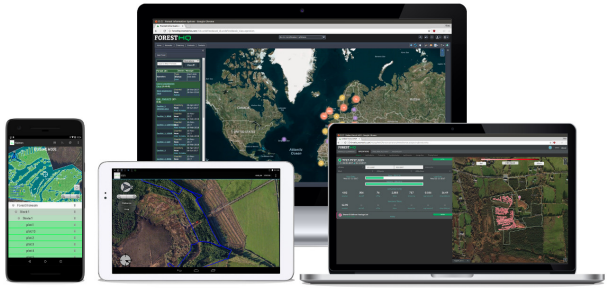
ForestHQ | Online system to manage land, inventories and operations



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

PODROBNOSTI

IZVOR LESA

Gozd

TIP LESA

Okrogli les

VRSTA OBRAVNAVANEGA LESA

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VPLIV NA OKOLJE IN BIODIVERZITETO

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 ZA MOBILIZACIJO

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

TRAJNOST - VREDNOST

Zelo pozitivno

ENOSTAVNOST IZVEDBE

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

ENOSTAVNOST IZVEDBE - OCENJEVANJE

Very Easy

effective and variable forest management providing them with digitalisation.

VPLIV NA PRIHODKE

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KLJUčNI PREDPOGOJI

There are no specific prerequisites to use ForestHQ

POTENCIAL IZKORIŠčANJA

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

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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VOZLIŠčE

--

VPLIV NA DELOVNA MESTA

--

GOSPODARSKI VPLIV

--

STROŠKI IZVEDBE (EURO - €)

0

POTREBNO SPECIFIčNO ZNANJE

There is no specific knowledge required to use ForestHQ

VEč PODROBNOSTI

IZZIV

5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige

DOMENA

Inventura, ocena, monitoring

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve

Sečnja in spravilo, infrastruktura, logistika

TIP REŠITVE

Podatkovna platforma, vozlišča podatkov, odprti podatki

KLJUČNE BESEDE

Inventory; Monitoring; Forest management; Operations

mobile app; web app

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

Irska

OBSEG UPORABE

Čezmejni / Transnacionalni

ZAČETNO IN KONČNO LETO

2015 -

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

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REFERENCES AND RESOURCES

SPLETNA STRAN

http://www.treemetrics.com

SPLETNA STRAN PROJEKTA

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

REFERENCA PROJEKTA

VIRI

Forest Bidder

LOGOTIP DOBRE PRAKSE

FOREST HQ

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

LOGOTIP GLAVNE ORGANIZACIJE

TREEMETRICS

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

14 Dec 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