



PRESS RELEASE

Presentation of Woody, an EU-funded project on Innovative Advanced Wood-Based Composite Materials and Components, during the COMPOSITES EUROPE Fair in Stuttgart

September 2009

The EU-funded project Woody, which comprises 19 partners across Europe and Israel, will be presented for the first time at the COMPOSITES EUROPE Fair in Stuttgart from 27 to 29 October 2009.

The Project's main objectives are to develop and promote composite structures from renewable materials, that is, wood-derived cellulose fibres and resins obtained from natural raw materials, to develop an innovative process covering the entire value chain of composites, i.e. fibre, matrix and core derived from natural resources materials, and to apply these innovative materials in an eco-sustainable manner in the sectors of transportation and building and construction, as well as in the furniture, music instrument and toy industries.

To achieve the abovementioned goals, Woody's main innovations include: the development of an enzymatic and thermal-chemo-mechanical treatment for the extraction process of high-quality, sustainable cellulose fibrils; the identification of suitable natural, furan-based resins and processing methods for the achievement of high-performance composites; the creation of various composite design tools that will allow for a newer and optimal exploitation of the properties of the materials by utilising the potential of hybrid structures; and the development of additives for various operation methods in the composites formulation process.

Further information concerning WOODY and its latest developments will be provided by the WOODY consortium in **hall C2, stand E25**. Several of the consortium's partners will be attending the COMPOSITES EUROPE Fair, including the project coordinator D'APPOLONIA, APC Composit AB, APM Anthony, Patrick e Murta - Exportação LDA, Swerea SICOMP AB, eXtreme Materials S.R.L and the European Composites Association (EuCIA).

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WOODY is a 4 year EU-funded large-scale integrating project under the European Community's Seventh Framework Programme (FP7 2007-2013). The project is coordinated by the Centro di Progettazione, Design & Tecnologie dei Materiali (CETMA) and is composed of a consortium of 19 European partners. The other partners include: APC (SV), DTU (DK), VTT (FI), CENTEX (BE), TFC (BE), MARBO (IT), LTU (SV), DAPP (IT), APM (PT), VOLVO (SV), LIND (SV), SIC (SV), KAPENA (PL), EXTREME (IT), HUJ (IL), GIAN (IT), FAPES (IT) and EuPC/EuCIA (BE).