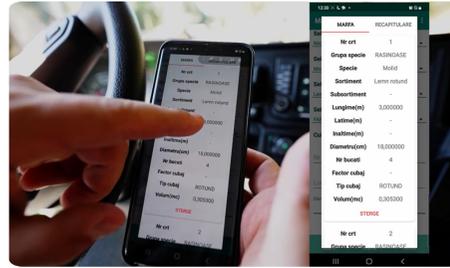


SUMAL 2.0 | Digital Wood Tracking



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

IZVOR LESA

Gozd

TIP LESA

Okrogli les

VRSTA OBRAVNAVANEGA LESA

logwood, primer material

VPLIV NA OKOLJE IN BIODIVERZITETO

protection

VPLIV NA PRIHODKE

minor impact

POTENCIAL IZKORIŠČANJA

high

VOZLIŠČE

--

GOSPODARSKI VPLIV

Transparancy

POTREBNO SPECIFIČNO ZNANJE

Digitalization

POTENCIAL ZA MOBILIZACIJO

11000000 m3/y

TRAJNOST - VREDNOST

Zelo pozitivno

ENOSTAVNOST IZVEDBE

difficult

ENOSTAVNOST IZVEDBE - OCENJEVANJE

Težavno

KLJUČNI PREDPOGOJI

political decision

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VPLIV NA DELOVNA MESTA

minor impact

STROŠKI IZVEDBE (EURO - €)

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VEČ PODRBNOSTI

IZZIV

5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige

KLJUČNE BESEDE

timber tracking; traceability

IZVORNA DRŽAVA

--

DOMENA

Inventura, ocena, monitoring

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve

Sečnja in spravilo, infrastruktura, logistika

DIGITALNE REŠITVE

Da

OBSEG UPORABE

Nacionalni

TIP REŠITVE

Sledljivost

INOVACIJA

Da

ZAČETNO IN KONČNO LETO

2021 -

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

www.mmediu.ro

Tanczos Barna, Ministry of Environment, Water and Forests

solicitari544@mmediu.ro

www.mmediu.ro

POROČEVALEC

ProWood

Kadar Rezso

prowoodcluster@gmail.com

REFERENCES AND RESOURCES

SPLETNA STRAN

<https://www.mmediu.ro>

SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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VIRI

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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

