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

HERKUNFT DES HOLZES

Wald

ART DES HOLZES

Stammholz

ART DES BETROFFENEN HOLZES

Stemwood, Above and below ground woody biomass

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

Medium

EINKOMMENSEFFEKT

Positive

VERWERTUNGSPOTENZIAL

--

NABE

Nördliches Drehkreuz

WIRTSCHAFTLICHE AUSWIRKUNGEN

Positive/ Less costs of harvesting

SPEZIFISCHES WISSEN ERFORDERLICH

Digital expertise combined to forestry expertise

MOBILISIERUNGSPOTENZIAL

Not possible to assess

POTENZIAL FüR NACHHALTIGKEIT - WERT

--

LEICHTE IMPLEMENTIERUNG

Easy

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

--

WICHTIGE VORAUSSETZUNGEN

Good communication is needed with all stakeholders

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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ARBEITSPLATZEFFEKT

Positive

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

5. Verbesserung der wirtschaftlichen und ökologischen Leistung der forstwirtschaftlichen Forstlieferketten

DOMäNE

Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz

Holzernte, Infrastruktur, Logistik

ART DER LöSUNG

Kollaborationsplattformen, logistische Knotenpunkte

SCHLüSSELWöRTER

--

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Finnland

UMFANG DER ANWENDUNG

Kontinental

ANFANGS- UND ENDJAHR

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

PROJEKT-WEBSITE

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

PROJEKT-REFERENZ

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RESSOURCEN

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

LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION

WoodForce

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

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