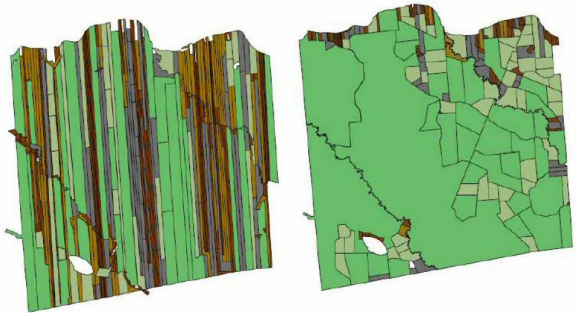
# Forest estate arrangements



The fragmented ownership structure is one of the main challenges of wood mobilization in Europe. In Finland, 4 million hectares of forest area are in need of forest arrangements. Small-sized, dispersed forest property with difficult access to forests results in high costs for timber harvesting per hectare. Forest management and harvesting are more difficult in small estates since boundaries and forest vehicle paths take up most of the estate.

Through the process of forest estate arrangements, it is possible to form bigger forest estates for cost efficiency.  Arrangements can be made by changing estates among forest owners to shape the size and form of the forest estate. The arrangements might need trading forest estates.  A new forest consolidation and forest conservation are possible also. Forest road network and drainage need to be adapted for the new situation. The process takes usually 3-6 years depending on the area.

Forest estate arrangements lead to bigger forest estates units, which contribute to better forest management and harvesting. Forest owners become more active in taking care of their forests and forestry companies are more interested in mobilizing wood from better harvesting conditions and easier access to forest.
To gain the benefits, more discussion and communication are needed around forest estates. Forest owners need to be activated in taking action concerning the arrangements of their forests.

Bigger forest estates with easier access to forest property.
Better conditions for harvesting.
Cost-efficiency in harvesting and forest regeneration.
Active management of forests.
Easier management of forests.
Increased forest growth.
Tax relief and financial support for forest owners.

## DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Stemwood, energy wood

IMPACT ON ENVIRONMENT & BIODIVERSITY

Easier access to forest estate, less impact on soil and biodiversity

INCOME EFFECT

Positive

EXPLOITATION POTENTIAL

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HUB

Northern Hub

ECONOMIC IMPACT

Less costs of harvesting, easier access to forest property, easier management, tax relief

SPECIFIC KNOWLEDGE NEEDED

MOBILIZATION POTENTIAL

High

SUSTAINABILITY POTENTIAL - VALUE

Positive

EASE OF IMPLEMENTATION

Medium

EASE OF IMPLEMENTATION - EVALUATION

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KEY PREREQUISITES

Requires access to forest estate information and co-operation of different stakeholders, including authorities.

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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JOB EFFECT

Positive

COSTS OF IMPLEMENTATION ( EURO - € )

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Knowledge of possibilities of joint ownership, informing forest owners.

## MORE DETAILS

CHALLENGE ADDRESSED

3.- Activate private owners and cooperative forest management

DOMAIN

Ownership, cooperation

TYPE OF SOLUTION

Advice and services for forest owners

KEYWORDS

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DIGITAL SOLUTION

No

INNOVATION

No

COUNTRY OF ORIGIN

Finland

SCALE OF APPLICATION

National

START AND END YEAR

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## CONTACT DATA

OWNER OR AUTHOR

**Maanmittauslaitos**

REPORTER

## REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.maanmittauslaitos.fi/huoneistot-ja-kiinteistot/maanmittauspalvelut/tilusjarjestely

RESOURCES

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PROJECT WEBSITE

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PROJECT REFERENCE

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## PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

## POST DATE

17 Sep 2019

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Link to Rosewood 4.0

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