

Partners



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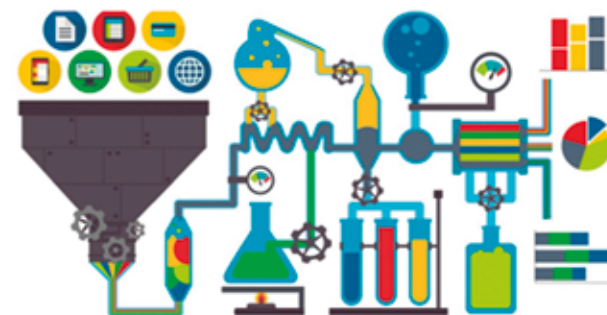
PRIMROSE project builds on existing monitoring programmes carried out in the partners regions to estimate harmful blooms, shellfish toxins and microbial contamination to comply with EU regulations. It will add value to these programmes by re-use of valuable data that is already being generated.

This project is supported by the INTERREG Atlantic Area Work Programme.

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Predicting the Impact of Regional Scale events on the Aquaculture Sector



Why?

The aquaculture sector on Europe's Atlantic Arc (AA) is negatively impacted by the effects of harmful blooms and microbial pathogens.



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

marketed shellfish are safe for human consumption.

mortalities of farmed fish are minimised.

Priority Issues

- Microbial risk in shellfish
- Harmful algal blooms (HABs)

BIOTOXINS

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 of satellite ocean colour products utilising new Sentinel sensors for aquaculture production areas in Ireland, Scotland, Spain, Portugal and France.



ATLANTIC AREA PROGRAMME 2014-2020

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



PRIMROSE

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