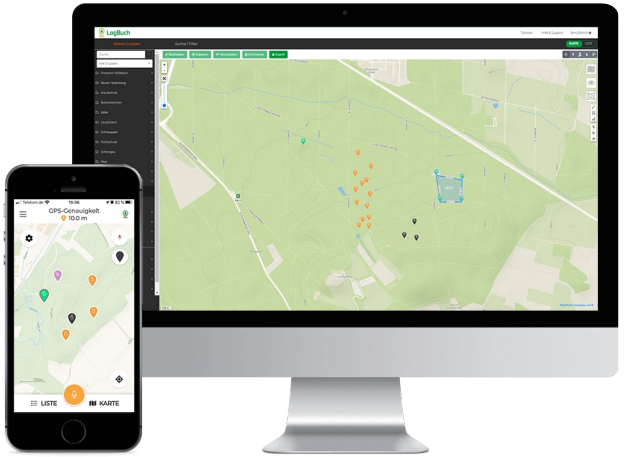
LogBuch | Simple and efficient forest data collection



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

VEDENS URSPRUNG
Skog

TRäTYP
Rundvirke

TYP AV TRä
All types of wood

PåVERKAN På MILJö & BIOLOGISK MåNGFALD
Decreased damages protect the forest soil as an important part of the forest ecosystem. Efficient planning also reduces fuel consumption.

EKONOMISK EFFEKT
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KOMMERSIELL POTENTIAL
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NAV
--

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

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

HåLLBARHETS POTENTIAL - VäRDE
Positivt

ENKEL IMPLEMENTERING
The solution is available on the market.

ENKEL IMPLEMENTERING - UTVäRDERING
Very Easy

NYCKEL FöRUTSäTTNINGAR
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TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS
Studiebesök (T2.3)

EFFEKT ANTAL ANSTäLLDA
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 FöR IMPLEMENTERING (EURO - €)
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SPECIFIKA KUNSKAPSBEHOV

Low / the manual is quite self-explanatory

MER INFORMATION

UTMANING SOM ADRESSERAS

5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor

DOMäN

Inventering, värdering, övervakning

Skogsförvaltning, skogskjötsel, ekosystemtjänster

Avverkning, infrastruktur, logistik

TYPE AV LöSNING

Smarta maskiner

NYCKELORD

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DIGITAL LöSNING

Ja

INNOVASION

Ja

UPPHOVSLAND

Tyskland

POTENTIAL

kontinental

START OCH SLUTåR

2017 -

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

SDP Digitale Produkte GmbH - LogBuch

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RAPPORTöR

FBZ

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

https://logbuch.xyz/

PROJEKTETS HEMSIDA

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PROJEKTREFERENS

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RESURSER

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

LogBuch - we digitalize the forest (video)

LOGO FöR BEST PRACTICE

LOGO, HUVUDORGANISATION

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FöR INLäGG

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY