

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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STAKEHOLDER
ENGAGEMENTTECHNOLOGY
TRANSFER

INNOVATION



RESEARCH



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



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