

ENHANCEMICROALGAE

Programme Priority

1. Stimulating innovation and competitiveness

1.2. Strengthening the transfer of innovation results to facilitate the emergence of new products, services and processes

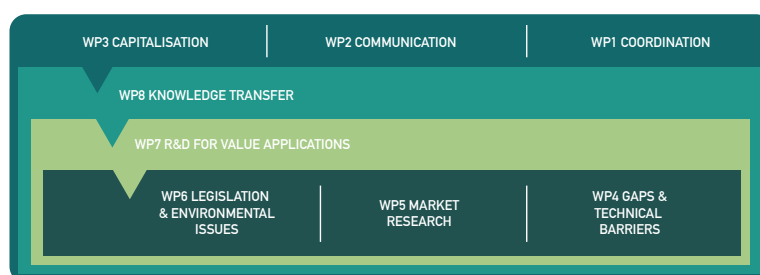
Summary

Microalgae production for high added value compounds is identified as a business sector with high growth potential in the near future, especially in the Atlantic Area.

Whereas scientific knowledge about microalgae production and applications in different areas (nutritional, cosmetic, pharmaceutical, aquaculture...) has steadily developed in the last decades, the industrial exploitation of these advances is far behind.

EnhanceMicroAlgae project aims to facilitate the development of industrial and business opportunities in the microalgae sector within the Atlantic regions of Ireland, UK, France, Spain and Portugal. To achieve this goal the analysis of skills, gaps and opportunities, the development of study cases and Decision Support Tools, the incorporation of emerging technologies and the promotion of spin-offs and qualified employment will be undertaken.

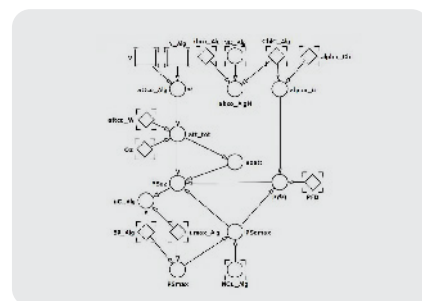
WORKPLAN



MAIN OUTPUTS AND RESULTS

The work plan has been conceived to guarantee results having a real positive impact in enhancing the AA microalgae sector including:

- Microalgae sector dissemination through comics and illustration (WP2)
- Online database of stakeholders and other key experts of the microalgae sector in the Atlantic Area (WP4)
- Identification of new market opportunities (cosmetic ingredients, nutraceutical extracts, phytochemical production, animal and human nutrition) and challenges (WP5)
- Accelerate EU decision on legislation uniformity related to uses of microalgae in food and feed and increase knowledge about environmental impact of microalgae production (WP6)
- A DST to help SMEs decide on culture system, and culturing approach, to optimize production rate including links to researchers to provide additional assistance for facility design (WP7)
- Spin off and start-up support programs and Specific capacitating programs on the technologies developed in the project with the objective of fostering skilled employment (WP3)



- A guide, with decision trees, providing a road-map for commercial exploitation of microalgae according to desired product type (WP7)
- Virtual marketplace as a platform for services and interests exchanging, supported by project partnership (WP8)

PARTNERS

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