

# WOODCHEM 2017

Wood conquering chemistry

NANCY - FRANCE  
December, 6<sup>th</sup> and 7<sup>th</sup> 2017

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[www.woodchem.fr](http://www.woodchem.fr)

## Editorial

### Wood: from traditional uses to new materials

From local businesses right through to heavy industry, the forest timber sector includes a wide range of players who use products derived from forestry or who recycle the coproducts. Covering some 17 million hectares, French forests remain under-exploited, or rather, 'under-harvested'. Wood chemistry is emerging as a growth segment for this sector which lags far behind the agricultural sector. The last 20 years has seen the growth in new bio-economy industries, in particular those producing new wood-based materials, alongside agrifood and traditional timber industry.

Traditionally, forest biomass has been converted into wood materials, pulps and papers, reconstituted wood products and boards, textiles and rubber. Recently a new sector of new, biosourced materials and fibrous bio-composites has emerged, offering, in addition to their environmental rewards, many benefits in terms of their weight, durability, maintainability and adaptability to different applications in particular.

Today, some 6% of our energy markets, materials and chemistry are biosourced and the Government has set itself the target of 10% by 2030 (commitments under COP 21 and energy transition), highlighting a major issue for climate regulation. Researchers, institutions, chemists and forestry workers play an essential role. Come to Woodchem 2017, the international conference dedicated to wood chemistry, on 6-7 December in Nancy.

Come along for the adventure!  
[contact@woodchem.fr](mailto:contact@woodchem.fr)

## PROGRAMME



**Jean-Luc Sadorge**  
Director of  
Pôle Fibres-Energie



**Philippe Gérardin**  
Professor at  
Université de  
Lorraine

## 3 good reasons to come to Woodchem® 2017

REGISTRATION

- > Because new biosourced materials are a growth sector offering a sustainable alternative that complements traditional materials.
- > Because forest biomass can absorb and store photosynthetic renewable carbon ('green carbon'), which can be used in a great many sectors.
- > Because bio-industries are net job creators, particularly in rural areas.

## A success story of the month

### THE FURALOR PROJECT, A LOCAL COMPOSITE WOOD THAT'S MORE EFFICIENT

In partnership with LERMAB and CRITT Bois, a company that manufactures machines for the wood industry, Métallerie du Sud Lorrain (MSL) was involved in the Furalor project, aimed at confirming the feasibility of producing high durability composite wood from local beechwood. The project's originality lies in the fact it uses an, until now, neglected resource from Eastern France: beechwood. The composite wood produced by the Furalor project is also unique in that it is produced from hardwood and designed to be more efficient. Having developed the prototype of the hardware needed to impregnate the wood with fururyl alcohol, the Lorraine-based company MSL and its partners are now planning on going continuing their work by trialling the process on an international scale. This new generation composite wood opens up markets to replace exotic woods and may find applications in construction in particular.

Benoit Laibe, CEO of Métallerie du Sud Lorrain, will present the Furalor project and its hardware prototype at Woodchem on 7 December, alongside Philippe Gérardin, CEO of LERMAB.

## A sneak preview of the conference

### FOREST INDUSTRY GATHERING WEDNESDAY 6 DECEMBER 2017 AT 7 P.M. IN THE PRESTIGIOUS SETTING OF THE PALAIS DU GOUVERNEMENT IN NANCY

To mark the Woodchem conference, an evening dedicated to issues around forestry and green chemistry. Wood chemistry offers a new alternative to petroleum-based products in sectors ranging from construction to health, agriculture, food and transport. It also offers new market opportunities for the forestry - timber industry.

#### Presentation by a chemist / forestry duo:

**Antoine d'Amécourt**, Chair of Fransylva, & **Eric Firtion**, Director of Innovation at Union des Industries Chimiques and General Delegate of the biobased chemistry association, Association Chimie du Végétal

**Presentation by young promising businesses** working on innovations in wood-based chemistry: **Biolie**, **Pearl** and their 'business angel', Forinvest.

**Concluding remarks by André Rossinot** (to be confirmed), Chair of the Greater Nancy Metropolitan Area (Métropole du Grand Nancy): Eastern France and the future of its forests.

**The gathering will be followed by a reception buffet with guests from the forest sector**, including Woodchem@partners, speakers and participants.

## REGISTRATION

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