



Bio-based Industries  
Consortium



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 BIOBEC PROJECT

- BIObec aims to build bridges between the bio-based industry and the education system by interlinking universities, innovation labs, and R&D centres with industrial actors and regions.
- In order to achieve this, the project proposes a holistic framework that merges the traditional idea of an education centre, with that of a knowledge hub. BIObec will develop the framework to create multi-level Bio-Based Education Centres (BBECs) to act as knowledge hubs bridging the gaps between academic institutions, students, innovation entities and policy makers. Likewise, the BBECs will be flexible enough to answer the actual and future needs of the industry and surrounding ecosystem at local, regional and national levels.

# CORE FEATURES OF THE BIO-BASED EDUCATION CENTRES:

- Collaboration.
- Multi-level networking of actors, centres and education.
- Flexibility and modularity to answer European Complexity.
- Industry and education connection strengthened.
- Digitisation.
- Innovative educational formats.

# OBJECTIVES

BIObec

1

Align the needs for skills and their availability through consistent interactions between the bio-based industry and educational institutions at local, regional, national and European levels.

2

Prevent skills gaps in the bio-based industry.

3

Maintain industrial activities and boost jobs and income for local communities.

4

Generate education and learning opportunities for community members and increase their employability.

5

Provide early insight into career opportunities for graduates at vocational and university levels.

6

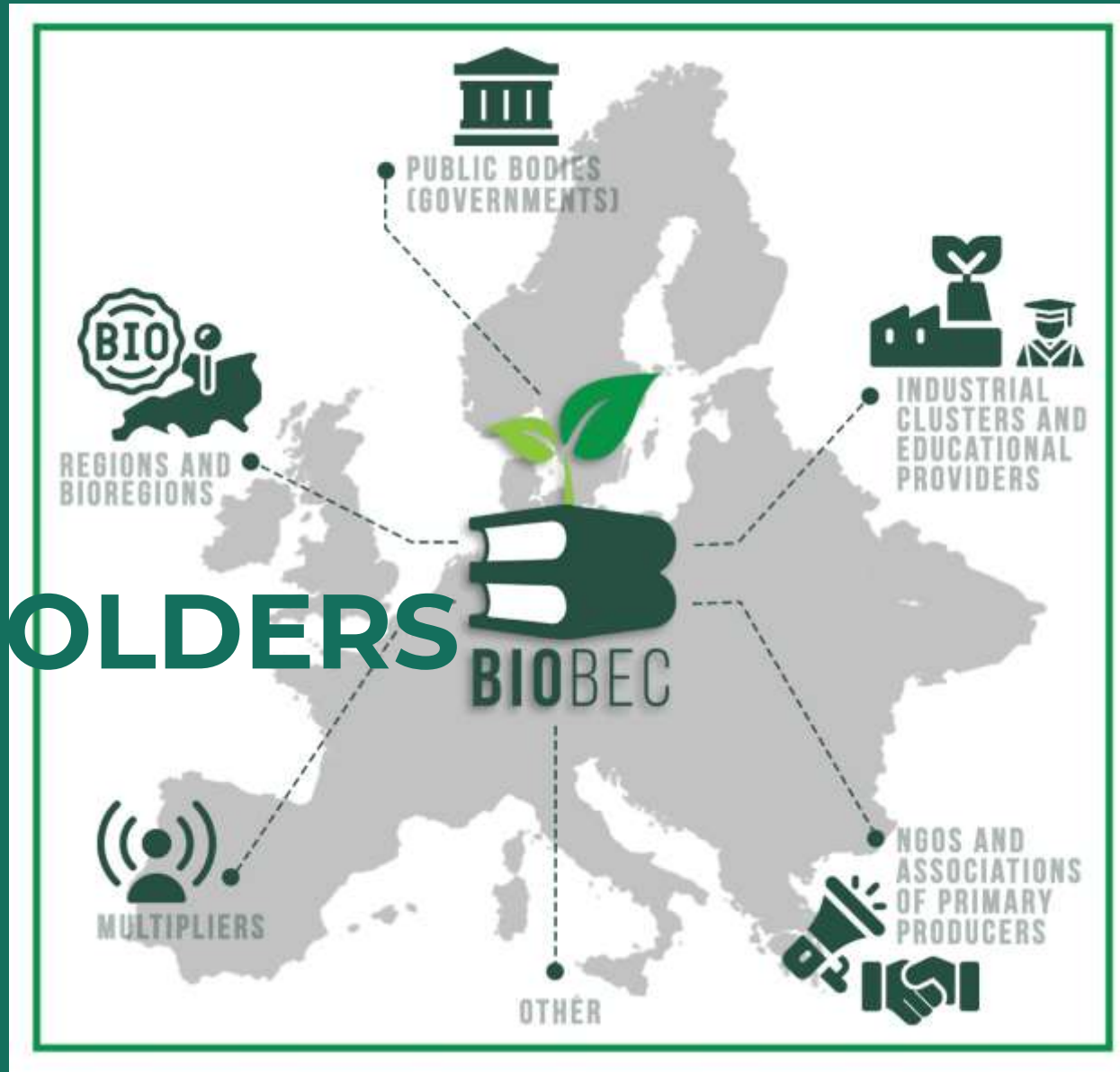
Offer opportunities to educate a wide range of stakeholders on bio-based activities and sustainability.

# IMPACTS

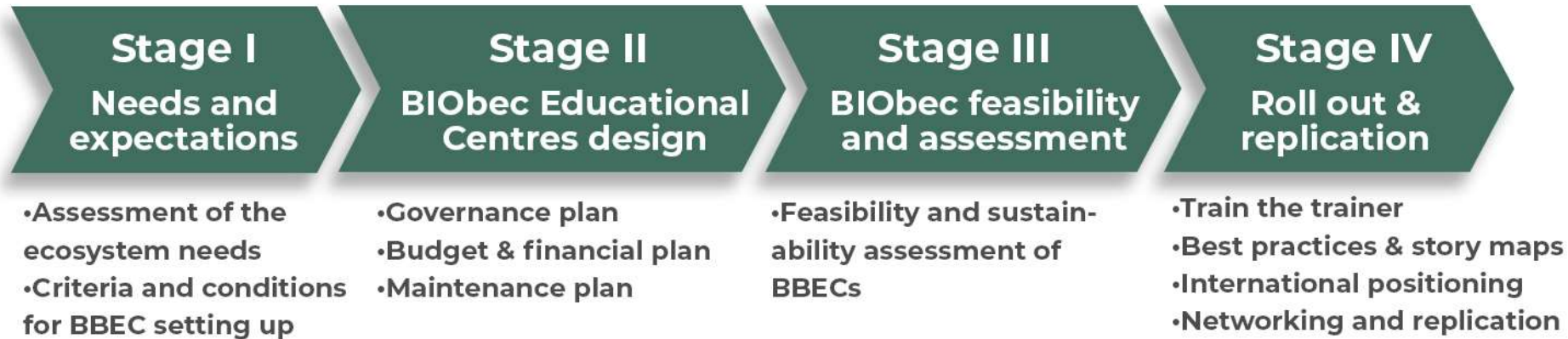
BIObec

- Improve the competitiveness of the bioeconomy in Europe.
- Boost bioeconomy education at international level.
- Impulse the creation of other programmes of education and collaboration.
- Contribute to enhance a more sustainable and circular society.

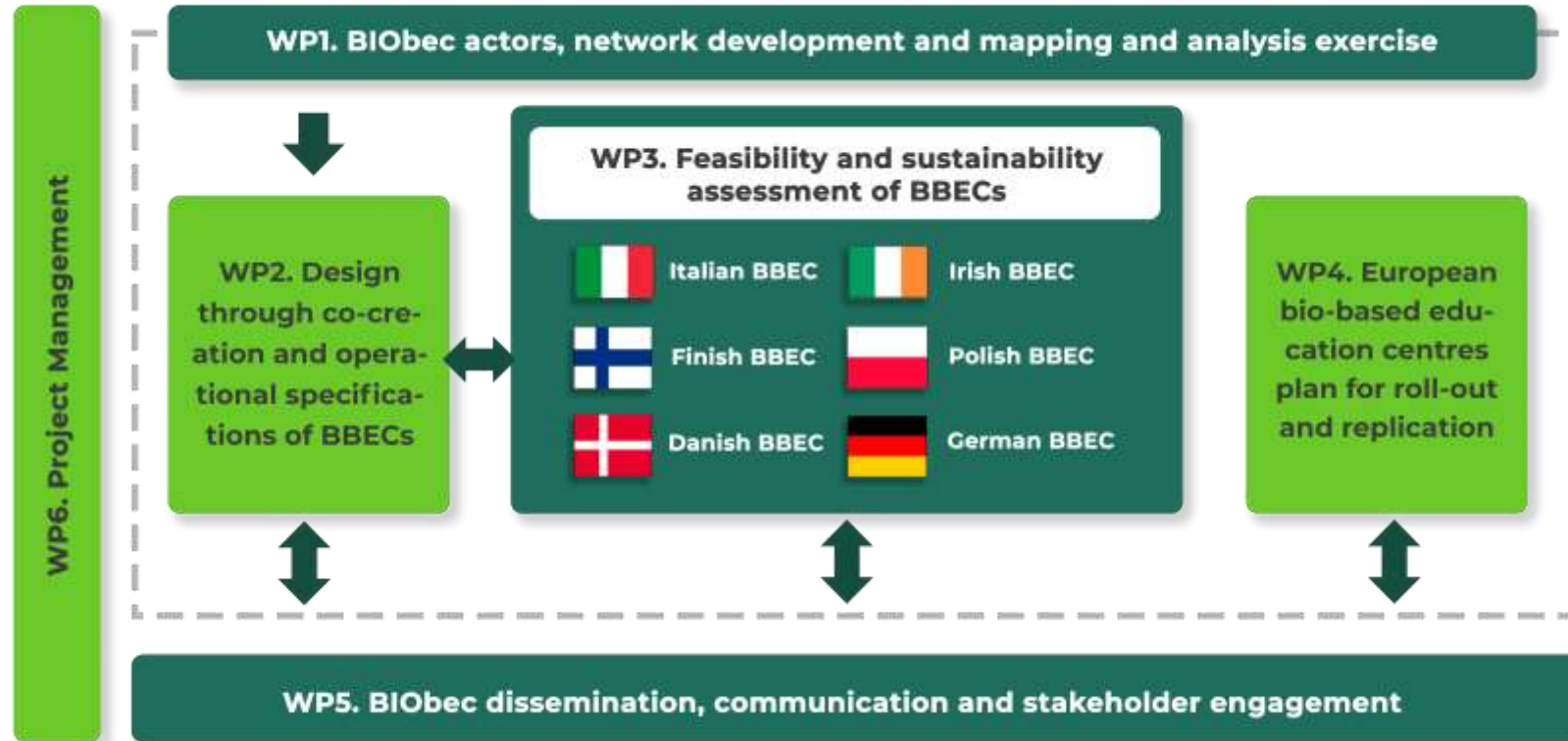
# MAIN STAKEHOLDERS



# METHODOLOGY



# IMPLEMENTATION







# 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



**IHE  
DELFT**

**WAGENINGEN**  
UNIVERSITY & RESEARCH



FVA NEW MEDIA RESEARCH



**IBE**



INSTYTUT  
BADAŃ  
EDUKACYJNYCH



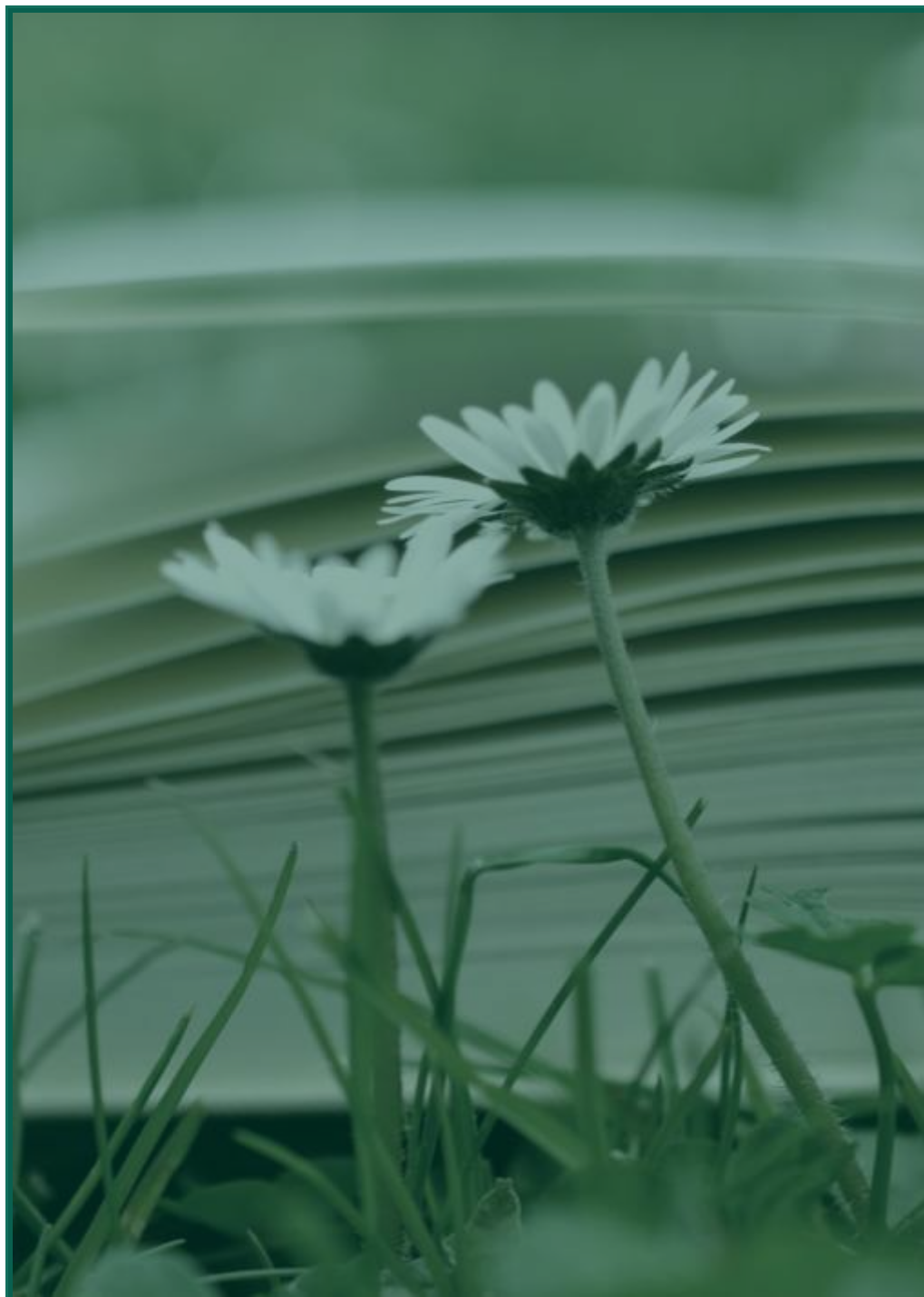
**ZVT** | Agricultural Research,  
Ltd. Troubsko



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