

Forest road network



The Finnish forest road network (150 000 km) gives value not only to forestry but enhances recreational utilization of forests and serves for preventing forest fires and for rescue services. It contributes also to putting out fires if needed. Half of the private roads in Finland are forest roads. Forest roads allow access to forest assets all over Finland.

The forest road networks enable efficient wood procurement from forests. Access to forests is easier and the long-distance transportation is simple. Distances to forests are shorter and in the countryside, forest roads are used for other transportation as well and as links between villages. The recreational users (berry picking, hunting) benefit from roads also.

It is important to keep the road clear of bushes and prevent water from resting on the road. Heavy vehicles are not allowed to utilize the roads during frost heave. Constant maintenance of forest road network and the connected road networks and bridges would be essential, since roads have been built lightly and cost-efficiently.

In the forest road maintenance, utilization of side streams from forest industry, heat plants and mines, for example, would advance actions or circular economy and contribute to preventing emissions and waste.

Heavier vehicles require constant maintenance of forest roads. New method for maintenance need to be applied as well. Mild winters and rainy summers add to the need for maintenance.

DETALHES

ORIGEM DA MADEIRA

Floresta

TIPO DE MADEIRA

Tronco

POTENCIAL DE MOBILIZAÇÃO

High

SUSTENTABILIDADE POTENCIAL - VALOR

--

TIPO DE MADEIRA EM CAUSA

Stemwood, energy wood

FACILIDADE DE IMPLEMENTAÇÃO

Easy

IMPACTE NO AMBIENTE E BIODIVERSIDADE

Might have effected to environment: species and water environments

FACILIDADE DE IMPLEMENTAÇÃO

--

IMPACTE NAS RECEITAS

Positive

PRE-REQUISITOS CHAVE

Participation of each relevant stakeholders.

POTENCIAL DE EXPLORAÇÃO

--

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

--

HUB

Pólo Norte

IMPACTE NO EMPREGO

Positive

IMPACTE ECONOMICO

Enabling wood procurement: easier access to forest resources.

CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

--

CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

"Skills in forest road planning and construction Planning of maintenance"

MAIS DETALHES

DESAFIO ABORDADO

2. Melhorar as infra-estruturas e a capacidade dos actores públicos

PALAVRAS-CHAVE

--

PAÍS DE ORIGEM

Finlândia

DOMÍNIO

Cortes, infraestruturas e logística

SOLUÇÃO DIGITAL

Não

ESCALA DE APLICAÇÃO

Nacional

TIPO DE SOLUÇÃO

--

INOVAÇÃO

Não

ANO DE INÍCIO E FIM

--

PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood

DATA DE ENTRADA

17 Set 2019



Link to Rosewood 4.0



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



□