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

VEDENS URSPRUNG
Skog

TRäTYP
Rundvirke

TYP AV TRä
Stemwood

PåVERKAN På MILJö & BIOLOGISK MåNGFALD
Positive impact with equipment to assess the environmental balance of silvicultural systems (platforme Xylosylve)

EKONOMISK EFFEKT
NA

KOMMERSIELL POTENTIAL
--

NAV
--

EKONOMISK PåVERKAN
NA

MOBILISERINGSPOTENTIAL
High potential for mobilization (not quantified)

HåLLBARHETS POTENTIAL - VäRDE
--

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

ENKEL IMPLEMENTERING - UTVäRDERING
--

NYCKEL FöRUTSäTTNINGAR
NA

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS
--

EFFEKT ANTAL ANSTäLLDA
Creation of jobs related to the new activities of the laboratories and many internships and theses related to the project

KOSTNADER FöR IMPLEMENTERING (EURO - €)
--

SPECIFIKA KUNSKAPSBEHOV

High technical and scientific knowledge

MER INFORMATION

UTMANING SOM ADRESSERAS

--

DOMäN

Forskning och utveckling

TYPE AV LöSNING

--

NYCKELORD

--

DIGITAL LöSNING

Nej

INNOVASION

Nej

UPPHOVSLAND

Frankrike

POTENTIAL

Nationell

START OCH SLUTåR

2011 - 2020

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

remy.petit@inra.fr

RAPPORTöR

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

http://www.xyloforest.org/

RESURSER

--

PROJEKTETS HEMSIDA

--

PROJEKTREFERENS

--

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood

DATUM FöR INLäGG

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