



LEARNING LAB – objectives and outcome

Berlin, 9 October 2019

Preventive measures for averting the discarding of litter in the marine environment from the aquaculture industry













LL OBJECTIVES

- Federate stakeholder communities and engage them in preventing, reducing, monitoring, quantifying, removing and recycling aquaculture litter discard in the marine environment
- Facilitate the adoption of successful, existing solutions through capacity building
- Explore potential innovative solutions to marine litter reduction, removal and recycling
- Improve the understanding of stakeholders' needs to maximise the project impact



LL & OTHER AQUA-LIT OUTPUTS

WP2 State of Play findings (stakeholder mapping, best practice, questionnaire...)

WP 3 Learning Labs – Co-designing & testing tools

WP4 Toolbox for Integrated Approaches

WP5 Scaling up the Tide – Tool Implementation

Three Learning Labs (Oct.-Nov. 2019)

IEO & EurOcean

VLIZ

s.Pro







COMMON METHODOLOGY





WHAT IS A LEARNING LAB?

- A systemic transformation methodology that provides researchbased guidelines and
- Develops productive partnerships by forming inclusive problem solving teams of multiple local stakeholders who
- Design behavioural support systems responsive to diverse needs, strenghts, practices and goals of local stakeholders and
- Develop locally meaningful, socially just, mutually valued, culturally acceptable and sustainable systemic solutions to a common problem:

How can the aquaculture sector contribute to the reducing marine litter?

LL TARGET AUDIENCE

Number of participants : **10-15**

Aquaculture farmers (fish, shellfish, seaweed) Aquaculture material & gear producers Researchers Start-ups Innovators Port staff Professional clusters, associations and platform representatives NGOs (e.g. WWF, IUCN) Regional authorities Administration & policy makers Other project representatives, e.g. Seas at Risk Other





LL COMMON TIMELINE

	Welcome of participants, presentation of the agenda of the day and a short ice breaking activity
09:00-10:00	Plenary session - General introduction of the AQUA-LIT project, the objectives of the Learning Lab and expected outcomes, screening of the AQUA-LIT video
10:00-12:00	 Round Tables - A short introduction to every round table with a focus on the specific stage and specified questions. Roundtables: 1. Prevention & reduction of aquaculture litter 2. Monitoring & quantification of aquaculture litter 3. Recycling & removal of aquaculture litter
10:45-11:00	Coffee break
12:00-12:30	 Plenary Summary session 1. Presentation of results by facilitators 2. Rank your answers in the large timeline poster / discussion 3. Conclusion and closing remarks



ROUND TABLES – How to generate solutions





Prevention & Reduction

Eco-design guidelines:

Assessment following a matrix

- Use of material: regulation and banning; certification and cooperation along value chains
- Sustainable procurement
- Producer responsibility: Pricing signals; environmental criminal law & prosecution
- New technological approaches (e.g. RAS)
- Developments in engineering



Monitoring & Quantification

- Discuss existing, upcoming and potential monitoring & quantifying solutions
- Integrate WP2 findings
- Identify typical aquaculture types with related waste (inputs from WP2, Task .2.1)
- Structure monitoring & quantifying approach depending on: type of litter – farm location – type of aquaculture
- Collect adequate tools
- Test monitoring approaches (following validation process)



Removal & Recycling

- Identify & assess practices that improve waste management (waste reception facilities, recycling fishing nets...), removal systems, quality assurance scheme, deposit schemes, pricing signals (taxation); ecological or economical driven cases?
- Test a recycling system which extends producer responsibility & foresees recycling of returned or lost aquaculture gear
- Take into account new legislation related to Art. 8 and Annex E (COM 2018) 340 final

VALIDATION IN LL

Test & validate tools

In parallel to WP4



Conduct a scenario analysis - Evaluate costs & benefits of the implementation of candidate tools **Refine & select final tools** for implementation Evaluate the process, challenges & opportunities Plan implementation, set timelines & metrics to measure success

Implement tools (WP5)





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