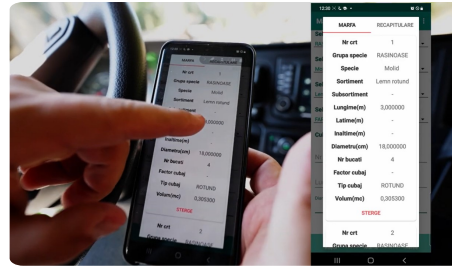


## SUMAL 2.0 | Digital Wood Tracking



*InspectorulPadurii.ro is initiated by Ministry of Environment, Waters and Forests together with the Government of Romania with the aim to make transparent the wood harvesting activity, transport of wood in entire Romania.*

The online portal is an automatic method for identifying illegally cut timber transports from Romania. The users are able to observe alerts from satellites indicating information and once every few days (between 2 and 7 days depending on the satellite) any change in the aerial image associated with the forest vegetation in Romania. The portal also accesses the SUMAL database of the Ministry of Water and Forests in real time. From this database, information is extracted to be processed in the internal system, about the enhancement documents on wood harvests, the locations from where the timber transports are loaded and the information related to these points. The permits on wood harvest became digitalized, therefore all harvesting activity can be checked by satellite monitoring while the transports must obtain a unique code before leaving the place of loading. This code is only obtained after the transport information has been entered into the system, including the location where the code was requested. The portal, through further developments, also contains an API (set learned of rules), which allows automatic access to all information publicly presented on this portal (layers, transport coordinates and related metadata, enhancement documents, etc.), so that other interested actors can make analyzes that will lead to stopping illegal logging.

## PODROBNOSTI

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### PŮVOD DREVA

Les

### DRUH DREVA

Kmeňové drevo

### UVAŽOVANÝ DRUH DREVA

logwood, primer material

### VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

protection

### DOPAD NA PRÍJMY

minor impact

### POTENCIÁL VYUŽITIA

high

### ROZBOČOVAČ

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### EKONOMICKÝ VPLYV

Transparency

### POTREBA ŠPECIFICKÝCH ZNALOSTÍ

Digitalization

### MOBILIZAČNÝ POTENCIÁL

11000000 m3/y

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

Veľmi pozitívne

### UĽAHČENIE IMPLMENTÁCIE

difficult

### UĽAHČENIE IMPLMENTÁCIE - HODNOTENIE

Ťažké

### Kľúčové PREPOKLADY

political decision

### TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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### DOPAD NA ZAMESTNANOSŤ

minor impact

### NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

### Kľúčové SLOVá

timber tracking; traceability

### KRAJINA PôVODU

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### DOMAIN

Inventarizácia, posudzovanie, monitoring/monitorovanie  
Lesné hospodárstvo/hospodárska úprava lesa,  
pestovanie lesa, ekosystémové služby, odolnosť  
Ťažba, infraštruktúra, logistika

### DIGITALNE RIEŠENIE

áno

### ROZSAH APLIKÁCIE

Národný

### TYP RIEŠENIA

Nástroje na vysledovateľnosť

### INOVÁCIE

Áno

### ZAČIATOK A KONIEC ROKA

2021 -

## KONTAKTNÉ ÚDAJE

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### REPORTÉR

ProWood

Kadar Rezso

[prowoodcluster@gmail.com](mailto:prowoodcluster@gmail.com)

## REFERENCES AND RESOURCES

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### HLAVNÁ WEBSTRÁNKA

<https://www.mmediu.ro>

### PROJEKTOVÁ WEBSTRÁNKA

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### REFERENCIA PROJEKTU

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### ZDROJE

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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ  
Rosewood 4.0

DÁTUM ODOSLANIA  
12 aug 2021



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862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

