

## Smart Forest | Bringing industry 4.0 to the Norwegian forest sector



*We will work smarter, more efficiently and with more precision. We want to bringing Industry 4.0 to the Norwegian Forestry.*

We are foresters, scientists, remote sensing experts, programmers, mathematicians, data scientists, developers, and entrepreneurs. What combines us is forestry. We want to bringing Industry 4.0 to the Norwegian Forestry. SmartForest will position the Norwegian forest sector at the forefront of digitalization resulting in large efficiency gains in the forest sector, increased production, reduced environmental impacts, and significant climate benefits. SmartForest will result in a series of innovations and be the catalyst for an internationally competitive forest-tech sector in Norway. The fundamental components for achieving this are in place; a unified and committed forest sector, a leading R&D environment, and a series of progressive data and technology companies. The primary objective of SmartForest is to improve the efficiency of the Norwegian forest sector by enabling a digital revolution transforming forest information, silviculture, forest operations, wood supply and the overall digital information flow in the sector. The digital transformation will be enabled by a series of innovations that will form the foundation for the development for of a strong Forest-tech sector in Norway. Project Leader for SmartForest is NIBIO Norsk institutt for Bioøkonomi.

## DETALJER

---

### OPPRINNELSE FOR TRE

--

### TYPE TRE

--

### TYPE TRE INVOLVERT

--

### PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

--

### INNTEKTSEFFEKT

--

### UTNYTTELSESPOTENSIAL

--

### HUB

Northern Hub

### ØKONOMISK PÅVIRKNING

--

### SPESIFIKKE KUNNSKAPSBEHOV

--

### MOBILISERINGSPOTENSIAL

--

### BÆREKRAFTPOTENSIAL - VERDI

--

### ENKEL IMPLEMENTERING

--

### ENKEL IMPLEMENTERING - EVALUERING

--

### VIKTIGE FORUTSETNINGER

--

### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

### EFFEKT PÅ ARBEIDSPLASSER

--

### KOSTNADER MED IMPLEMENTERING (EURO - €)

--

## MER INFORMASJON

---

### UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

### NØKKEWORD

work smarter  
efficiently  
precision

### OPPRINELSESLAND

Norge

### DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester  
Forskning og utvikling  
Innovasjonsledelse, digitale knutepunkter, klynger

### DIGITAL LØSNING

Ja

### POTENSIALE

Nasjonal

### TYPE LØSNING

Nettverk, testbed, FoU plattform

### INNOVASJON

Ja

### START OG SLUTT ÅR

2020 - 2028

## KONTAKT INFORMASJON

---

### EIER ELLER FORFATTER

#### NIBIO

Bjørn Havard Evjen  
bjorn.havard.evjen@nibio.no  
<https://www.nibio.no/en>

### RAPPORTØR

Tretorget Ltd  
Ola Rostad  
ola@tretorget.no

## REFERENCES AND RESOURCES

---

### HJEMMESIDE (HOVEDSIDE)

<https://smartforest.no/>

### PROSJEKTETS HJEMMESIDE

--

### REFERANSE TIL PROSJEKT

--

### RESSURSER

--



PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

16 des 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

