

September 17&18th
Troyes - France



7th CONGRESS

NATURAL FIBERS AND POLYMERS

This multi-year event, co-hosted by APM and FRD-CODEM, will provide through an one-and-a-half-day **overview from an European perspective of the latest developments in the use of natural fibres in plastics and composites materials**: availability and processability of agricultural materials, properties and optimisation of fibre/polymer composites (interface, treatment, etc.), recycling and end-of-life, life-cycle analysis and eco-design, differentiating performance of biobased materials, innovative reinforcements, applications in the automotive, mobility, construction, sports and leisure, aerospace, design and packaging sectors, etc.

Speakers and exhibitors renowned for their achievements in the field of biomaterials.

Industrial players :

APM, AIRBUS DEFENCE AND SPACE, ALLIANCE FOR EUROPEAN FLAX-LINEN & HEMP, ARKEMA, BCOMP, DEMGY ATLANTIQUE, ECOTECHNILIN, FORVIA, KAIROS ENVIRONNEMENT, MICHELIN ENGINEERED POLYMERS-RESICARE, SILVADEC, TEMCA

Institutional and academical players :

ADEME, BIOECONOMY FOR CHANGE, FRD-CODEM, IMT ALES, INRAE, UMR IATE & UMR TBI, SFIP, TECHTERA, UNIVERSITY OF INNSBRUCK, VTT-TECHNICAL RESEARCH CENTER OF FINLAND

Supporting partners:

JEC COMPOSITES
MAGAZINE The world's leading
composites magazine



Société Française
des Ingénieurs
des Plastiques



Alliance for European
Flax-Linen & Hemp



INTERCHANVRE



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APM, leader in the production of natural fiber compounds.

FRD-CODEM, Technological Resource Center dedicated to the development of plant fibers into materials.

ADEME, Agency for Ecological Transition.

GRAND EST REGION, supports the integration of industry, higher education/research, and the bioeconomy.

TROYES CHAMPAGNE METROPOLE, hemp, a strategic sector for the region.

BIOECONOMY FOR CHANGE, the Bioeconomy and Bioproducts Cluster.

INTERCHANVRE, the hemp interprofessional organization that develops various hemp markets

JEC GROUP, the leading global company dedicated to developing information channels and professional meetings to support the development of the composite materials industry.

SFIP, brings together players in the plastics industry.

PROGRAM : September, 17th & 18th, 2025

Wednesday, September 18th (8:00 am - 10:30 pm)

🕒 8:00 - RECEPTION & COFFEE

🕒 9:00 CONGRESS OPENING

Sylvain KECA, Director of APM and Pierre BONO, Director of FRD-CODEM

🕒 9:15

BioStruct: Development of advanced manufacturing processes for structural composites reinforced with flax fibres

Clara LECLAIRE & Pauline GUILLON, Innovation project managers, Techtera

🕒 9:30

Thermoplastic lignocellulosic hybrid fiber composites enabled by foam forming technology

Drs Miika NIKINMAA & Kirsi IMMONEN, Sustainable products and materials, VTT

🕒 9:45

Fire behaviour and fireproofing of natural fibres: from optimizing biobased insulating materials to assessing solutions for composites

Rodolphe SONNIER, Research professor, IMT Alès

🕒 10:00 - DISCUSSIONS WITH THE SPEAKERS

🕒 10:15 - COFFEE BREAK

🕒 11:00

Functional plant fibres and powders: designed performance through mechanical deconstruction

Adrien REAU, Engineer, Head of the PLANET platform, UMR IATE

🕒 11:15

From pressed stalks to technical rovings, long hemp fibres are suitable for composite applications – RAW project

Valentine TROI, Research group leader, GROWNlab, Université d'Innsbruck

🕒 11:30

Integrating tools for quality management in the hemp industry: a model to follow for enhancing lignocellulose in materials ?

Arnaud DAY, Scientific Director, FRD-CODEM

🕒 11:45 - DISCUSSIONS WITH THE SPEAKERS

🕒 12:00 - LUNCH BREAK

🕒 1:45 pm

Natural fibres and the automotive industry: so much progress in three years!

Laurence DUFRANCATEL, Engineering Director & Thibaud DEBUISY, Advanced Engineering Manager, MATERI'ACT (FORVIA Group)

🕒 2:00 pm

Natural fibre materials in the vehicle of the future

Karim BEHLOULI, Managing Director, Eco-Technilin

🕒 2:15 pm

Challenges and recent progress in the use of natural fibre composites in the automotive industry

Julien RION, Chief Technical Officer, Bcomp

🕒 2:30 pm

Study of fire-resistant natural fibre composites for new market applications

Virgile DAUX, Head of Materials R&D & Louis RESZKA, R&D apprentice, APM

🕒 PM 2:45 - DISCUSSIONS WITH THE SPEAKERS

🕒 PM 3:00 - COFFEE BREAK

🕒 3:45 pm

Testimonial - Circular economy and sustainable innovation: the vision of Europe's leading wood composite manufacturer, committed to the industry of tomorrow.

Bénédicte JEZEQUEL, President, Silvadec

🕒 4:15 pm

Architecture and flax fibre-reinforced thermosetting composite: the winning duo for the facades of the Jacques Chirac School Complex in Marseille

Jean-Claude BOUDIERE, President, TEMCA

🕒 4:30 pm

New Generation of bio-based resins

Anne-Sophie MORA, Fibre sector Leader and resin designer & Edouard ROOSES, Business Developer, Michelin Engineering Polymers - Resicare

🕒 4:45 pm - DISCUSSIONS WITH THE SPEAKERS

🕒 5:15 pm - ORGANISED VISIT

Guided tour of Troyes upon registration

**Wednesday,
September 17th
pm 6:45 - 10:30**

**Cocktail dinner :
Espace Champagne
Centre de Congrès**

Tuesday, septembre 18th (8:00 am - 12:45 pm)

🕒 8:00 - RECEPTION & COFFEE

🕒 8:45 Introduction of the day by the pole Bioeconomy For Change

🕒 9:00

From functional properties to industrial applications: European Flax-Linen & Hemp as Technical Solutions

Bruno PECH, Innovation Project Manager, Alliance

🕒 9:15

Use of flax/polypropylene composites in luggage: Limits and opportunities

Léo MARY, R&D Engineer, DEMGY Atlantique

🕒 9:30

Use of biobased composites in Space: both sustainable and competitive

Christian PUIG, Materials Expert, Airbus Defence and Space

🕒 09:45

Eco-design & Industrialisation

Speaker to be determined

🕒 10:15 - DISCUSSIONS WITH THE SPEAKERS

🕒 10:30 - COFFEE BREAK

🕒 11:00

Introduction to the Round Table on the use of biobased solutions in polymer and composite materials

Emilie MACHEFAUX, Head of the Renewable Heat Department and the Biobased Wood and Biofuels Unit, ADEME

🕒 11:15

Round Table : Eco-design and LCA of biobased solutions in polymer and composite materials animated by ADEME

- Guillaume Delannoy, Head of Studies, FRD-CODEM

- Lorie Hamelin, Junior Chairholder on Sustainable Transitions to Low-Carbon Fossil Economies, INRAE

- Marie Demaegd, Sustainability Manager, Alliance

- Erwan Grossmann, Design Office Manager, Kairos Environnement

- Christophe Calais, Life Cycle Analysis Expert, Arkema & Co-leader of the Sustainability Working Group of the Plant Chemistry Association

- Expert from automotive industry

🕒 12:15 - DISCUSSIONS WITH THE SPEAKERS

🕒 12:30 - CONCLUSION OF THE CONGRESS

Registrations

Online:

<https://frd-codem.fr/colloque-fibres-naturelles-et-polymeres>

Registration fees : €350 excl. VAT

Acts, breaks, lunch, visit, cocktail evening included

Your registration will be confirmed upon receipt of payment. A paid invoice will be sent to you. You will be given a badge at the entrance to the event.

Additional information



Cindy LANDREAT - FRD-CODEM

Technopole de l'aube en Champagne

Hôtel de bureaux 2

2 rue Gustave Eiffel CS 90601

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Hotels at negotiated prices

List of hotels and prices (for consultation and reservation)

<https://frd-troyes-2025.mice-booking.com/>

Access to the Congress Center

**2 Rue Pierre Labonde,
10000 Troyes, FRANCE
+33 3 25 42 50 86**



Train Line (Paris-Belfort-Mulhouse)
1h30 Paris-Troyes - 15 minutes walk from the train station



Motorway intersection A5/A26
Follow : Troyes Centre/Préfecture



UNDERGROUND CAR PARKS :
Cathédrale, Les halles, Hôtel de ville

