



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.

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.

Enjoy our journey!

Aqualoop team

AQUACULTURE EXPERT FLOOR FOR CIRCULAR ECONOMY PRACTICE

Interreg



Co-funded by the European Union

South Baltic

aqua loop



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.



CONTACT US

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SEP 2023 – AUG 2026
36 MONTHS

7 PARTNERS
DE, PL, LT, DK, SE

1 673 348 EUR
ERDF: 1 338 678 EUR

SUSTAINABLE SOUTH BALTIC
SUPPORTING A CIRCULAR AND MORE RESOURCE
EFFICIENT DEVELOPMENT

aqualoop.edu.pl



PLAN OF ACTION

TOOLS

PilotLoops: 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 and communication.

TrainingLoop: Circular aquaculture training pool

Training activities for school youth, students and professionals in innovative aquaculture methods, exchanging knowledge and experience related to human resource capacities for the circular aquaculture sector.

SupportLoop: Circular aquaculture stakeholder support

Investigating best practices, experiencing the cross-sector cooperation possibilities in an international setting and forming international networks with organizations pursuing the same mission.

PILOTS

pilot 1: TARAS



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

pilot 2: NEMATIC



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

pilot 3: FISHVISA



Development of the fish-shrimp-vegetables integrated system of aquaponics to showcase the potential of circular economy

PARTNERS

LP University of Rostock, DE
University of Gdańsk, PL
Klaipeda University, LT
Gulborgsund Municipality, DK
Fish Market Development Association, PL
Scandinavian Aquasystems AB, SE
VKST, DK

Associated 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)
Oceanloop Kiel GmbH (DE)
Association Klaipeda Region (LT)
Active Youth (LT)
Association Modern Aquaculture (LT)



STAKEHOLDERS

school youth
students
public authorities
policy makers
professionals: *farmers, fish-farmers, aquatic animal breeders, aquaculture enterprises, bioeconomy enterprises, fish feed enterprises...*

YOU!

#AQUALOOP #INTERREG #SOUTHBAL TIC #SAILINGTOGETHER #UE #EUROPEANCOMMISSION #RAS #RECIRCULATINGAQUACULTURE #SUSTAINABLEAQUACULTURE #SUSTAINABLEFOOD #HEALTHYFOOD #ZEROWASTE #CIRCULARITY #AQUACULTUREPILOTS #AQUACULTUREDEMONSTRATIONS #CITIZENSCIENCE #AQUACULTURETRAINING #AQUACULTURESUPPORT #AQUACULTUREPLATFORM #OMEGA-3 #AWARNESRAISING #BLUECONLMY #CIRCULARECONOMY #LOCALMARKETS #SUSTAINABLEECONOMY #RESPONSIBLECONSUMPTION #ALGAE #SHRIMPS #AQUAPONICS #NUTRIENTEFFICIENCY