

Report on the project closing meeting held on September 28, 2022

Project title: Joint chemical laboratory for the service of bioeconomy in the Slovak-Hungarian border region

Project number and acronym: SKHU/1902/4.1/001/Bioeconomy

Venue: Faculty of Chemical and Food Technology STU in Bratislava, Radlinského 9, 812 37 Bratislava, Slovak Republic, from 11:00 to 16:00.

The purpose of the meeting is to present and evaluate the results of the cooperation, as well as to discuss the future cooperation.

It was an attendance meeting, but it was also possible to join online (meet.google.com/gri-cfbo-zkd). The language of the conference was English. 19 people were present at the meeting, the number of online participants was 22 in the morning and 19 in the afternoon.

The opening and closing lectures of the project were given by Prof. Ing. Alexander Kaszonyi, PhD, project manager (LB). Prof. József Valyon, DSc, project manager in Hungary (B1), was also present in the conference. Scientists of LB and B1 gave four-four presentations for the audience of the meeting.

Presentations at the conference:

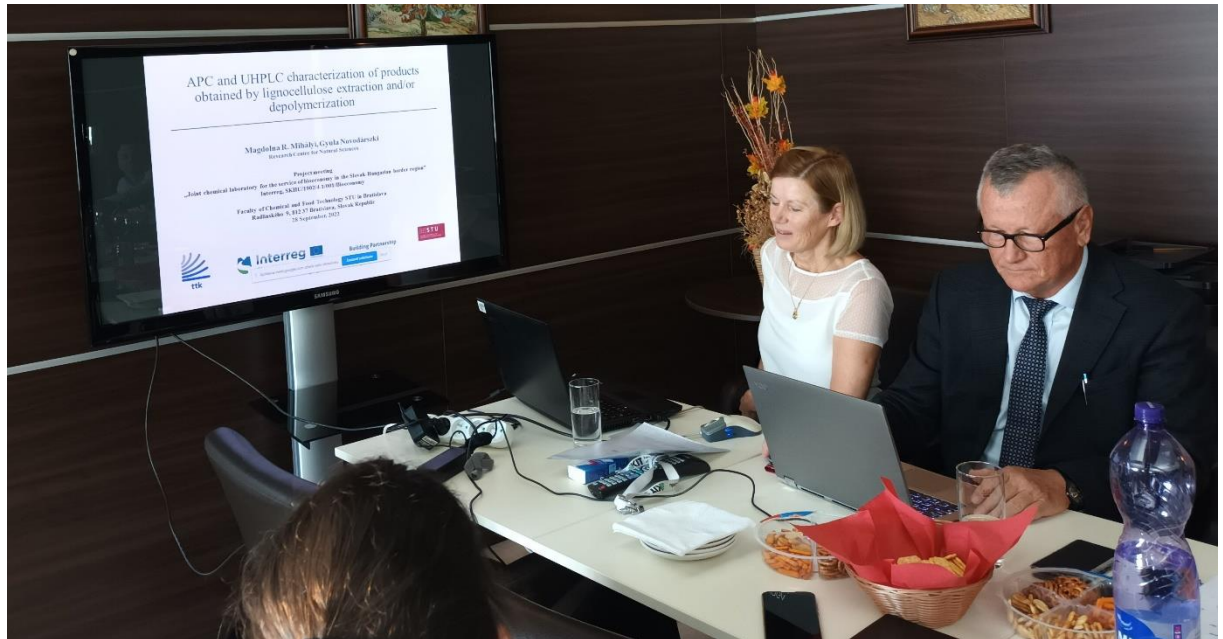
Section 1, Research Centre for Natural Sciences, Budapest, Hungary (Beneficiary 1, B1)

1. Kaszonyi, Alexander (Project leader): Opening of the meeting

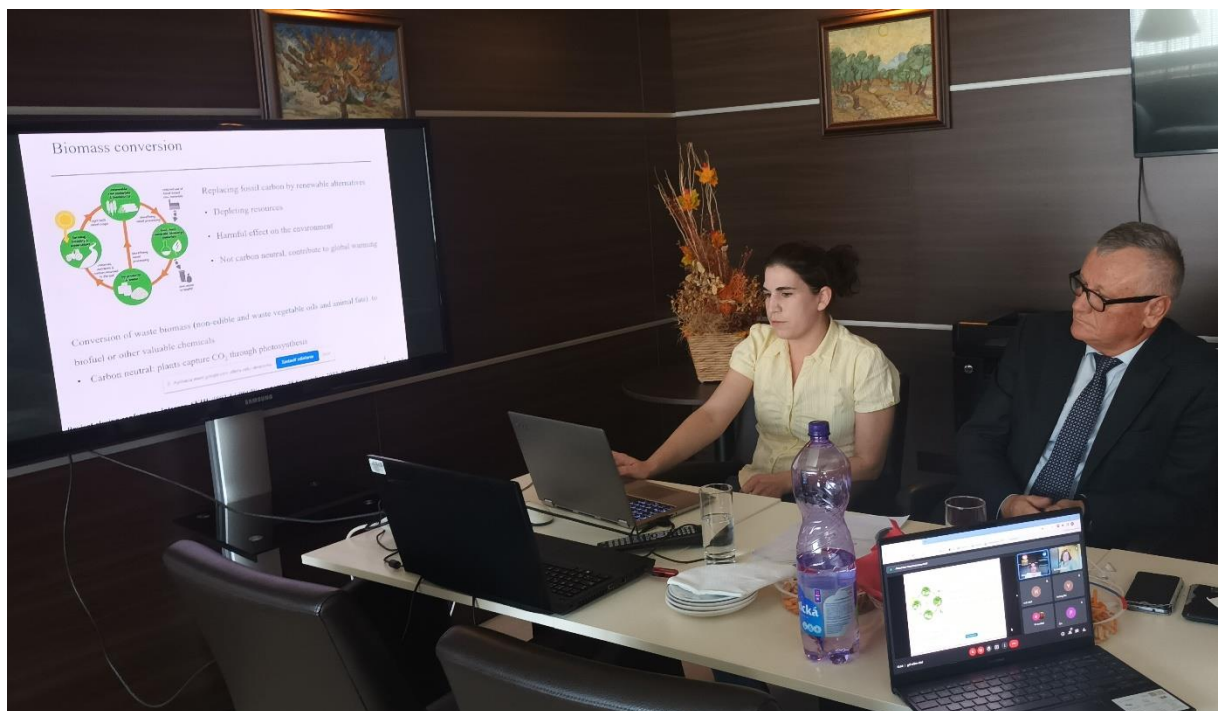


Prof. Ing. Viktor Milata, DrSc., head of the Institute of Organic Chemistry, Catalysis and Petrochemistry, was also present at the morning section.

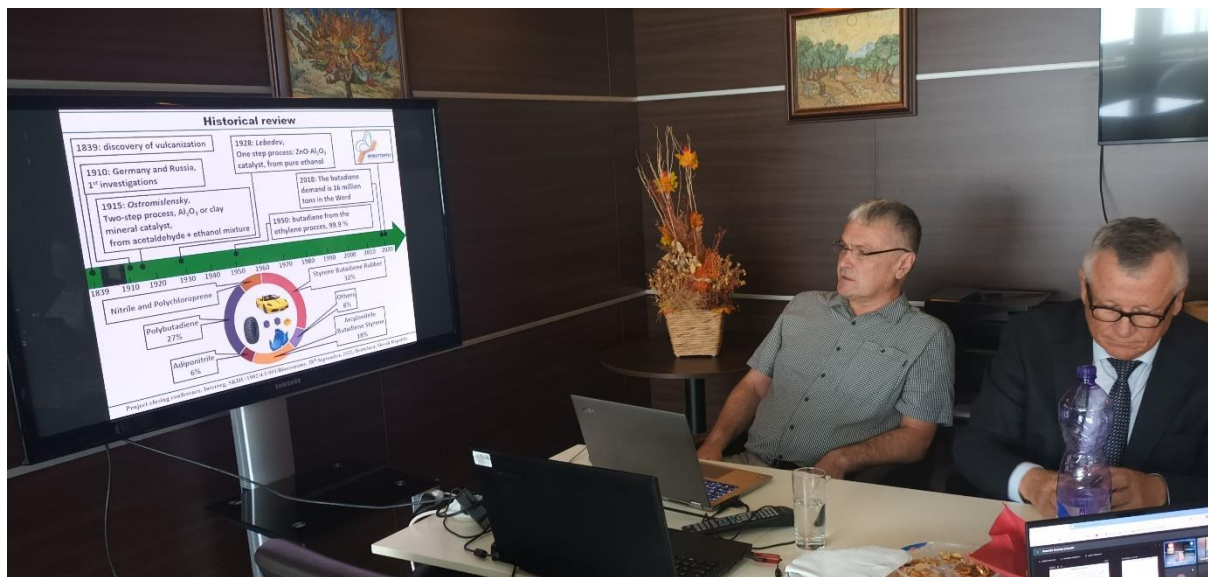
2. **Mihályi R., Magdolna:** APC and UHPLC characterization of products obtained by lignocellulose extraction and/or depolymerization



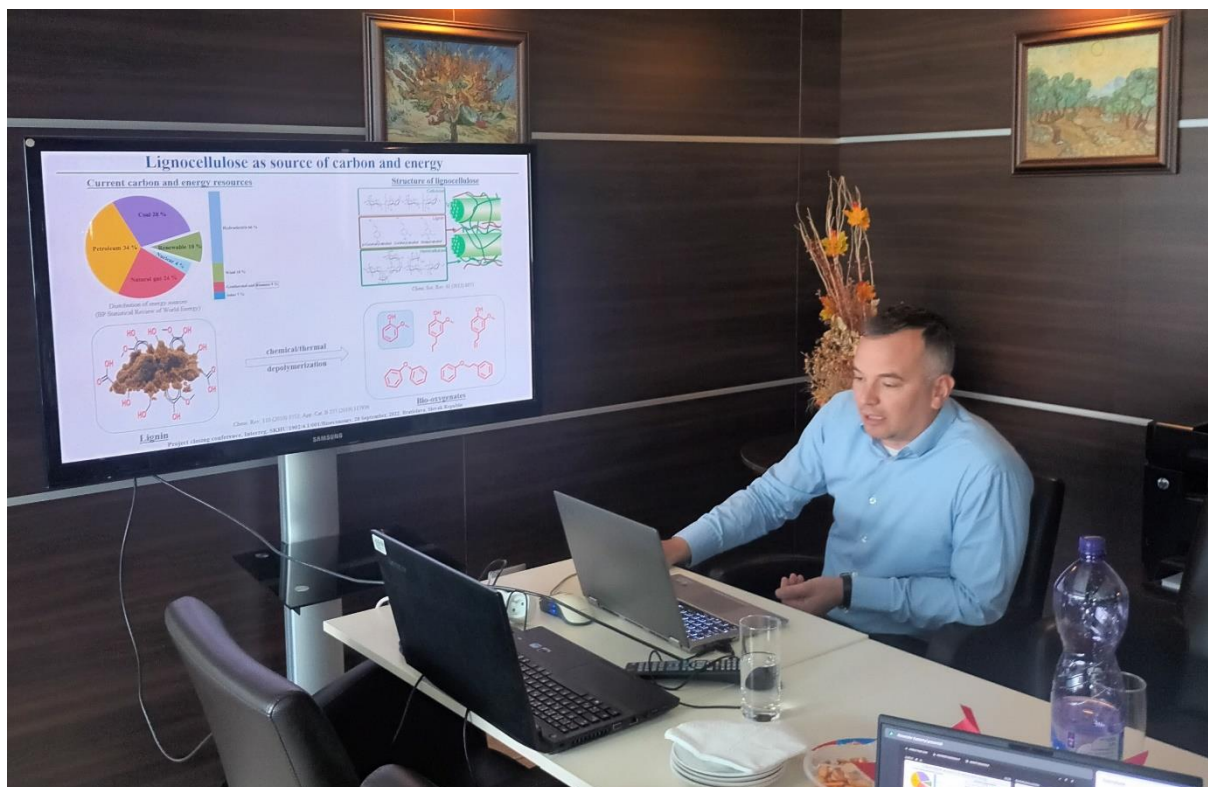
3. **Vikár, Anna:** Hydroconversion of platform molecules of lignocellulosic origin into renewable fuel components



4. **Barthos, Róbert:** The first step towards the era of biopolymers: production of butadiene from bioethanol

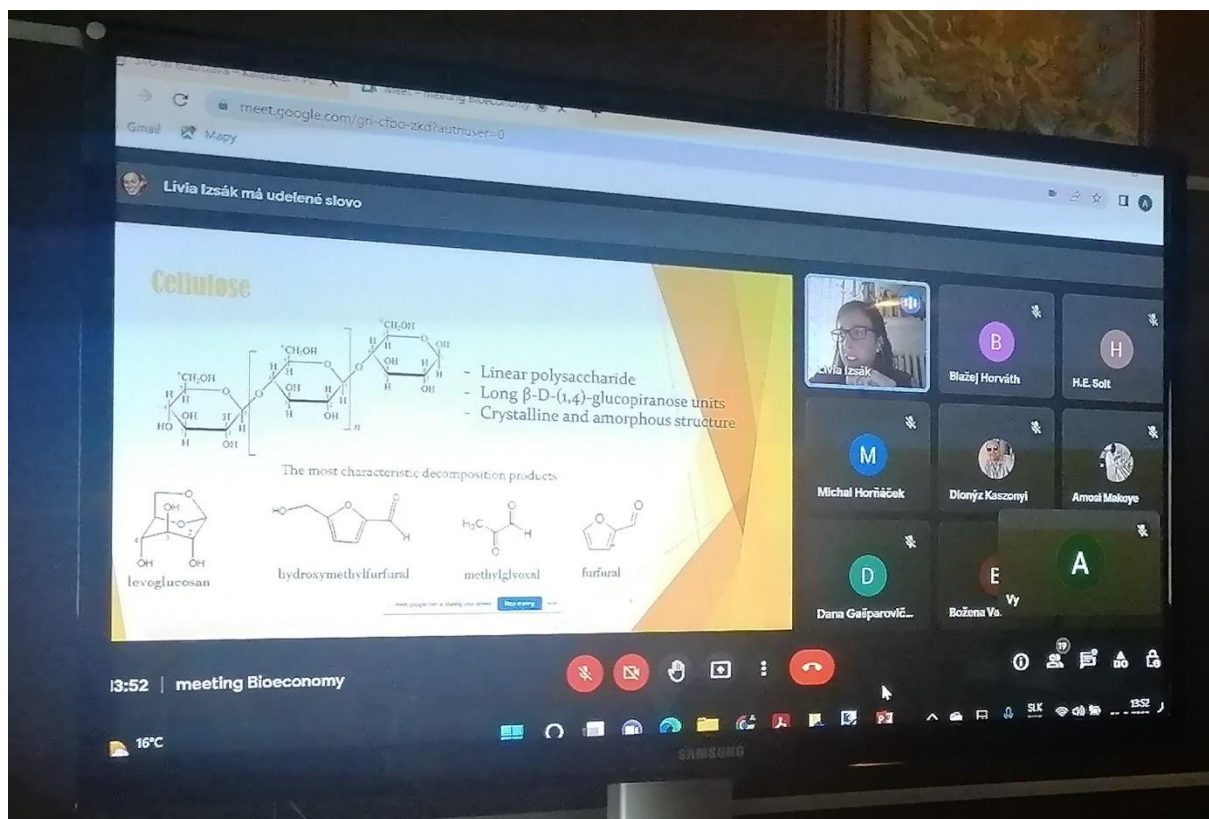


5. **Novodárszki, Gyula:** Catalytic conversion of lignin-derived, monomeric platform molecules to value-added chemicals

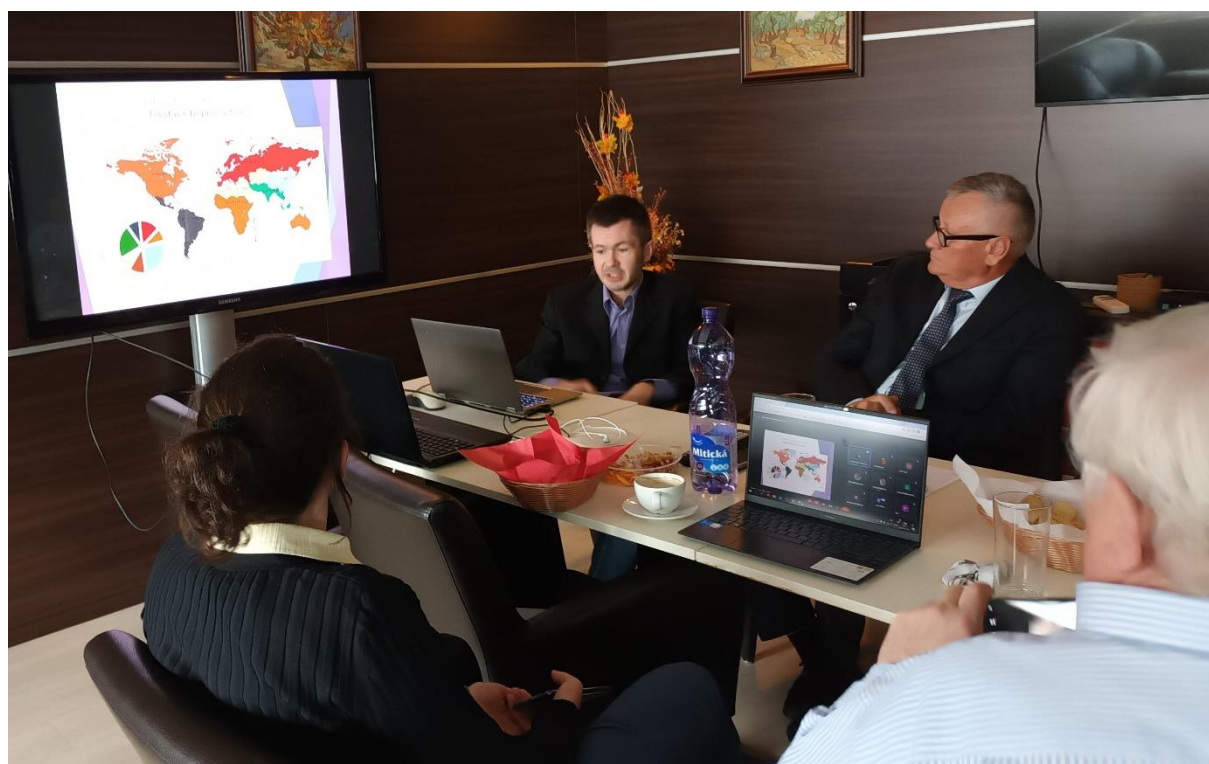


Section 2, Slovak University of Technology in Bratislava, Slovakia (Lead Beneficiary, LB)

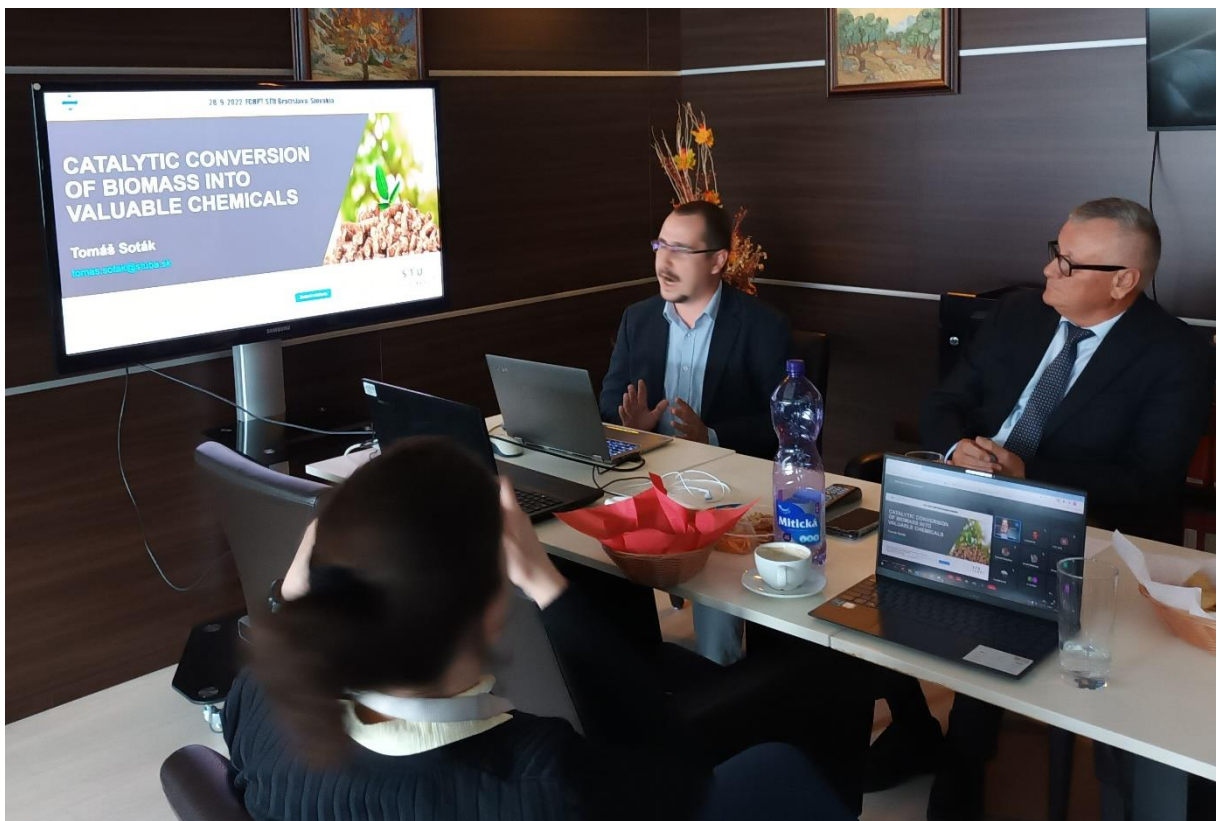
6. **Izsák, Lívia:** BioBank of lignocellulosic samples of agricultural and forestall by-products and their analysis by Py-GCMS (online presentation)



7. **Horváth, Blažej:** Bioethanol production from renewable raw materials



8. **Soták, Tomáš:** Catalytic conversion of biomass into valuable chemicals



9. **Kaszonyi, Alexander:** Utilization of straw and other stem residues within the framework of the circular bioeconomy



10. Kaszonyi, Alexander: Closing remarks

Project leaders, Prof. Ing. Alexander Kaszonyi, PhD, project manager (LB), Prof. József Valyon, DSc, project manager in Hungary (B1), and project participants.

