



Showcasing research by PhD candidate Jian Liu, Professor Andrij Pich and Associate Professor Katrien V. Bernaerts from Aachen-Maastricht Institute for Biobased Materials (AMIBM), Faculty of Science and Engineering, Maastricht University, the Netherlands.

Preparation of lignin-based vinylogous urethane vitrimer materials and their potential use as on-demand removable adhesives

The goal of this work is to combine biobased (lignin as raw materials) and circularity concepts (covalent adaptable networks, vitrimer) in such a way that thermosets with intrinsic recyclability are obtained. As such, this project contributes to the European Green Deal that aims at transforming the current European economy into one that is sustainable, climate neutral and circular by 2050.

As featured in:



See Katrien V. Bernaerts *et al.*, *Green Chem.*, 2024, 26, 1414.