

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.

DÉTAILS

ORIGINE DU BOIS

Forêt

TYPE DE BOIS

Grume

TYPE DE BOIS CONCERNÉ

Stemwood, Above and below ground woody biomass

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ

Medium

EFFET SUR LE REVENU

Positive

POTENTIEL D'EXPLOITATION

--

HUB

Pôle Nord

IMPACT ÉCONOMIQUE

Positive/ Less costs of harvesting

CONNAISSANCES SPÉCIFIQUES REQUISES

Digital expertise combined to forestry expertise

POTENTIEL DE MOBILISATION

Not possible to assess

POTENTIEL DE DURABILITÉ - VALEUR

--

FACILITÉ D'IMPLÉMENTATION

Easy

FACILITÉ D'IMPLÉMENTATION - ÉVALUATION

--

PRÉREQUIS CLÉS

Good communication is needed with all stakeholders

TYPE D'ÉVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE

--

EFFET SUR L'EMPLOI

Positive

COÛTS D'IMPLÉMENTATION (EURO - €)

--

PLUS DE DÉTAILS

DÉFI CONCERNÉ	DOMAINE	TYPE DE SOLUTION
5. Accroître les performances économiques et environnementales de la chaîne logistique forestière	Gestion forestière, sylviculture, services écosystémiques, résilience Récolte, infrastructure, logistique	Plateformes de collaboration, hubs logistiques
MOTS-CLÉS	SOLUTION DIGITALE	INNOVATION
--	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DÉBUT ET FIN D'ANNÉE
Finlande	Continentale	--

INFORMATIONS DE CONTACT

PROPRIÉTAIRE OU AUTEUR

Trimble Forestry

woodforce@trimble.com

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

RAPPORTEUR

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

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

SITE WEB DU PROJET

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

RÉFÉRENCE DU PROJET

--

RESSOURCES

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

WoodForce

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRééE

Rosewood

DATE DE PUBLICATION

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

