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Area H

Symposium H1

Title

Bio-based materials to meet net zero targets covering biopolymers, bioplastics, biocomposites

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Abstract

In plastics industry we have the extraordinary possibility to use renewable resources as raw materials. With these bio-based materials products with various functions can be produced in a broad application range and the environmental footprint can be reduced at the same time.

This symposium will discuss the broad aspects of bio-based materials, starting with the production of biopolymers and additives from various sources to bioplastics and biocomposites. The recyclability and the sustainability will be considered and the suitability of bio-based materials to replace less sustainable solutions will be debated. New and innovative functional materials will be presented.