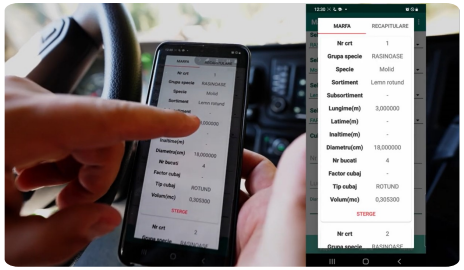
SUMAL 2.0 | Digital Wood Tracking



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 - €)
--

VEČ PODROBNOSTI

IZZIV

5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige

DOMENA

Inventura, ocena, monitoring

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve

Sečnja in spravilo, infrastruktura, logistika

TIP REŠITVE

Sledljivost

KLJUČNE BESEDE

timber tracking; traceability

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

--

OBSEG UPORABE

Nacionalni

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

--

REFERENCA PROJEKTA

--

VIRI

--

LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE ORGANIZACIJE

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY