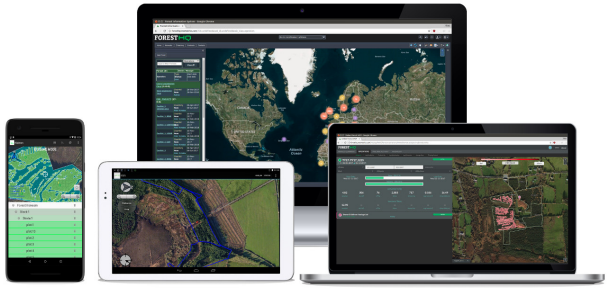
ForestHQ | Online system to manage land, inventories and operations



ForestHQ

ForestHQ is an innovative system supporting the management of forest operations and processes. This system includes tools for land management, data collection, data analysis, timber valuation, and activities management.

ForestHQ facilitates the management of forest operations and processes. This platform adds value to the data and improves the access and sharing of information. ForestHQ includes different key modules:

- **Forest inventory, valuation, and carbon MRV.** This module includes mobile apps for field data collection, models, and analytics to quantify timber products and carbon.
    - Rapid measurement with the Arboreal app (iOS) or traditional measurement tools.
    - Simple and automated analytics, carbon estimation, and forest valuation
    - Online mapping of inventories with location-based metrics
    - Online reporting including, timber product breakdown, digital maps, and valuation reports
    - Compatible with ForestBidder Online Marketplace
- **Remote harvesting monitoring.** This module includes a connection with harvester machines for remote monitoring of the harvesting operations. This tool increases the control of the operations and significantly reduces costs and field visits.
    - Manage harvesting contractors
    - Track harvest progress remotely
    - Monitor log product optimisation performance
    - Harvester products and stem locations for granular information and visual maps
    - HarvestSync App (android) for onboard data collection with auto-syncing
- **Land management.** ForestHQ makes it easy to manage your forest properties and activities. This is a collaborative platform that facilities the visibility

of data and communications.

- Manage forest properties and client database
- Easily map forest sub-compartments online
- Plan and manage forest operations and activities
- Manage and track documents, felling licenses, permits, and grants
- Assign and share documents and tasks
- Integrate with your existing systems

Further modules will include tools for forest certification, carbon sequestration projects, and forest management plans.

ForestHQ can be customised and adapted to the different user needs, with simple user interfaces it is an ideal solution for forest owners, small and large organisations

DETALLES

ORIGEN DE LA MADERA

Bosque

TIPO DE MADERA

Madera en rollo

TIPO DE MADERA AFECTADA

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IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

ForestHQ has a significant impact on the digitalisation of the forest industry. This system makes digitalisation more accessible to small and medium size forest owners and organisations. According to a study performed by UNECE, in terms of numbers of private forest owners as well as distributions of size classes, small-scale land holdings prevail in European forests. These forest owners are not only important in numbers or a large amount of forest that they manage, but also play an important role in rural communities, sustaining local economies and traditional and sustainable forest management methods.

Despite the effort that small forest owners are putting into sustainable forest management. The level of sustainable forest management that can be verified in the private forest need to improve. For the private forest sector, with the exception of Austria and Finland, the certification level is still rather low or even non-existent in some countries.

ForestHQ is a game-changer to bring private owners and organizations to

POTENCIAL DE MOVILIZACIóN

Using ForestHQ harvesting module the customer can mobilise up to 20% more of quality timber by a better optimisation of the harvesting.

POTENCIAL DE SOSTENIBILIDAD - VALOR

Muy positivo

FACILIDAD DE APLICACIóN

ForestHQ is mainly an online system that does not require implementation in the client side.

FACILIDAD DE IMPLEMENTACIóN - EVALUACIóN

Very Easy

effective and variable forest management providing them with digitalisation.

EFECTO SOBRE LOS INGRESOS

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PREREQUISITOS CLAVE

There are no specific prerequisites to use ForestHQ

POTENCIAL DE EXPLOTACIóN

This system is targeting forest owners and forest management organisations worldwide.

TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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HUB

--

EFECTO SOBRE EL EMPLEO

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IMPACTO ECONóMICO

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COSTES DE IMPLEMENTACIóN (EURO - €)

0

CONOCIMIENTOS ESPECíFICOS NECESARIOS

There is no specific knowledge required to use ForestHQ

MáS DETALLES

RETO ABORDADO

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

DOMINIO

Inventario, evaluación, seguimiento

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

Aprovechamiento, infraestructura, logística

TIPO DE SOLUCIóN

Plataformas de datos, centros de datos, datos abiertos

PALABRAS CLAVE

Inventory; Monitoring; Forest management; Operations

mobile app; web app

SOLUCIóN DIGITAL

Sí

INNOVACIóN

Si

PAíS DE ORIGEN

Irlanda

ESCALA DE APLICACIóN

Transfronterizo/multilateral

AñO DE INICIO Y FIN

2015 -

DATOS DE CONTACTO

PROPIETARIO O AUTOR

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

http://www.treemetrics.com

SITIO WEB DEL PROYECTO

https://www.treemetrics.com/about/projects

REFERENCIA DEL PROYECTO

RECURSOS

Forest Bidder

LOGO DE LA BUENA PRáCTICA

FOREST HQ

A cloud based forest management platform that offers full, realtime, centralised visibility and communications for all essential forestry processes

LOGOTIPO DE LA ORGANIZACIóN PRINCIPAL

TREEMETRICS

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

14 Dic 2021

ROSEWOOD 4.0 Sustainable Wood for Europe

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León