

## Challenges, trends and solutions in developing and processing biobased products



14th - 15th May 2024 | Zaragoza (Spain)

### Day 1 | Biobased resins and fibres: what to do to reach the industry

9:00 - 9:30 Registration

9:30 - 10:00 Institutional Opening

Ms Berta Gonzalvo | Aitiip Technology Center

Ms Mar Paños | General director of industrial and innovation promotion, Government of Aragón

#### Session 1: State of the art. General approach to biopolymers

10:00 - 10:30 **Prof. Daniel Schwendemann | OST University of Applied Sciences Eastern Switzerland**

Bioplastics, overview, classification and trends

10:30 - 10:50 **Herfried Lammer | WoodKPlus**

Recycling of biobased fiber composites-from a structural value chain as beneficial raw material to packaging value chain

10:50 - 11:10 **Prof. Judit Puskas | The Ohio State University (OSU)**

"Green" Polymers for a Better Future

11:10 - 11:40 **Networking coffee**

#### Session 2: The future of biobased materials

11:40 - 12:00 **Ian Hamerton | University of Bristol**

Modifications needed in the biobased resins to reach aerospace and aeronautics

12:00 - 12:20 **Adrián Moreno | Universitat Rovira i Virgili**

Unlocking the potential of lignin: Towards lignin-based polymeric composites and circular materials

12:20 - 12:40 **Julio Vidal | Aitiip**

Biobased material in complex and recyclable structures

12:40 - 13:00 **Janez Slapnik | FTPO**

Challenges and opportunities in the development and processing of short fibre reinforced biocomposites

13:00 - 13:20 **Isabel de Schijver | CENTEXBEL**

Self-reinforced biobased composites: properties and environmental impact

13:20 - 15:00 **Lunch-networking**

15:00 - 16:30 **Industrial Round Table | Diego Calderón (IDEC) | Pere Castell (GCR Group) | Iban Ganduxé, Eduardo Martinez (Orzyte) | Herfried Lammer (WoodK+) | Prof. Judit Puskas (OSU) | Lidia Garcia, Chairwoman (Aitiip)**

16:30 - 18:00 **Match Making**



## Challenges, trends and solutions in developing and processing biobased products



14th - 15th May 2024 | Zaragoza (Spain)

### Day 2 | New technological advances in the biobased industry to reach circular economy and meet customer and industry requirements

9:00 - 9:30 Registration

#### Session 1: Bioeconomy certifications and structuring of Territory

9:30 - 9:50 **Marc Akermann | OST University of Applied Sciences Eastern Switzerland**

Welcome in the jungle of bio certificates

9:50 - 10:10 **Fabio Sagnelli | Biobased expert - BIC Consultant**

Circular Economy Ecosystems for a climate-neutral, sustainable, resilient and competitive Europe

10:10 - 11:00 **Round Table: Packaging in a biobased world**

**Maidier Gómez (CIRCE) | Maria Díaz (Food+i) | Ana Carrasco (Paturpat) |  
Carolina Peñalva, Chairwoman (Aitiip)**

11:00 - 11:30 Networking coffee

#### Session 2: Biomaterial trends in the industry of the future | Papers Pitch | 11:45 - 13:30

11:30 - 11:50 **Bláz likozar (Online) | NIC**

Biomass valorization to SSBBDD

11:50 - 12:10 **Luka Juvancic | University of Ljubljana**

Food waste as a source for packaging

12:10 - 13:30 **PRESENTATION OF CALL FOR ABSTRACTS**

13:30 - 13:45 **Closure | Ms M<sup>a</sup> Pilar Gayán Sanz, General Director of Universities of Gobierno de Aragón**

13:45 - 15:00 Lunch - networking

15:00 - 17:00 Visit to Aitiip's facilities

#### Venue | Locations

**Day 1:** Centro Joaquín Roncal CAI | C. de San Braulio, 5, Casco Antiguo, Zaragoza

[google maps](#)

**Day 2:** Aitiip Centro Tecnológico | Pol. Empresarium, C. del Romero, 12, Cartuja Baja, Zaragoza

[google maps](#)