



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, and the other project partners are Kırklareli University (KLU) and Selçuk University (SU) from Turkey, Fondazione Bruno Kessler (FBK), Cosvitec Società Consortile Arl (COSV), Università degli Studi di Trento (UNITN) and Indivenire srl (IND) from Italy, Universitatea Tehnica Cluj Napoca (UTCluj) from Romania, CTRL Reality Oy (CTRL) from Finland, Ostbayerische Technische Hochschule Regensburg (OTHR) from Germany, and University of Applied Sciences of Southern Switzerland (SUPSI) from Switzerland. The 1st Transnational Meeting of FutureBio was held 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 Aydın supported the meeting with their participation. On the first day of the project meeting, Hazar Team, Ulaş Rocket Team, and undergraduate and graduate students of Pamukkale University working on bioplastics 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 % of total polymer materials produced globally. For a more livable and greener world, biodegradable polymers should be developed and used, because their diffusion in specific fields of application will help reduce carbon emissions and reach the objectives of 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 their disposal is challenging, 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 contribute to raising the qualified workforce needs of the industry.
- Preparation of Lecture Guide Book studies has been started.
- The studies that will contribute for producing 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:

FutureBio Project Facebook page:

FutureBio Project Twitter page:

FutureBio Project Instagram page:

For all kinds of questions and information:



