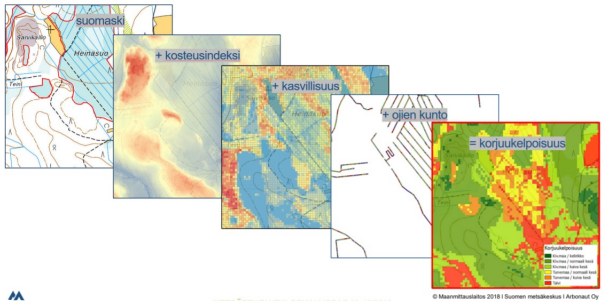
Harvesting capacity maps



The Best Practice is addressing the challenge of soft terrains in harvesting.

It eases planning of harvesting locations and anticipating of harvesting of different forested areas. It considers only the static features of forest, not daily weather for example. However, bearing capacity in three different summer moisture condition classes is considered in the maps.

The material of the mainland Finland harvesting maps contains rasterized harvesting maps describing the terrain's bearing capacity. The capacity is classified in six categories. The maps tell when it is possible to go into the forest with the harvester. The material is free to use.

DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Stemwood

IMPACT ON ENVIRONMENT & BIODIVERSITY

Very positive/protects terrain

INCOME EFFECT

Positive

EXPLOITATION POTENTIAL

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HUB

Northern Hub

ECONOMIC IMPACT

Medium

SPECIFIC KNOWLEDGE NEEDED

IT-tool and silvicultural knowledge needed

MOBILIZATION POTENTIAL

Not possible to assess

SUSTAINABILITY POTENTIAL - VALUE

Positive

EASE OF IMPLEMENTATION

Medium

EASE OF IMPLEMENTATION - EVALUATION

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KEY PREREQUISITES

Involving relevant stakeholders

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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JOB EFFECT

Positive

COSTS OF IMPLEMENTATION (EURO - €)

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MORE DETAILS

CHALLENGE ADDRESSED

5.- Enhance economic and environmental performance of forest supply chains

DOMAIN

Harvesting, infrastructure, logistics

TYPE OF SOLUTION

Sensors, measurement equipment

KEYWORDS

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DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

Finland

SCALE OF APPLICATION

National

START AND END YEAR

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CONTACT DATA

OWNER OR AUTHOR

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https://www.metsakeskus.fi/en

REPORTER

REFERENCES AND RESOURCES

MAIN WEBSITE

https://metsakeskus.maps.arcgis.com/apps/webappviewer

PROJECT WEBSITE

https://www.metsateho.fi/wp-content/uploads/Tuloskalvosarja_2019_15_Korjuukelpoisuuskartat_suunnittelun_tukena.pdf

PROJECT REFERENCE

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RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

POST DATE

27 Sep 2019

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY