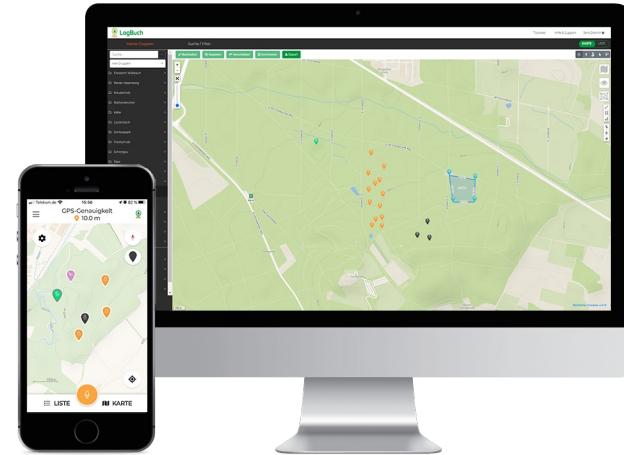


LogBuch | Simple and efficient forest data collection



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.

DETTAGLI

ORIGINE DEL LEGNO

foresta

TIPO DI LEGNO

Fusto

TIPO DI LEGNO IN QUESTIONE

All types of wood

IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ

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

EFFETTO SUL REDDITO

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POTENZIALE DI SFRUTTAMENTO

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HUB

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IMPATTO ECONOMICO

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

POTENZIALE DI MOBILITAZIONE

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

POTENZIALE SOSTENIBILITÀ - VALORE

Positivo

FACILITÀ DI IMPLEMENTAZIONE

The solution is available on the market.

FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE

Very Easy

PREREQUISITI CHIAVE

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TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO

Visita di studio (T2.3)

EFFETTO SUL LAVORO

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.

I COSTI DI ATTUAZIONE (EURO - €)

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CONOSCENZE SPECIFICHE NECESSARIE

Low / the manual is quite self-explanatory

PIÙ DETTAGLI

SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
5. Migliorare le prestazioni economiche e ambientali delle filiere forestali	Inventory, la valutazione, il monitoraggio La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza La raccolta, le infrastrutture, la logistica	macchine intelligenti, attrezzature
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
--	Sì	Sì
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Germania	Continentale	2017 -

CONTATTI

PROPRIETARIO O AUTORE	REPORTER
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REFERENCES AND RESOURCES

SITO PRINCIPALE	RISORSE
https://logbuch.xyz/	Forstpraxis.de / Forest&Technology - "Please for dictation"
SITO WEB DEL PROGETTO	LogBuch - we digitalize the forest (video)
PROGETTO DI RIFERIMENTO	--

LOGO DELLE MIGLIORI
PRACTICHE

LOGO DELLA PRINCIPALE
ORGANIZZAZIONE



PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

12 Ago 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



□