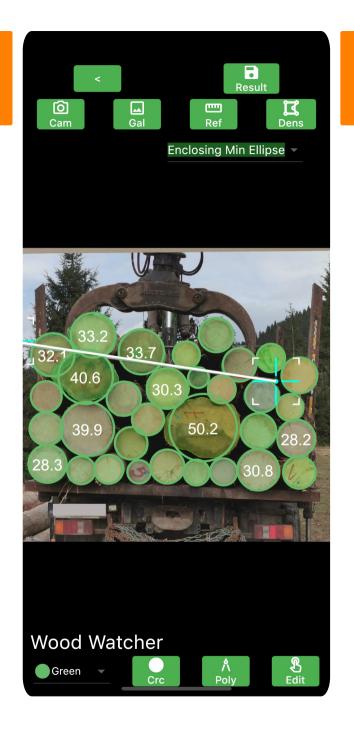
Wood Watcher - measure volume of woodpiles and wood transports fast, precise, and easy



# **Wood Watcher**

Wood Watcher offers a complete digital solution to measure wood piles and wood transports using an Android phone, iPhone or iPad.

Main benefit: Manual wood volume measuring is labour-intensive and time-consuming, however, volumes can be easily measured digitally in minutes on a smartphone using Wood Watcher.

### **Easy process:**

- 1. Point the camera from your phone or tablet to any wood stack or wood truck and take a picture
- 2. The artificial intelligence algorithms analyze every pixel and detect all the wood logs (even partially obscured or dirt or snow-covered)
- 3. Input the digital reference and the length of the logs
- 4. Instantly receive the number of logs, the volume in cubic meters, the pile density and contour, and a detailed report of each piece of wood
- 5. Save and share the measurement data to the cloud or with business partners

#### The benefits are:

- 1. **Time efficiency**. Time is the most important factor in any business. Manually measuring a woodpile or wood transport truck takes anywhere from 30 minutes to 120 minutes, but with Wood Watcher, it takes under 1 minute.
- 2. **Costs savings**. Manual methods require significant manpower at least a crane operator and one (or two) employees to measure for 30-120 minutes. Wood Watcher works with only 1 person (ex: the crane operator) for 1 minute.
- 3. **Instant report generation**. Forget manually entering wood diameters using pen and paper or excel data input. Wood Watcher generates a basic .csv file or excel .xlsx file or .pdf file instantly.
- 4. **Reduce human input error**. We are human and we make mistakes when measuring, when inputting data or when reporting data. When using Wood Watcher all human errors are minimized.
- 5. **Satisfied and confident customers**. Both sellers/suppliers and buyers need to be able to measure and verify each other's claims. With Wood Watcher volumes can be measured objectively as many times as needed and the measurement ba used as proof.
- 6. **Data sharing. Compliance audit. Real-time inventory overview. Digital Transformation**. With Wood Watcher, data can be shared between systems and stored in the Cloud making it easily accessible and retrievable.

All digital data can be integrated with Wood Watcher Inventory System or using the company's existing inventory and management system.

Individual measurement data can be improved and customized to business needs and best practices with extra metadata: GPS, source, destination, transport id and more.

**Wood Watcher** provides automation, digitalization, precision, confidence, transparency, traceability, objectivity, and increases productivity when measuring wood.

PODROBNOSTI	
PÔVOD DREVA	MOBILZAČNý POTENCIÁL
Les	<del>-</del>
DRUH DREVA Kmeňové drevo	POTENOISI UPDŽATEVNOSTI, UODNOTA
kmenove drevo	POTENCIÁL UDRŽATEľ NOSTI - HODNOTA
	Veľmi pozitívne
UVAŽOVANý DRUH DREVA	UľAHČENIE IMPLMENTÁCIE
	Wood Watcher is available right now for download on Android, iPhone, and
	iPad. You get 10 free credits and you pay per measurement as you use the
	software.
VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU	UľAHČENIE IMPLMENTÁCIE - HODNOTENIE
Wood Watcher contributes to sustainable and responsible forestry by	Very Easy
promoting automation, digitalization, precision, confidence, transparency,	
traceability, objectivity.	
DOPAD NA PRÍJMY	KľúčOVé PREPOKLADY
<del></del>	
POTENCIÁL VYUŽITIA	TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ
<del>-</del>	<del></del>
DO-TDO YOMA Y	
ROZBOčOVAč	DOPAD NA ZAMESTNANOSť

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# EKONOMICKÝ VPLYV

NáKLADY NA IMPLEMENTáCIU (EURO - €)

POTREBA ŠPECIFICKÝCH ZNALOSTÍ

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VIAC INFORMáCIÍ \_\_\_\_\_ RIEŠENá VýZVA **DOMAIN TYP RIEŠENIA** 5. Zlepšenie hospodárskej a environmentálnej Inventarizácia, posudzovanie, Senzory, meracie prístroje/meracie vybavenie výkonnosti dodávateľských reťazcov v lesníctve monitoring/monitorovanie Ťažba, infraštruktúra, logistika KľúčOVé SLOVá DIGITALNE RIEŠENIE **INOVáCIE Digital Wood Tracking** áno Áno Precise Volume KRAJINA PÔVODU ROZSAH APLIKÁCIE ZAČIATOK A KONIEC ROKA Rakúsko Continental 2021 -**KONTAKTN**é **úDAJE** VLASTNÍK ALEBO AUTOR REPORTÉR **Wood Watcher** Razvan Pistolea razvan@digital-dryads.eu https://woodwatcher.app/ **REFERENCES** AND RESOURCES HLAVNá WEBSTRÁNKA **ZDROJE** https://woodwatcher.app/ The forestry industry is changing towards digitalization, precision, and automation PROJEKTOVÁ WEBSTRÁNKA https://woodwatcher.app/ **App Store Download REFERENCIA PROJEKTU** 

**Google Play Download** 





### PROJEKT, V RáMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHľAD VYTVORENÝ

Rosewood 4.0

### DáTUM ODOSLANIA

18 mar 2022







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# A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY





