

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.

PODROBNOSTI

IZVOR LEŠA

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TIP LEŠA

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VRSTA OBRAVNAVANEGA LEŠA

Woodlands and forests

POTENCIJAL ZA MOBILIZACIJO

high

TRAJNOST - VREDNOST

Srednja

VPLIV NA OKOLJE IN BIODIVERZITETO

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

ENOSTAVNOST IZVEDBE

Requires IT skills

ENOSTAVNOST IZVEDBE - OCENJEVANJE

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VPLIV NA PRIHODKE

Positive

KLJUČNI PREDPOGOJI

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POTENCIJAL IZKORIŠČANJA

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VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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VOZLIŠČE

Severno vozlišče

VPLIV NA DELOVNA MESTA

Positive

GOSPODARSKI VPLIV

Positive

STROŠKI IZVEDBE (EURO - €)

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POTREBNO SPECIFIČNO ZNANJE

Comprehensive database, coding skills, understanding of forestry processes.

VEČ
PODROBNOSTI

IZZIV

3. Aktivacija zasebnih lastnikov in skupno upravljanje Inventura, ocena, monitoring gozdov

DOMENA

Lastništvo, sodelovanje

TIP REŠITVE

Modeliranje, DSS, simulacija, optimizacija

KLJUČNE BESEDE

virtual; application; visualization

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

Finska

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

2018 - 2020

**KONTAKTN
PODATKI**

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**REFERENCES
AND RESOURCES**

SPLETNA STRAN

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

VIRI

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SPLETNA STRAN PROJEKTA

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

REFERENCA PROJEKTA

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LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE
ORGANIZACIJE



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No.

862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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