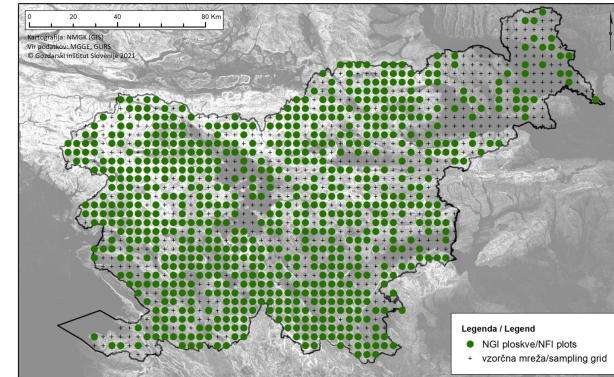


# National Forestry Inventory



## NFI

### *Monitoring of state and development of Slovenian forests*

Within National Forest Inventory (NFI) forests of Slovenia are monitored and measured. NFI provides extensive and in depth survey of all slovenia forests, including informations about composition, condition, distribution and size of our forests. It is of great importance for monitoring changes of forests through time, for developing suitable policy measures and for further support of sustainable management of forests. The basis for the inventory is a systematic sample of plots on a 4km x 4km grid. The selection of inventory plots is based on the use of lidar and aerial images. With their help, plots that are not located in the forest are eliminated, and they are also helpful in assesment of forests at inaccessible plots. A special data acquisition application was developed for the purpose of field inventory. This guides the enumerator through the inventory process, and at the same time the data is already digitized and ready for further processing. The application is also connected to a GPE device, which allows the precise determination of the sampling point.

## DETAILS

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### ORIGIN OF WOOD

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### TYPE OF WOOD

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### KIND OF WOOD CONCERNED

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### IMPACT ON ENVIRONMENT & BIODIVERSITY

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### INCOME EFFECT

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### EXPLOITATION POTENTIAL

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### HUB

South-East Hub

### ECONOMIC IMPACT

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### SPECIFIC KNOWLEDGE NEEDED

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### MOBILIZATION POTENTIAL

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### SUSTAINABILITY POTENTIAL - VALUE

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### EASE OF IMPLEMENTATION

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### EASE OF IMPLEMENTATION - EVALUATION

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### KEY PREREQUISITES

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### TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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### JOB EFFECT

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### COSTS OF IMPLEMENTATION ( EURO - € )

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## MORE DETAILS

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### CHALLENGE ADDRESSED

7.- Raise public awareness, social acceptance and political support for forestry

### KEYWORDS

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### COUNTRY OF ORIGIN

Slovenia

### DOMAIN

Forest management, ecosystem, resilience  
Forest disturbances, risks

### DIGITAL SOLUTION

Yes

### SCALE OF APPLICATION

National

### TYPE OF SOLUTION

Design software

### INNOVATION

Yes

### START AND END YEAR

2000 -

## CONTACT DATA

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### OWNER OR AUTHOR

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<https://www.gozdis.si/oddelek-za-nacrtovanje-in-monitoring-gozdov-in-krajine/>

### REPORTER

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## REFERENCES AND RESOURCES

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### MAIN WEBSITE

[https://www.gozdis.si/Nacionalna-gozdna-inventura\\_1/](https://www.gozdis.si/Nacionalna-gozdna-inventura_1/)

### PROJECT WEBSITE

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### PROJECT REFERENCE

<https://dirros.openscience.si/lzpisGradiva.php?id=14428&lang=eng>

### RESOURCES

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LOGO OF BEST PRACTICE

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LOGO OF MAIN ORGANIZATION

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

14 Sep 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

