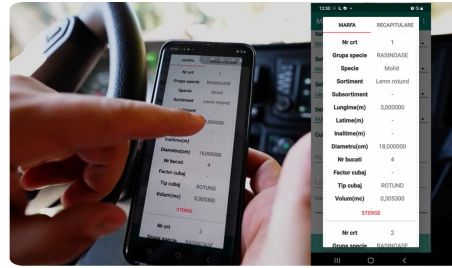


SUMAL 2.0 | Digital Wood Tracking



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

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

--

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

--

DOPAD NA ZAMESTNANOSŤ

minor impact

NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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VIAC INFORMÁCIÍ

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

VLASTNÍK ALEBO AUTOR

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REPORTÉR

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REFERENCES AND RESOURCES

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

Link to Rosewood 4.0



A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

