

# National Forest Inventory



**ROSEWOOD**  
**4.0** Sustainable Wood  
for Europe

*A systematic sample-based survey of the Norwegian forest, providing vital resource and environmental data for the whole country. It records information about growing stock and annual increment, and operating and environmental conditions.*

The National Forest Inventory (NFI) started in 1919, triggered by concern and uncertainty about the conditions of the forests.

The scheme is based on a network of permanent sample plots, distributed in a grid across all of Norway – on both forested and unforested land. The plots are re-measured on a five-year rotation. On plots located on forest land or other land types with tree cover, all trees growing within a 250 m<sup>2</sup> plot are measured with their coordinates included, thus enabling time-series to be established at the tree level. In addition to stand volume, increment and tree species, a range of parameters are measured to provide information about e.g. site productivity, stand structure, forest health, forest

operation conditions, and biological diversity.

The data serves as an important basis for national forest policy development and are used by both Governmental bodies and other public administration, as well as by the forest industry, research and teaching purposes, and national and international reporting. Also, development and testing of remote sensing applications is an important field of research within the NFI. The content of the inventory is regularly updated to meet new demands from the society.

## DETAILS

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HERKUNFT DES HOLZES	MOBILISIERUNGSPOTENZIAL
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ART DES HOLZES	POTENZIAL FÜR NACHHALTIGKEIT - WERT
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ART DES BETROFFENEN HOLZES	LEICHTE IMPLEMENTIERUNG
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AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT	LEICHTE IMPLEMENTIERUNG - BEWERTUNG
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EINKOMMENSEFFEKT	WICHTIGE VORAUSSETZUNGEN
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VERWERTUNGSPOTENZIAL	ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE
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NABE	ARBEITSPLATZEFFEKT
Nördliches Drehkreuz	--
WIRTSCHAFTLICHE AUSWIRKUNGEN	KOSTEN DER IMPLEMENTIERUNG (EURO - €)
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SPEZIFISCHES WISSEN ERFORDERLICH	
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## MEHR DETAILS

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ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
3. Aktivierung von Privateigentümern und kooperativer Waldbewirtschaftung	Bestandsaufnahme, Bewertung, Überwachung	Modellierung, DSS, Simulation, Optimierung
SCHLÜSSELWÖRTER	DIGITALE LÖSUNG	INNOVATION
Forest inventory; resources; development	Nein	Nein
HERKUNFTSLAND	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
Norwegen	National	--

## KONTAKTDATEN

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<a href="https://www.nibio.no/en/subjects/forest/national-forest-inventory">https://www.nibio.no/en/subjects/forest/national-forest-inventory</a>	

## REFERENCES AND RESOURCES

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HAUPT-WEBSITE	RESSOURCEN
<a href="https://www.nibio.no/en/subjects/forest/national-forest-inventory">https://www.nibio.no/en/subjects/forest/national-forest-inventory</a>	--
PROJEKT-WEBSITE	
<a href="https://www.nibio.no/en/about-eng/our-divisions/division-of-forestry-and-forest-resources/national-forest-inventory">https://www.nibio.no/en/about-eng/our-divisions/division-of-forestry-and-forest-resources/national-forest-inventory</a>	
PROJEKT-REFERENZ	
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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

12 Aug. 2021

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[Link to Rosewood 4.0](#)



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

862681

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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