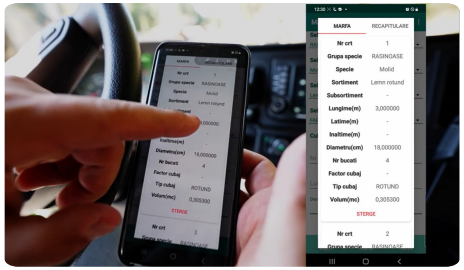
SUMAL 2.0 | Digital Wood Tracking



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.

DETALHES

ORIGEM DA MADEIRA
Floresta

TIPO DE MADEIRA
Tronco

TIPO DE MADEIRA EM CAUSA
logwood, primer material

IMPACTE NO AMBIENTE E BIODIVERSIDADE
protection

IMPACTE NAS RECEITAS
minor impact

POTENCIAL DE EXPLORAçãO
high

HUB
--

IMPACTE ECONOMICO
Transparancy

CONHECIMENTOS ESPECIFICOS NECESSáRIOS
Digitalization

POTENCIAL DE MOBILIZAçãO
11000000 m3/y

SUSTENTABILIDADE POTENCIAL - VALOR
Muito positivo

FACILIDADE DE IMPLEMENTAçãO
difficult

FACILIDADE DE IMPLEMENTAçãO
Difícil

PRE-REQUISITOS CHAVE
political decision

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO
--

IMPACTE NO EMPREGO
minor impact

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)
--

MAIS DETALHES

DESAFIO ABORDADO

5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal

DOMíNIO

Inventário, avaliação e monitorização

Gestão florestal, silvicultura, serviços do ecosistema, resiliencia

Cortes, infraestruturas e logistica

TIPO DE SOLUçãO

Ferramentas de rastreio

PALAVRAS-CHAVE

timber tracking; traceability

SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

--

ESCALA DE APLICAçãO

Nacional

ANO DE INíCIO E FIM

2021 -

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

www.mmediu.ro

Tanczos Barna, Ministry of Environment, Water and Forests

solicitari544@mmediu.ro

www.mmediu.ro

REPóRTER

ProWood

Kadar Rezso

prowoodcluster@gmail.com

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://www.mmediu.ro

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

--

LOGOTIPO DA BOA PRáTICA



LOGOTIPO DA ORGANIZAçãO PRINCIPAL

PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021





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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

