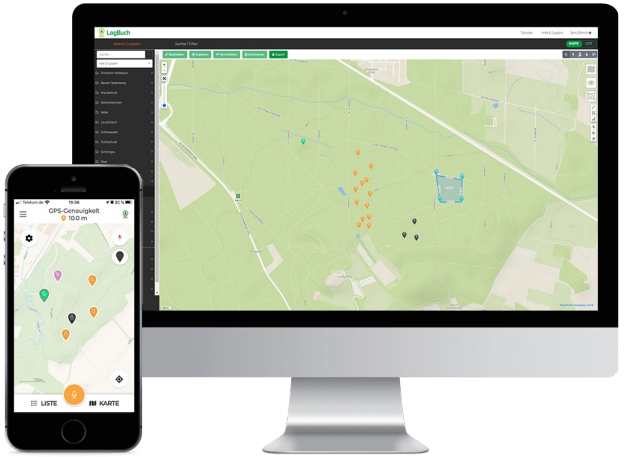
LogBuch | Simple and efficient forest data collection



Digital solution for forestry data collection and networking of all actors in the timber process chain. Offline in the outdoor area, comfortable use thanks to voice recording and intuitive operation through a practice-oriented menu navigation in the mobile app and the web application.

LogBuch enables data aggregation in the forest, a simple evaluation of the data and further processing. The combination of voice recording and Bluetooth button enables hands-free precise location of trees with simultaneous recording of important information about the tree, such as safety instructions or planning working procedures. The expected cut volume can be determined, and assortments planned. Foresters and harvester operators both receive detailed information (cross-linking with third party systems is supported). Technology: An A 2-frequency GNSS-receiver is connected to a smartphone to estimate the current position. A bluetooth button is used for language analysis. All spoken information can be recorded, automatically transcribed and classified, and the actual position lodged. WLAN is used for data exchange between smartphone, webserver and other users. Data can be exported as a map or table in georeferenced or not referenced formats (xlsx, GeoJson, shp, GPX, map). Applications: Preparation of timber harvesting, establishment of a digital "inventory", area mapping (also planting) by connecting recorded corner points, mapping of skid trails by the line function (harvest control or certification basis), remote navigation via Google Maps. In addition, recording of habitat trees etc., support for hunting organization (high seats, driven hunt stands, stalking routes etc.) and traffic safety measures.

DETALJI

PODRIJETLO DRVA
Šuma

VRSTA DRVA
Deblo

ODGOVARAJUĆA VRSTA DRVA
All types of wood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST
Decreased damages protect the forest soil as an important part of the forest ecosystem. Efficient planning also reduces fuel consumption.

UČINAK NA PRIHOD
--

POTENCIJAL ISKORISTIVOSTI
--

SREDIŠTE
--

GOSPODARSKI UČINAK
Good planning reduces working time and fuel consumption, resulting in cost reductions for timber harvesting operators.

POTENCIJAL ZA POVEĆANJE UPORABE DRVA
Better and more efficient planning of mechanized timber harvest supports wood mobilization through cost reduction.

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST
Pozitivan

JEDNOSTAVNOST PROVEDBE
The solution is available on the market.

JEDNOSTAVNOST PROVEDBE - EVALUACIJA
Very Easy

KLJUČNI PREDUVJETI
--

VRSTA DOGAđAJA NA KOJEM JE PRIKAZAN OVAJ BPI
Studijski posjet (T2.3)

UČINAK NA ZAPOŠLJIVOST
In light of aging workforces, digital solutions are expected to make forestry jobs more attractive to the next generation. The app helps to qualify staff.

TROŠKOVI PROVEDBE (EURO - €)
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POTREBNA POSEBNA ZNANJA

Low / the manual is quite self-explanatory

VIŠE DETALJA

IZAZOV

5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš

DOMENA

Popis, procjena, praćenje

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

Sječa, infrastrutura, logistika

VRSTA RJEŠENJA

Pametni strojevi, oprema

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

Njemačka

PODRUČJE PRIMJENE

Kontinentalno

POČETAK I KRAJ GODINE

2017 -

KONTAKT PODATCI

VLASNIK ILI AUTOR

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IZVJESTITELJ

FBZ

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REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

https://logbuch.xyz/

WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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IZVORI

Forstpraxis.de / Forest&Technology - "Please for dictation"

LogBuch - we digitalize the forest (video)

LOGO PRIMJERA DOBRE PRAKSE

LOGO GLAVNE ORGANIZACIJE

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY