AQUAPHOENIX

ABOUT THE PROJECT

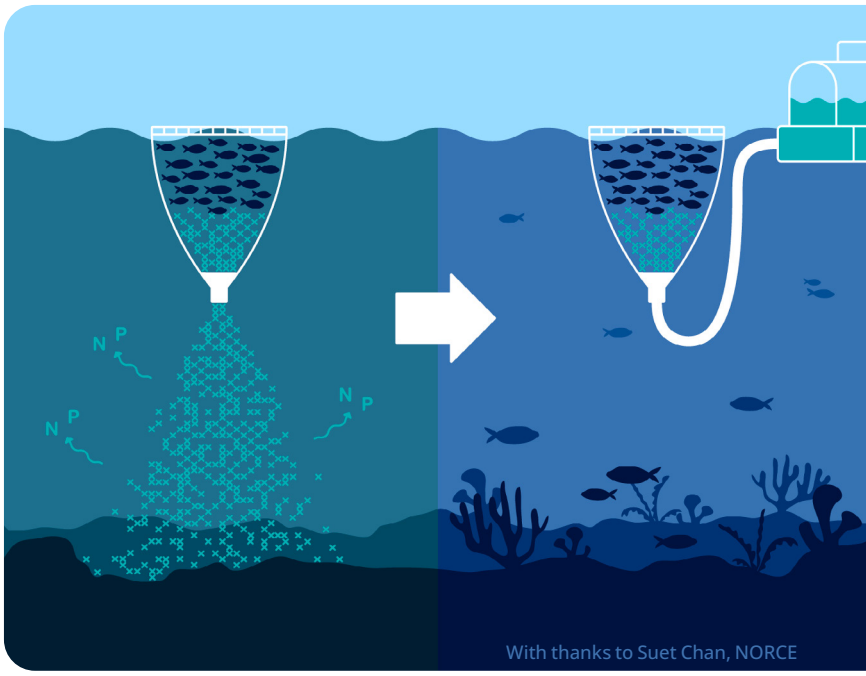
AQUAPHOENIX is a Horizon Europe project working to capture and reuse aquaculture waste. We apply novel scientific, technological and circular economic approaches to open pen aquaculture and help advance the transition towards a zero pollution Europe.

THE CHALLENGE: aquaculture waste

Aquaculture is the **fastest growing food sector** in the world. But **this growth presents a challenge**: fish farms release waste (sludge) that can emit harmful amounts of nitrogen and phosphorus (N+P) and risk pollution and food security.

THE SOLUTION: capture and reuse aquaculture waste

AQUAPHOENIX is developing technologies to **collect and recycle aquaculture sludge**, transforming it into new assets like clean energy. By applying circular approaches to capture waste and create value, we work to promote healthy seas and advance sustainable aquaculture.



OBJECTIVES ➡ IMPACTS

OBJECTIVE	OBJECTIVE	OBJECTIVE	OBJECTIVE	OBJECTIVE
Optimise sludge collection technology	Integrate environmental monitoring	Recycle aquaculture waste	Inform policy and decision-making	Share knowledge and ensure uptake
IMPACT	**IMPACT**	**IMPACT**	**IMPACT**	**IMPACT**
Allow for increased production while reducing emissions and protecting nature.	Monitor and budget regional emissions; quantify the restorative impact of sludge collection.	Test, validate and nurture the growth of products containing recycled sludge.	Support adoption of sludge collection; amplify novel waste collection and recycling approaches.	Grow public knowledge of circular aquaculture practices, make data and results accessible to all.

AQUAPHOENIX

PROJECT INFORMATION

DURATION: January 2025 - December 2028

CONSORTIUM: 19 participants from 5 nations

TOTAL BUDGET: €8 999 725.76

COORDINATOR: NORCE Norwegian Research Centre AS

PROJECT COORDINATOR: Ryan Weber| rywe@norceresearch.no

PROJECT MANAGER: Megan Brunswig Sikaneta| mesi@norceresearch.no

EMAIL: hello@aquaphoenix.eu

Funded by the European Union

Funded by the European Union under grant agreement no:101182028. 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 Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.

Linked in

AQUAPHOENIX.EU

SUBSCRIBE