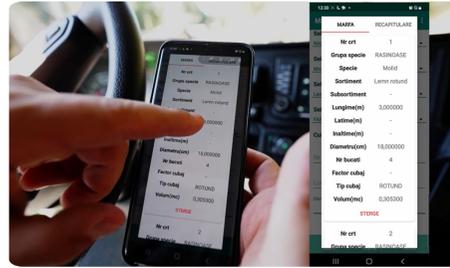


## SUMAL 2.0 | Digital Wood Tracking



*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.

## DETALLES

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### ORIGEN DE LA MADERA

Bosque

### TIPO DE MADERA

Madera en rollo

### TIPO DE MADERA AFECTADA

logwood, primer material

### IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

protection

### EFFECTO SOBRE LOS INGRESOS

minor impact

### POTENCIAL DE EXPLOTACIÓN

high

### HUB

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### IMPACTO ECONÓMICO

Transparency

### CONOCIMIENTOS ESPECÍFICOS NECESARIOS

Digitalization

### POTENCIAL DE MOVILIZACIÓN

11000000 m3/y

### POTENCIAL DE SOSTENIBILIDAD - VALOR

Muy positivo

### FACILIDAD DE APLICACIÓN

difficult

### FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

Difícil

### PREREQUISITOS CLAVE

political decision

### TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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### EFFECTO SOBRE EL EMPLEO

minor impact

### COSTES DE IMPLEMENTACIÓN (EURO - €)

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## MÁS DETALLES

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### RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

### DOMINIO

Inventario, evaluación, seguimiento  
Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia  
Aprovechamiento, infraestructura, logística

### TIPO DE SOLUCIÓN

Herramientas de trazabilidad

### PALABRAS CLAVE

timber tracking; traceability

### SOLUCIÓN DIGITAL

Sí

### INNOVACIÓN

Sí

### PAÍS DE ORIGEN

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### ESCALA DE APLICACIÓN

Nacional

### AÑO DE INICIO Y FIN

2021 -

## DATOS DE CONTACTO

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### PROPIETARIO O AUTOR

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### REPORTADOR

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## REFERENCES AND RESOURCES

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### SITIO WEB PRINCIPAL

<https://www.mmediu.ro>

### SITIO WEB DEL PROYECTO

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### RECURSOS

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### REFERENCIA DEL PROYECTO

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LOGO DE LA BUENA PRÁCTICA

LOGOTIPO DE LA ORGANIZACIÓN PRINCIPAL



PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

12 Ago 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

