



UdG Innovative Sectorial Ecosystems of the Girona Province

Best practices & success cases to support
development of education models

BIObec partners have identified innovative bioeconomy education models/pedagogies and/or best practice examples from industry/education that can inform and enhance the future Bio-Based Education Centres (BBECs) educational design and framework for delivery. These case studies draw on best practice examples from both bioeconomy education providers and outside organisations related to other sectors and industries.



PROJECT PARTNERS



UNIVERSITY OF HOHENHEIM



UNIVERSITY OF EASTERN FINLAND



MTU

Ollscoil Teicneolaíochta na Mumhan
Munster Technological University

CTA



Consiglio Nazionale delle Ricerche



Food & Bio Cluster
Denmark

AgroParisTech
Talents for a sustainable planet

UAB
Universitat Autònoma de Barcelona

Pro Civis
Fundacja Edukacji i Dialogu Społecznego



Sustainable INNOVATIONS



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IFA



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ZVT

Agricultural Research,
Ltd. Troubsko



Bio-based Industries Consortium



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BIOBEC - Best practices & success cases

BIObec partners have gathered a series of best practice examples representing regional, national, European and International case studies and collaborations. These case studies include many examples from the bioeconomy sector, however, several case studies from other sectors have also enriched the depth and breadth of best practice including examples detailing thematics that focus on: AR/VR technology integration in education; mentoring programmes for AI graduates and best practice in networking the hydroenvironment.

Each case study has been classified under 11 thematic areas:

- 1 Pedagogies
- 2 University engagement and collaboration with industry
- 3 Lifelong learning and continuous personal development
- 4 Clusters/networks /partnerships
- 5 Research & Development supports
- 6 Funding & Investment networks
- 7 Enterprise Development supports
- 8 Mentoring Programmes (academic or industry)
- 9 Digital technologies and integrations
- 10 Diversity and inclusion practises
- 11 Engagement with civic society



Understanding UdG

The UdG's Sectoral Campus is a relational platform with a clear approach, market driven, which seeks to proactively facilitate the relationship between companies and institutions in the social-economic sector and the University of Girona, based on a priori mutual knowledge and the promotion and maintenance of a continued relationship through a personalised and unique dialogue with this university.

The campus acts in a proactive, bi-directional way:

- Detecting the needs and interests of the sector's companies and institutions and bringing them to the attention of the UdG's research groups for them to be met.
- Putting the research groups in touch with the companies and institutions that may be interested in the research and services they offer.

The activity started with funds obtained through the European Regional Development Fund (ERDF) program and the contribution of two public administrations (Diputació de Barcelona and Universitat de Girona).



European Union
European Regional
Development Fund



**Generalitat
de Catalunya**



Diputació de Girona



Who is participating in this platform?

Located in the Girona region of Spain, the main partner is Universitat de Girona, in collaboration with the Diputació de Barcelona (kind of regional administration).

Other partners from the industry are involved in the activity according to the different work lines implemented which are related to the main economic fields of the region:



Water



Tourism



Food



Cultural communication



Composites



Health



Cultural and natural heritage



Social cohesion



Robotics



Industrial innovation

Its main target group is the companies of the Girona area interested in the possibilities of collaboration with other companies, and specially with Universitat de Girona and its research, innovation, and training structures.

In a nutshell, it can be said that the key personnel involved are academics, research staff, experts, enterprises, and Public Administration.



How does it work?

The structure and operations model of the sectoral campus is based on:

- The thematic focusing of the campus geared towards a specific economic and/or social sector.
- An organisational and functional campus geared towards proactively facilitating the relationship between companies/institutions and the UdG's research groups based on:



A promotion of loyalty among the sector's companies and institutions.



The promotion and maintenance of a continued relationship with the companies/institutions.



The identification of a reference interlocutor at the UdG (Campus Facilitator) who interacts personally with the company or institution, guiding and advising it until its demand and needs are met.

- A functioning based on an approach market driven that consists in developing activities geared towards satisfying R&D needs and interests and sector-specific education requirements. The outcome of this process is:



The definition of a strategic agenda of relevant and useful research for the sector, agreed on between the companies/institutions and the UdG's research groups.



The definition of a catalogue of professional profiles in demand in the sector and the educational requirements for each of these professional profiles.



The development of a portfolio of benefits/services for companies and institutions, geared to satisfying these needs and interests.



What differentiates this programme from others?

facilitates the interaction and relationships between companies and institutions of the region. In each economical field they develop a so-called "Campus", where experts are working in close collaboration to identify focus areas, create sectoral groups of interest, implement advisory and promotional activities, design training activities and collaborate in research.



MORE INFORMATION

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