XYLOFOREST

Xyloforest is a research, innovation and service platform for cultivated forest systems, products and materials. Its objective is to contribute to the adaptation of forest resources to climate change. Its scientific objective is to improve knowledge and implement innovative solutions to increase the use of wood in construction, improve wood quality and develop green chemistry. The scope covers the entire forest-wood chain: Xylomic: genomics and tree phenotyping Xylobiotech: forest biotechnologies Xylosylve: innovative silvicultural systems Xyloplate: advanced wood engineering Xylomat: Composite wood-based products and biosourced materials Xylochem: Wood chemistry and bio-refinery Xyloforest developed in 2011 following the call for projects “Equipement d'Excellence” of the future investment program (ANR-10-EQPX-16). The project is scheduled to end in 2020, and the grant received for its entire duration is €10.2 million. The aid is distributed among the various partners for the purchase of equipment. Each technical platform has a laboratory with specific equipment to host new collaborative projects. Laboratories can provide the scientific community with premises, or data and host measurement and experimental equipment. They can also contribute their experience for product and service developments (e.g. STRADIVERNIS project for the development of an industrial varnish based on rosin and vegetable oil from the Xylomat platform). The XYLOFOREST platform is a support for teaching on forests and wood with more than 130 students trained, including 57 doctoral students since 2013.

DETALJER

OPPRINNELSE FOR TRE
Skog

TYPE TRE
Tre fra rundtvirke

TYPE TRE INVOLVERT
Stemwood

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD
Positive impact with equipment to assess the environmental balance of silvicultural systems (platforme Xylosylve)

INNTEKTSEFFEKT
NA

UTNYTTELSESPOTENSIAL
--

HUB
--

ØKONOMISK PåVIRKNING
NA

MOBILISERINGSPOTENSIAL
High potential for mobilization (not quantified)

BæREKRAFTPOTENSIAL - VERDI
--

ENKEL IMPLEMENTERING
Medium: purchase and use of new equipment, monitoring of devices and experiments

ENKEL IMPLEMENTERING - EVALUERING
--

VIKTIGE FORUTSETNINGER
NA

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT
--

EFFEKT På ARBEIDSPLASSER
Creation of jobs related to the new activities of the laboratories and many internships and theses related to the project

KOSTNADER MED IMPLEMENTERING (EURO - €)
--

SPESIFIKKE KUNNSKAPSBEHOV

High technical and scientific knowledge

MER INFORMASJON

UTFORDRING ADRESSERT

--

DOMENE

Forskning og utvikling

TYPE LøSNING

--

NøKKELORD

--

DIGITAL LøSNING

Nei

INNOVASJON

Nei

OPPRINELSESLAND

Frankrike

POTENSIALE

Nasjonal

START OG SLUTT åR

2011 - 2020

KONTAKT INFORMASJON

EIER ELLER FORFATTER

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RAPPORTøR

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

http://www.xyloforest.org/

RESSURSER

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PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

17 sep 2019

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