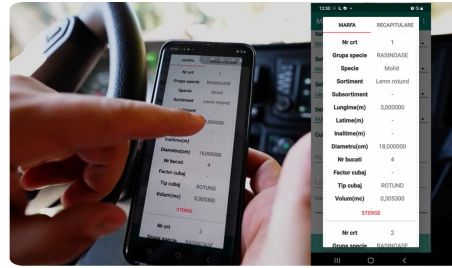


SUMAL 2.0 | Digital Wood Tracking



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)

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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 ecossistema, 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

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL https://www.mmediu.ro	RECURSOS --
WEBSITE DO PROJETO --	
REFERÊNCIA AO PROJETO --	



PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021



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Link to Rosewood 4.0



A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

