



# Aquaculture Global AI Platform for Europe's Passport for Circular Economy Transition



Funded by the  
European Union



## What is AGAPE?

AGAPE is the first European collaborative platform for the transition to a regenerative and circular economy in the field of aquaculture. It focuses on the importance of job creations, reskilling paths, and on the importance of aquaculture's workforce, intended as the place for a technological renaissance centered on the person, while respecting the planet.

Innovation // Education // Sustainability

Blue economy // Green economy // Circular economy

# AGAPE Project and Consortium

- Coordinator: Milcoop
- Countries involved: Italy, Greece, Germany
- Funded by EIT Food for the time period 2021-2023
- The dedicated team consists of IT specialists, experts in aquaculture, innovators and communicators



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# Problems & Challenges

## FOOD SUSTAINABILITY

**Global population growth** and changes in **dietary patterns** require an increase in overall food production by more than 60% to feed 10Bn people by 2050.

## AQUACULTURE

Produced 82.1 million tones of aquatic animals. Represents the most intensive and sustainable food sectors for the next 5 years and **needs to be driven.**

Source: FAO The State of World Fisheries and Aquaculture 2020.  
<https://doi.org/10.4060/ca9231en>

**Bureaucracy**

**Lack of coordination in policy**

**Lack of knowledge in IMTA**

**Lack of vision for integration of Green-Blue and Circular Economy**

**Slow adoption of emerging technologies**

**Gap in talents, skills and social responsibility**

# Road to Solutions



## Innovation

AGAPE will enhance the innovation capability both on match making the skills with jobs and software development the platform using the AI metrics and algorithm.



## Education

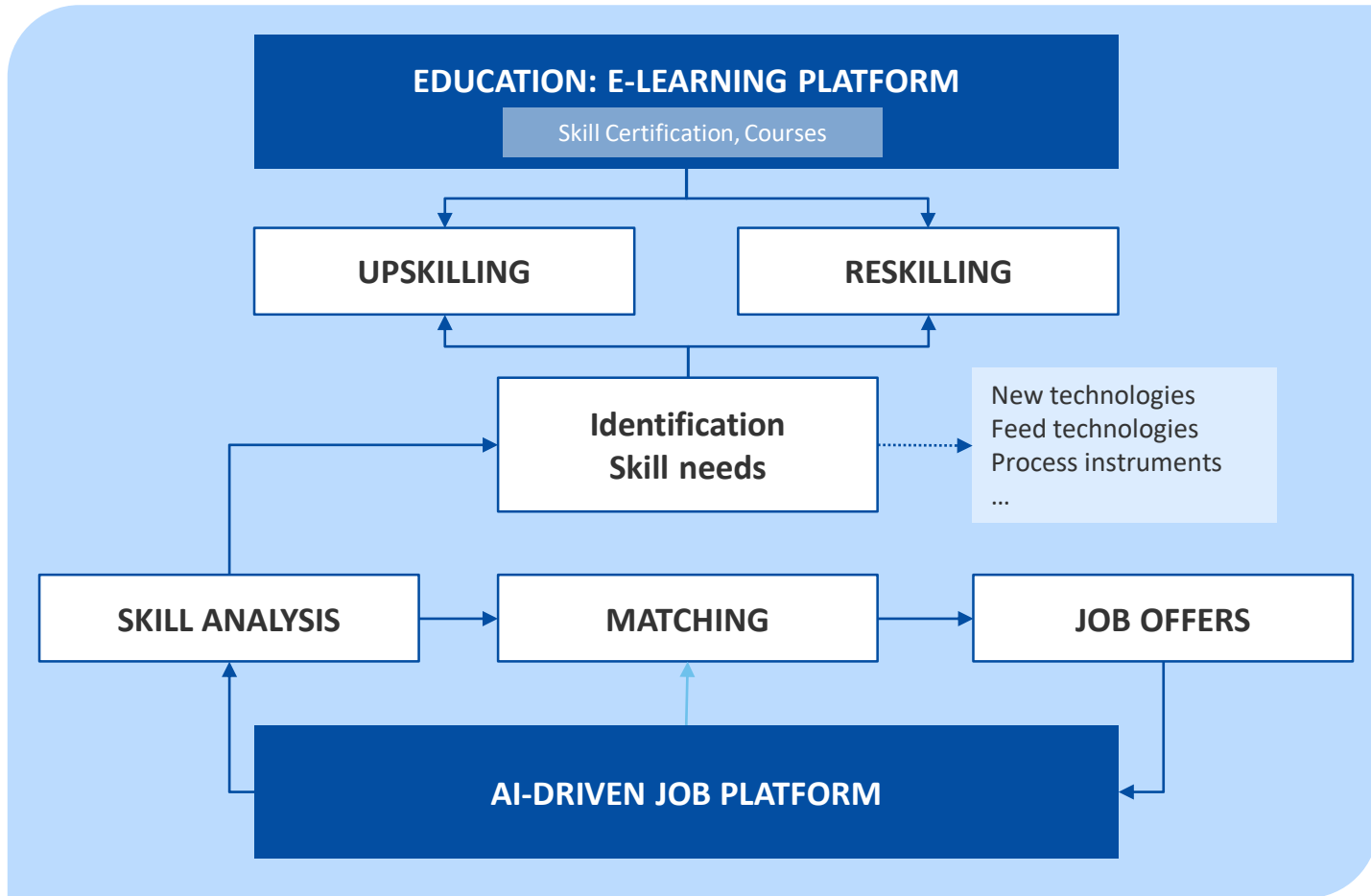
AGAPE will develop capacity building programs at individual, regional and sectoral levels to develop and reinforce skills and promote responsible and sustainable practices in the aquaculture sector.



## Engagement

AGAPE aims to improve the perception and acceptance of aquaculture development, through the implementation of formal engagement towards more effective communication systems among stakeholders.

**WORKFORCE**  
Existing aquaculture  
Other segments



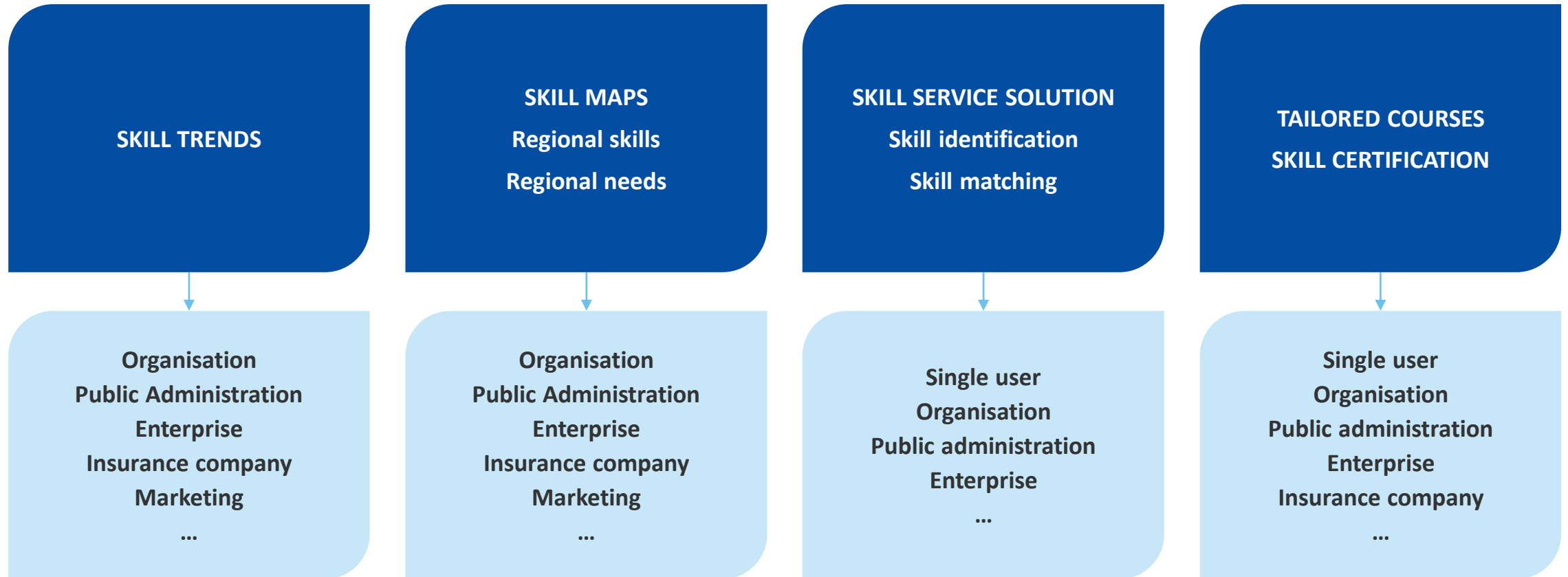
**AQUACULTURE MARKET**  
Traditional  
Blue transition

HUMAN IMPACT  
WORKFORCE  
SKILLED  
UPDATED  
MODERNIZED

MODERNIZATION AQUACULTURE SEGMENT

CONTRIBUTION TO  
Job creation  
Regional economy  
Blue/Green  
economy  
Circular economy  
Sustainability

# AGAPE Solutions and Beneficiaries





# The Remit

- The Blue Economy is a key factor to contribute food to the global population
- To be able to produce the food, the level of employees with the right skills and in the right numbers needs to be ensured
- AGAPE will identify industry needs (which types of jobs are needed), will match members skills against the needs of industry and provide up-skilling and reskilling options, driven by AI to close gap
- AGAPE will make a crucial contribution to ensure that the grow of the blue economy can be sustained.







[AGAPE-Skillset.com](http://AGAPE-Skillset.com)

## NEO-HUMANISTIC CENTRIC DESIGN



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