

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 862681.

ROSEWOOD4.0

FOREST4EU Webinar on Knowledge Repositories

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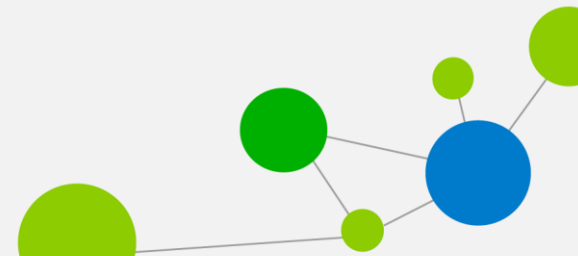
PROJECT BACKGROUND

Digital solutions and knowledge transfer for sustainable Wood mobilisation in Europe

- Wood can play a vital role in the development of a new **circular bioeconomy**.
- Promotion and innovation in wood value chains contribute to **enhanced competitiveness of the forest industry** and to vital development in rural areas within the European bioeconomy.



Photo: Adobe stock



ROSEWOOD4.0?

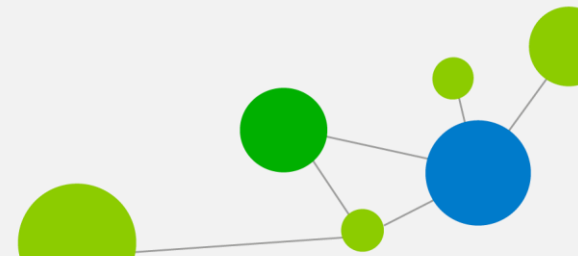
ROSEWOOD4.0 builds on the **ROSEWOOD network** of regional hubs, extending its scope to Eastern Europe.

ROSEWOOD4.0 focuses on **digitalisation** for knowledge transfer, training and coaching, enabling practitioners to share know-how with much wider impact.

The focus on digital training solutions **addresses an identified gap**, where the forestry sector lags behind in terms of adaptation and spreading of modern ICT solutions.

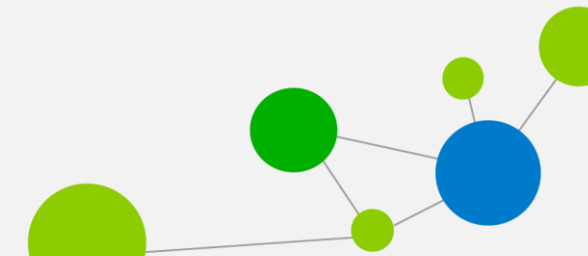
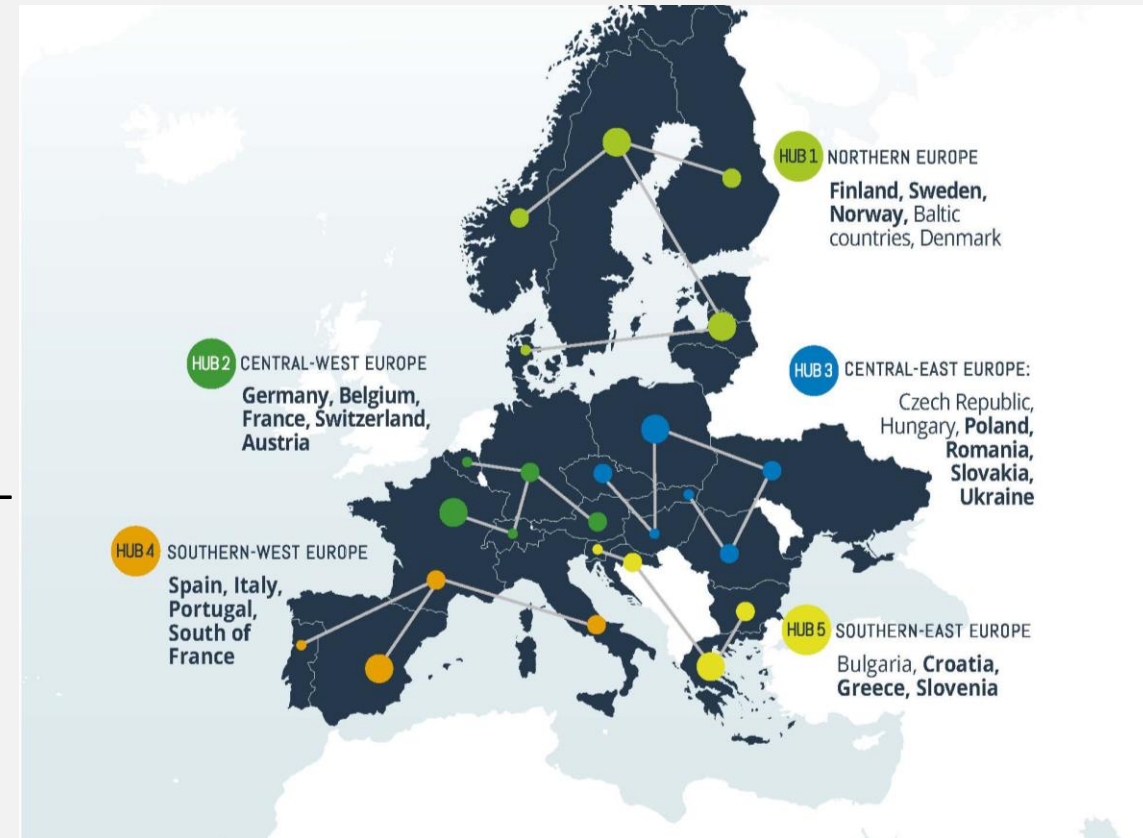


Photo: Pexels



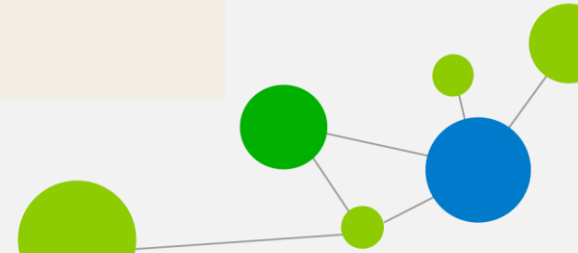
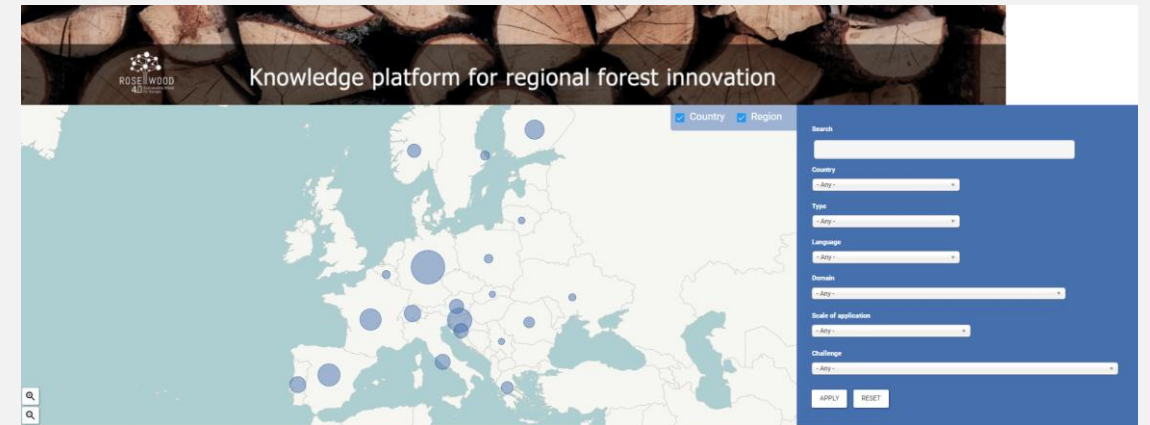
ABOUT THE PROJECT

- Duration of the project: **1/2020 – 6/2022**
- Value of the project: **2.047.901,00 EUR** (100% financed by the **Horizon2020**, European Union program for research and innovation)
- **21 partners** from **18 European countries** (partners are organized in **5 regional Hubs** – Northern Europe, Central-East Europe, South-East Europe, South-Western Europe, Central-West Europe)
- **Coordinator** of the project is Steinbeis 2i GmbH (Germany)



BEST PRACTICES

- ROSEWOOD4.0 project - **459 best practice and innovation examples**
- Best practices and innovations are available on **Knowledge platform for regional forest innovation**:
<https://www.forestinnovationhubs.rosewood-network.eu/>
- **31 best practice** from SEE Hub in the field of forestry and wood industry digitalisation
- Platform is **free to use**



BEST PRACTICES

- **25 videos of best practices and innovations**
- Audiovisual section of the ROSEWOOD4.0 project offers video productions related to our ROSEWOOD network of partners and regional hubs throughout Europe.
- Best practices and innovations videos are available on **Knowledge platform for regional forest innovation: [R4.0 network videos](#)** and **[R4.0 youtube.com/channel](#)**

ROSEWOOD4.0

About | Partners | Deliverables | Former Project | Contact

Hubs Resources News & Media Events

VIDEOS

This is the audiovisual section of the ROSEWOOD4.0 project. Here we will offer you all the video productions related to our ROSEWOOD network of partners and regional hubs throughout Europe.

You can subscribe now to our [Youtube channel](#) so you do not miss any update.

Best Practice & Innovation - SISREP (Spain)
February 16, 2022
ROSEWOOD4.0 presents in this video a new example of innovative...
[Read more >](#)

Featuring at EIP-AGRI Seminar: Turning forest innovation into practice
January 24, 2022
More than 150 people participated in the EIP-AGRI seminar on...
[Read more >](#)

Best Practice & Innovation - Skogkurs: Forestry Extension Institute (Norway)
January 17, 2022
Skogkurs aims to be the common body for competition in...
[Read more >](#)

CENTRAL EAST HUB

- Best Practice & Innovation - Electronic Timber Tracking (Ukraine)**
December 16, 2021 - 12:26 pm
- Study visits support knowledge transfer in ROSEWOOD4.0**
November 17, 2021 - 11:53 am

CENTRAL WEST HUB

- ROSEWOOD4.0 in Forexpo 2021**
October 30, 2021 - 4:17 pm
- Best Practice & Innovation - Forest and Wood 4.0 Competence Center (Germany)**
October 18, 2021 - 3:48 pm

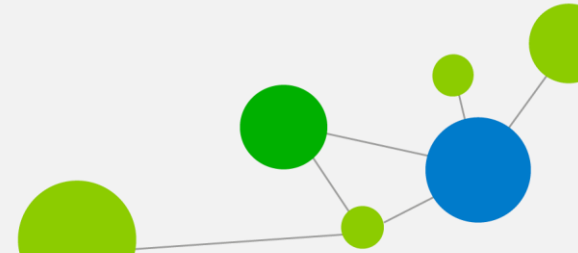
NORTHERN HUB

- Best Practice & Innovation - Skogkurs: Forestry Extension Institute (Norway)**



SEE Hub ROADMAP

- Project deliverables - **5 Hub interregional Roadmaps** and **one cross-regional Roadmap** for the targeted transfer of best practices and innovations
- **Main aim** of Roadmaps is analysis of the main difficulties in 5 European Regions and clear vision for regional improvements toward sustainable wood mobilization.
- The Roadmaps are a key result of Hub-mediated dialogue between experts, practitioners and stakeholders of the forestry and wood sector.
- SEE Hub partners finalized SWOT analysis, preselected BPs and matched regional needs with BPs from other regions which are inputs for interregional Roadmap.
- <https://rosewood-network.eu/resources/roadmaps/>



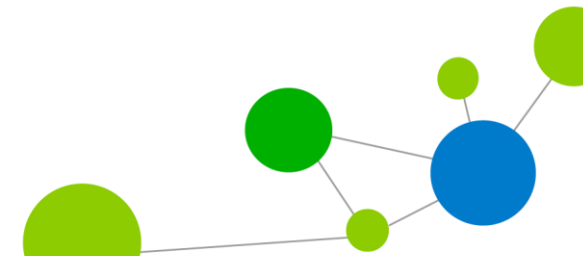
BUSINESS IDEA CREATION

Hubs selected **one BPI** or **new idea** emerging from **gaps** detected in the **Roadmap**

3 Business Idea Creation workshops - Best practice owners and project partners presented their practices in order to enable a cross-regional practitioner-to-practitioner exchange.

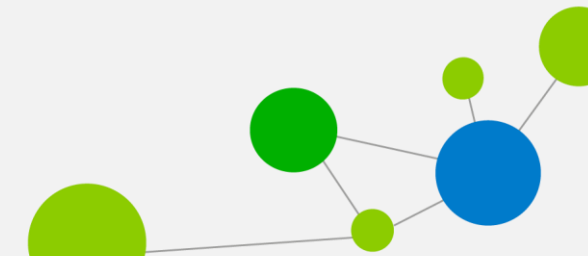
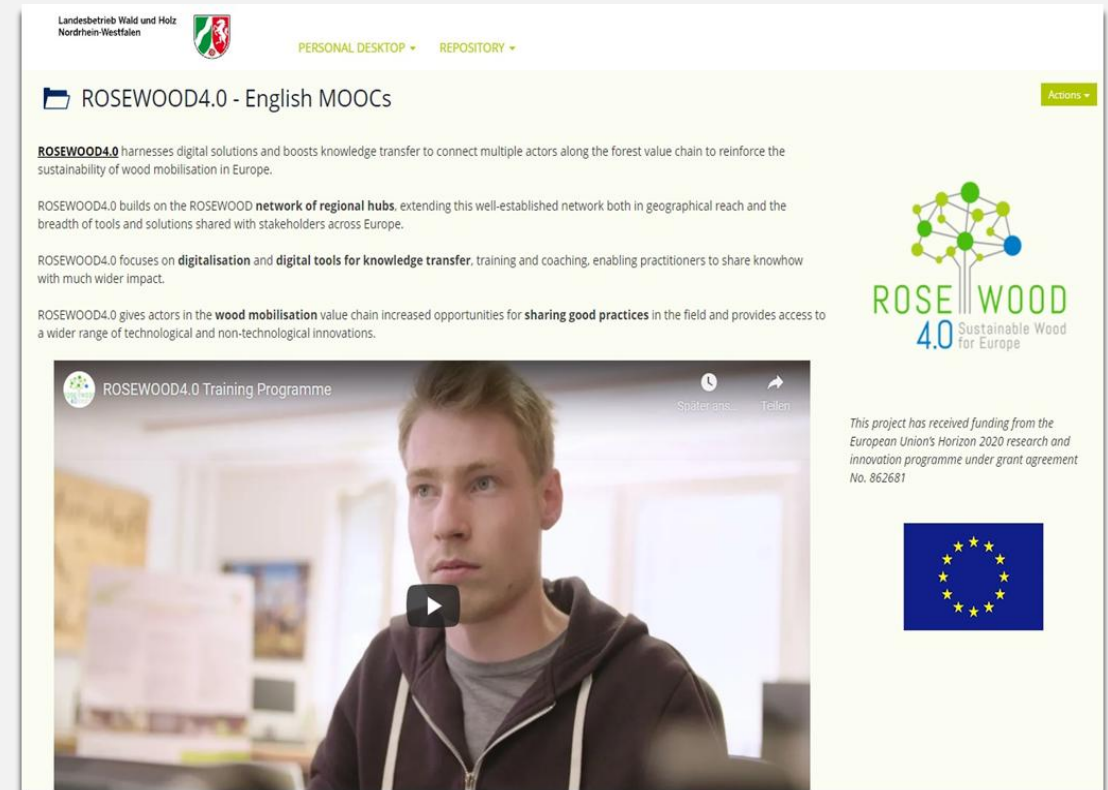
SEE Hub preselected **3 gaps** detected in the Roadmap (SWOT analysis) and preselected **BPs from other Hubs** that have potential to **resolve identified gaps**.

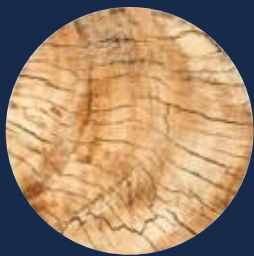
Selected gaps	Selected BPIs to solve the gap
Gap 1: Lack of skilled professionals and interest to implement modern technologies (ICT)	BPI 1 for Gap 1: School of forestry (Norway)
	BPI 2 for Gap 1: Ingenious material (Austria)
	BPI 3 for Gap 1: The Forestry Extension Institute (Norway)
Gap 2: Lack of small PFO's interest in forests and forest management	BPI 1 for Gap 2: HolzmobRegio (Austria)
	BPI 2 for Gap 2: Forest becomes mobile initiative (Germany)
	BPI 3 for Gap 2: Climate Smart Forestry-Innovation (Finland)
Gap 3: Insufficient level of awareness and lack of knowledge about the importance of recycling	BPI 1 for Gap 3: Biomass trading centres calculation tool (Austria)
	BPI 2 for Gap 3: Ydalir district (Norway)



ONLINE COURSES

- Training programs **MOOCs** (Massive Open Online Courses) containing webinars and videos are developed.
- MOOC Themes are **Digital Support for Efficient Harvesting Operations, Digital Tools for Climate-adapted Reforestation, Managing Hardwood - Perspectives for New Forest Owners.**
- MOOCs are **free to use** and available at: <https://rosewood-network.eu/resources/training/>
- Simple registration needed





ROSEWOOD4.0

<https://rosewood-network.eu/>



Competence Centre Ltd.
for research and development



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