



SAVE THE DATE

Interregional Workshop on innovative bio-based resin derivatives

Virtual event

13 & 14 April 2021



Organised by:

European Forest Institute

Fundación Cesefor

iNet

Interregional Workshop

Coordinator



Partners



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Interregional Workshop on innovative bio-based resin derivatives

Current trends and promising research opportunities for bio-based colophony, turpentine, CTO and CST derivatives

☞ “**Bio-based derivatives**” expression in this document is used to refer to **colophony** (rosin) and **turpentine** derivatives produced from **pine oleoresin** (crude gum) as well as from **crude tall oil (CTO)** and **crude sulfate turpentine (CST)**.

13th - 14th April 2021 – online event

CONCEPT NOTE

Bio-based resin derivatives are green solutions, which can support the replacement of fossil raw materials in industrial chemical production, for products such as plastics, adhesives, coatings, or fragrances. The harvesting and the production of pine resins has been a relevant economic resource in the coniferous forests from all Mediterranean Europe and all over the world, for centuries. In the past decades, the sector has been declining gradually due to substitutive oil-based products.

Nowadays, the industrial demand for resinous products in Europe is estimated at 300,000 tons per year. **The market potential of bio-based colophony, turpentine, CTO and CST derivatives is high, and can potentially contribute to a greener economy, improved rural livelihoods and creating industrial jobs.** There still are, however, relevant challenges related to competitiveness, as well as marketing, certification and traceability strategies which need to be developed to strengthen even further the position of the bio-based resin derivatives sector as the sustainable alternative to fossil-based ones.

Objective:

The objective of this final INCREDIBLE Interregional workshop is to discuss current trends and promising business opportunities for bio-based colophony, turpentine, CTO and CST derivatives. The two-day workshop will serve as a forum with key industry representatives to identify enabling factors and critical barriers for bio-based resins as a sustainable alternative to fossil-based derivatives.

The Workshop will:

- Detect major demands and trends in innovation and development of bio-based derivatives, fostering collaboration between industry and academic research.
- Identify new business opportunities for bio-based Mediterranean derivatives, including marketing and traceability issues.
- Kick-start discussions on how to enable bio-based derivatives to be sustainable alternative to fossil-based ones, and identify necessary sectorial policies, marketing, certification and traceability strategies.
- Create a virtual space for resins industries and research centres to interact and share experiences.

Addressed to: The target audience of the workshop includes primary and secondary processing industries, chemical equipment manufacturers, Colophony and turpentine derivatives consumers, certification and traceability entities, sectoral associations, government bodies and research organizations.

Dates: 13th-14th April 2021, with 4 sessions (each lasting 1.5 or 2 h)

Venue: To be held online due to the COVID-19 pandemic

Language: English

Registration: <https://network.bioregions.efi.int/event/innovative-bio-based-resin-derivatives-2021-04-13-2021-04-14-11/register>

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In collaboration with the [Bioregions Facility](#)



PROGRAMME

DAY 1: 13 April 2021

<p>12:00-13:30 (CET)</p>	<p>Session 1: Setting the scene - Innovative bio-based resin derivatives</p> <p>Welcome address from INCREDIBLE, state-of-the art presentations on pine oleoresins and CTO/CST derivatives.</p>
	<p>Welcome and introduction to the workshop</p> <p>Inazio Martinez de Arano (EFI) Eduard Mauri (EFI) Aida Rodriguez (CESEFOR)</p>
	<p>State of the art - Pine oleoresins (Title TBC)</p> <p>Alejandro Cunningham</p>
	<p>State of the art - CTO & CST (Title TBC)</p> <p>Michel Baumassy (Forchem Oy)</p>
	<p>Open debate and conclusions of Session 1</p>
<p>14:30-16:30 (CET)</p>	<p>Session 2: Research, Development, and Innovation</p> <p>A series of small presentations showcasing major demands and trends in innovation and in development of bio-based derivatives from both research and industry representatives.</p>
	<p>Introductory keynote presentation (Title TBC)</p> <p>Geoffrey Robert Mitchell (Polytechnic Institute of Leiria)</p>
	<p>Showcasing innovations of bio-based resin derivatives</p> <ol style="list-style-type: none"> 1. Juan López Martínez (UPV) 2. Marina Lopez-Guia (Xylofutur) 3. UPM Bioverno (TBC) 4. TBC
	<p><u>Open debate and conclusions of Session 2</u></p>

DAY 2: 14 April 2021

14:00-16:00 (CET)	<p>Session 3: Enabling the bio-based resin sector</p> <p>Virtual round table on certification and regulatory barriers/enabling factors for bio-resin derivatives, as to kick-start discussions on how to enable bio-based derivatives to be sustainable alternative to fossil-based ones, and identify necessary regulatory, marketing, certification and traceability policies and strategies.</p>
	<p>Virtual round table and debate – Sustainability standards and certification</p> <ol style="list-style-type: none"> 1. Jacopo Giacomoni (ETIFOR) 2. Ana Belén Noriega Bravo (PEFC) 3. Asta Partanen-Christopher vom Berg (nova-Institute) 4. Alvaro Picardo (Junta de Castilla y Leon)
	<p>Virtual round table and debate (continue) – Regulatory strategies</p> <ol style="list-style-type: none"> 1. Mike Penman & Varvara Kokkali (Penman Consulting) 2. DRT (TBC) 3. Fraunhofer Institute (TBC)
	<p><u>Open debate and conclusions of Session 3</u></p>

16:30-18:00 (CET)	<p>Session 4: The future is green</p> <p>Keynote presentations providing an overview of policy framework for bio-resin derivatives, green chemistry advances and the upcoming EU research agenda.</p>
	<p>Outputs of the INCREDIBLE Policy forum – an overview for the bio-resin sector Alvaro Picardo (Junta de Castilla y Leon) (TBC)</p>
	<p>Keynote presentation (Title TBC) Johan Elnert (Forest-Technology Platform -FTP)</p>
	<p>Keynote presentation (Title TBC) CEFIC (TBC)</p>
	<p><u>Open debate and conclusions of Session 4</u></p>