Virtual Forest 2.0



Virtual forest is an application, which can be used in participatory planning of land use, guidance of forest owners and for combining interests of different stakeholder groups concerning utilization of natural resources and areas.

Virtual forest 2.0 is a research and development project that has developed a digital application to enable the visualization of forest resources and spatial data in 3D. A virtual forest is software that can be utilized in participatory land use planning, advising forest owners, and taking into account the goals of user and interest groups in the areas.The virtual forest can be used to increase citizens' understanding of different forest management options and to illustrate the landscape effects of a forest plan. The virtual forest can be used to visualize the holdings of any forest owner, and the application is compatible with various information systems in the forest industry.The virtual forest 2.0 uses open QGIS geographic information system to generate changes in forest patterns or tree data, habitat data and terrain data in a virtual 3D-visualization. The free downloadable Virtual Forest 2.0 application was released in October 2020.

DETALII

SURSA DE LEMN

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TIPUL DE LEMN

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TIPUL DE LEMN îN CAUZă

Woodlands and forests

IMPACTUL ASUPRA MEDIULUI șI BIODIVERSITățII

High, since the results of forestry operations can be demonstrated in the 3D forest enviroment

EFECT ASUPRA VENITURILOR

Positive

POTENțIAL DE EXPLOATARE

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HUB

Hub-ul de Nord

IMPACT ECONOMIC

Positive

CUNOșTINțE SPECIFICE NECESARE

Comprehensive database, coding skills, understanding of forestry processes.

POTENțIALUL DE MOBILIZARE

high

POTENțIAL DE SUSTENABILITATE - VALOARE

Mediu

FACILITATEA DE IMPLEMENTARE

Requires IT skills

FACILITATEA DE IMPLEMENTARE - EVALUARE

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CONDIțII CHEIE PREALABILE

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TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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EFECT ASUPRA LOCURILOR DE MUNCă

Positive

COSTURI PENTRU IMPLEMENTARE (EURO - €)

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MAI MULTE DETALII

PROVOCARE ABORDATă

3. Activarea proprietarilor privați și a cooperativelor de gestionare a pădurilor

DOMAIN

Inventariere, evaluare, monitorizare

Proprietate, cooperare

TIP DE SOLUțIE

Modelare, DSS, simulare, optimizare

CUVINTE CHEIE

virtual; application; visualization

SOLUțIE DIGITALă

Da

INOVAțIE

Da

ȚARA DE ORIGINE

Finlanda

SCARA DE APLICARE

Național

ANUL DE îNCEPUT șI DE SFâRșIT

2018 - 2020

DATE DE CONTACT

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REFERENCES AND RESOURCES

PAGINă WEB

https://virtualforest2.wordpress.com/home/

WEBSITE PROJECT

https://virtualforest2.wordpress.com/fi/

REFERINță PROIECT

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RESURSE

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LAPIN AMK
Lapland University of Applied Sciences

PROIECTUL îN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

12 Aug 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León