

# 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.

## DETTAGLI

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ORIGINE DEL LEGNO	POTENZIALE DI MOBILITAZIONE
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TIPO DI LEGNO	POTENZIALE SOSTENIBILITÀ - VALORE
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TIPO DI LEGNO IN QUESTIONE	FACILITÀ DI IMPLEMENTAZIONE
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IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ	FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE
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EFFETTO SUL REDDITO	PREREQUISITI CHIAVE
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POTENZIALE DI SFRUTTAMENTO	TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO
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HUB Polo Nord	EFFETTO SUL LAVORO
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IMPATTO ECONOMICO	I COSTI DI ATTUAZIONE (EURO - €)
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CONOSCENZE SPECIFICHE NECESSARIE	
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## PIÙ DETTAGLI

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SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
3. privati attivare e gestione delle foreste cooperativa	Inventario, la valutazione, il monitoraggio	Modellazione, DSS, la simulazione, l'ottimizzazione
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
Forest inventory; resources; development	No	No
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Norvegia	Nazionale	--

## CONTATTI

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PROPRIETARIO O AUTORE	REPORTER
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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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SITO PRINCIPALE	RISORSE
<a href="https://www.nibio.no/en/subjects/forest/national-forest-inventory">https://www.nibio.no/en/subjects/forest/national-forest-inventory</a>	--
SITO WEB DEL PROGETTO	
<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>	

## PROGETTO DI RIFERIMENTO

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PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

12 Ago 2021

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