



Native hardwoods, the resilience of the forest sector?

International symposium
February 28 to March 1, 2023
Lugo, Galicia, Spain

Wednesday February 28

09:00 Reception of attendees

09:30 Welcome by the Director of the Galician Agency for Forest-based Industry, Jacobo Aboal Viñas

09:45 Session 1. Hardwoods in Galicia

Hardwoods biotechnology. *José Martel, General Directorate for Forest Planning DXPOF.*

Hardwoods silviculture. Marteloscopes. *Roque Rodríguez Soalleiro, University of Santiago de Compostela USC.*

Preliminary results of the Technological Project for Hardwoods in Galicia. *Francisco Pedras Saavedra, Galician Center of Innovation and Technological Services for the Wood Industry (CIS-Madeira).*

10:45 Session 2. Hardwoods innovations in Europe

European networks and hardwoods construction. *Uwe Kies, Innovawood.*

Decarbonization and cascade use of hardwoods. *Klaus Richter, Technical University of Munich, Germany.*

11:45 Coffee break

12:15 Session 2bis. Hardwood innovations in Europe

Valorization of hardwoods in Europe. *Andreas Nikolaus Kleinschmit von Lengefeld, Homo Silvestris Europae.*



Experiences and innovation in biorefineries with hardwoods.
Matthias Held, UPM Leuna, Germany.

Tannins and barrels. *Brígida Fernández de Simón Bermejo, Spanish National Research Council CSIC.*

- 13:30** Lunch
- 14:45** **Technical visit to the Marteloscope de Labio**
- 17:30** End of the day
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Thursday February 29

08:45 Reception of attendees

09:00 h **Session 3. Forest industry. Opportunities and challenges**

Densification and thermal treatment for construction with birch. *Pekka Ritvanen, Avantwood, Finland.*

Densification with hardwoods. *Oliver Kläusler, Swiss Wood Solutions AG, Switzerland.*

Birch plywood and bioproducts. *Michael Kern, Riga Wood GmbH, Latvia.*

Lignin production. *Ewellyn Capanema, RISE, Sweden.*

10:00 **Session 4. Workshop. Resilience assessment.**

Presentation of the interactive session. *Mercedes Rois Díaz, Galician Agency for Forest-based Industry.*

Climate change and resilience. Decision support tools and resilience assessments. *Anne Toppinen, University of Helsinki, Finland.*

Resilience Dashboard (WP1). *Alice Ludwig, University of Natural Resources BOKU, Austria.*



Adaptation measures across the value chain. Survey Results (WP3). *Annechien Hoeben, University of Graz, Austria.*

Resilience ladder. Forest owners and social demands (WP4). *Jette Jacobsen, University of Copenhagen, Denmark.*

Hierarchical multicriteria decision analysis. Galicia and Finland case study (WP5). *Janni Kunttu, University of Helsinki, Finland, and Blasius Schmid, University of Natural Resources BOKU, Austria.*

11:00 Coffee break

11:15 **Session 4bis. Workshop. Resilience assessment.**

How the Galician sector can adapt to climate change

Table 1. Forest management

Table 2. Solid wood industry

Table 3. Other industries

12:45 **Round table. The hardwoods industry in Galicia**

Maderas Gayoso, Maderbar, Nefab, Asociación Labra

13:30 Lunch

14:45 **Technical visit to the Maderas Gayoso sawmill**

17:30 End of the day

Friday March 1

09:30 Reception of attendees

09:45 **Session 5. Digitalization**

NOTIFOR Wood mobilization. *Noelia Méndez, Lugo-Madera.*

FORTRA Forest traceability. *Isabel Puentes, Galician Agency for Forest-based Industry.*



SYNERGY Operations and forest management. *Hugo Rodríguez, AMETLAM.*

TRAZAMAD Wood transportation traceability. *Carlos Iglesias, FINSA.*

11:15 *Coffee break*

11:45 **Session 6. Regional strategies for hardwoods in Europe**

Evolution of the hardwood market in Europe. *Maria Kiefer-Polz, European Sawmill Organization EOS (online).*

Results of projects valorization of small-size hardwoods in France. *Véronique Vela Rodriguez, Ministry of Agriculture and Food Sovereignty, France.*

Valorization project and local processing of hardwoods in Wallonia (Belgium). *Vincent Defays, Filière Bois Wallonie.*

Valorization project of hardwoods in Navarre. *Fermín Olabe, Department of Rural Development and Environment of Navarre.*

13:15 **Institutional closing**

13:30 **Cocktail**