

Smart Forest | Bringing industry 4.0 to the Norwegian forest sector



We will work smarter, more efficiently and with more precision. We want to bring 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 bring 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 of a strong Forest-tech sector in Norway. Project Leader for SmartForest is NIBIO Norsk institutt for Bioøkonomi.

DETALJER

VEDENS URSPRUNG

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TRÄTYP

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TYP AV TRÄ

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PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD

--

EKONOMISK EFFEKT

--

KOMMERSIELL POTENTIAL

--

NAV

Norra navet

EKONOMISK PÅVERKAN

--

SPECIFIKA KUNSKAPSBEHOV

--

MOBILISERINGSPOENTIAL

--

HÅLLBARHETS POTENTIAL - VÄRDE

--

ENKEL IMPLEMENTERING

--

ENKEL IMPLEMENTERING - UTVÄRDERING

--

NYCKEL FÖRUTSÄTTNINGAR

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TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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EFFEKT ANTAL ANSTÄLLDA

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KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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MER INFORMATION

UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
5. Förbättra ekonomisk och miljömässig prestanda för skogsförsörjningskedjor	Skogsförvaltning, skogskjötsel, ekosystemtjänster Forskning och utveckling Innovations ledning, digitala hubbar, kluster	Nätverk, testbädd, FoU plattform
NYCKELORD	DIGITAL LÖSNING	INNOVATION
work smarter efficiently precision	Ja	Ja
UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Norge	Nationell	2020 - 2028

KONTAKT INFORMASION

ÄGARE ELLER FÖRFATTARE	RAPPORTÖR
NIBIO	Tretorget Ltd
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https://www.nibio.no/en	

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)	RESURSER
https://smartforest.no/	--
PROJEKTETS HEMSIDA	
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PROJEKTREFERENS	
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LOGO FÖR BEST PRACTICE

LOGO, HUVUDORGANISATION



PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FÖR INLÄGG

16 dec 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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