

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

POTENȚIALUL DE MOBILIZARE

high

POTENȚIAL DE SUSTENABILITATE - VALOARE

Mediu

FACILITATEA DE IMPLEMENTARE

Requires IT skills

FACILITATEA DE IMPLEMENTARE - EVALUARE

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IMPACTUL ASUPRA MEDIULUI și BIODIVERSITĂȚII

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

EFFECT ASUPRA VENITURILOR

Positive

CONDIȚII CHEIE PREALABILE

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POTENȚIAL DE EXPLOATARE

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TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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HUB

Hub-ul de Nord

EFFECT ASUPRA LOCURILOR DE MUNCĂ

Positive

IMPACT ECONOMIC

Positive

COSTURI PENTRU IMPLEMENTARE (EURO - €)

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CUNOȘTINȚE SPECIFICE NECESARE

Comprehensive database, coding skills, understanding of forestry processes.

MAI MULTE DETALII

PROVOCARE ABORDATĂ	DOMAIN	TIP DE SOLUȚIE
3. Activarea proprietarilor privați și a cooperativelor de gestionare a pădurilor	Inventariere, evaluare, monitorizare Proprietate, cooperare	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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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIŞĂ INFORMATIVĂ

Rosewood 4.0

DATA POSTĂRII

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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