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FUTUREbio

Dear Reader,

FutureBio, Let's Use Biodegradable Plastic for The Future is a two-year KA220-HED-Cooperation Partnerships in Higher Education project supported by Turkish National Agency, on biopolymers between eleven partners from Turkey and EU. Pamukkale University (PAU) is the project coordinator, Kırklareli University (KLU) and Selçuk University (SU) from Turkey, Fondazione Bruno Kessler (FBK), Cosvitec Societa Consortile Arl (COSV), Universita Degli Studi Di Trento (UNITN) and Indivenire srl (IND) from Italy, and Universitatea Technica Cluj Napoca (UTCluj) from Romania, and CTRL Reality Oy (CTRL) from Finland, and Ostbayerische Technische Hochschule Regensburg (OTHR) from Germany, and University of Applied Sciences of Southern Switzerland (SUPSI) from Switzerland are the project partners.

The 1st Transnational Meeting of FutureBio has been realized on 26th-27th of May 2022 in Denizli, Turkey. Participants from all partners attended the meeting held at Pamukkale Richmond Hotel. PAU Faculty of Technology Dean Prof. Dr. Osman Nuri Ağdağ and Pamukkale Teknokent Executive AŞ Deputy Director Mesut Aydınlı supported the meeting with their participation. On the first day of the project meeting, Hazar Team, Ulaş Rocket Team, and undergraduate and graduate students working on bioplastics consisting of Pamukkale University students, also attended the meeting.

At the meeting, all activities to be carried out for the first 6 months and throughout the project were reviewed and strategic targets were determined. As it is known, plastics obtained from organic materials, reusable and biodegradable by microorganisms are an important part of environmental and sustainability strategies, but today they constitute less than 1 percent of total polymer materials. For a more livable and greener world, biodegradable polymers should be developed and used. For a more livable world, it is particularly important to reduce carbon emissions within the 'Green Deal'. For this reason, the main goals of FutureBio are to introduce organic-based bioplastics instead of traditional plastic materials that are carbon-based and difficult to dispose of, to increase their use, and to increase the awareness of the society on environmental pollution and environmental protection.

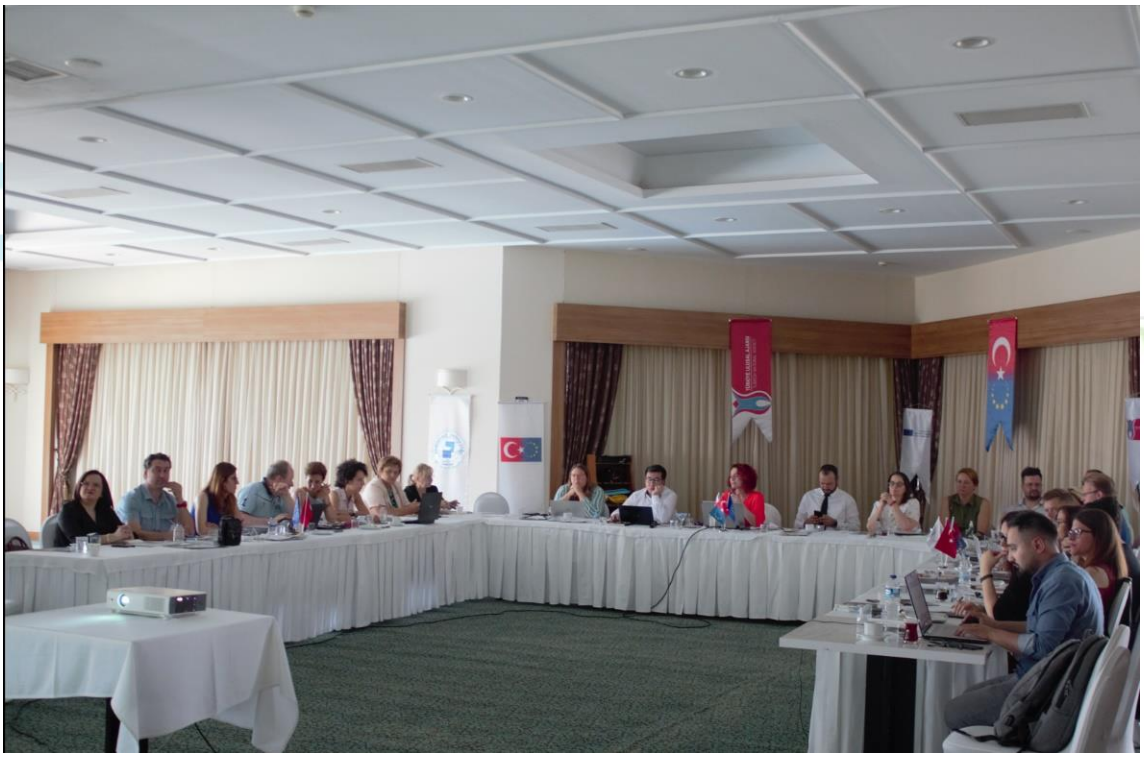
In line with these goals, necessary studies have started to develop training modules with high technology content for academic staff, university students, and industrial employees, to organize training activities for academic staff and students, and to raise awareness in the general public.

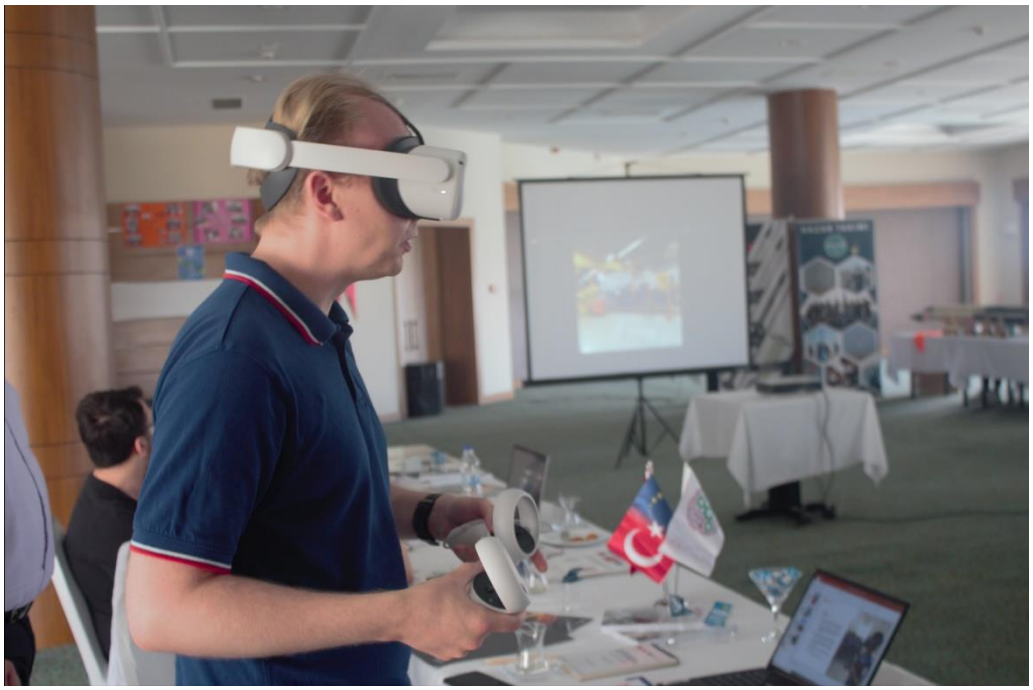
The decisions taken and the work done at the meeting are summarized below:

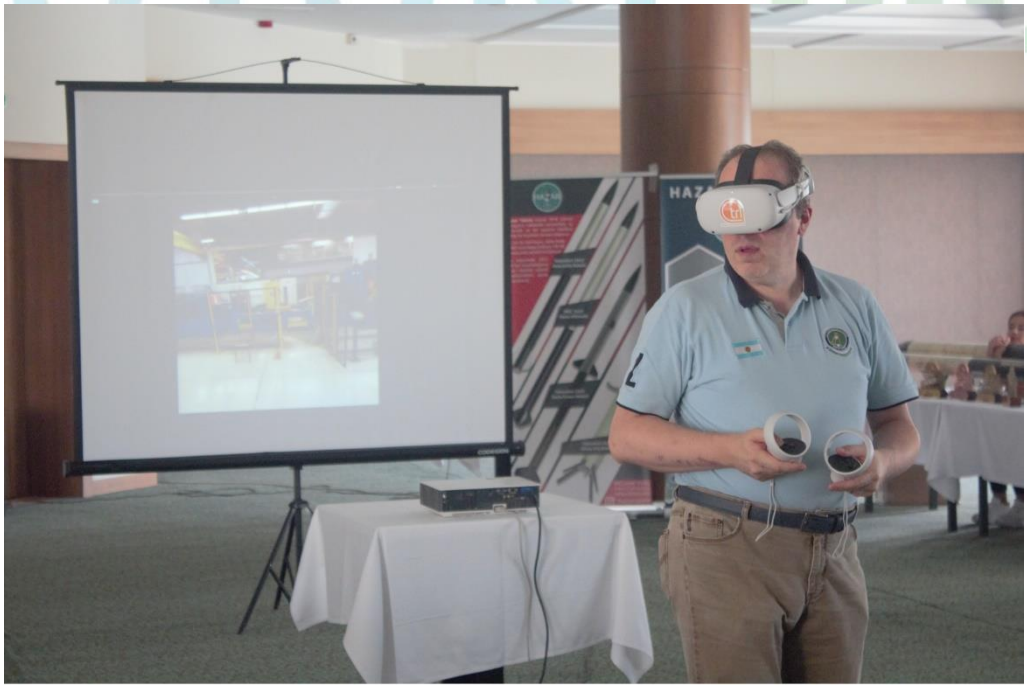
- Determining the basic knowledge level of target groups on biopolymers by preparing surveys and interviews work started in all partner countries.
- Developing a curriculum on biodegradable polymers has been started. The curriculum will be contributed to raising the qualified workforce needs of the industry.
- Preparation of Lecture Guide Book studies has been started.
- The studies that will contribute to produce education materials with innovative and interactive tools (e-learning, mobile learning, and VR tools with interactive videos and animations in game format) have been started.

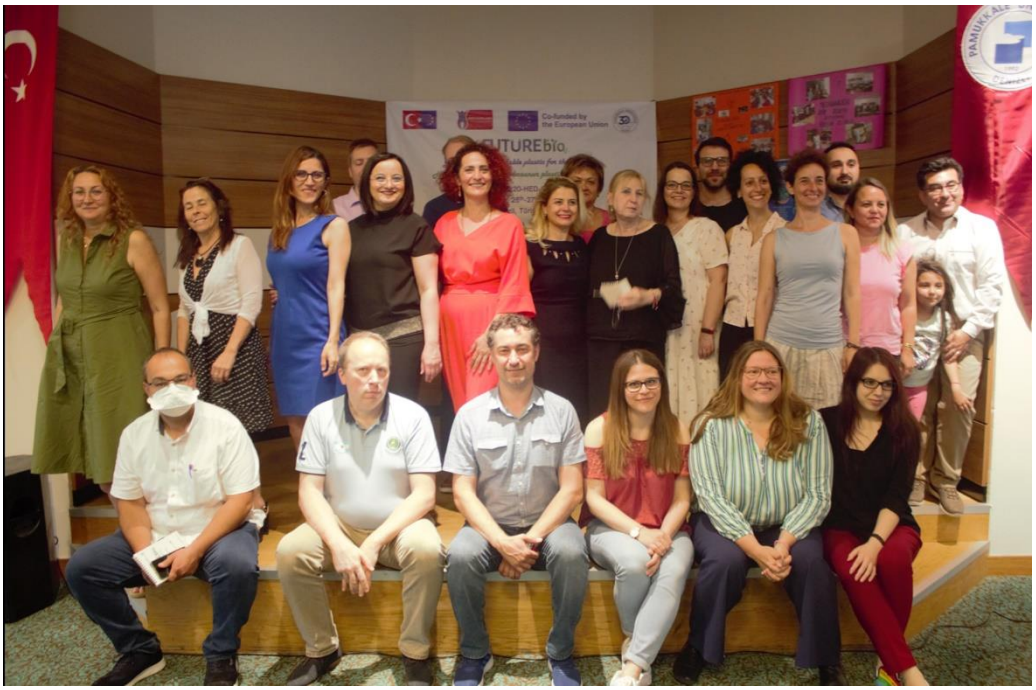
You can follow the developments regarding the FutureBio project, where all project outputs will be prepared as open access, with newsletters to be prepared every 6 months.

Let's be aware of the environment and Let's Use Biodegradable Plastics for a sustainable future!









Contacts

You can follow and access the project outputs and news via our website: https://www.futurebioproject.eu/

FutureBio Project Instagram page: @futurebioproject

FutureBio Project YouTube channel: Future Bio

For all kinds of questions and information: futurebio@pau.edu.tr