

*Poster Presentation requested*

## **SAFI: Supporting our Aquaculture and Fisheries Industries**

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With the launch of the Sentinel satellite series progressing, the task remains to adapt Europe's use of Earth Observation data and integrate it into applications that can facilitate more informed decision making that balances the need between environmental protection and economic activity. The aquaculture and fisheries sectors present obvious opportunities for this, with operational and planning decisions often made on the basis of limited data and information. These industries could significantly benefit from the availability of and easy access to satellite-derived information products that can complement information from in-situ sensors and models.

The FP7-funded "Supporting our Fisheries and Aquaculture Industries" (SAFI) project (<http://www.safiservices.eu>) shall develop a decision support service specifically for these sectors. The pan-European collaboration is using Earth Observation data products, combined with in-situ environmental data, species habitat and growth data, to derive a series of indicators which can inform operators and managers about factors affecting commercial species (e.g. habitat suitability, potential relative productivity levels, potential growth rates, physiochemical environmental conditions). All will be available via an online web-GIS based decision support service providing information in a clear and easy to interpret way.

The products and service are being developed in close consultation with operators and key stakeholders in the aquaculture and fisheries sectors across Europe. This shall ensure that, once developed, the Earth Observation data is being processed, refined and delivered as targeted information that is of maximum benefit to the industry and related regulatory bodies.

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