

H2020 Work Programme

D5.8 – Report on stakeholder engagement and mobilization – second version

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This document is the BIObec project (contract no. 101023381) second report on stakeholder engagement and mobilization corresponding to D5.8 (M30) led by FVA. This document contains reports on the last months of stakeholder engagement and mobilization, including the second International IRWG workshop and the final event of the project.

This project has received funding from the Bio-based Industries Joint Undertaking (JU) under the European Union's Horizon 2020 research and innovation programme under grant agreement No 101023381. The JU receives support from the European Union's Horizon 2020 research and innovation programme and the Bio-based Industries Consortium.

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25/02/2024	4.0	Final version	Partners' inputs and contribution implemented in the document



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Acronyms and abbreviations

EC	European Commission
WP	Work Package
IRWG	Implementation and Replication Working Group
BBEC	Bio-Based Education Center
MML	Mobilisation and Mutual Learning
KPI	Key Performance Indicator



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1. Executive summary

Stakeholder engagement and mobilization is a central part of BIObec strategy.

The project seeks to set the basis for the development of Bio-Based Education Centers (BBEC) in six different European regions to answer the needs of the bio-based industry at local, regional, and national levels. These BBECs are expected to ensure a wide geographical coverage in Europe and address a wide range of topics linked to the variety of value chains and the different institutional contexts, paving the way for replication in other regions.

The core nucleus for the future implementation of the BBECs is the Implementation and Replication Working Group (IRWG), that participated in project initiatives in the role of stakeholders and facilitated the replication of the BIObec's experience beyond the project's efforts.

The IRWG members are local stakeholders, interested in implementing and replicating the BBECs experience in other EU Regions and countries by co-developing a roadmap applicable for potential additional BBECs across Europe.

This document updates D5.7, in which BIObec approach for stakeholder engagement and mobilization was extensively described, including the strategy to select the IRWG members, promote contacts and facilitate the debate, mutual learning, good practices exchange and collaboration on challenges towards the creation of BBECs, ensuring motivation and lively involvement of stakeholders throughout the project. Specifically, this document updates on the new actions performed to engage stakeholders during the second half of the project, towards the exploitation of the final results.



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2. Introduction

This deliverable updates D5.7 (submitted on M15) and reports on the actions performed during the second half of the project under WP5, with the aim to engage and mobilise stakeholders (Subtask 5.3.1), facilitating the debate, mutual learning, good practices exchange and collaboration on challenges towards the creation of Bio-Based Education Centres (BBECs) through dedicated IRWG workshops (Subtask 5.3.2).

During the second half of the project, these activities were strictly connected to WP3 and WP4 and paved the way towards the effective replication and exploitation of the BIObec's main results, for the establishment of the 6 BBECs in the target regions.

After a brief introduction, **section 3** provides an update on the strategies adopted during the second half of BIObec project, for the engagement and mobilisation of stakeholders. Specifically, it reports on the new value proposition produced to attract additional members, the final KPI reached with regards to the official number of IRWG members which finally signed the Letters of Support, as well as the overall number of stakeholders involved during the workshops.

The activities implemented to engage the IRWG are reported in **section 4**, with an overview of the European and regional workshops performed under WP3 and WP4 and a more extensive description of the Second International IRWG Workshop organised on 22 January 2024 in conjunction with the Capacity Building (as integrated activity between WP5 and WP4). The section also includes the main takeaways from the BIObec final event (as part of T5.2), organised on 30 January 2024, to communicate and disseminate the project's final results.

Finally, **section 5** provides conclusions and reflections about the relevance of involvement of stakeholders and in particular IRWG members in all BIObec's activities.



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3. Engaging and mobilising stakeholders during the second half of the project

The BIObec stakeholder engagement strategy builds on partners' networks and includes relevant stakeholders working in the field of bioeconomy education, selected IRWG members, the BIObec Advisory Board and ensured the effective involvement of the Biobased Industry Consortium (BIC) members. The creation of this network of stakeholders was supported by the 6 BBECs leaders (Regional representatives of the established BBECs) and WP leaders in order to boost regional participation. The main aim was the identification and attraction of relevant actors/stakeholders, along value chains and at different levels to collate all the needs and requirements, ensuring actionable results.

To this end, the stakeholder's network includes educational bodies, industries, public administration, civil society, political actors and other actors on a local, regional, national and at European level including their connections and different roles in the network.

The project also involved other types of stakeholders present in the regions, such as associations, hubs, public-private partnerships, advisors and vocational institutions.

During the second half of the project, serving WP3, WP4 and WP5 this activity followed BIObec progression and paved the way towards effective exploitation of its results.

Specifically, the second IRWG international workshop was organised under WP5 to facilitate the adoption, implementation and replication of the BBECs and other exploitable assets (see D4.6) by the stakeholders engaged. The workshop attracted a wider international audience, including stakeholders from less mature regions (e.g. the Eastern countries) and was organised in conjunction with the capacity building activity (see section 4.2).

3.1. New value proposition to attract IRWG members

In order to attract new IRWG members, the responsible partner FVA created a new value proposition highlighting the role of IRWG members in the final 6 months of the project and beyond (taking a role in future implementation and exploitation of the BBECs).

Specifically, the document describes how the stakeholders participating to the IRWG contributed to the design of the 6 multi-level BBECs, by providing their expectations, needs, requirements, opportunities and barriers, getting first hand insights with regards to the setup of the BBECs, having direct access to good practices and case studies in different European Countries mapped by BIObec and tailoring the format to respond to the different regions' specificities (local, regional, national).

It also explains how during the last 6 months of the project the role of the IRWG members was considered as even more central, to make sure that BIObec project's outcomes will be actionable in their context, considering present and future needs of the industry and of the surrounding ecosystem at local, regional, national and/or international levels.

The value proposition document appears in Annex 6.1.



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3.2. KPIs reached

The following table describes the KPIs reached for the WP against the ones foreseen in the GA. During its lifespan the project was able to reach a large number of interested stakeholders, beyond the official IRWG members that signed the Letters of Support. Their mobilisation and engagement were facilitated through various workshops at EU and regional levels under WP3 and WP4, and in the 2 online IRWG International workshops under WP5.

Target outcome	Means of validation	KPI	KPIs currently reached
Stakeholders informed	Number of stakeholders reached	#2000	More than #3000* stakeholders through the various project's activities
IRWG	Number of participating stakeholders	#60	#61
IRWG Mobilisation and Mutual Learning workshop	Number of workshops organised and participants	#2 online workshops #50 stakeholders each	#2 online workshops #60 participants in the first one #62 participants in the second one

Table 1: KPIs reached in the WP

*the number includes stakeholders invited to WP1, WP2, WP3 and WP4 activities, stakeholders reached through the BIObec's social media channels and newsletters and stakeholders invited to the IRWG workshops.

As a general consideration, despite the great interest demonstrated by the continuous active involvement of stakeholders in various activities of the project, not all of them are keen on officially signing letters of commitment. In any case, thanks to the effort of all BBEC leaders, the project was finally able to engage 61 official IRWG members as planned in the Grant Agreement.

3.3. List of stakeholders involved in BIObec's IRWG

At the conclusion of the project, 61 stakeholders were officially involved as members of BIObec's IRWG and took part in the project's different activities.

The following table resumes the list of IRWG members.

Name of Stakeholder	Country	Organization type
Институт за агростратегии и иновации - Institute for Agrostrategies and Innovation	Bulgaria	Digital Innovation Hub
Digital Innovation Hub Sofia Technology Park	Bulgaria	Digital Innovation Hub
Ministry of Education, Youth and Sports Department of Research and Development	Czech Republic	Local Authority / Policy Maker

Asociace vyzkumnych organizaci z.s. – AVO Association of Research Organisations	Czech Republic	National Bioeconomy Hub
SPSCH - Higher School of Chemistry, Brno	Czech Republic	School
Viborg Development Council	Denmark	Industrial Association
Dalgasgroup A/S	Denmark	Industry
Viborg Kommune – Viborg Municipality	Denmark	Local Authority / Policy Maker
Asmildkloster Landbrugsskole - Asmildkloster Agricultural School	Denmark	Training centre
University of Copenhagen	Denmark	Academia
Bygholm Agricultural school	Denmark	Vocational education
Nature Energy	Denmark	Private company
Seges Innovation	Denmark	Science and Technology Transfer
Unibio	Denmark	Private company
Business Academy Dania	Denmark	Vocational education
IAR French Bioeconomy Cluster	France	Technology Cluster
Campus des Métiers et de Qualifications d'Excellence Bioeco Academy Grand Est	France	Training centre/Academia
European Bioplastics e.V.	Germany	Industrial Association
Ministerium für Ländlichen Raum und Verbraucherschutz Baden-Württemberg, Departement Bioökonomie und Innovation - Ministry of Rural Areas and Consumer Protection Baden- Württemberg, Department of Bioeconomy and Innovation	Germany	Local Authority / Policy Maker
Geonardo	Hungary	Innovation and technology company
Tralee Chamber	Ireland	Business Representative Organization
Kerry County Council	Ireland	Local Authority / Policy Maker
Department of Agriculture, Food & Marine	Ireland	National Government Department (policy maker)
Tipperary County Council	Ireland	Local Authority / Policy Maker
CAP Network Ireland	Ireland	Collaboration between EU&National Funding - network of farmers and agricultural stakeholders and develop Irelands CAP strategic plan
Department of Biotechnology of the University of Verona	Italy	Academia

Kerline srl	Italy	Company (spin-off of the Italian National Research Council)
CINECA – Italian SuperComputing Inter-university Consortium	Italy	Digital Innovation Hub
Bi-Rex – Big Data Innovation & Research Excellence	Italy	Digital Innovation Hub – National Competence Centre
Transdisciplinarity for Urban Sustainability Transition - TrUST	Italy	Research Platform
DINAMICA Soc. Cons. a r.l.	Italy	Training centre
Food Hub srl Società Benefit	Italy	Digital Magazine and Content Creator
SPRING Cluster	Italy	Industrial Association
CLAN Cluster	Italy	Industrial Association
Szkoła Główna Gospodarstwa Wiejskiego - Warsaw University of Life Sciences	Poland	Academia
Instytut Ochrony Środowiska - Państwowego Instytutu Badawczego - Institute of Environmental Protection - National Research Institute	Poland	Research Institute
Fundacja Klaster LifeScience Kraków – Klaster LifeScience Krakow Foundation	Poland	Technology Cluster
BioCentrum BioEdukacji , Fundacja Naukowej - Centre for Innovative Bioscience Education, Bioeducation Foundation	Poland	Traning centre
Stefan Batory Academy of Applied Scinces	Poland	Academia
EPRD Office for Economic Policy and Regional Development Ltd.	Poland	SME / consulting
Kielce City Hall / Investor Assistance Centre	Poland	Local Authority / Policy Maker
The Medical University of Warsaw / Centre for Preclinical Research and Technology	Poland	Research Institute / Science and Technology Transfer
University of Agriculture in Kracow	Poland	Academia
Kracow University of Economics	Poland	Academia
Polska Izba Gospodarcza Energetyki Odnawialnej i Rozproszonej - Polish Economic Chamber of Renewable and Distributed Energy	Poland	Industrial Association
Stowarzyszenie Inżynierów i Techników Przemysłu Chemicznego - Polish Association of Chemical Engineers	Poland	Professional Association

BLC3 Campus de Tecnologia e Inovação - Association BLC3 Technology and Innovation Campus	Portugal	Technology Cluster
Digital Innovation Hub for Agriculture and Food production	Slovenia	Digital Innovation Hub
Inovacijsko tehnološki grozd – Innovation technology centre	Slovenia	Technology Cluster
Universidad de Granada	Spain	Academia
Universidad de Jaén	Spain	Academia
Universidad de Sevilla	Spain	Academia
Agencia Andaluza del Conocimiento - Andalusian Knowledge Agency	Spain	Local Authority / Policy Maker
FOOD+I	Spain	Technology Cluster
Tecnova Technology Centre	Spain	Technology centre
Alianza FPDual (Alliance for Dual VET)	Spain	Education network
Andalusian Institute of Agricultural and Fisheries Research and Training (IFAPA)	Spain	Research institute
Oleofat S.L.	Spain	Private company
CoE BBE – Centre of Expertise Biobased Economy	The Netherlands	Training centre
Teknopark Istanbul – Innovation Center of Turkey	Turkey	Digital Innovation Hub
Teknopark Istanbul A. S.	Turkey	Technology Centre

Table 2: List of IRWG members

4. Activities implemented with the IRWG

4.1. European and regional workshops in the context of WP3 and WP4

After the first IRWG workshop held on October 2022 under WP5, in the following months the IRWG members were continuously engaged and mobilised in the project during various activities as part of WP3 and WP4. The next paragraphs resume the main actions undertaken at regional and European levels, to ensure the effective co-design, full roll-out and replication of the BBECs in the targeted regions.

4.1.1. Engagement of IRWG in WP3

In the context of WP3, the Delphi methodological concept was tailored to adapt to the specific situation and solutions needed for each local BBEC. Stakeholders were involved in different rounds of consultation (either as group interviews, workshops or single interviews) to actively collaborate in the design of the 6 BBECs (see D3.6 for a more extensive report).

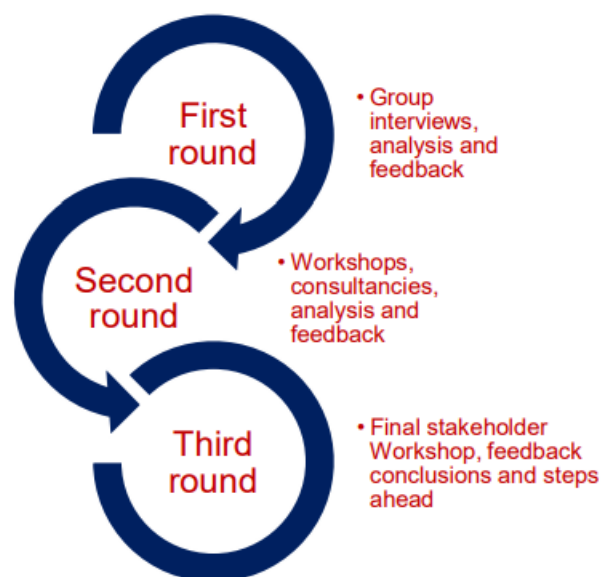


Figure 1: A generalized illustration of the Delphi process

While the six regions had different ways of involving the IRWG and other stakeholders in the co-design process, BBEC leaders ensured the participation of a consistent number of representatives of IRWG members per each region, organising a total of **20 workshops** to collect feedback and recommendations (more detailed outcomes are provided in D3.6, Table 1).

A dedicated **European stakeholder workshop** was finally organised in Tralee, Ireland on 27 June 2023 (in hybrid mode), engaging both the Advisory Board and IRWG members. This stakeholder workshop was the final part of the sustainability assessment performed under WP3 and it was a key moment to provide a short coherent presentation of the results achieved in the 6 BBECs, allowing time for discussions to collect additional inputs from experts.

4.1.2. Engagement of IRWG in WP4

Under the frame of Task 4.1 “Roll-out plan for the identification of potential for collaborations and synergies”, stakeholders taking part in the IRWG were engaged and mobilised to identify collaborations and synergies between the BIObec BBECs and relevant stakeholders at regional level. The overall aim was to facilitate the future BBECs implementation with a wider prospective.

In this respect, in WP4 partners organised a **series of meetings at regional and international levels** (see D4.1 for a more extensive report).

In the regional context, the BBECs leaders organised **nine events** (online and face-to-face) in the targeted regions, engaging total of 192 stakeholders.

An **international “Cross-fertilization seminar among BBECs and Roadmap co-design experience”** was organised in Vienna (Austria) on 6 September 2023 in hybrid format. The objective was to present the results of each regional BBEC, peer-to-peer exchange of lessons learnt and best practices during the development of the BIObec project and finally present and discuss BIObec’s roadmap for the replication of BBECs.

In order to maximise participation, this event was organised in collaboration with the European Bioeconomy Scientific Forum 2023 (held on the day before), which represents an international meeting bringing together experts in the bioeconomy field and ensured the in-person attendance at the BIObec’s cross-fertilization seminar of relevant stakeholders linked to the European Bioeconomy University, among others.

A total of 49 participants attended the event.

4.2. Second International IRWG Workshop

On 22 January 2024, the second international IRWG workshop was organised in conjunction with the capacity building activity foreseen under WP4. The online workshop had two main objectives: the transfer of the BIObec methodology for the implementation and replication of regional BBECs in other regions or countries, as well as educational contents and exploitable assets ready to be implemented by the educational community. It targeted experts in bioeconomy education, as well as stakeholders interested in the replication of BIObec’s experience in their regions. This took place as a learning activity to provide actionable recommendations and guidelines (see Annex 6.2 for the complete agenda).

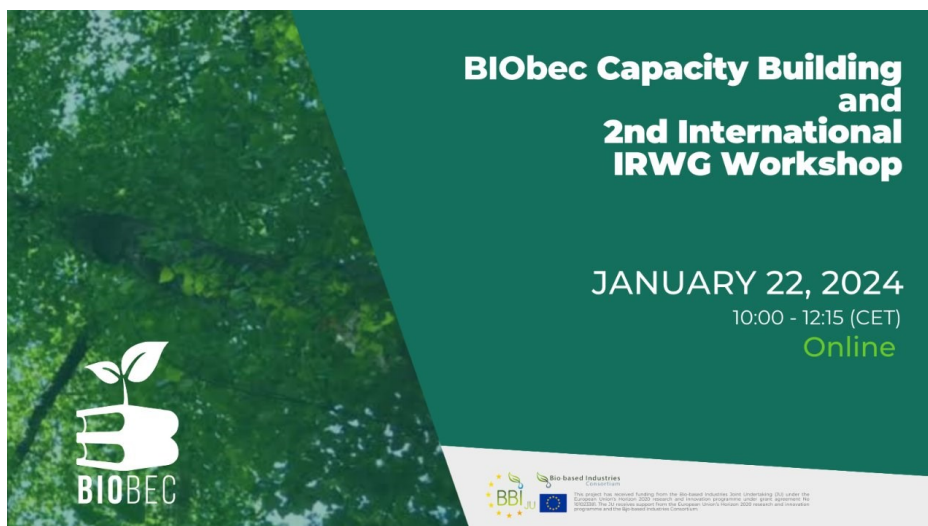


Figure 2: Banner of the IRWG workshop

The workshop was opened with an introduction about BIObec by Davide Viaggi, Project Coordinator, University of Bologna, followed by Rafael Dueñas-Sánchez from CTA who presented the BIObec replication methodology through the BIObec roadmap. This roadmap consists of 4 stages (and one preparatory phase) towards the full development of the BBECs and connected strategies for the evaluation and monitoring, as well as constant engagement of relevant stakeholders in the centres.

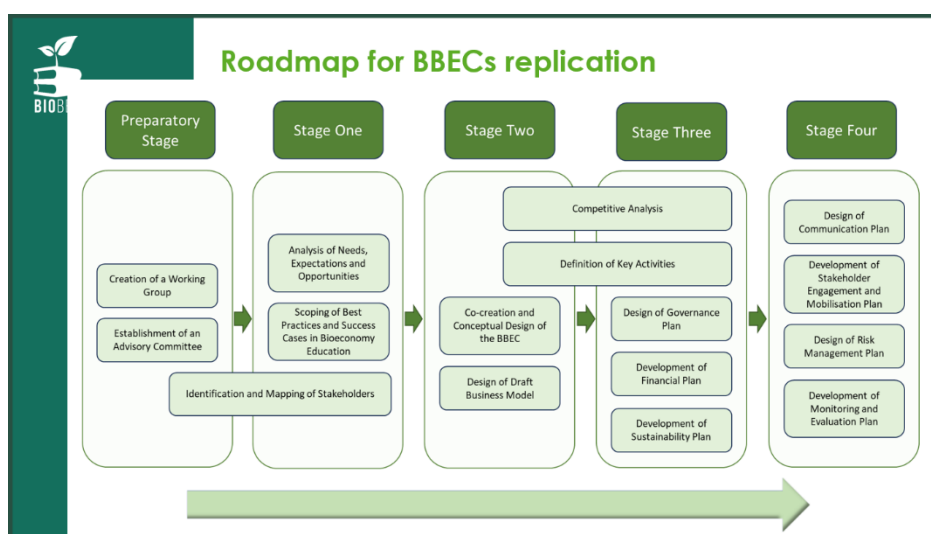


Figure 3: Roadmap for BBECs replication

BIObec’s E-Learning Materials were presented by Daniel Matilla from SIE, who gave an overview on the tools created by the project to facilitate the understanding of the outcomes and processes that underlie the BBECs and provide an initial set of tools, information and guidance for anyone interested in bioeconomy education.

After a short break, the 2nd International IRWG Workshop took place and Selenia Marinelli from FVA presented the main exploitable assets and tools from BIObec’s results, to empower IRWG members in the replication of BBECs. After an overview on the geographical coverage and extension of the BBECs,



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as well as on the different value chains targeted according to the specificities of each region, the presentation focused on the exploitation plan produced by the project and specifically on the process of identifying the 18 exploitable assets that can be used by IRWG members (and other interested stakeholders) to enable the full rollout of these centres and boost the continuation and replicability of BIObec's results across Europe.

These exploitable assets were divided in 5 categories to better promote the assets according to their nature. With this approach, external stakeholders will easily and quickly be addressed by the most suitable asset according to their needs.

They include methodologies and tools in order to have the BBECs developed as a lighthouse at international level, promoting European research and education (see D4.6 for a more extensive description on the exploitation plan).

A couple of examples per each assets' category were presented by Selenia during the IRWG workshop, providing a general description of the assets, details on their purpose and aim, as well as link to public resources (e.g. connected public deliverables) to dive deeper in the contents.

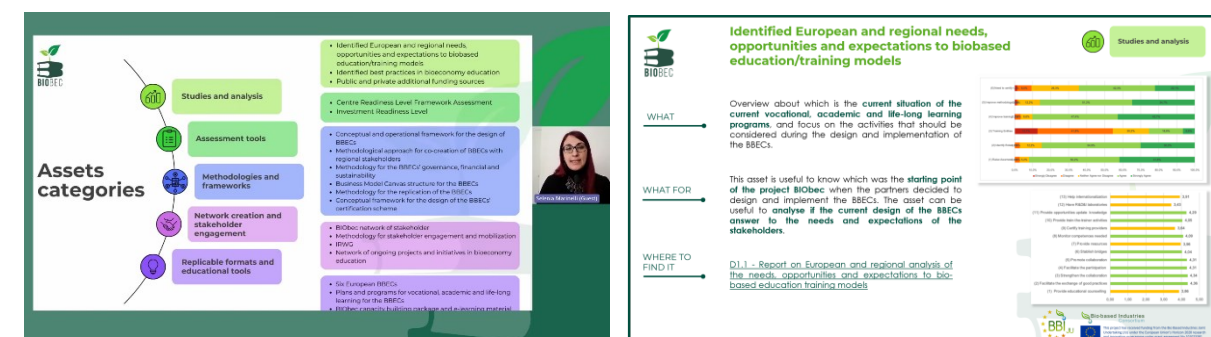


Figure 4: 2nd International IRWG workshop

The workshop reached 57 final participants. It was recorded and included as part of the learning activity to provide actionable recommendations and guidelines to be consolidated in the final BIObec toolkit (see the Capacity Building [here](#), the presentation of the E-Learning Materials [here](#) and the 2nd IRWG Workshop [here](#)).

4.3. BIObec final event

On 30 January 2024, the BIObec final event “From needs to answers: development of education centres for the EU Bioeconomy” took place online as a way to present and discuss results and legacy of the project mainly targeting the educational community.

The main objective was to present the project results, starting from the identification of regional bioeconomy needs and leading to the design of BBECs adapted to the local innovation ecosystem. The event included conceptual and methodological aspects, operational solutions, lessons learned and further gaps in bioeconomy research and education. It was also an opportunity to discuss potential future initiatives beyond the project, including collaboration, replication and implementation of the designed centres (see Annex 6.3 for the complete agenda).

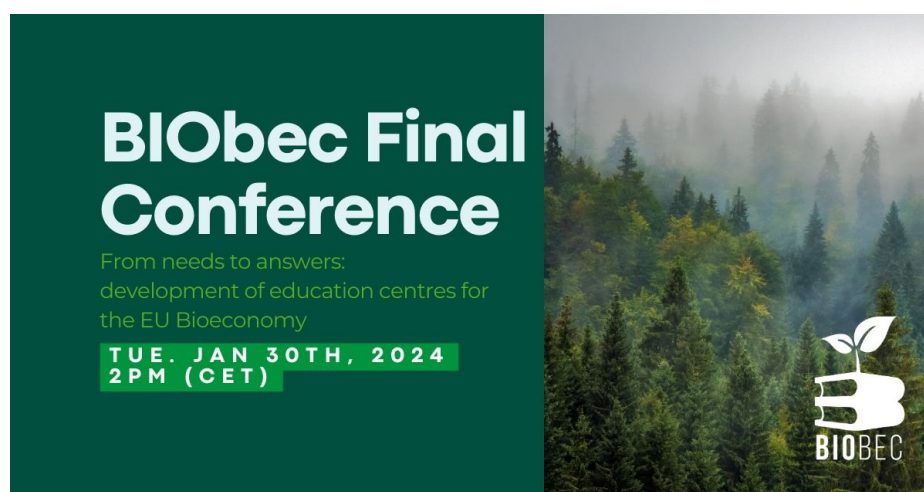


Figure 5: Banner of the final event

The final event was opened by Davide Viaggi, BIObec Project Coordinator, University of Bologna and Maria Grazia Attianese, followed by Project Officer Giovanna Rizzetto’s presentation on the BIObec project. They delved into the project’s methodology and outcomes, followed by Nelo Emerencia (BIC) who focused on BIC’s vision to create a circular bio-society by 2050, recognising education as key factor for this process to be successful.

The stages of the project were presented by the various project partners including:

- Lina Mayorga from University of Hohenheim presented the results of Detecting Education Needs of Regional Bioeconomy Systems, focusing on identifying educational needs.
- Fiona Scott Hayward from Munster Technological University delivered a presentation on transitioning from the skills needs assessment work at the start of the project to profiling business models of biobased education centres.
- Knud Tybirk of Food & Bio Cluster Denmark discussed the methodology and progress of the feasibility and sustainability assessment in the project. He highlighted diverse perceptions of bioeconomy and educational centres across regions, addressing challenges in setting up business models for future BBECs.
- Rocío García, Communication Manager at Sustainable Innovations Europe, emphasised the significance of communicating and disseminating results in her presentation, “Towards

Implementation and Replication”. Collaboration and knowledge sharing across regions to drive progress in the bioeconomy sector were emphasized. Finally, Maria Grazia Attianese facilitated breakout rooms, assigning BBEC leaders to each group for further discussion.

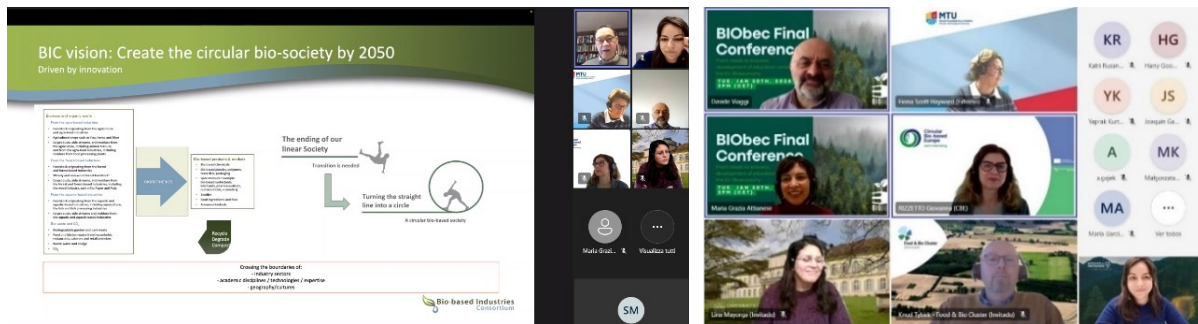


Figure 6: Pictures from the final event

The final event reached more than 80 participants. It was recorded and disseminated through BIObec’s social media channels and website (see the video recordings [here](#)).

5. Conclusions

The engagement of stakeholders played a central role in the BIObec project's activities and ensured that the results produced were relevant and actionable by the stakeholders in their practice.

For this reason, a serious dedication towards this task was ensured throughout the entire duration of the project, facilitating the consultation and involvement of relevant stakeholders and in particular IRWG members in all BIObec's activities, paving the way towards the effective replication and exploitation of the BIObec's main results, for the establishment of the 6 BBECs in the target regions. The IRWG, beyond covering an advisory role, was a central tool to ensure co-design of all the elements of the BBECs.

Relevant workshops were recorded and became part of the BIObec's e-learning tools available on the [project's website](#) and [YouTube channel](#).



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6. Annex

6.1. New value proposition for the engagement of IRWG members



Be part of the BIObec Implementation and Replication Working Group (IRWG) for the design of Bio-Based Education Centers (BBECs) in Europe!

The BIObec project

BIObec is a project funded by BBI JU under Horizon 2020 to unlock the full potential of the European bioeconomy through education.

BIObec is bringing together 19 partners from 12 different countries that developed a sound methodological approach to bridge bio-based industries and the education system.

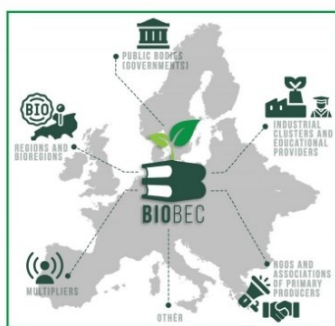
The Bio-Based Education Centers

BIObec concept merges the traditional idea of an education centre – such as a university or a vocational education and training centre – with that of a knowledge hub: the Bio-Based Education Centres (BBECs), which will act as multi-level knowledge hubs bridging the gaps between academic institutions, students, innovation entities and policymakers.

In the first two years of the project, BIObec developed the conceptual framework for the implementation of BBECs in six different European regions, to answer the needs of the bio-based industry at local, regional and national levels. These BBECs will ensure a wide geographical coverage in Europe and address a range of topics linked to the variety of value chains and the different institutional contexts, paving the way for replication in other regions.

What is the Implementation and Replication Working Group (IRWG)

The IRWG is the core nucleus for the future implementation of the BBECs as well as promoter of initiatives replicating BIObec roadmap for the design and launch of additional BBECs, beyond the project's efforts.



Main IRWG Stakeholders

The multi-stakeholders IRWG involves Regions and BioRegions, industrial clusters, industries, educational providers (at different levels, covering vocational training, university and post university curricula, on-the job training and life-long learning), NGOs and associations of primary producers, multipliers, public administration, Digital Innovation Hubs.



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The role of IRWG members in the first 24 months of the project

The stakeholders participating to BIObec IRWG designed the multi-level Bio-Based Education Centers (BBECs), by providing their expectations, needs, requirements, opportunities and barriers, getting first hand insights with regards to the setup of bioeconomy education centres and having direct access to good practices and case studies in different European Countries mapped by BIObec.

They have been engaged in the co-design of the BBECs in 6 European Countries, tailoring the format to respond to the different regions' specificities (local, regional, national).

The role of IRWG members in the last 6 months of the project and beyond

In the last 6 months of the BIObec project, the role of the IRWG members even more central to make sure that BIObec project's outcomes will be actionable in their context, considering present and future needs of the industry and of the surrounding ecosystem at local, regional, national and/or international levels.

To this aim, they will be empowered with contents, case studies, roadmap for the implementation, dedicated capacity building and engaged in cross-fertilisation workshops.



Do you want to know more?

Please contact the BIObec partner responsible for Stakeholder Engagement

FVA New Media Research – Italy
 Susanna Albertini – albertini@fvaweb.it



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6.2. Agenda of the second international IRWG workshop

<i>BIObec Capacity Building and 2nd International IRWG workshop</i> GA nr 101023381	
Event	Capacity Building and 2 nd International IRWG workshops (22.01.24)
Venue	On-line event
Date	January 22-2024
Agenda prepared by	Davide Viaggi (UNIBO) Project scientific coordinator Maria Grazia Attianese (UNIBO) Project manager
Attendees to the meeting	IRWG members and focus groups
Link to join remotely	Teams room
Link to register	Registration form

Scientific Coordination:

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AGENDA

BIObec CAPACITY BUILDING AND 2ND INTERNATIONAL IRWG WORKSHOP

MONDAY, JANUARY 22		
10:00-10:10	Welcome and introduction <ul style="list-style-type: none"> • Introduction to BIObec Objectives for the day 	Davide Viaggi Coordinator University of Bologna
10:10-11:10	Presentation of the BIObec replication methodology through the BIObec roadmap	Rafael Dueñas-Sánchez CTA
11:10-11:30	BIObec's E-Learning Materials: Empowering Education in Bioeconomy	Daniel Matilla SIE
11:30-11:40	Break	
11:40-12:10	2nd INTERNATIONAL IRWG WORKSHOP <ul style="list-style-type: none"> • Presentation of the main exploitable assets and tools from BIObec' results, to empower IRWG members in the replication of BBECs 	Selenia Marinelli FVA
12:10-12:15	Closing remarks and networking session	Davide Viaggi All partners

6.3. Agenda of the BIObec final event

<p>BIObec</p> <p><i>Preparing the creation of Bio-Based Education Centres to meet industry needs and boost the contribution of the bioeconomy to societal challenges</i></p> <p>GA nr 101023381</p>	
Event	From needs to answers: development of education centres for the EU Bioeconomy BIObec final conference: results and legacy
Venue	Online - Microsoft Teams
Date	Tuesday 30th, January 2024 - 2:00 CET
Agenda prepared by	Davide Viaggi (UNIBO) Project scientific coordinator Maria Grazia Attianese (UNIBO) Project manager With the contribution of all partners
Target meeting	International Universities; Academic stakeholders CBE JU; BIC Consortium BIObec partners; IRWG members; Advisory Board members
Link to join the event	BIObec final conference – Teams link

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From needs to answers: development of education centres for the EU Bioeconomy

BIObec final conference, Tuesday Jan 30th, 2024

Objectives and rationale

The main objective of the event is to present the results of the BIObec project, following the path from the detection of regional bioeconomy needs to the design of answers in the form of Bioeconomy education centres adapted to the local innovation ecosystem. The event will include conceptual and methodological aspects, operational solutions, lessons learned and further gaps in research and education for the Bioeconomy. It will also be an opportunity to discuss potential future initiatives beyond the projects, including collaboration, replication and implementation of the designed centres.

AGENDA		
14:00-14:10 CET	Welcome	Giovanna Rizzetto Circular Bio-based Europe Joint Undertaking BIObec Project Officer
14:10-14:20	Education as key factor for Bioeconomy	Nelo Emerencia Bio-Based Industries Consortium Director Human Capital & Stakeholder Relations
14:20-14:30	Introduction <ul style="list-style-type: none"> • Project overview • Objectives of the event 	Davide Viaggi University of Bologna BIObec Project Coordinator
14:30-14:50	Detecting education needs of regional bioeconomy systems Question&Answers	Lina Mayorga Universitaet Hohenheim BIObec Project Leader
14:50-15:10	From skills needs assessment to profiling business models of biobased education centres Question&Answers	Fiona Scott Hayward Munster Technological University BIObec Project Leader



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15:10-15:20	Coffee Break & BIObec video projection	
15:20-15:40	Activities, budget, governance and sustainability assessment Question&Answers	Knud Tybirk Food & Bio Cluster Denmark BIObec Project Leader
15:40-16:00	Towards Implementation and replication: how to stay in touch Question&Answers	Rocío García Sustainable Innovations Europe BIObec Communication Manager
16:00-16:20	Question&Answers: Overall Session Discussion & general conclusion	Project coordinator & all partners
16:20-16:40	Informal breakout groups: meet the Bio-Based Education Centres (BBECs) leaders & stakeholders involved in BBECs	BBEC leaders and IRWG members involved in the activity