

BioBeo Horizon Europe Project – Education for the Bioeconomy

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Project Overview - Introduction

- Biobeo brings together a diverse consortium which builds on successful projects such as the €7 million AgroCycle Horizon2020 Project on developing a blueprint for the circular economy in agri-food sector
- AgroCycle was coordinated by University College Dublin (UCD) and had 26 partners in EU and China
- Maynooth University (MU) led the development of award-winning AgroCycle Kids educational materials for the bioeconomy including animated video and rap song on YouTube
- UCD and MU join together again in BioBeo, with new partners across 10 countries



Photo of AgroCycle Kid Rappers with biocomposite cups and edible straws from the AgroCycle H2020 Project



EDUCATION FOR THE BIOECONOMY

- Funded by Horizon Europe CALL: HORIZON-CL6-2021-GOVERNANCE-01-11
- Topic: Education on the bioeconomy including bio-based sectors for young people in primary and secondary education in Europe
- Project Type: Coordination and Support Action (CSA)
- Coordinated by Tom Curran, UCD School of Biosystems and Food Engineering
- 15 partners across 10 countries
- Budget: approx. €2 million (2022-2025)

FINDING BEO

A STORY FROM UCD INSTITUTE OF FOOD AND HEALTH



Illustrated by Nathan T. Wright

Story by Laoise Ní Chléirigh, Máire Nic an Bhaird and Thomas P. Curran



Overall aim:

To develop and deploy an education programme to enhance understanding and engagement across society regarding lifestyle, circularity and bioeconomy, using

5 bioeconomy themes:

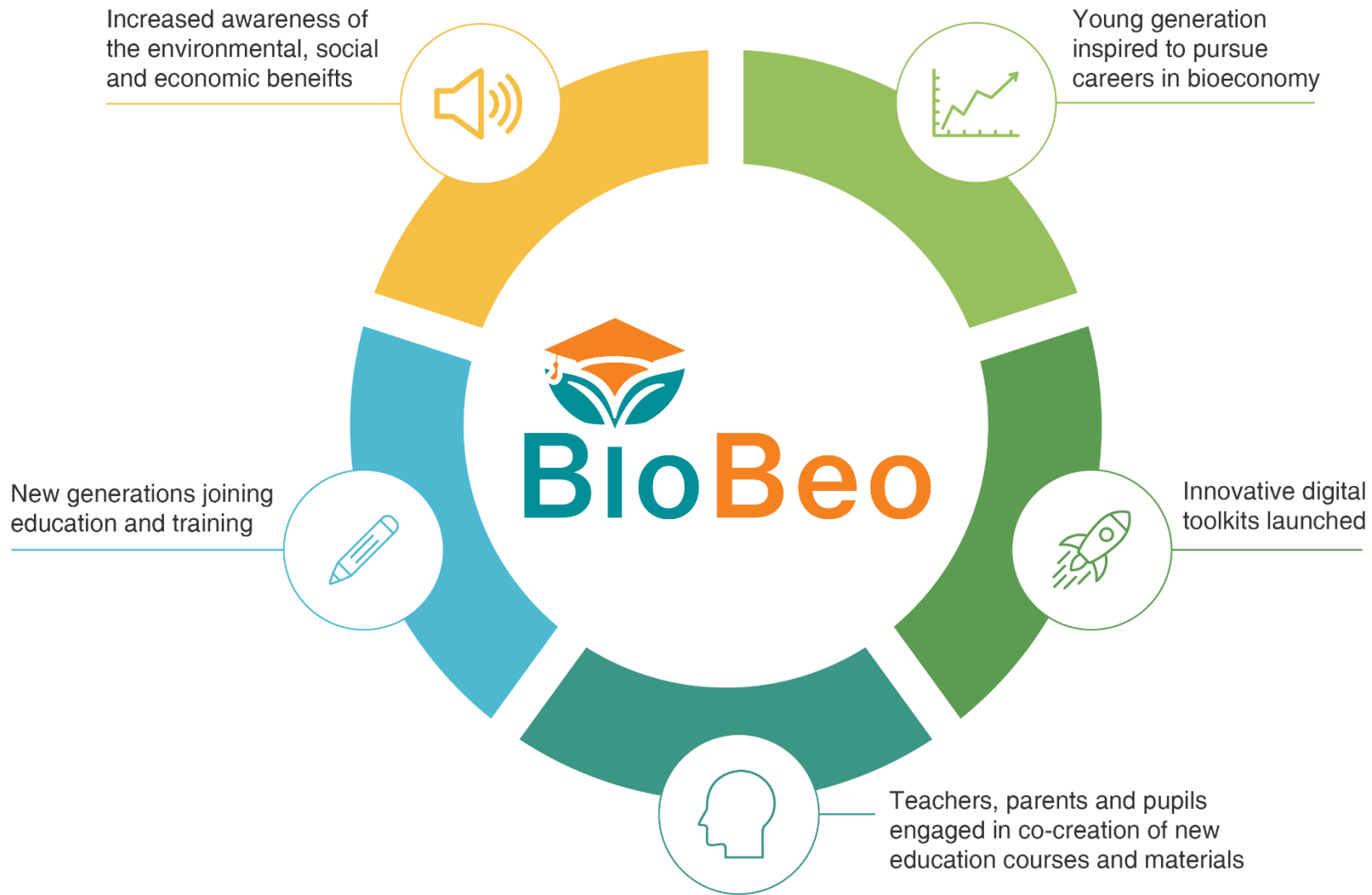
interconnectedness, outdoor learning, forestry, life below water and the food loop.

BioBeo will contribute to the transition to a sustainable EU circular bioeconomy by enhancing society-wide awareness and inspiring Europe's youth to pursue STEM related careers.



Participant No.	Participant organisation name	Country
1 UCD - Lead	University College Dublin	Ireland
2 MU	Maynooth University	Ireland
3 AnT	An Taisce	Ireland
4 UH	University of Hohenheim	Germany
5 OUAS	Odisee University of Applied Sciences	Belgium
6 CASE	Centre for Social and Economic Research	Poland
7 RUAS	Rotterdam University of Applied Sciences	Netherlands
8 SYNYO	Synyo	Austria
9 FEE	Foundation for Environmental Education	UK
10 YSBF	Youth in Science and Business Foundation	Estonia
11 E3STEM	E3STEM	Greece
12 IPA	International Parents Alliance	Netherlands
13 UVT	Universitatea Valahia Targoviste	Romania
14 TUB	Technical University Berlin	Germany
15 BOS+	BOS+	Belgium

Networking & Coordination



OBJECTIVES – PART 1

a) enhance how governance of education in the circular bioeconomy is tackled and delivered - European Commission, national, regional and local levels:

(1) institutional and cultural barriers

(2) structures and networks for delivery of bioeconomy curricula in schools

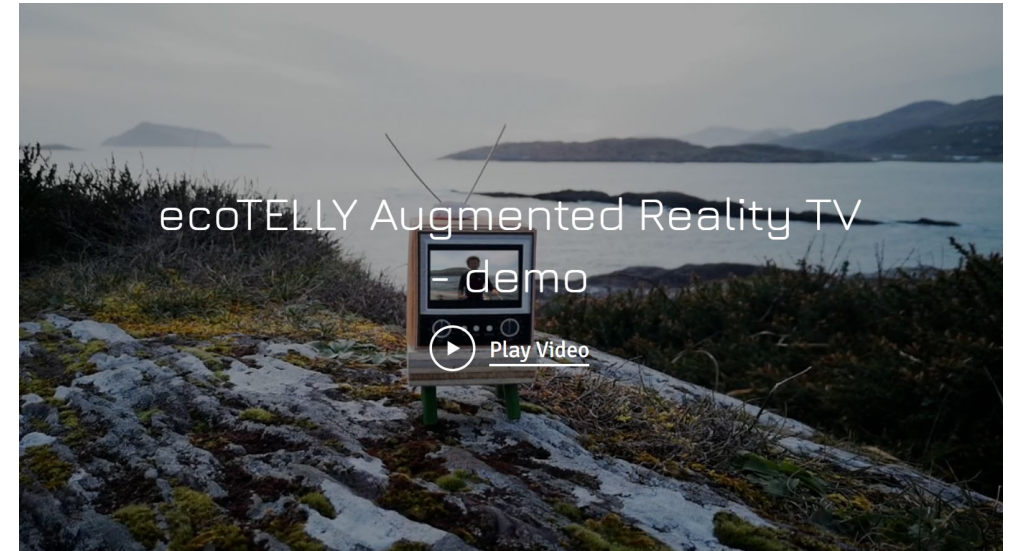
(3) young people's and general citizens' involvement in policy making



EU Bioeconomy Youth Ambassadors

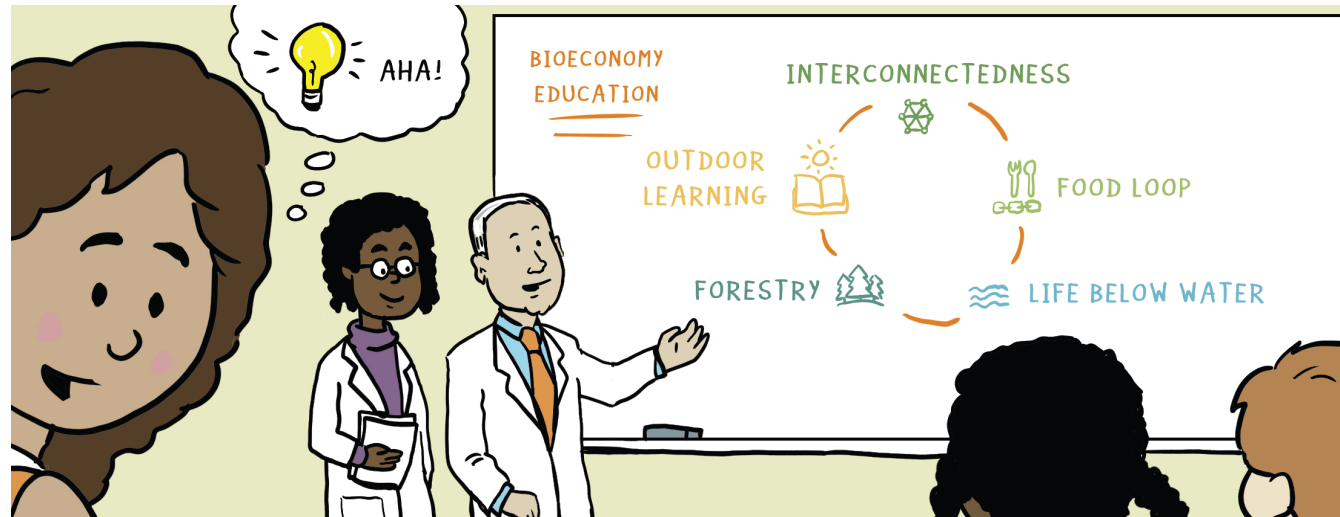
OBJECTIVES – PART 2

- b) pilot education programme in Ireland, Belgium, and Netherlands
- c) digital resources in preschools, primary and secondary level schools and also in teacher education modules in university courses
- d) digital toolkits such as videos, VR/AR, games, a series of books, social media, & prize competitions



OBJECTIVES – PART 3

- e) link primary, secondary and university students - Interconnectedness Award
- f) engage young people re education and careers in bioeconomy
- g) enhance university curricula in Ireland, Netherlands, Germany, Belgium and Greece
- h) communication & dissemination - children, teachers, policy makers and parents



Lidl #OneGoodClub – “Cruinniú na gCrann” Tree Planting

www.facebook.com/GeevaghGaaClub/





EDUCATION FOR THE BIOECONOMY

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