AT A GLANCE

TITLE:
ECOLUTION

CONSORTIUM:
13 partners

COORDINATOR:
CESKA ZEMEDELSKA UNIVERZITA V PRAZE

DURATION:
February 2024 – July 2027

MAX. GRANT AMOUNT:
€ 1,139,709.00

ABTG'S BUDGET:
€ 49,494.00

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ECOLUTION PARTNERS

❶ CESKA ZEMEDELSKA UNIVERZITA V PRAZE (Czech Republic)
❷ DIETHNES PANEPISTIMIO ELLADOS (Greece)
❸ AARHUS UNIVERSITET (Denmark)
❹ ASOCIACION CENTRO TECNOLOGICO NAVAL Y DEL MAR (Spain)
❺ CERCA TROV (Bulgaria)
❻ BALGARSKA STOPANSKA KAMARA - SAYUZ NA BALGARSKIA BIZNES (Bulgaria)
❼ ECQA GMBH (Austria)
❽ EVOLUTIONARY ARCHETYPES CONSULTINGSL (Spain)
❾ ELLINO-ITALIKO EPIMELITIRIO ATHINAS (Greece)
❿ AGRIWATCH BV (Netherlands)
⓫ DELTA KAINOTOMES LYSEIS STIN VIOMICHANIA, TA YLIKA KAI TIS KATASKEVES O.E. (Greece)
⓬ NEW GENERATION SENSORS SRL (Italy)
⓭ AQUABIOTECH LIMITED (Malta)

TECHNOLOGY TRANSFER · **INNOVATION** · **MARKET APPLICATION** · **RESEARCH**

ECOLUTION

ECOLUTION aims to develop an interactive course on Smart Environmental Systems with a comprehensive interdisciplinary curriculum that combines learner-centred and real problem-based teaching and learning. The course will use innovative technologies, student-centred educational pathways and hands-on industrial apprenticeship to apply the acquired knowledge and enter the emerging market of smart Environmental sustainability systems. This course will foster transversal competences like initiative and entrepreneurship, and it will comply with the European Credit Transfer and Accumulation System (ECTS).

Objectives of ECOLUTION

- To develop an innovative course on Smart Environmental Sustainability Skills to fill the market void in technical and maintenance specialists

- To include participants from disadvantaged backgrounds fostering social integration and enhancing intercultural understanding through the mobility program

- To enhance opportunities for cooperation and mobility between partner countries

- To create an MSc course recognised by academia and industry throughout the EU by offering a recognised and comparable educational path by using the ECTS credit system

- To develop digital, entrepreneurship and resilience skill sets to the students

AT A GLANCE

TYPE:
Research SME

LOCATION:
Mosta, MALTA G. C.

CAPABILITIES:
R&D / Consultancy / Engineering

EXPERTISE:
Aquaculture / Marine Research
Blue Growth / Aquatic Environment

AquaBioTech Group

Who We Are

AquaBioTech Group is an international consulting, engineering and R&D company with over 25 years of experience in aquaculture, fisheries and other aquatic sciences. Located in the center of the Mediterranean on the island of Malta, although operating globally with clients and projects in over fifty-five countries.

The vast majority of the organisation's work is related to the marine or aquatic environment, encompassing aquaculture developments, market research/intelligence through project feasibility assessments, finance acquisition, project management, technology sourcing, technical support and training.
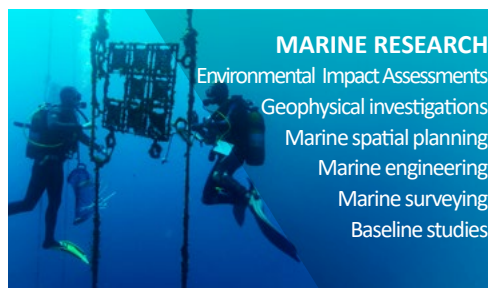
Our Role in the ECOLUTION Project

AquaBioTech Groups' tasks within the ECOLUTION project include:

- To develop and deliver lectures on: Circular Economy, Environmental Policy and Planning, Environmental Risk Assessments and Wetland Conservation and Management.
- To host students during their industrial placement as a high-tech SME.
- General administrative, legal and financial management, coordination and dissemination.

Our Research Activities

AQUACULTURE R&D
Fish & shellfish hatchery technology
Health & disease prevention
Nutraceutical development
new species development
Aquatic nutrition research
Production techniques

MARINE RESEARCH
Environmental Impact Assessments
Geophysical investigations
Marine spatial planning
Marine engineering
Marine surveying
Baseline studies

WATER TECHNOLOGIES R&D
Recirculation Aquaculture Systems
Aquaponics
Wastewater treatment
Energy efficiency
Sustainability
Innovation

AquaBioTech Group

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