



Mediterranean Aquaculture Integrated Development

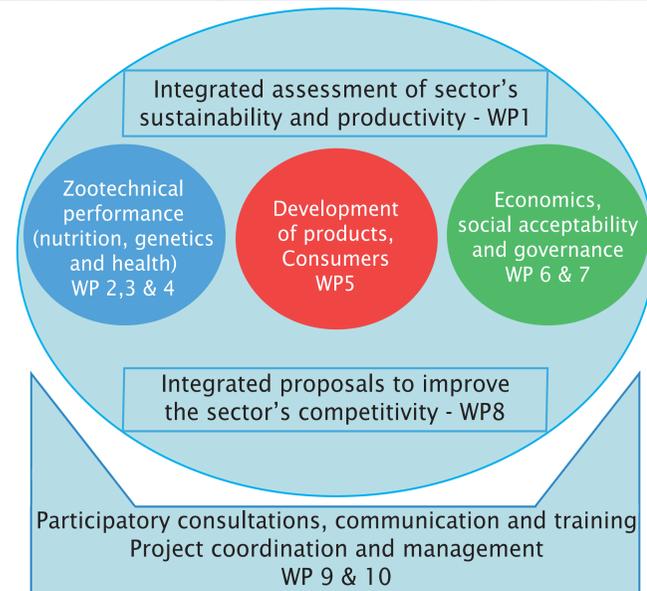
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Mediterranean Aquaculture Integrated Development is a four-year project (2017-2021) financed by the Horizon 2020 Research and Innovation programme of the EU. MedAID's main goal is to enhance the competitiveness and sustainability of the Mediterranean marine aquaculture sector, focusing on the two main species farmed, sea bass and sea bream.

Objectives

- To make an integrated assessment of the sector so as to identify the main challenges conditioning sustainability.
- To generate innovative knowledge of the technical, environmental, economic and social issues that are currently faced by the sector.
- To develop tools to improve the performance of the production systems, create added value products, and draw up socially responsible business plans.



Impacts



A holistic assessment of the sector (**WP1**), covering the whole value chain, has been performed. The technical, economic and environmental, as well as social and governance components, have been analysed (**D.1.2 & D.1.3**).

WP2 focus on identifying zootechnical gaps to establish best management regimes and to obtain optimal growth with minimal adiposity, which consider both a correct welfare status and unfavourable farm conditions.

WP3 is developing a chip that will fill a large technology gap, enabling genomic selection and genetic gain for key economic traits and improved breeding programs.

WP4 has reviewed the prevalence of main diseases impacting Mediterranean marine fish farming and is implementing new risk assessment tools. It is strengthening diagnostic capacities, improving communication and harmonization on diagnostic procedures (**D.4.2**). In addition, a prototype VNN vaccine is now ready for testing in experimental trials.

WP5 is exploring the potential for different alternative new aquaculture products. After assessing consumers' preferences and profiles (**D.5.2**) and identifying product and market requirements of aquaculture chain stakeholders (**D.5.1**), the development of new products has commenced with a characterization of their technological properties.

WP6 analyses the economic efficiency and performance of the whole sector. The information about the market structure and its dynamics (**D.6.2**) will set the basis for proposing business and marketing strategies for the sector.

WP7 analyses the institutional and social constraints of the sector with an exploration of their social acceptability, in order to develop the "Guidelines in support of social acceptability of sustainable aquaculture development".

WP8 will integrate outcomes from all WP's to propose innovative management practices in order to improve the overall competitiveness and sustainability of the sector.

Dissemination

MedAID, through its website and other media channels, aims to reach all relevant stakeholders in an effective manner. Please, visit our webpage and access to our Blog, information about meetings, training activities, Health forum and all project Deliverables, presentations at congresses or events, as well as open-access scientific articles.

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