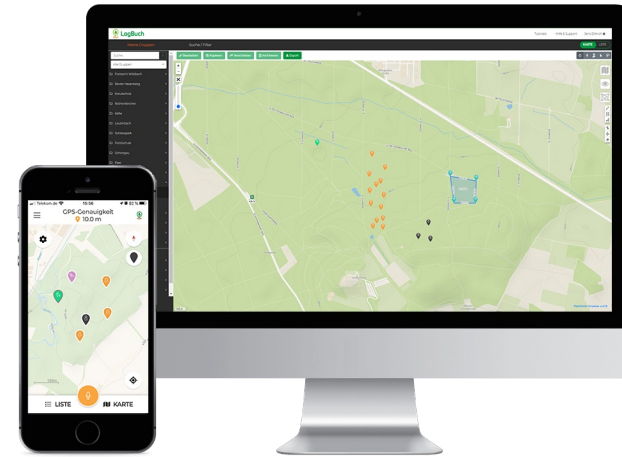


# LogBuch | Simple and efficient forest data collection



*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

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### 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

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### POTENCIAL IZKORIŠČANJA

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### VOZLIŠČE

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### 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

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### 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 - €)

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**POTREBNO SPECIFIČNO ZNANJE**

Low / the manual is quite self-explanatory

## VEČ PODROBNOSTI

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### 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

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### DIGITALNE REŠITVE

Da

### INOVACIJA

Da

### IZVORNA DRŽAVA

Nemčija

### OBSEG UPORABE

Kontinentalno

### ZAČETNO IN KONČNO LETO

2017 -

## KONTAKTN PODATKI

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### LASTNIK OZ. AVTOR

SDP Digitale Produkte GmbH - LogBuch

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## REFERENCES AND RESOURCES

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### SPLETNA STRAN

<https://logbuch.xyz/>

### SPLETNA STRAN PROJEKTA

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### REFERENCA PROJEKTA

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### VIRI

[Forstpraxis.de](https://www.forstpraxis.de/) / [Forest&Technology](https://www.foresttechnology.com/) - "Please for dictation"

[LogBuch - we digitalize the forest \(video\)](#)



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

