



## *Life* **AQUAPEF**

Effective implementation of the PEF  
in the aquaculture sector



# Implementation of Product Environmental Footprint in Mediterranean Aquaculture

May 12th, 2022

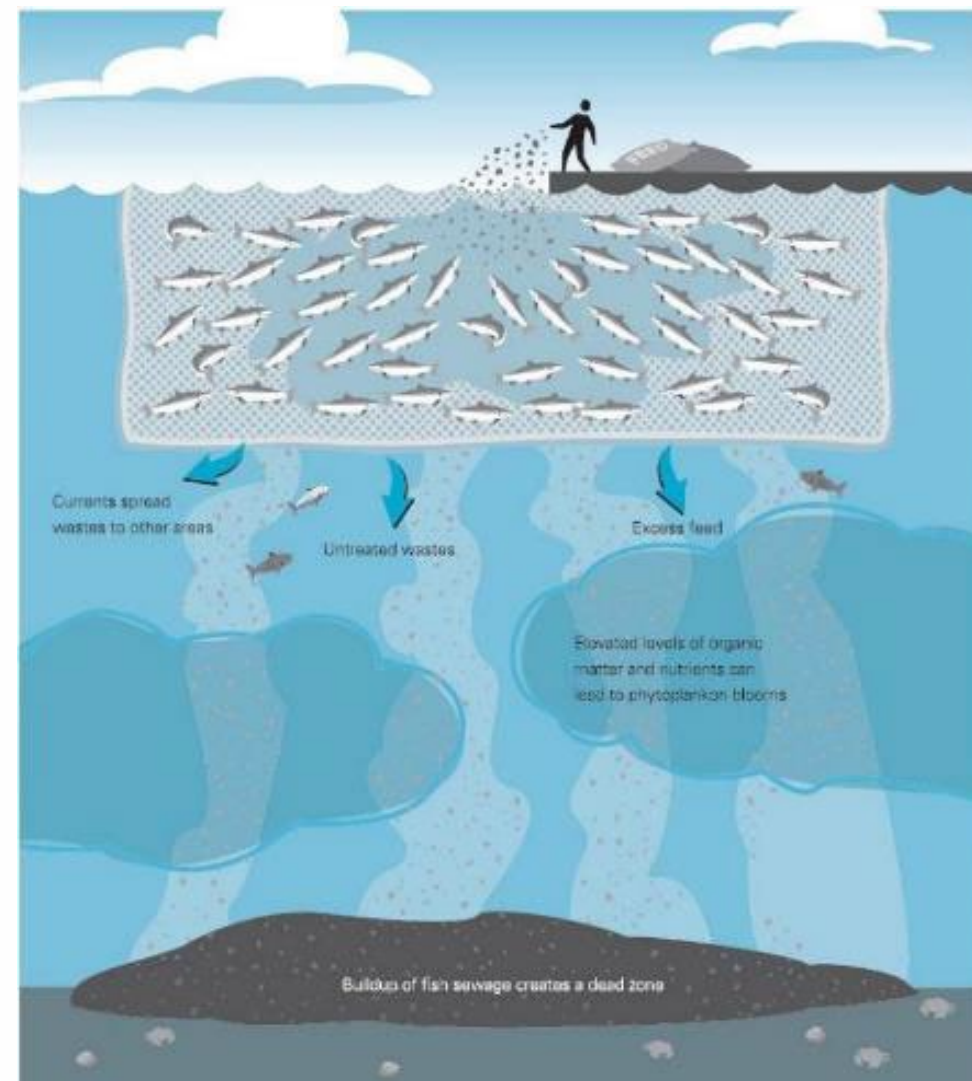
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# INDUSTRY NEED

Aquaculture sector is growing exponentially due to **increasing demand of fish protein**

- ✓ It is important to guarantee low environmental impact
- ✓ Product Environmental Footprint (COM/13/193) is a suitable solution

The methodology should be **adapted to the industry** in order to facilitate a large-scale implementation



# SOLUTION

LIFE program (DG ENVI) funded AQUAPEF project aims to reduce the environmental impact linked to the Mediterranean Aquaculture products, by implementing current PEF methodology.

The proposed solution is to create a new **system to easily calculate the EF** in marine open net-pen seabass and seabream products.

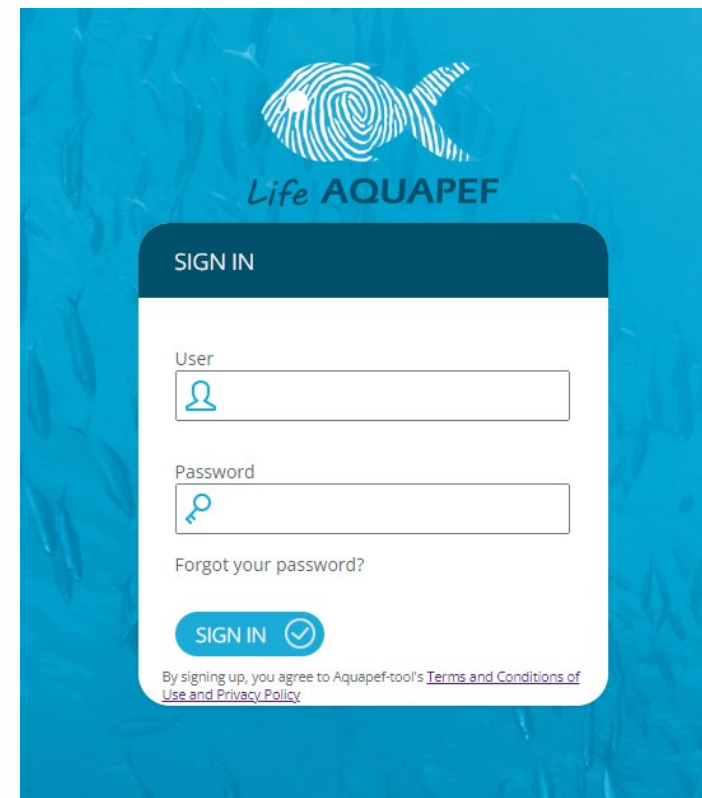
The tool will also allow to benchmark and compare products, allowing to identify main causes of environmental impact.



# UNDERLYING MAGIC

AQUAPEF TOOL is online calculator which gives companies the possibility to:

- Develop main Value Chain of your Product
- Collect inventory data required for PEF assessment
- Obtain overall results from the EF of your products
- Identify causes and origin of the impacts
- Benchmark and scenario assessment
- Allow sustainability communication strategies



# TARGET MARKET

## End Users:

Seabass and bream aquaculture producers (600 companies) can benefit of using AQUAPEF TOOL

- Big companies could have their own sustainability department
- SMEs may need the assistance of consultancy

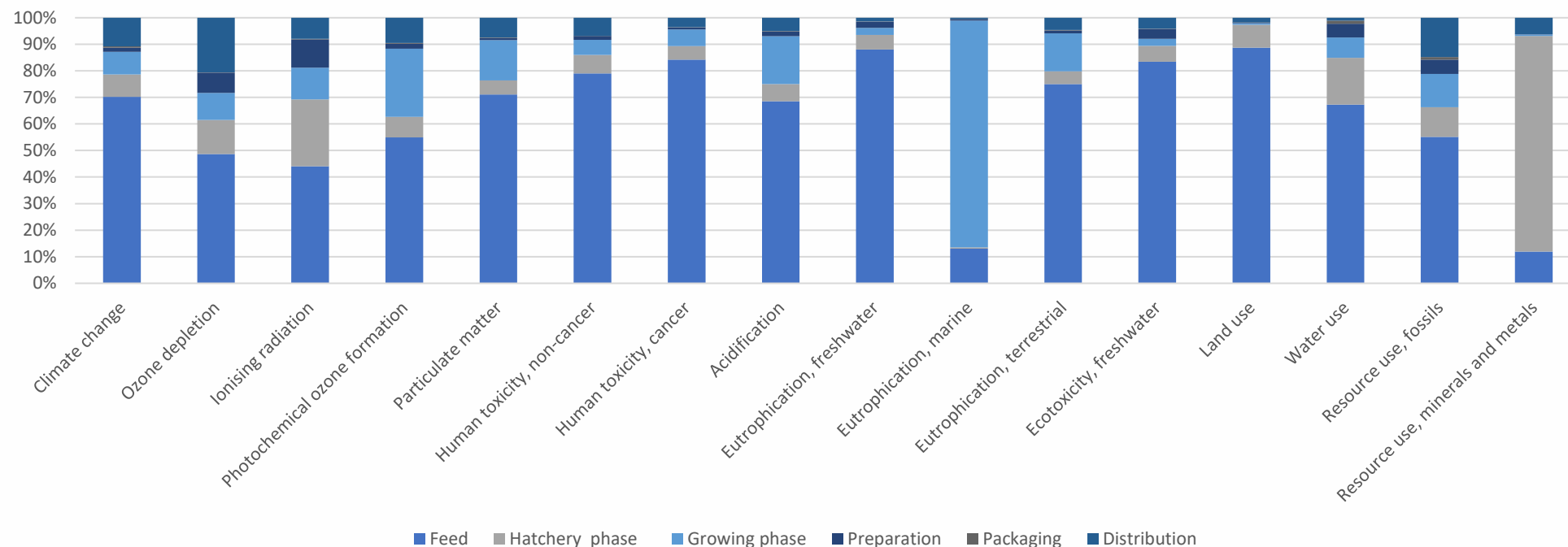
Associations could benefit of using it, as a service for their members

Administrations also could benefit in order to establish future interventions in this sector



# RESULTS and IMPACT

AQUAPEF TOOL will allow to focus efforts and resources on the main causes of the environmental impact. Allos also the scenario assessments, predicting the environmental behaviour of any change on technology before its implementation.

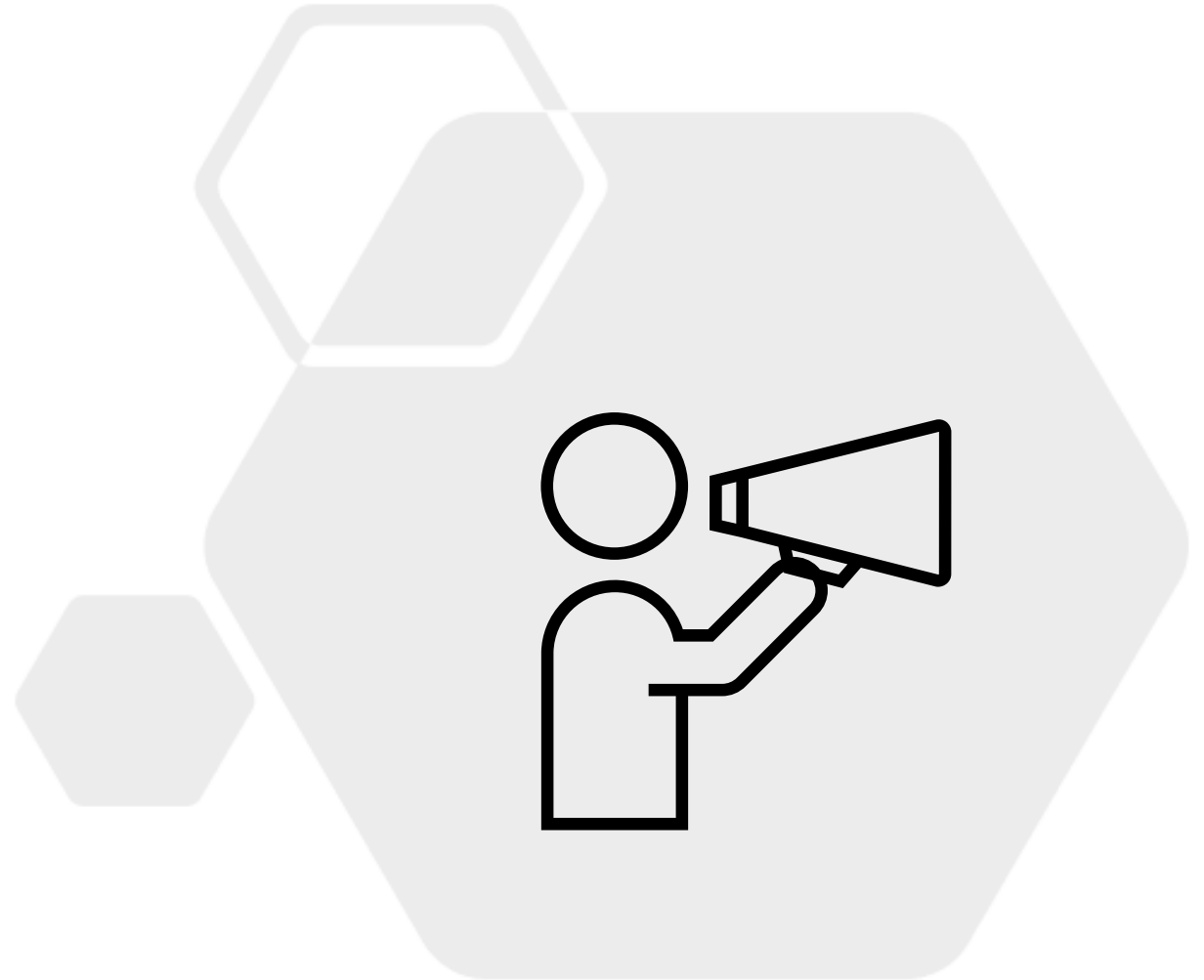


## CURRENT STATUS

The AQUAPEF tool is currently in TRL7, validating with companies out of the project

**At the end of 2022 it will be ready to go the market**

Main idea for the commercialization is to transfer it to third company





# THANK YOU!

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If you are interested to try/test the AQUAPEF tool, please contact me!