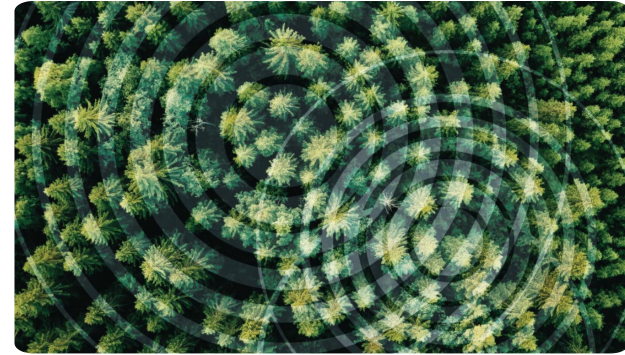# Smart Forest | Bringing industry 4.0 to the Norwegian forest sector

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.

DETAILS

ORIGIN OF WOOD

--

TYPE OF WOOD

--

KIND OF WOOD CONCERNED

--

IMPACT ON ENVIRONMENT & BIODIVERSITY

--

INCOME EFFECT

--

EXPLOITATION POTENTIAL

--

HUB

Northern Hub

ECONOMIC IMPACT

--

SPECIFIC KNOWLEDGE NEEDED

--

MOBILIZATION POTENTIAL

--

SUSTAINABILITY POTENTIAL - VALUE

--

EASE OF IMPLEMENTATION

--

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

--

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

--

COSTS OF IMPLEMENTATION (EURO - €)

--

MORE DETAILS

CHALLENGE ADDRESSED

5.- Enhance economic and environmental performance of forest supply chains

DOMAIN

Forest management, ecosystem, resilience

Research and development

Innovation management, hubs, clusters

TYPE OF SOLUTION

Networks, testbeds, R&D platforms

KEYWORDS

work smarter

efficiently

precision

DIGITAL SOLUTION

Yes

INNOVATION

Yes

COUNTRY OF ORIGIN

Norway

SCALE OF APPLICATION

National

START AND END YEAR

2020 - 2028

CONTACT DATA

OWNER OR AUTHOR

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REPORTER

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REFERENCES AND RESOURCES

MAIN WEBSITE

https://smartforest.no/

PROJECT WEBSITE

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PROJECT REFERENCE

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RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

16 Dec 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY