

# National Forest Inventory



*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.

## DETALII

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SURSA DE LEMN

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TIPUL DE LEMN

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TIPUL DE LEMN ÎN CAUZĂ

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IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

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EFFECT ASUPRA VENITURILOR

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POTENȚIAL DE EXPLOATARE

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HUB

Hub-ul de Nord

IMPACT ECONOMIC

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CUNOȘTINȚE SPECIFICE NECESARE

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POTENȚIALUL DE MOBILIZARE

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POTENȚIAL DE SUSTENABILITATE - VALOARE

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FACILITATEA DE IMPLEMENTARE

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FACILITATEA DE IMPLEMENTARE - EVALUARE

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CONDIȚII CHEIE PREALABILE

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TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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EFFECT ASUPRA LOCURILOR DE MUNCĂ

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COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

3. Activarea proprietarilor privați și a cooperativelor de gestionare a pădurilor

### DOMAIN

Inventariere, evaluare, monitorizare

### TIP DE SOLUȚIE

Modelare, DSS, simulare, optimizare

### CUVINTE CHEIE

Forest inventory; resources; development

### SOLUȚIE DIGITALĂ

Nu

### INOVAȚIE

Nu

### ȚARA DE ORIGINE

Norvegia

### SCARA DE APLICARE

Național

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

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## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

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### REPORTER

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## REFERENCES AND RESOURCES

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### PAGINĂ WEB

<https://www.nibio.no/en/subjects/forest/national-forest-inventory>

### RESURSE

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### WEBSITE PROJECT

<https://www.nibio.no/en/about-eng/our-divisions/division-of-forestry-and-forest-resources/national-forest-inventory>

### REFERINȚĂ PROIECT

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## PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ

Rosewood 4.0

## DATA POSTĂRII

12 Aug 2021

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## A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

