

# Reinforcing International Collaboration: The UK's Return to Horizon Europe and the LignoBTX Project

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## Summary

This travel grant enabled a strategic collaboration with SOCAR's R&D in Türkiye and the University of Nottingham, strengthening industry-academia partnerships for sustainable bio-based chemicals production. The visit supported the Lignin Derived BTX (LignoBTX) project, which aims to convert lignocellulosic biomass into high-value bio-aromatics and enhance industrial decarbonisation efforts.



### Aims

- Strengthen UK-Europe collaboration for sustainable bio-chemical production.
- Finalise and submit the LignoBTX project proposal to Horizon Europe - Circular Bio-based Europe Joint Undertaking.
- Accelerate industrial decarbonisation through bio-based solutions.
- Increase the visibility of bioeconomy research via dissemination and networking.

### Outcomes

- LignoBTX proposal was submitted, reinforcing European collaboration between 15 different partners.
- Expanded industry-academia partnerships, creating new research opportunities.
- Facilitated knowledge exchange on thermochemical processing of biomass/bio-waste.
- Enhanced impact through dissemination in industry and academic networks.



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