

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.

DETALLES

ORIGEN DE LA MADERA

Bosque

TIPO DE MADERA

Madera en rollo

TIPO DE MADERA AFECTADA

Stemwood, Above and below ground woody biomass

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

Medium

EFFECTO SOBRE LOS INGRESOS

Positive

POTENCIAL DE EXPLOTACIÓN

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HUB

Eje Norte

IMPACTO ECONÓMICO

Positive/ Less costs of harvesting

CONOCIMIENTOS ESPECÍFICOS NECESARIOS

Digital expertise combined to forestry expertise

POTENCIAL DE MOVILIZACIÓN

Not possible to assess

POTENCIAL DE SOSTENIBILIDAD - VALOR

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FACILIDAD DE APLICACIÓN

Easy

FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

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PREREQUISITOS CLAVE

Good communication is needed with all stakeholders

TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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EFFECTO SOBRE EL EMPLEO

Positive

COSTES DE IMPLEMENTACIÓN (EURO - €)

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Más DETALLES

RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

PALABRAS CLAVE

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PAÍS DE ORIGEN

Finlandia

DOMINIO

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

Aprovechamiento, infraestructura, logística

SOLUCIÓN DIGITAL

Sí

ESCALA DE APLICACIÓN

Continental

TIPO DE SOLUCIÓN

Plataformas de colaboración, centros logísticos

INNOVACIÓN

Si

AÑO DE INICIO Y FIN

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DATOS DE CONTACTO

PROPIETARIO O AUTOR

Trimble Forestry

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

REPORTADOR

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

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

SITIO WEB DEL PROYECTO

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

REFERENCIA DEL PROYECTO

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RECURSOS

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

WoodForce

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

