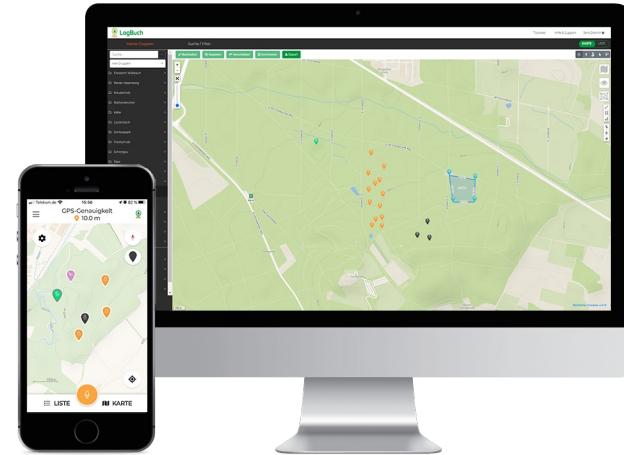


# LogBuch | Simple and efficient forest data collection



*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

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### VEDENS URSPRUNG

Skog

### MOBILISERINGSPOENTIAL

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

### TRÄTYP

Rundvirke

### HÅLLBARHETS POTENTIAL - VÄRDE

Positivt

### TYP AV TRÄ

All types of wood

### ENKEL IMPLEMENTERING

The solution is available on the market.

### 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.

### ENKEL IMPLEMENTERING - UTVÄRDERING

Very Easy

### EKONOMISK EFFEKT

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### NYCKEL FÖRUTSÄTTNINGAR

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### KOMMERSIELL POTENTIAL

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### TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

Studiebesök (T2.3)

### NAV

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### 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.

### EKONOMISK PÅVERKAN

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

### KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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## SPECIFIKA KUNSKAPSBEHOV

Low / the manual is quite self-explanatory

## MER INFORMATION

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UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
5. Förbättra ekonomisk och miljömässig prestanda för skogsförskningskedjor	Inventering, värdering, övervakning Skogsförvaltning, skogskjötsel, ekosystemtjänster Avverkning, infrastruktur, logistik	Smarta maskiner
NYCKELORD	DIGITAL LÖSNING	INNOVATION
--	Ja	Ja
UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Tyskland	kontinental	2017 -

## KONTAKT INFORMASION

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ÄGARE ELLER FÖRFATTARE	RAPPORTÖR
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<a href="https://logbuch.xyz/">https://logbuch.xyz/</a>	

## REFERENCES AND RESOURCES

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HEMSIDA (HUVUDSIDA)	RESURSER
<a href="https://logbuch.xyz/">https://logbuch.xyz/</a>	<b>Forstpraxis.de / Forest&amp;Technology - "Please for dictation"</b>
PROJEKTETS HEMSIDA	
--	<b>LogBuch - we digitalize the forest (video)</b>
PROJEKTREFERENS	
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LOGO FÖR BEST PRACTICE



LOGO, HUVUDORGANISATION

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM  
Rosewood 4.0

DATUM FÖR INLÄGG  
12 aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



□