

TO DEVELOP, PROMOTE AND SUPPORT THE CONCEPT OF CIRCULAR AQUACULTURE

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WHY AQUALOOP?

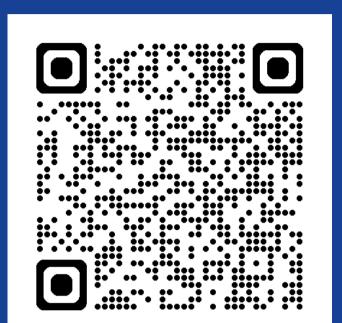
Due to effective feed conversion ratios (FCR), food from aquaculture is seen as the most promising and resource efficient source of healthy protein and lipids (omega-3 fatty acids) that will contribute to feeding the ever-expanding global population.

Worldwide aquaculture production is increasing at an impressive rate, but not in the South Baltic region, due to environmental, legal, economic and social restrictions. The present state of aquaculture

production In the South Baltic region will continue to permit the expansion of non-sustainable fish production in other parts of the world, unless new production methods that support circular economy and blue biotechnology are broadly adopted.

PURPOSE: The objective of the Aqualoop project is to develop, promote, and support the concept of circular aquaculture in the South Baltic region for the green transition, with a focus on nutrient loop containment with by-products production towards responsible consumption.

SOLUTION: The foreseen actions are designed to develop and showcase original, innovative solutions, prepare present and future employees, business sector and customers for the circular aquaculture. The collaboration of universities, municipalities, associations and SMEs reflects the strong interest and link between research, education, awareness raising and application in industry. This partnership is essential in developing and implementing a circular economy-based practices.





Circular aquaculture South Baltic pilots

Cooperation with partners and joint development of tailored solutions for boosting human resource capacities through the development of 3 cross border pilots, testing innovative methods and tools, demonstrations communication.





Testing algae applications in recirculating aquaculture systems (RAS) to improve aquaculture circularity potential in the SB region



FISHVISA pilot, Klaipeda University, LT, Glasshouse for RAS and aquaponic experiments





Increasing the nutrient efficiency of commercial aquaculture through increased application of circular economy concepts













aquaculture sector.



Circular aquaculture

stakeholder support

Circular aquaculture training pool

methods, exchanging knowledge and experience

related to human resource capacities for the circular

Training activities for school youth, students

and professionals in innovative aquaculture





Sustainable food products from African catfish produced by AquaLoop parners and associated parners: Nutrition and Food and Scandinavian Aquasystems

Associated partners

Stakeholders

Partners

Polish Trout Breeder Association, PL, Danish Aquaculture, DK, Nutrition and Food Part of Bioenergie Lüchow, GmbH & Co. KG, DE, Aquafarm Lübesse GmbH & Co. KG, DE, Förde Garnelen GmbH, DE, Association Klaipeda Region, LT, Active Youth, LT, Association Modern Aquaculture, LT

LP University of Rostock, DE, University of Gdańsk, PL, Klaipeda University,

LT, Gulborgsund Municipality, DK, Fish Market Development Association, PL,

school youth, students, public authorities, policy makers, professionals:

farmers, fish-farmers, aquatic animal breeders, aquaculture enterprises,

bioeconomy enterprises, fish feed enterprises... YOU!

Scandinavian Aquasystems AB, SE, VKST, DK







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South Baltic











Photos credit: AquaLoop partners and associated partners





