

## 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.

## DETALJI

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### PODRIJETLO DRVA

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### VRSTA DRVA

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### ODGOVARAJUĆA VRSTA DRVA

Woodlands and forests

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

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

### UČINAK NA PRIHOD

Positive

### POTENCIJAL ISKORISTIVOSTI

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### SREDIŠTE

Sjeverno središte

### GOSPODARSKI UČINAK

Positive

### POTREBNA POSEBNA ZNANJA

Comprehensive database, coding skills, understanding of forestry processes.

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

high

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

Srednji

### JEDNOSTAVNOST PROVEDBE

Requires IT skills

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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### KLJUČNI PREDUVJETI

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### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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### UČINAK NA ZAPOŠLJIVOST

Positive

### TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

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### IZAZOV

3. Aktiviranje privatnih vlasnika u upravljanju šumama

### KLJUČNE RIJEČI

virtual; application; visualization

### ZEMLJA PODRIJETLA

Finska

### DOMENA

Popis, procjena, praćenje  
Vlasništvo, suradnja

### DIGITALNO RJEŠENJE

Da

### PODRUČJE PRIMJENE

Nacionalna

### VRSTA RJEŠENJA

Modeliranje, sustav za podršku odlučivanju, simulacija, optimizacija

### INOVACIJA

Da

### POČETAK I KRAJ GODINE

2018 - 2020

## KONTAKT PODATCI

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## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

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

### WEB STRANICA PROJEKTA

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

### REFERENCA PROJEKTA

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### IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

