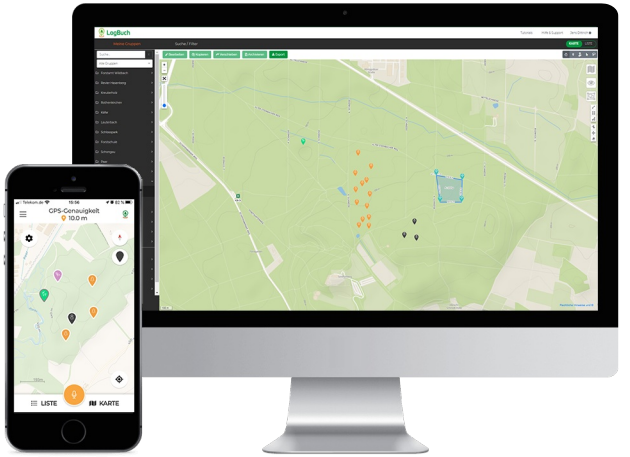
LogBuch | Simple and efficient forest data collection



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.

PODROBNOSTI

IZVOR LESA
Gozd

TIP LESA
Okrogli les

VRSTA OBRAVNAVANEGA LESA
All types of wood

VPLIV NA OKOLJE IN BIODIVERZITETO
Decreased damages protect the forest soil as an important part of the forest ecosystem. Efficient planning also reduces fuel consumption.

VPLIV NA PRIHODKE
--

POTENCIAL IZKORIŠČANJA
--

VOZLIŠČE
--

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

POTENCIAL ZA MOBILIZACIJO
Better and more efficient planning of mechanized timber harvest supports wood mobilization through cost reduction.

TRAJNOST - VREDNOST
Pozitivno

ENOSTAVNOST IZVEDBE
The solution is available on the market.

ENOSTAVNOST IZVEDBE - OCENJEVANJE
Very Easy

KLJUČNI PREDPOGOJI
--

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI
Študijski obisk (T2.3)

VPLIV NA DELOVNA MESTA
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.

STROŠKI IZVEDBE (EURO - €)
--

POTREBNO SPECIFIČNO ZNANJE

Low / the manual is quite self-explanatory

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

Pametni stroji, oprema

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

Nemčija

OBSEG UPORABE

Kontinentalno

ZAČETNO IN KONČNO LETO

2017 -

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

SDP Digitale Produkte GmbH - LogBuch

Friedrich Hollmeier

friedrich.hollmeier@sdp-logbuch.de

https://logbuch.xyz/

POROČEVALEC

FBZ

Marie-Charlotte Hoffmann, Elke Hübner-Tennhoff

marie-charlotte.hoffmann@wald-und-holz.nrw.de

REFERENCES AND RESOURCES

SPLETNA STRAN

https://logbuch.xyz/

SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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VIRI

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

LogBuch - we digitalize the forest (video)

LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE ORGANIZACIJE

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY