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.

DETALJER

VEDENS URSPRUNG

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TRäTYP

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TYP AV TRä

Woodlands and forests

PåVERKAN På MILJö & BIOLOGISK MåNGFALD

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

EKONOMISK EFFEKT

Positive

KOMMERSIELL POTENTIAL

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NAV

Norra navet

EKONOMISK PåVERKAN

Positive

SPECIFIKA KUNSKAPSBEHOV

Comprehensive database, coding skills, understanding of forestry processes.

MOBILISERINGSPOTENTIAL

high

HåLLBARHETS POTENTIAL - VäRDE

Mellan

ENKEL IMPLEMENTERING

Requires IT skills

ENKEL IMPLEMENTERING - UTVäRDERING

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NYCKEL FöRUTSäTTNINGAR

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TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS

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EFFEKT ANTAL ANSTäLLDA

Positive

KOSTNADER FöR IMPLEMENTERING (EURO - €)

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MER INFORMATION

UTMANING SOM ADRESSERAS

3. Aktivera privata ägare och kooperativ skogsförvaltning

NYCKELORD

virtual; application; visualization

UPPHOVSLAND

Finland

DOMäN

Inventering, värdering, övervakning

Ägarskap, samarbete

DIGITAL LöSNING

Ja

POTENTIAL

Nationell

TYPE AV LöSNING

Modellering, DSS, simulering, optimering

INNOVASION

Ja

START OCH SLUTåR

2018 - 2020

KONTAKT INFORMASION

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RAPPORTöR

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

PROJEKTETS HEMSIDA

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

PROJEKTREFERENS

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RESURSER

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LOGO FöR BEST PRACTICE

LOGO, HUVUDORGANISATION

LAPIN AMK
Lapland University of Applied Sciences

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FöR INLäGG

12 aug 2021

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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