

ASTRAL

All Atlantic Ocean Sustainable, Profitable and Resilient Aquaculture

Pillar IV
Healthy oceans and resilient
coasts
6 | Stronger coastal
resilience



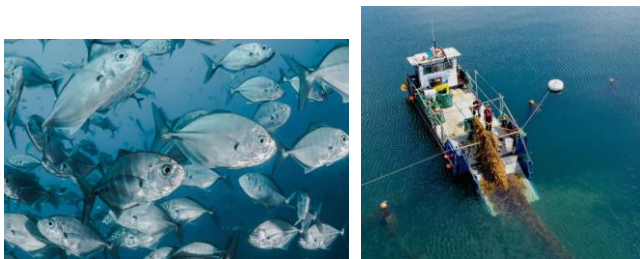
ASTRAL focuses on integrated multi-trophic aquaculture (IMTA) farming and defines, supports and promotes this type of sustainable aquaculture production in the Atlantic area.

Overview

In integrated multi-trophic aquaculture (IMTA), multiple aquatic species from different trophic levels are farmed together. Thus, waste from one species can be used as input (fertiliser and food) for another species.

The EU-funded ASTRAL project will develop IMTA production chains for the Atlantic markets. Focusing on a regional challenge-based perspective, it will bring together labs in Ireland and Scotland (open offshore labs), South Africa (flow-through inshore) and Brazil (recirculation inshore) as well as Argentina (prospective IMTA lab).

The aim is to increase circularity by as much as 60% compared to monoculture baseline aquaculture and to boost revenue diversification for aquaculture producers. ASTRAL will share, integrate, and co-generate knowledge, technology and best practices, fostering a collaborative ecosystem along the Atlantic.



Project funding

Total cost:
7,939,354.88 euros

EU funding:
7,939,354.88 euros

Funding instrument:
Horizon 2020

Contact

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NORCE NORWEGIAN
RESEARCH CENTRE AS 

Impact & Results

ASTRAL will deliver an ambitious and gender-sensitive human capital development plan (HUCAP) which will improve professional skills and create a highly trained workforce. ASTRAL will share, integrate and co-generate knowledge, technology, practices and efforts with and for society, oriented towards pro-poor and gender-sensitive development.

PARTNERS



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