugal and France.



How?

The transnational aspects of **PRIMROSE** will be developed through the implementation of a portal system using common best practice and methodologies and a joint front end.

This new system will develop an easily understandable traffic-light risk index

Reporting procedures will be standardised, and partly automated for an expert evaluator to have information available to make an accurate forecast.

The market for our products includes policy makers, risk regulators, food safety authorities and the shellfish and fin-fish industry and will exploit existing EU investment in marine observing infrastructure.



