

## Circular Competence Training for Aquaculture Waste Management using VR and AR tools

[www.circu-tech.eu](http://www.circu-tech.eu)

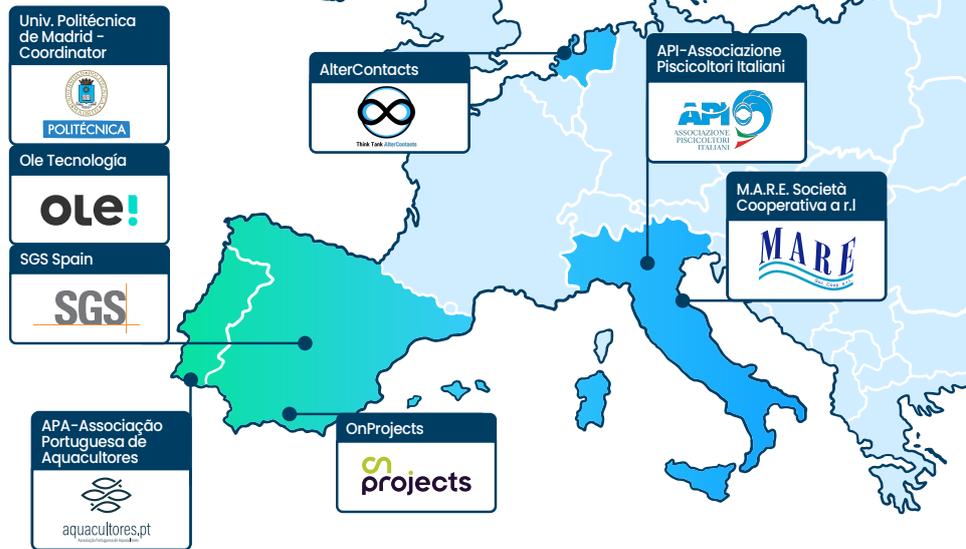
in CIRCUTECH | EU Project

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### PROJECT AT A GLANCE

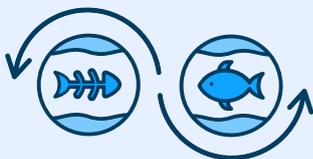
CIRCU-TECH is an Erasmus-funded project driving the transition of aquaculture towards a more circular and resilient sector.

The project focuses on improving the practical management of aquaculture by-products by combining concrete circular solutions with immersive VR and AR training that supports professionals in applying sustainability principles directly to their farms.



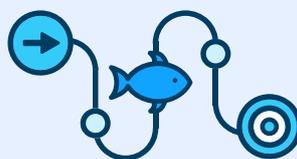
### HOW ARE CIRCU-TECH SOLUTIONS REVOLUTIONISING THE AQUACULTURE SECTOR?

The project combines sector-specific expertise with innovative training tools to deliver practical solutions that can be applied directly in real aquaculture settings:



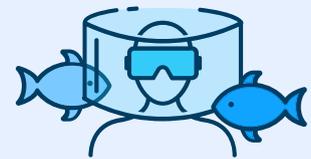
#### A circular waste management model

This is a practical framework tailored to aquaculture operations that helps farms to redesign how by-products are reduced, reused and valorised.



#### Circularity indicators

Simple tools to assess and track environmental performance and the uptake of circular approaches at farm level.



#### A VR/AR-supported training programme

This industry-driven training blends traditional learning with immersive simulations, enabling professionals to develop, test and optimise their circular practices.

These solutions reduce environmental impact and improve operational efficiency while supporting a more sustainable aquaculture sector across Europe.

## HOW DOES CIRCU-TECH PROMOTE CIRCULARITY?

The project helps the aquaculture sector to transition from linear waste management to resource-efficient and regenerative approaches by:



Supporting the shift towards reuse, recovery and smarter use of aquaculture by-product streams.



Encouraging eco-design, prevention and optimisation approaches throughout aquaculture processes.



Strengthening professional competencies to enable the long-term adoption of sustainable solutions.

### It is aligned with major EU policies:

European Green Deal · EU Circular Economy Action Plan · Farm to Fork Strategy  
Sustainable EU Aquaculture Guidelines · Blue Economy strategies

## WHY IS THIS PROJECT RELEVANT TO YOU?



### Aquaculture professionals and companies

Real-life practices to improve waste management, sustainability performance and blue skills on farms.



### VET providers and educators

Ready-to-use training content and innovative learning tools aligned with real sector needs.



### Industry associations and networks

Common frameworks and resources to support members and scale sustainable practices.



### Policymakers and sustainability stakeholders

Practice-based insights contributing to EU sustainability and circular economy objectives.

Project N. 2024-1-ES01-KA220-VET-000249427  
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Co-funded by  
the European Union

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.