



integrate

**Integrate Aquaculture: an
eco-innovative solution to foster
sustainability in the Atlantic Area**

www.integrate-imta.eu

ABOUT INTEGRATE

Despite being a key driver of the maritime economy in the European Atlantic Area, Atlantic aquaculture faces significant challenges: environmental management at farming sites, the European north-south divide, regulatory hurdles, long licensing processes, low levels of consumer knowledge and acceptance, competition for space with other maritime activities, etc. **INTEGRATE** contributes to overcoming these challenges by facilitating the transition towards commercial Atlantic Integrated Multi-Trophic Aquaculture (IMTA).



European Regional Development Fund



EUROPEAN UNION

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INTEGRATE IMTA



LINKEDIN GROUP: INTEGRATE IMTA

OBJECTIVES

- To strengthen collaborative networking around eco-efficient aquaculture techniques.
- To communicate the principles and benefits of IMTA (eco-innovation and eco-efficiency) and raise awareness of IMTA's holistic approach.
- To achieve market consolidation of EU sustainable seafood.
- To fulfil Atlantic Area & EU regional goals as the industry transitions to resource-efficient technologies: promotion of green and blue growth in aquaculture.

ACTIONS

- Support of meaningful cooperation between academia, the corporate sector and relevant authorities through online discussion groups, thematic workshops, expert roundtables and open access to the project's pilot IMTA facilities:

Pilot 1: Testing new IMTA technologies attached to Atlantic cage farming (value added organic and inorganic extractive components, including the development of IMTA's benthic component).

Pilot 2: Near-shore eco-friendly IMTA developments attached to Atlantic oyster farming (Porphyra-oyster associations).

Pilot 3: Development of an IMTA eco-friendly standard model for Atlantic land-based semi-extensive aquaculture.

- Assessment of national regulatory frameworks governing the development of commercial IMTA in the Atlantic Area.
- Ecopath modelling, life cycle assessment and Energy accounting of Atlantic IMTA pilots.
- Direct consultation with aquaculture producers and key stakeholders to identify specific regional levers and hurdles in order to define the INTEGRATE strategy for the development of commercial Atlantic IMTA.
- A knowledge compilation of IMTA in the Atlantic Area will be made available in the shape of best practice guidelines.



QUICK FACTS



PROGRAMME

INTERREG ATLANTIC AREA



DURATION

June 2017 – May 2020 (36 months)



PARTNERSHIP

8 partners from Spain, Portugal, France, Ireland and United Kingdom:

- Fundación Centro Tecnológico Acuicultura de Andalucía (ES)
- Irish Seaweed Consultancy (IE)
- Institut National Supérieur des Sciences Agronomiques, Agroalimentaires, Horticoles et du Paysage (FR)
- Scottish Association for Marine Science (UK)
- Instituto Português do Mar e Atmosfera, I.P. (PT)
- National University of Ireland Galway (IE)
- ALGApplus Produção e Comercialização de algas e seus derivados Lda. (PT)
- Centre d'Etude et de Valorisation des Algues (FR)

11 associated partners



COORDINATOR

Fundación Centro Tecnológico Acuicultura de Andalucía (CTAQUA)



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