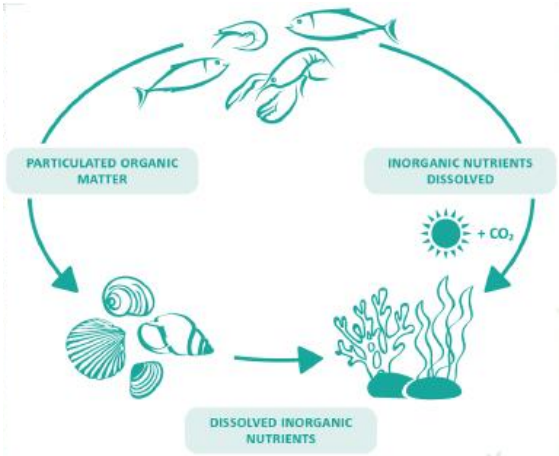

PARTICULATED ORGANIC MATTER
INORGANIC NUTRIENTS DISSOLVED
+ CO_2
DISSOLVED INORGANIC NUTRIENTS

integrate

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

PROJECT OVERVIEW

Interreg
Atlantic Area
European Regional Development Fund

EUROPEAN UNION

CONTENT

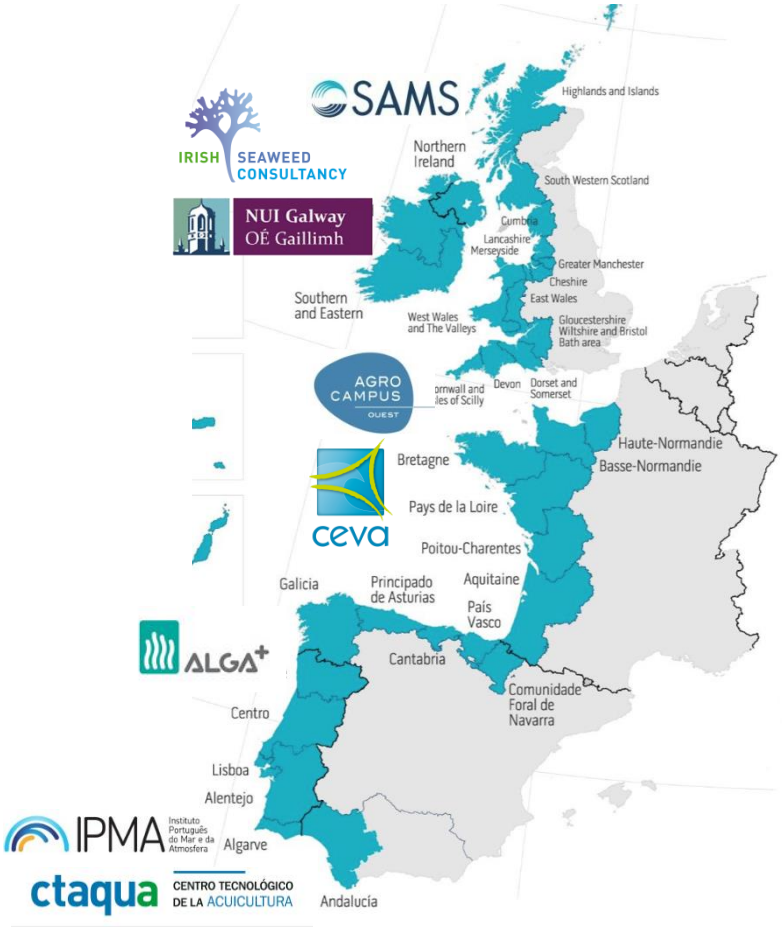
PROJECT DETAILS

Funding programme	Interreg Atlantic Area
Phase	2014-2020
Call for proposals	2016
Project code number	EAPA_232/2016
Programme priority	Resource efficiency
Duration	2017-2020

Interreg Atlantic Area
European Regional Development Fund
integrate

PARTNERSHIP

Partner	Country
Centro Tecnológico de Acuicultura de Andalucía	Spain
Irish Seaweed Consultancy	Ireland
Institut National Supérieur des Sciences Agronomiques, Agroalimentaires, Horticoles et du Paysage	France
Scottish Association for Marine Science	United Kingdom
Instituto Português do Mar e da Atmosfera	Portugal
National University of Ireland Galway	Ireland
ALGAplus Produção e Comercialização de Algas e seus Derivados	Portugal
Centre d'Etude et de Valorisation des Algues	France



PARTNERSHIP

Associated partner	Country
Région Bretagne: Service pêche et aquaculture	France
Moinho dos Ilhéus	Portugal
Comité Régional de la Conchyliculture Bretagne-Nord	France
Asociación de Empresas de Acuicultura Marina de Andalucía	Spain
Comité Régional Conchylicole de Bretagne-Sud	France
BIM, Ireland's Seafood Development Agency	Ireland
Indigo Rock Marine Station	Ireland
Plataforma Tecnológica Española de la Pesca y la Acuicultura	Spain
Zero Waste Scotland	United Kingdom
Scottish Aquaculture Innovation Centre	United Kingdom
Secretaría General de Pesca (Ministerio de Agricultura y Pesca, Alimentación y Medioambiente)	Spain

PARTNERSHIP

SUMMARY

- INTEGRATE fosters cooperation for industrial transition towards IMTA in AA
- INTEGRATE provides tools to increase competitiveness
- INTEGRATE contributes to removing barriers for green growth while improving the quality and public image of aquatic products

OBJECTIVES

1. To strengthen collaborative networking around eco-efficient aquaculture techniques

2. To communicate the principles and benefits of IMTA (eco-innovation and eco-efficiency) and raise awareness of IMTA's holistic approach

3. To achieve market consolidation of EU sustainable seafood

4. To fulfil AA & EU regional goals as the industry transitions to resource-efficient technologies: promotion of green and blue growth in aquaculture

EXPECTED RESULTS

OBJECTIVE 1: To strengthen collaborative networking around eco-efficient aquaculture techniques

- Atlantic IMTA platform
- Training courses & living labs
- IMTA specialist groups & business-related networking events
- Collaboration within wider partnership (partners & associated): Research organisations, SMEs, business associations, knowledge transfer agents, market representatives, authorities

EXPECTED RESULTS

OBJECTIVE 2: To communicate the principles and benefits of IMTA (eco-innovation and eco-efficiency) and raise awareness of IMTA's holistic approach

- Website & social media
- Newsletters, leaflets, audiovisuals, layman's report, etc.
- Scientific papers

EXPECTED RESULTS

OBJECTIVE 3: To achieve market consolidation of EU sustainable seafood

- Assessment of producers' and stakeholders' perception of IMTA
- Assessment of IMTA's environmental performance in AA
- IMTA standard eco-friendly label

EXPECTED RESULTS

OBJECTIVE 4: To fulfil AA & EU regional goals as the industry transitions to resource-efficient technologies: promotion of green and blue growth in aquaculture

- 3 pilot actions to test suitable technologies at different AA sites
- IMTA training courses, living labs, workshops, technical guides
- Policy briefing docs to support a suitable IMTA regulatory framework
- Identification of bottlenecks for IMTA in AA & IMTA Strategy Plan
- 4 SMEs getting hands-on IMTA experience at AA level

WORK PLAN

- WP 1 Project coordination
- WP 2 Project Communication
- WP 3 Capitalisation
- WP 4 Understanding IMTA best practices in the Atlantic Area
- WP 5 IMTA's environmental contribution
- WP 6 Defining a framework for IMTA development: Action Plans for the Atlantic Area

WORK PLAN

WP 1 Project coordination

- Strategic Project Management
- Project monitoring
- Partnership meetings
- Quality control and performance indicators
- Risk management
- Legal aspects management and intellectual property rights

WORK PLAN

WP 2 Project Communication

- Communication plan and project branding
- Website and social networks
- Events for results dissemination and final symposium
- Media
- Online communication
- Outreach to wider public

WORK PLAN

WP 3 Capitalisation

- Developing an Atlantic Area IMTA community
- Transfer of knowledge to students: training activities
- Transfer of knowledge to professionals: thematic workshops on eco-efficient practices in aquaculture
- Transfer of knowledge to professionals: living labs
- Development of a supportive regulatory framework for IMTA

WORK PLAN

WP 4 Understanding IMTA best practices in the Atlantic Area

- IMTA Joint knowledge (state of the art in the Atlantic Area)
- Atlantic Area Experts Groups to exchange current knowledge and develop best practice
- Pilot actions
- Knowledge compilation in IMTA Atlantic Area (INTEGRATE best practice guidelines)

WORK PLAN

WP 5 IMTA's environmental contribution

- Modelling IMTA's environmental performance
- IMTA life cycle assessment
- Closing the loop: action plan for a greater contribution towards circular economy
  - IMTA standard eco-friendly label
  - Implementation of environmental best practice in IMTA systems

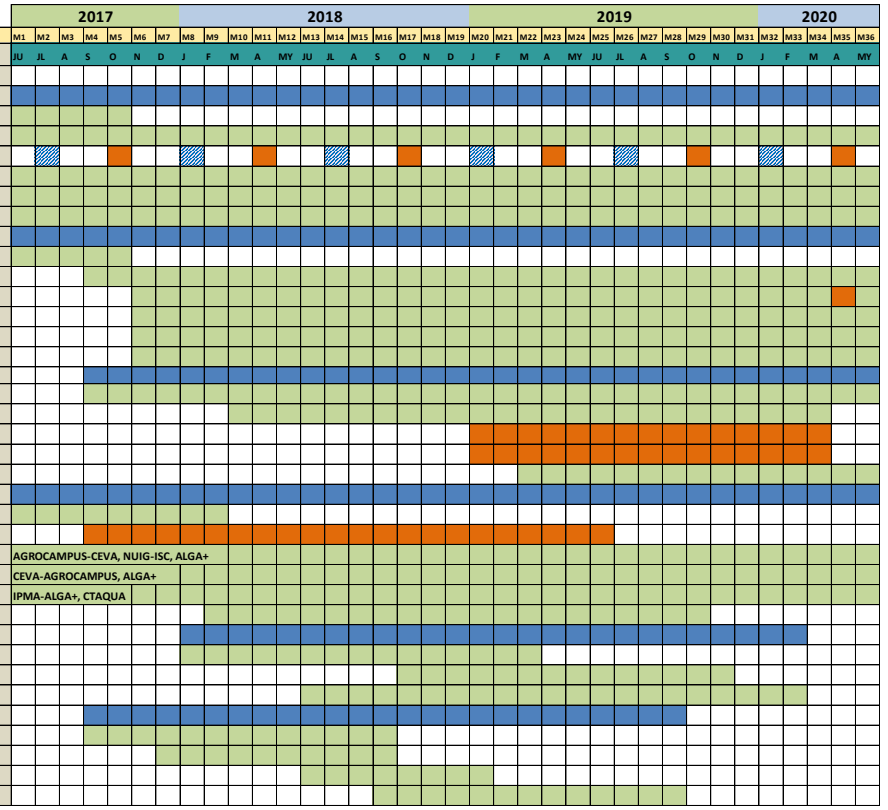
WORK PLAN

WP 6 Defining a framework for IMTA development: Action Plans for the Atlantic Area

- Identification of bottlenecks to the implementation of IMTA across the Atlantic Area
- Stakeholders' position IMTA in Europe: case studies
- Assessment of case studies: SWOT
- Strategy plan for the implementation of IMTA in the Atlantic Area

TIMESCALE

WORK PACKAGES	LEADER	PARTNERS	MONTHS
WP Nr. 0 Project Preparation	**CTAQUA**	**ALL**	
WP Nr. 1 Project Coordination	**CTAQUA**	**ALL**	**36**
Strategic Project management			
Project monitoring			
Consortium meetings			
Quality control and performance indicators			
Risk management			
Legal aspects management and intellectual property rights			
WP Nr. 2 Project Communication	**CTAQUA**	**ALL**	**36**
Communication and image plan of the project			
Dissemination platform and social networks			
Events for results dissemination and final symposium			
Communication media			
Online communication			
Outreach to wider public			
WP Nr. 3 Capitalization	**SAMS**	**ALL**	**33**
Developing an IMTA community			
Students Knowledge Transfer: Training activities			
Professionals knowledge transfer: thematic workshops on eco-efficient practices in aquaculture			
Professionals experience transfer to practice: living labs			
Development of a supportive regulatory framework for IMTA			
WP Nr. 4 Understanding IMTA Best-Practices in Atlantic Area	**ISC-CEVA**	**ALL**	**36**
IMTA Joint knowledge			
Creation of Atlantic Area Expert Groups to exchange current knowledge and develop best practice			
Pilot action 1: Testing new eco-friendly technologies applied to IMTA			
Pilot action 2: Near-shore eco friendly IMTA developments (Porphyra-oysters)			
Pilot action 3: Test and develop IMTA eco-friendly standard model for land-based semi-extensive aquaculture industry			
Knowledge compilation in IMTA Atlantic Area			
WP Nr. 5 IMTA's Environmental Contribution	**AGROCAMPUS**	**ALL**	**26**
Modelling how IMTA contributes with environment			
Life Cycle performance of IMTA			
Closing the loop: Action plan for a greater contribution with circular economy			
WP Nr. 6 Defining Framework for IMTA Development of Action Plans for the Atlantic Area	**CEVA**	**ALL**	**25**
Identification of barriers in the application of IMTA through AA			
Stakeholders position of IMTA in Europe: 10 selected facilities across AA			
Regulatory analysis in AA of IMTA			
How to develop an action plan: from diagnosis to action			



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sustainability in the Atlantic Area

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