

# 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.

## DETALHES

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ORIGEM DA MADEIRA

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TIPO DE MADEIRA

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TIPO DE MADEIRA EM CAUSA

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IMPACTE NO AMBIENTE E BIODIVERSIDADE

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IMPACTE NAS RECEITAS

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POTENCIAL DE EXPLORAÇÃO

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HUB

Pólo Norte

IMPACTE ECONOMICO

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CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

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POTENCIAL DE MOBILIZAÇÃO

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SUSTENTABILIDADE POTENCIAL - VALOR

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FACILIDADE DE IMPLEMENTAÇÃO

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FACILIDADE DE IMPLEMENTAÇÃO

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PRE-REQUISITOS CHAVE

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TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

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IMPACTE NO EMPREGO

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CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

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## MAIS DETALHES

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### DESAFIO ABORDADO

3. Motivar os proprietários privados e a gestão florestal cooperativa

### PALAVRAS-CHAVE

Forest inventory; resources; development

### PAÍS DE ORIGEM

Noruega

### DOMÍNIO

Inventário, avaliação e monitorização

### SOLUÇÃO DIGITAL

Não

### ESCALA DE APLICAÇÃO

Nacional

### TIPO DE SOLUÇÃO

Modelação, sistemas de apoio à decisão, simulação, optimização

### INOVAÇÃO

Não

### ANO DE INÍCIO E FIM

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## DADOS DE CONTACTO

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### PROPRIETÁRIO OU AUTOR

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

### REPÓRTER

Tretorget Ltd

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## REFERENCES AND RESOURCES

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### WEBSITE PRINCIPAL

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

### WEBSITE DO PROJETO

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

### REFERÊNCIA AO PROJETO

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### RECURSOS

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PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

