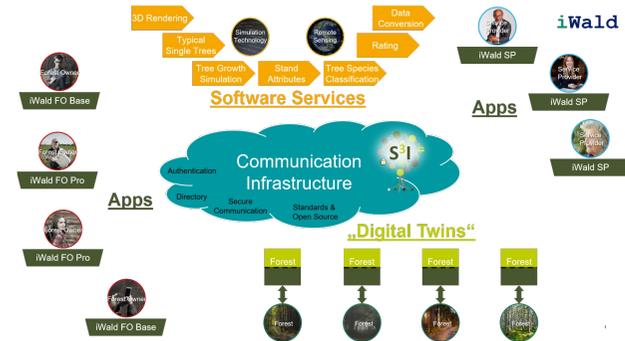


# iWald | Forest growth simulation app



*Comparison of silvicultural treatment concepts by simulating forest growth processes on the smartphone.*

In the iWald project, a system is being developed enabling forest owners to obtain realistic and technically sound options for the sustainable management of their forests. The individual objectives of the forest owner (private, communal, state) are taken into account as well as the forestry risk minimization and the sustainable conversion of forests while safeguarding the economic, ecological and social forest functions. One of the main results of iWald will be the "iWald App", which can be used to simulate forest growth processes on a smartphone. This will be provided with different entry barriers, so that both the forest layman and the trained forester will find their access to iWald. The goals include activating forest owners, who can thus approach their forest on a playful level, or improving public acceptance of forestry interventions through the possibility of simple visualization of future consequences.

## DETALJER

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### OPPRINNELSE FOR TRE

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### TYPE TRE

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### TYPE TRE INVOLVERT

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### PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

Economic, ecological and social forest functions are integrated into the apps decision support system.

### INNTTEKTSEFFEKT

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### UTNYTTELSESPOTENSIAL

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### HUB

Central-West Hub

### ØKONOMISK PÅVIRKNING

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### SPESIFIKKE KUNNSKAPSBEHOV

### MOBILISERINGSPOTENSIAL

High, activation of forest owners to initiate forestry interventions is encouraged by the game character of the app.

### BæREKRAFTPOTENSIAL - VERDI

Veldig positivt

### ENKEL IMPLEMENTERING

The solution is not yet available on the market.

### ENKEL IMPLEMENTERING - EVALUERING

Vanskelig

### VIKTIGE FORUTSETNINGER

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### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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### EFFEKT PÅ ARBEIDSPLASSER

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### KOSTNADER MED IMPLEMENTERING (EURO - €)

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## MER INFORMASJON

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### UTFORDRING ADRESSERT

1. Forbedre skogens robusthet og tilpasningsevne til Skogforvaltning, skogskjøtsel, økosystemtjenester klimaendringer

### NØKKEWORD

tree growth simulation  
apps  
private forest owners  
service providers

### OPPRINELSESLAND

Tyskland

### DOMENE

### DIGITAL LØSNING

Ja

### POTENSIALE

Nasjonal

### TYPE LØSNING

Modellering, DSS, simulering, optimalisering

### INNOVASJON

Ja

### START OG SLUTT ÅR

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## KONTAKT INFORMASJON

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### EIER ELLER FORFATTER

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### RAPPORTØR

FBZ

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## REFERENCES AND RESOURCES

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### HJEMMESIDE (HOVEDSIDE)

<https://www.mmi.rwth-aachen.de/projekt/iwald/>

### PROSJEKTETS HJEMMESIDE

<https://kwf2020.kwf-online.de/portfolio/iwald/>

### REFERANSE TIL PROSJEKT

iWald, funded by FNR under no. 22012818

### RESSURSER

iWald



PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

