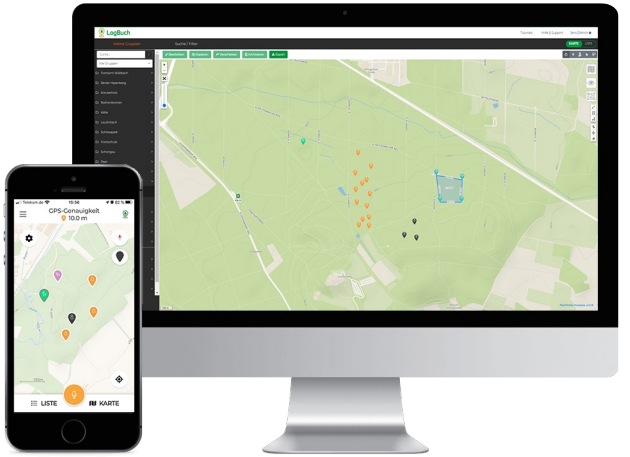
LogBuch | Simple and efficient forest data collection



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.

DETALJER

OPPRINNELSE FOR TRE
Skog

TYPE TRE
Tre fra rundtvirke

TYPE TRE INVOLVERT
All types of wood

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD
Decreased damages protect the forest soil as an important part of the forest ecosystem. Efficient planning also reduces fuel consumption.

INNTEKTSEFFEKT
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UTNYTTELSESPOTENSIAL
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HUB
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ØKONOMISK PåVIRKNING
Good planning reduces working time and fuel consumption, resulting in cost reductions for timber harvesting operators.

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

BæREKRAFTPOTENSIAL - VERDI
Positivt

ENKEL IMPLEMENTERING
The solution is available on the market.

ENKEL IMPLEMENTERING - EVALUERING
Very Easy

VIKTIGE FORUTSETNINGER
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TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT
Studiebesøk (T2.3)

EFFEKT På ARBEIDSPLASSER
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.

KOSTNADER MED IMPLEMENTERING (EURO - €)
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SPESIFIKKE KUNNSKAPSBEHOV

Low / the manual is quite self-explanatory

MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

DOMENE

Inventering, vurdering, overvåking

Skogforvaltning, skogskjøtsel, økosystemtjenester

Avvirkning, infrastruktur, logistikk

TYPE LøSNING

Smarte maskiner og utstyr

NøKKELORD

--

DIGITAL LøSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Tyskland

POTENSIALE

Kontinentalt

START OG SLUTT åR

2017 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

SDP Digitale Produkte GmbH - LogBuch

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RAPPORTøR

FBZ

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://logbuch.xyz/

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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

LogBuch - we digitalize the forest (video)

LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

LogBuch
powered by STIHL

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

12 aug 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