

Case Studies in Bioeconomy Education, Training and Skills Development

Case study sample: Blue Bioeconomy
Collaborative Laboratory (B2E CoLAB)

Northern Region of
Portugal

LOBA



Blue Bioeconomy Collaborative Laboratory (B2E CoLAB)

1 Abstract

B2E CoLAB works daily to establish valuable synergies between academia and industry and to promote their economic and social value. It develops added-value, bio-based products and services inspired by the ocean and international processes for national scientific and technological capacity and knowledge.

2 Target Groups

Academia, non-profit organisations, industry, policy institutions, and higher education institutions

3 Case Study Category

Bioeconomy education, training and retraining in higher education (HE)

4 Training Provider

B2E CoLAB

5 Region

Northern region of Portugal

6 Language

Portuguese and English

7 Objectives of the Educational Format

Other - valuable synergies between academia and industry (research, education, innovation and business)

8 Final Objective of the Educational Format

Shape a new blue bioeconomy and establish valuable synergies.

9 Scope and Context of the Educational Format

B2E CoLAB is a private non-profit association that has been operating full-time since 2020. It is focused on helping to shape a new blue bioeconomy by bringing together research, education, innovation and business for a better and more sustainable world. The creation of the CoLABs resulted from an initiative by the Ministry of Science, Technology and Higher Education (Portugal) to implement research and innovation agendas with economic and social value. Their objectives are to Galvanise and support the three main sectors of the blue bioeconomy that have the greatest potential: natural marine resources, marine biotechnology and sustainable aquaculture.

10 Specific Skills and Competencies Addressed

Technical competencies

Transversal competencies

Scientific and technological capacity and knowledge of the blue bioeconomy

11 European Qualification Framework (EQF) Level(s)

Multiple EQF levels are addressed.

12 Main Benefit to the Participants

Valuable synergies between academia and industry that represent valuable opportunities

13 Main Cost Categories Considered

Costs of keeping an organisation running (personnel and infrastructure costs), event costs etc.

14 Importance and Impact

B2E CoLAB is important because it promotes innovation, reduces costs, increases efficiency, provides new business opportunities and helps attract and retain talent. B2E CoLAB has several ongoing projects and partners.

15 Relevance (of the Format)

One of the main objectives of B2E CoLAB is to promote the creation of highly skilled jobs that can actively enhance the economic and social value of new and existing ocean-inspired, bio-based products and services. This will support blue growth sectors that have the highest potential. Thus, we can design a new blue bioeconomy that is leveraged by 4.0 automation and data exchange technologies.

16 How can it Inspire BioGov.net? (Why was it designed in this specific way / what are the success factors?)

This is an innovative approach, providing different services, such as RDI services, commercial intermediation and representation, funding, training and communication. Simultaneously, it is a bridge between academia and research and business.

17 Data Sources

- **Online resources:** <https://b2e.pt/>
- **Resource persons:** -
- **Other sources, if any:** -

Consortium

CIVITTA



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