

CFHarvest (WoodForce) | Forestry software for loggers, forest contractors and forest companies



CFHarvest (WoodForce) is planning- and steering system for harvesting and silviculture to optimize and strengthen the supply chains of forestry. Forestry company delivers all the contracts the WoodForce-system according to the need of raw material. The contractor selects the contracts and the locations he will perform. Forest companies have decreased harvesting and average costs in Silviculture or Regeneration job types. There has been increasing productivity in the supply chain of stem wood and energy wood. Also increasing productivity in field operations in Forestry like Silviculture Harvesting Forest Services. Contractors have the ability to manage their own forestry services and receive the full benefit of all resources. Possibility to operate for multiple forest companies is important. In addition, there is less manual reporting and worksite navigation is easier. CFHarvest supports a changing trend where progressive companies now contract for several forest companies and do the planning with one system. Since the contractor understands local conditions best, forest harvesting operations become more efficient: the contractor has direct control over work plans and scheduling his own fleet of harvesters and trucks.

DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Stemwood, Above and below ground woody biomass

IMPACT ON ENVIRONMENT & BIODIVERSITY

Medium

INCOME EFFECT

Positive

EXPLOITATION POTENTIAL

--

HUB

Northern Hub

ECONOMIC IMPACT

Positive/ Less costs of harvesting

SPECIFIC KNOWLEDGE NEEDED

Digital expertise combined to forestry expertise

MOBILIZATION POTENTIAL

Not possible to assess

SUSTAINABILITY POTENTIAL - VALUE

--

EASE OF IMPLEMENTATION

Easy

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

Good communication is needed with all stakeholders

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

Positive

COSTS OF IMPLEMENTATION (EURO - €)

--

MORE DETAILS

CHALLENGE ADDRESSED

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

KEYWORDS

--

COUNTRY OF ORIGIN

Finland

DOMAIN

Forest management, ecosystem, resilience
Harvesting, infrastructure, logistics

DIGITAL SOLUTION

Yes

SCALE OF APPLICATION

Continental

TYPE OF SOLUTION

Collaboration platforms, logistical hubs

INNOVATION

Yes

START AND END YEAR

--

CONTACT DATA

OWNER OR AUTHOR

Trimble Forestry

REPORTER

woodforce@trimble.com

<https://forestry.trimble.com/>

REFERENCES AND RESOURCES

MAIN WEBSITE

<https://www.woodforce.fi/en/>

PROJECT WEBSITE

<https://forestry.trimble.com/solutions/cfharvest/>

PROJECT REFERENCE

--

RESOURCES

Trimble Forestry's WoodForce - the solution for smarter wood harvesting

LOGO OF BEST PRACTICE

LOGO OF MAIN
ORGANIZATION

WoodForce

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

POST DATE

17 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

