

## AT A GLANCE

**TITLE:**

BCThubs

**CONSORTIUM:**

15 partners

**COORDINATOR:**

Region of Thessaly (RoT)

**DURATION:**

January 2023 - December 2026

**TOTAL BUDGET:**

€ 4,997,563

**EU CONTRIBUTION:**

€ 4,997,563



Blue Culture Technology Excellence  
Hubs in EU Widening Member States

### BCThubs CONSORTIUM

- Region of Thessaly (Greece)
- University of Thessaly (Greece)
- Ethniko Kentro Erevnas kai Technologikis Anaptyxis (Greece)
- Katadytiko Kentro Skopelou IKE (Greece)
- Institutou Enalion Archaeologikon Ereynon Somateio (Greece)
- DAN Europe Foundation (Malta)
- Superintendence of Cultural Heritage (Malta)
- Institute of TourismStudies (Malta)
- AquaBioTech Limited (Malta)
- Centre for Underwater Archaeology (Bulgaria)
- Institute of Information and Communication Technologies (Bulgaria)
- Balkan Heritage Foundation (Bulgaria)
- AcquaProm (Bulgaria)
- Atlantis Symvouleftiki Anonymi Etaireia Atlantis Consulting SA (Greece)
- 3DR Research S.R.L. (Italy)

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## BCThubs PROJECT

BCThubs (Blue Culture Technologies) is a new field introduced in this project and relates to innovative technologies developed to support the Underwater Cultural Heritage (UWCH). UWCH consists of millions of shipwrecks, aircrafts, submerged settlements and ports lying in oceans. 3 million shipwrecks are hosted at ocean floors worldwide, providing evidence of humanities past. There is still unknown scientific knowledge and untapped potential since only 19% of the ocean is explored. BCThubs will directly have impact on different European strategies defining a state-of-the-art approach to support the UWCH.

### Objectives of BCThubs

- To effectively protect underwater cultural and natural resources from threats
- To preserve in-situ UWCH assets
- To grasp the opportunity for sustainable blue growth through the valorisation of UWCH
- To ensure accessibility of UWCH sites to divers and non-divers
- To strengthen the R&I capacities in the Blue Economy sector

## 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 20 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 BCThubs project

**AquaBioTech Group's** main tasks in the BCThubs project include:

- Detailed mapping of the existing quadruple helix stakeholders
- Developing the Maltese hub ecosystem
- Upskilling stakeholders of each hub on aspects related to BCT
- Networking through participation in common events
- Joint investment strategy and financing plans
- Sustainability analysis

## 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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