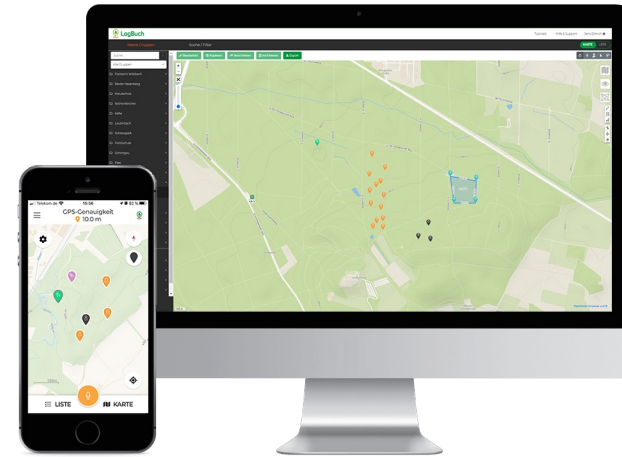


# LogBuch | Simple and efficient forest data collection



*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.

## DETALII

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### SURSA DE LEMN

Pădure

### TIPUL DE LEMN

Lemn masiv

### TIPUL DE LEMN ÎN CAUZĂ

All types of wood

### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

Decreased damages protect the forest soil as an important part of the forest ecosystem. Efficient planning also reduces fuel consumption.

### EFFECT ASUPRA VENITURILOR

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### POTENȚIAL DE EXPLOATARE

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### HUB

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### IMPACT ECONOMIC

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

### POTENȚIALUL DE MOBILIZARE

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

### POTENȚIAL DE SUSTENABILITATE - VALOARE

Pozitiv

### FACILITATEA DE IMPLEMENTARE

The solution is available on the market.

### FACILITATEA DE IMPLEMENTARE - EVALUARE

Very Easy

### CONDIȚII CHEIE PREALABILE

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### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

Vizita de studiu (T2.3)

### EFFECT ASUPRA LOCURILOR DE MUNCĂ

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.

### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## **CUNOȘTINȚE SPECIFICE NECESARE**

Low / the manual is quite self-explanatory

## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

### DOMAIN

Inventariere, evaluare, monitorizare  
Managementul pădurilor, silvicultura, servicii  
ecosistemice, reziliență  
Recoltare, infrastructură, logistică

### TIP DE SOLUȚIE

Mașini, echipamente inteligente

### CUVINTE CHEIE

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### SOLUȚIE DIGITALĂ

Da

### INOVAȚIE

Da

### ȚARA DE ORIGINE

Germania

### SCARA DE APLICARE

Continental

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2017 -

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

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## REFERENCES AND RESOURCES

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### PAGINĂ WEB

<https://logbuch.xyz/>

### WEBSITE PROJECT

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### RESURSE

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

**LogBuch - we digitalize the forest (video)**

### REFERINȚĂ PROIECT

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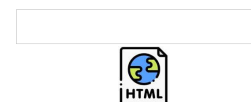


PROIECTUL ÎN CADRUL CĂRUI A FOST CREATĂ ACEASTă FIȘă INFORMATIVă

Rosewood 4.0

DATA POSTĂRII

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

