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Net4Forest - Network of knowledge for efficient private forests

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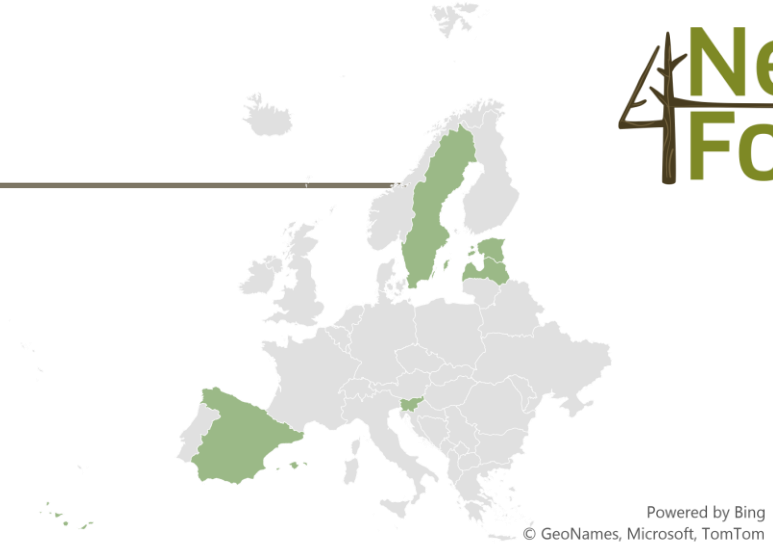
Project consortium



- ✓ Slovenian forestry instittute (SFI);
- ✓ Foundation Centre for Support of Forest Owner Cooperation (Latvia),
- ✓ Estonian Private Forest Centre (Estonia),
- ✓ Swedish University of Agricultural Sciences (Sweden),
- ✓ Forest Science and Technology Centre of Catalonia (Spain).

Project idea

Improving of forest management decisions in private forestry has proved to be a challenge, as holdings are small, forest owners in most cases are not professionals and forestry incomes are not their main incomes.

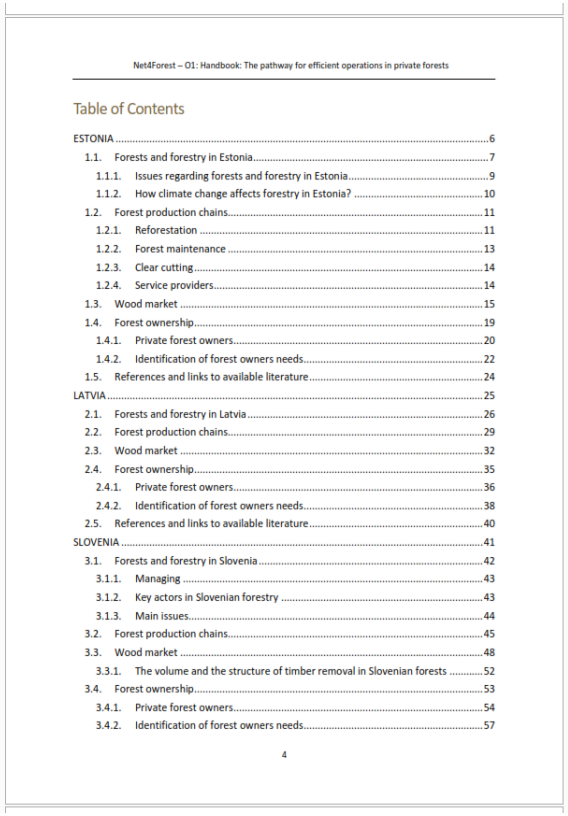
Joining forces and experiences from several countries would enable better understanding about the best ways and methods to get the desired knowledge to those who need it.

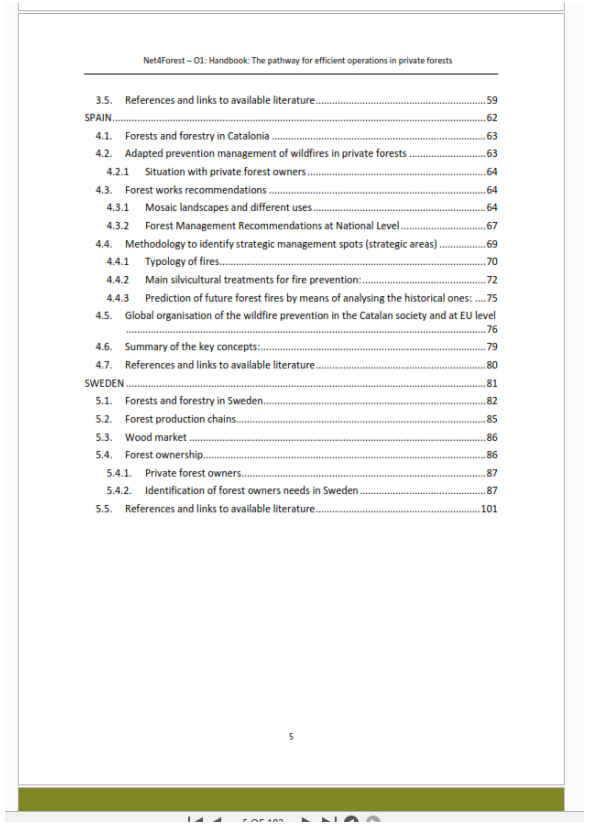
1st step: Understanding the forest owner's needs and identification of specific barriers

2nd step: looking for solutions and preparation of guidelines to support forest owners in overcoming this barriers

3rd step: Development of practical tools and collecting of feedbacks from possible users

O1 - Handbook “The pathway for efficient operations in private forests“





O2 - Hands -on Guidelines

5 different Toolkits

SLOVENIA

Onine tool for quality classification of round-wood

net4forest.gozdis.si

The online tool for quality classification of round-wood is intended for all users who want to conveniently determine the quality of round-wood and at the same time gain knowledge about the evaluation of round-wood assortments.

SPAIN

Forestry Management Joint Plan managing tool

https://www.gozdis.si/f/docs/projekti/Toolkit-PTGMFc-CTFC.pdf

Brief tool to set and apply for a FMJP which are funded by the Catalan Government and conducted by the Catalan Forestry Ownership, aiming at implementing jointly actions beyond private land limits to low profitability forest. Fire prevention and forestry management techniques need to be aligned with orography, type of forest, accesses and uses for an entire region beyond property limits. These plans help owners to manage their forests wisely against threats by saving management expenses at the same time.

SWEDEN

Calculation model for a forest vehicle's average ground pressure

www.slu.se/institutioner/skogsmastarskolan/forskning/net4forest/

This calculation model for a forest vehicle's average ground pressure is based on rough assumptions, but is nevertheless a useful tool for gaining insight into a forest vehicle's impact on the ground. The model calculates the ground pressure separately for the front and rear section of a vehicle. This calculation tool is designed for forwarders, but can also be applied sensibly to other forest vehicles.

LATVIA

Felling value calculation model

www.mezsaimnieks.lv/jaunumi/erasmus-projekts-network-of-knowledge-for-efficient-private-forests/

To help forest owners make decisions about starting economic activity on their properties, they have developed a simplified felling value calculation model. In it, the plot number, area, stock per hectare and its distribution by tree species must be entered as input data from the plot description. In addition, in the model must be entered the percentage distribution of the stock by assortments (according to the visual assessment in nature), the price of delivered assortments (at the buyer), sawing, delivery and average export costs (timber truck service).

ESTONIA

Tutorial videos about using drones and miniharvesters in forestry

Videos are in Estonian language with English subtitles.

Miniharvesters

youtu.be/_DOo1uFD9I8

Drones

youtu.be/6TbpZhY1K8g

GOOD PRACTICE EXAMPLES

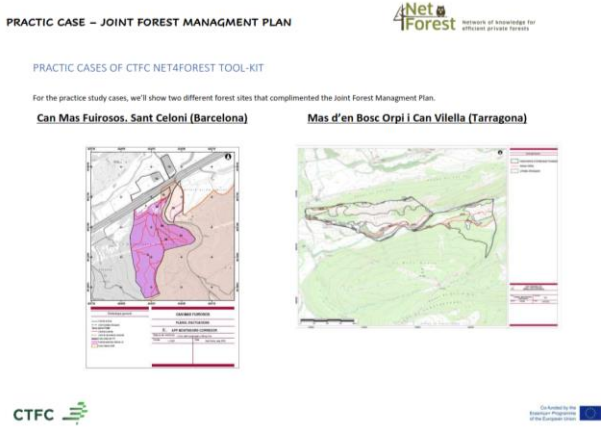
In this project, we prepared several interesting examples in optimization of forest operations, including:

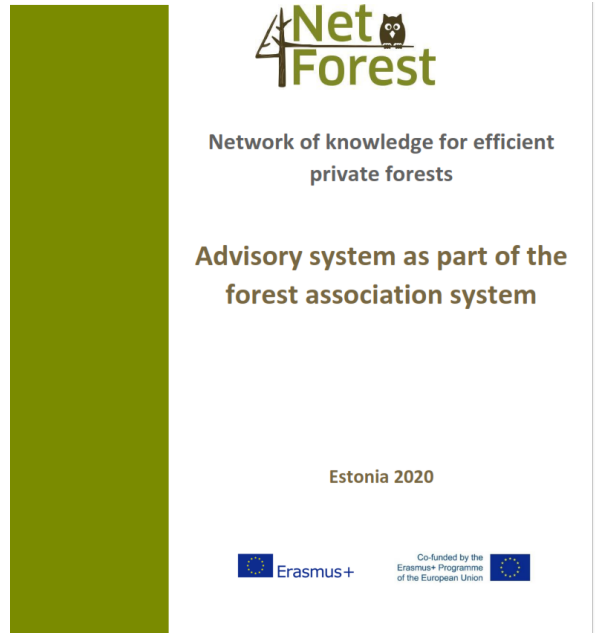
- Fully mechanized thinning in small diameter stands
- Joint sale of wood
- Mechanized Direct Seeding
- Co-operation of Forest-owners ...

All good practice examples are available here:

www.gozdis.si/projekti/net4forest

O4 - Good practice examples in optimization of forest operations





Organized local events

Net Forest

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Thank you!

https://www.gozdis.si/projekti/net4forest/