

Special Issue

Lignocellulosic Feedstocks for Producing Sustainable Construction Materials: Advances and Recent Progress

Message from the Guest Editors

The scope of this Special Issues addresses recent advances in product development, in particular in the European bioeconomy, and the sustainability assessment of these innovative materials when comparing them against business-as-usual fossil-based comparators. The results and findings expected from the potential contributions should support the European and German bioeconomy strategies and the players in the bio-based industry. The aim is to advance material and product development, sustainable resource mobilization and specific decision support for innovation and material flow strategies. We are therefore calling for contributions in the area of life cycle sustainability assessment, in the areas of materials testing, materials development and materials characterization, and last but not least in the area of development and assessment of circular bioeconomy strategies and innovation strategies for bio-based industries in the construction materials sector. **Keywords:** natural fibre reinforced composites
biocomposites
lignocellulosic feedstocks
innovative construction materials
climate-friendly building products
sustainable bioeconomy
life cycle sustainability assessment

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