

## PRESS RELEASE

**EU funded project – BioStruct – will present new developments in the field of bio – composites during the COMPOSITES Europe show in Stuttgart, in hall C2, stand E25**

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The EU-funded project BioStruct, which aims to develop complex structural and multifunctional components made from wood and cellulose-reinforced composites, will present the latest material and processing technology in wood fibre composites during COMPOSITES Europe Show in Stuttgart (27<sup>th</sup> – 29<sup>th</sup> October).

Within BioStruct, twenty partners from ten European countries are developing enhanced wood-plastic composites (eWPCs) for applications in the fields of automotive technology, electronics, construction and packaging.

"Modified wood and cellulose fibres will bind more effectively to the matrix polymers, leading to a significant improvement in the properties compared to conventional wood plastic composites, which are currently extremely successful on the market as a cheap alternative to unfilled plastics," says Dr. Jan Diemert, coordinator of BioStruct at the Fraunhofer Institute for Chemical Technology / Germany.

Wood-based composites or green composites increased in popularity and interest in Europe during the last years, mainly because of their commercial success on the US-market and the rising prices for standard polymers. Nevertheless, the environmental and ecological standards are also playing an increasing role in the process of developing new materials. BioStruct Project is considering the sustainability factor and it focuses on energy-efficient processes and resource-efficient production techniques.

The Fraunhofer Institute for Chemical Technology and the project partners NetComposites and the European Composites Industry Association (EuCIA) will attend the COMPOSITES Europe Show (27<sup>th</sup> – 29<sup>th</sup> October) in the "Neue Messe Stuttgart".

BioStruct's latest developments in the field of wood-based composites and their processing technology will be displayed in **hall C2, stand E25**. Visitors will also have the opportunity to get a closer look at exhibits based on renewable raw materials.

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