RESONATE
Resilient Forests for Society

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News:

Reserach for more resilient value chains

Does your business rely on primary (e.g. wood logs) or secondary, already processed forest products? If that is the case, you might already see your activities impacted by climate change and increasing forest disturbances, and/or changing consumers' demands. In the RESONATE project, our researchers investigate the resilience of our forests and related value chains. Based on the results we will in 2024/25 develop recommendations on how the market/industry can better cope with current and future market disruptions. But if you check out our new flyer, you can read our first observations prepared for our events at the international LIGNA fair: LIGNA_FLYER.pdf (resonateforest.org)

Panel discussion at LIGNA Fair main stage

Climate change poses a threat to European Forests. As a result, disturbances like windstorms, fires and bark beetle outbreaks are increasing. What does this mean for the wood value chain? What can the forest industry do to boost the resilience of European forests, and what innovations are needed in the value chain? In our panel at the international LIGNA Fair, we discussed these questions with 3 experts: Annechien Hoeben from the RESONATE project (Resilience research, University of Graz), Dominik Wolfschütz (VDMA e.V. Woodworking Machinery) and Timo Gelzhäuser (Gelzhäuser Forst), moderated by Gesche Schifferdecker (European Forest Institute, RESONATE Communications manager).

High level panel at LIGNA fair explored better collaboration between wood value chain actors

On Tuesday 16th of June 2023, Gesche Schifferdecker (RESONATE's Comms Manager) moderated a panel organized by the German Forestry Council and Wald und Holz NRW, with high level participation of the State Secretary of North Rhine Westphalia, the German Forestry Council, representatives of woodworking machinery, the sawmill industry, the Thünen Institute, and more. The panel focused on the challenges climate change and the current forest damages pose for the forest and wood cluster, and on the transformation towards a modern, resource-efficient and climate-neutral economy which is creating increased demand and new potential for wood as a raw material. The panelists were also encouraged to draw conclusions on how the value chain can collaborate better to be better prepared for climate change and disturbances. Read more.

Photo by Wald und Holz NRW / pk-Media

Research:

Please fill in our stakeholder survey!

Part of our work in H2020 RESONATE is to generate the needed knowledge and practices for making European forest value chains more resilient to future climate change and disturbances.
In RESONATE's work package 3, we have developed a survey in 7 languages to be carried out amongst stakeholders working along the forest value chain and governing authorities. In the survey, we ask you questions about your preferences for climate change adaptation measures along the forest value chains. We would be very grateful if you could spare some time (15 minutes) to fill in our survey!

New paper on European roundwood prices in the era of natural disturbances

RESONATE researchers recently published the paper “Resilient forest-based value chains? Econometric analysis of roundwood prices in five European countries in the era of natural disturbances” in the Forest Policy and Economics journal. Check out the paper:

Raphael Asada, Elias Hurmekoski, Annechien Dirkje Hoeben, Marco Patacca, Tobias Stern, Anne Toppinen (2023): Resilient forest-based value chains? Econometric analysis of roundwood prices in five European countries in the era of natural disturbances. Forest Policy and Economics, Volume 153, August 2023, 102975. DOI: https://doi.org/10.1016/j.forpol.2023.102975

Announcement of FORWARDS grants on climate smart forestry

FORWARDS is an EU-funded project that will prototype The ForestWard Observatory, a pan-European monitoring and evaluation tool that will help in demonstrating the impact of climate change on forests, guiding decision-making for practical forest management. Five projects for building new climate-smart forest and forest restoration trials will be supported in the first round of calls by FORWARDS, with a total grant value of EUR 700,000 with a single grant value of maximum EUR 150,000. By the end of July, the application window for this grant call will be opened by EFI – the European Forest Institute. Read more.

Policy recommendations:

New policy brief on increased forest disturbances

Based on their recently published paper, RESONATE researchers Marco Patacca (Wageningen Research), Marcus Lindner (RESONATE Coordinator, EFI) and Gert-Jan Nabuurs (Wageningen Research) together with European Forest Institute's Policy Support Facility and Mart-Jan Schelhaas (Wageningen Research) developed this policy brief, reporting significant increase in forest disturbances since 1950s. The policy brief also refers to a second paper published by RESONATE.

Blogposts, videos and recommended readings:

Ash dieback and its consequences on genetic diversity

The EUFORGEN Secretariat organised in February a webinar series entitled “Biotic outbreak management of the Genetic Conservation Units Network: case study on ash dieback”, which consisted of three online sessions open to the public. The virtual sessions featured a panel of researchers and scientific experts to examine the specific problem of ash dieback in Europe from different angles.

New anthology: Boreal Forests in the Face of Climate Change

This new open-access, multidisciplinary book launched by Springer gathers contributions from 148 authors on current issues, paradigms and previously neglected challenges related to boreal forest management in the face of climate change. It has a chapter on silvicultural tools to promote forest resilience and explores a new conceptual framework for climate change evaluation. It can be downloaded for free at the Springer website.

Video: “Oak Resilience”: investigating ecological measures to combat oak decline

How can we make oaks more resilient? The “Oak Resilience” project looks into predatory parasites (called parasitoids), natural antagonists of insects feeding on leaves, and important regulatory force in the ecosystem biodiversity. The project is led by Wald und Holz NRW and funded by the FNR (Agency for Renewable Resources). Watch this video to get an introduction to the project!

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