



EU Strategy
for the Adriatic
and Ionian Region
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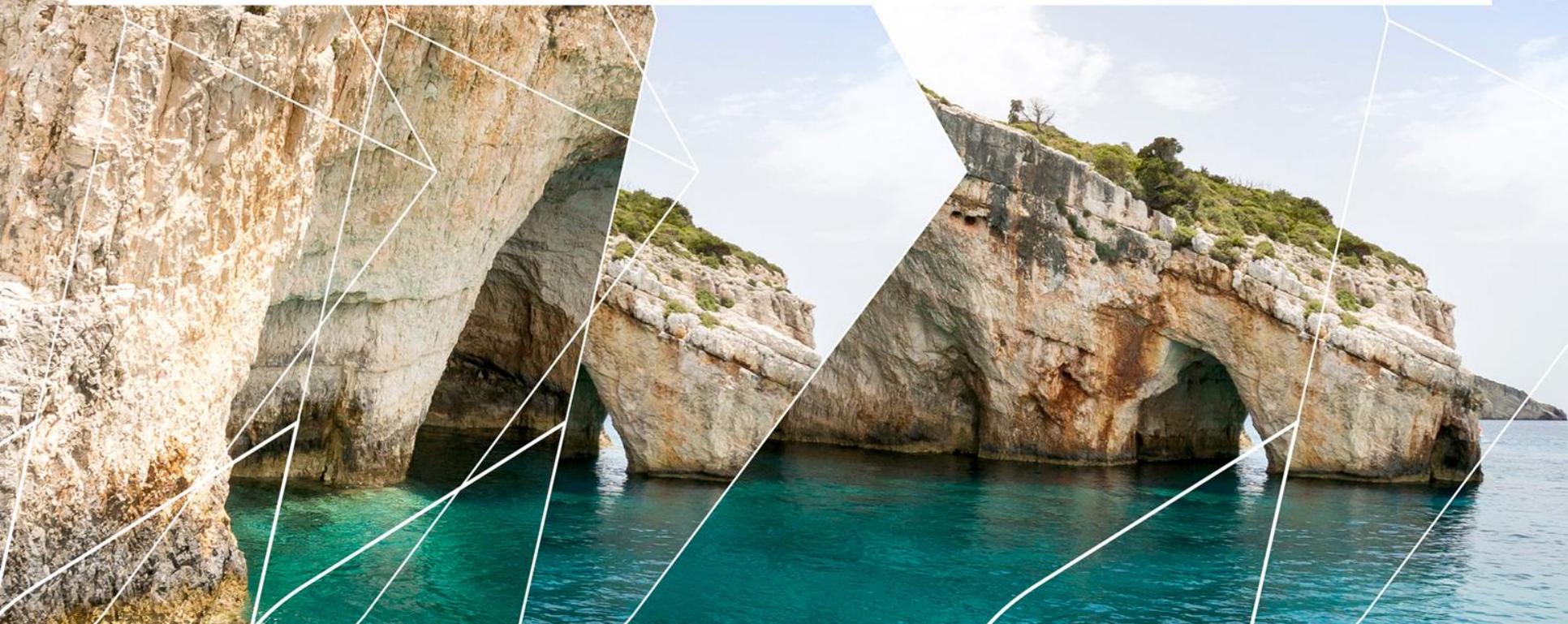
GREEN TO BLUE

**IMPROVEMENT OF SUSTAINABILITY COMPETENCES
IN THE FIELD OF FISHERY AND AQUACULTURE**

Project number: 2021-1-FR01-KA220-VET-000034815

GREEN TO BLUE PROJECT

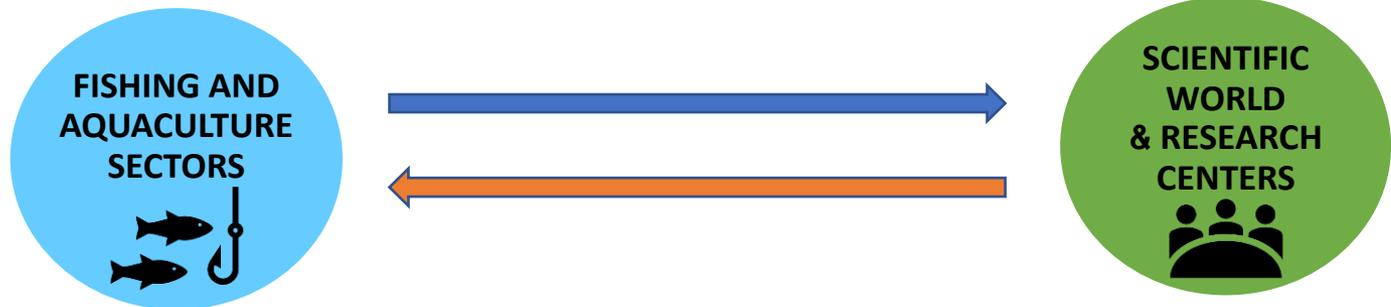
07/07/2023/ RIMINI





GENERAL OBJECTIVE

- The main objective of the **GREEN TO BLUE** project is to improve the **COMMUNICATION** and **COLLABORATION** system between **TWO WORLDS**:



Often there is not much **dialogue** between these two entities, on the one hand the fishers/farmers, even if they are willing, do **not have the means and knowledge adequate to collaborate with researchers**. On the other hand, researchers don't quite know **how to relate and what to ask** to the fishers/farmers.

In recent years, **citizen science** has become increasingly important in data collection. Fishers and farmers can do the same: spending a lot of time at sea, they can play the role of **sentinels of the sea** if someone give to them the knowledge to do so. For this reason Green To Blue project aims to provide to sector operators and to their representatives an effective and functional training program, in order to **IMPROVE the ENVIRONMENTAL MANAGEMENT SYSTEM** and develop skills strongly focused on the **SUSTAINABILITY OF ACTIVITIES RELATED TO FISHING AND AQUACULTURE** and **MARINE ENVIRONMENT MONITORING**.



NEEDS TO WHICH THE PROJECT RESPONDS



For organizations operating in the **TRAINING SECTOR**, but also for **LOCAL AUTHORITIES**, the main interest is to respond to a **need for professionalization of figures** such as those operating in fishing/aquaculture sectors, who can **increasingly collaborate with scientific world** and who must therefore be trained to do so.



As far as **research centers and the scientific world** are concerned, the need is to create a **stable link with fishing and aquaculture operators**, improve communication between the two worlds and promote a new awareness of the important role that these professions have, and can have, regard to the protection and preservation of the marine environment. All this with the aim of promoting the conversion towards a **more eco-sustainable way of fishing/farming**, helping researchers to monitor the quality and the state of the marine environment.



The **FISHING/AQUACULTURE OPERATORS**, on the **PROFESSIONAL SIDE**, can no longer operate without being informed on the opportunities for collaboration with researchers, on the **limits set by UE/National legislation**, on **environmental problems and on the sustainability**. For what concerns the **ECONOMICAL SIDE**, collaboration with researchers can represent a **NEW INCOME** and can also improve the state of resources, allowing operators to practice fishing and farming in a healthy environment, rich in biodiversity and with many resources.



For **TRAINERS, TUTORS, REPRESENTATIVES, TRADE UNIONS AND POLICY MAKERS** in the sector there is a need to know how to manage the strong **innovative drive of the blue economy**. New opportunities can arise for the fishing and aquaculture sectors, opportunities that can help to better face future challenges related to the sustainability of marine resources and environmental protection. Opportunities that can be seized more easily by fishers and farmers already trained on these topics.



RESULTS & OUTCOMES

RESULTS

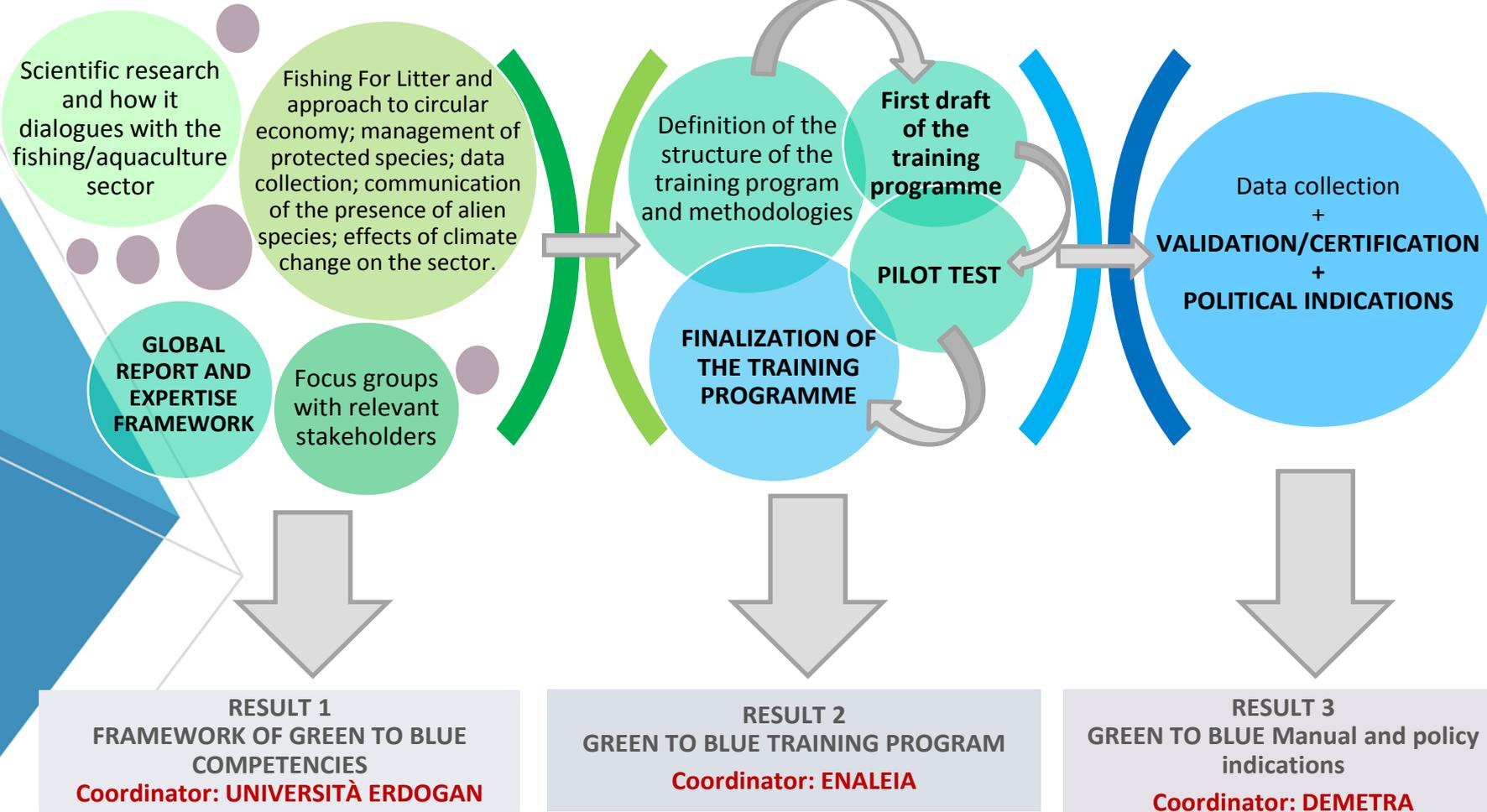
- 1. GREEN TO BLUE SKILLS FRAMEWORK:** create a skills framework that professionals in the fishing and aquaculture sector should have in order to be able to collaborate with the world of research and to dedicate themselves, even individually, to a more careful resources exploitation and to greater environmental protection, by putting into practice virtuous behavior.
- 2. GREEN TO BLUE TRAINING PROGRAMMES:** based on the skills framework, the consortium will propose a structure of the training programs, one aimed at operators in the fishery/aquaculture sector, one aimed at representatives, policy makers, researchers and trainers of the sector, defining the contents corresponding to the competences, the duration of the modules, the expected results and methodologies.
- 3. GREEN TO BLUE MANUAL & POLICY INDICATIONS:** composed of two parts: 1) study and development of a VALIDATION/CERTIFICATION systems related to the skills emerged from the project and applicable at EU level; 2) POLICY INDICATIONS on how the role of fishers and farmers of the future is essential for sustainable development.

OUTCOMES

- 1. OVERALL, GENERATE A GREATER AWARENESS OF ALL THE PLAYERS AROUND THE CONCEPT OF "SAFEGUARDING THE SEA":** fishers, farmers, companies, representative organizations, each for their own competences, are called as of now to integrate attention to the environment in their activities carried out. Environmental sustainability is a theme that must find a direct application in the working context, passing, in the medium-long term, "from awareness to action".
- 2. CREATE A NEW FIGURE OF FISHERS AND AQUACULTURE FARMERS, NAMELY THE "SEA SENTINELS".** This is not a radical change in the profession but a progressive recognition of the role of sustainable operators on the sea and protectors of the marine environment that fishers will increasingly have to assume.
- 3. CREATE SECTOR-BASED DECISION-MAKING AND OPERATIONAL PRACTICES** that increasingly take into account the presence of a network of actors with different skills, based on a two-way dialogue between fishers, farmers, fishing organizations, research centers, local development agencies, businesses, institutions, stakeholders.



PROJECT OVERVIEW

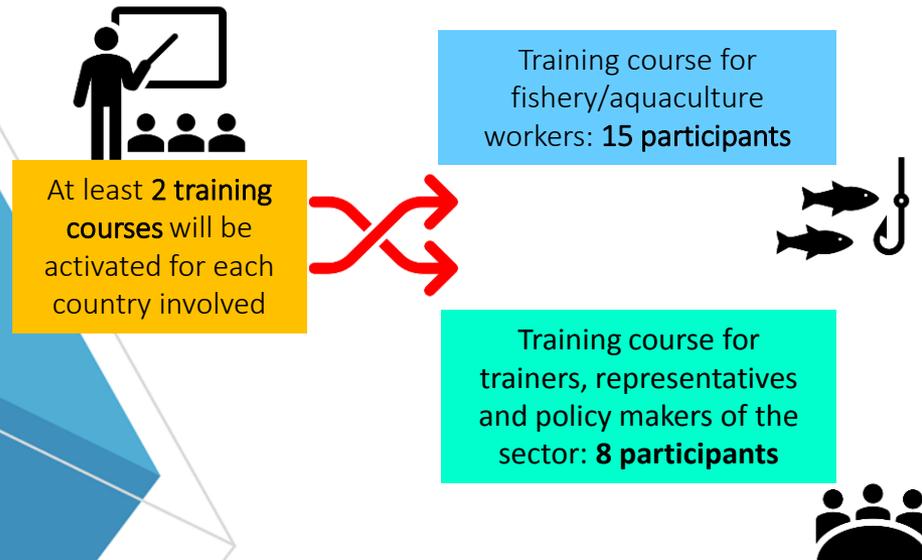




IMPACTS

The impacts that the project may produce at the end of the activities will be measured on the basis of the following elements:

DURING THE PROJECT



AT THE END OF THE PROJECT



Each partner will activate at least **2 new contacts** to be included in the **collaboration network** that will be set up at the end of the project



Submission of at least **1 new EU project** within **12 months** following the end of the project



Creation of at least **2 new projects** at **local level**, involving fishers, which may concern the **plastic collection** or the **protection of marine resources**

From a qualitative point of view the partners will measure:

- effectiveness of training in improving the work of fishers and expanding economic relations (questionnaires 6 months after training);
- stakeholder interest and awareness of the issues addressed by the project (focus group at the end of the project);
- interest of the educational and institutional world towards the educational model adopted by the project.



MAIN RESULTS SO FAR

R1 – COMPETENCES FRAMEWORK

a) Information and data collection skills

- Ability to collect maritime information and data
- Ability to use computer or tablet
- Sampling techniques skills

b) Work at the sea

- Marine technology expertise
- Use of tools and devices
- The nature of the water masses
- Tides and currents

c) Ecological aspect of marine knowledge

- Ecological awareness (climate change and pollution);
- Respect for marine life;
- Trying to be "Sentinel of the Sea";
- Importance of marine resources;
- Pollution prevention;
- Fishing For Litter

d) Better understand the blue economy

- Analysis of the plastics markets and trade;
- Seize the opportunities of recycling;
- Green boat design (Clean energy and waste reduction)



MAIN RESULTS SO FAR

R2 – GREEN TO BLUE TRAINING PROGRAM

The training program will focus on the following knowledge/skills:

- 🌱 **COMMUNICATION, COLLABORATION AND NEGOTIATION:** These skills include the ability of learners to communicate their problems and difficulties with people of the same or different social status. Cooperation and negotiation on key issues for development in the sector.
- 🌱 **Raising awareness on the issue of PLASTIC POLLUTION:** Learners will gain knowledge about the current situation of plastic pollution and its impact in their field of work and their daily lives. They will also learn about ways they can help eliminate this problem by learning the value of recycling, collecting plastic from the ocean and reducing its use.
- 🌱 **Awareness on the issue of CLIMATE CHANGE:** Participants will be able to gain greater awareness of how climate change affects fisheries and the marine environment and how they can help reduce this phenomenon with small changes in their daily practice.
- 🌱 **Knowledge of MARINE ECOLOGY:** Learners will understand the importance of marine organisms and ecosystems. In this way they will be able to work respecting the environment and marine organisms.
- 🌱 **MANAGEMENT OF RESOURCES related to FISHING AND AQUACULTURE:** during the implementation of the program participants will be able to identify which practices of their work improve or reduce the sustainability of the fishery and aquaculture profession and the management of fish stocks.

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RECENT EXAMPLE

The fisher leaves the fish on board in the cold room, by indicating the weight and the coordinates of the catching area



M/P TOGO

Send photos
via whatsapp



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Thank you for your attention!

