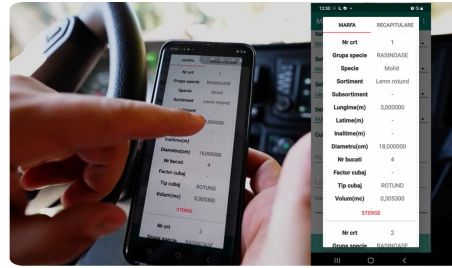


## SUMAL 2.0 | Digital Wood Tracking



*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.

## DETALJER

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### OPPRINNELSE FOR TRE

Skog

### TYPE TRE

Tre fra rundtvirke

### TYPE TRE INVOLVERT

logwood, primer material

### PåVIRKNING På MILJØ OG BIOLOGISK MANGFOLD

protection

### INNTEKTSEFFEKT

minor impact

### UTNYTTELSESPOTENSIAL

high

### HUB

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### ØKONOMISK PåVIRKNING

Transparency

### SPESIFIKKE KUNNSKAPSBEHOV

Digitalization

### MOBILISERINGSPOTENSIAL

11000000 m3/y

### BæREKRAFTPOTENSIAL - VERDI

Veldig positivt

### ENKEL IMPLEMENTERING

difficult

### ENKEL IMPLEMENTERING - EVALUERING

Vanskelig

### VIKTIGE FORUTSETNINGER

political decision

### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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### EFFEKT På ARBEIDSPLASSER

minor impact

### KOSTNADER MED IMPLEMENTERING (EURO - €)

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## MER INFORMASJON

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### UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

### NØKKEWORD

timber tracking; traceability

### OPPRINSESLAND

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### DOMENE

Inventering, vurdering, overvåking  
Skogforvaltning, skogskjøtsel, økosystemtjenester  
Avvirkning, infrastruktur, logistikk

### DIGITAL LØSNING

Ja

### POTENSIALE

Nasjonal

### TYPE LØSNING

Verktøy for sporing

### INNOVASJON

Ja

### START OG SLUTT ÅR

2021 -

## KONTAKT INFORMASJON

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### EIER ELLER FORFATTER

[www.mmediu.ro](http://www.mmediu.ro)

Tanczos Barna, Ministry of Environment, Water and Forests

[solicitari544@mmediu.ro](mailto:solicitari544@mmediu.ro)

[www.mmediu.ro](http://www.mmediu.ro)

### RAPPORTØR

ProWood

Kadar Rezso

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

## REFERENCES AND RESOURCES

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### HJEMMESIDE (HOVEDSIDE)

<https://www.mmediu.ro>

### PROSJEKTETS HJEMMESIDE

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### REFERANSE TIL PROSJEKT

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### RESSURSER

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

12 aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

