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.

PODROBNOSTI

PôVOD DREVA

Les

DRUH DREVA

Kmeňové drevo

UVAžOVANý DRUH DREVA

Stemwood

VPLYV NA žIVOTNé PROSTREDIE A BIODIVERZITU

Positive impact with equipment to assess the environmental balance of silvicultural systems (platforme Xylosylve)

DOPAD NA PRíJMY

NA

POTENCIáL VYUžITIA

--

ROZBOčOVAč

--

EKONOMICKý VPLYV

NA

MOBILZAčNý POTENCIáL

High potential for mobilization (not quantified)

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

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

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

--

KľúčOVé PREPOKLADY

NA

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

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

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

POTREBA šPECIFICKýCH ZNALOSTí

High technical and scientific knowledge

VIAC INFORMáCIí

RIEšENá VýZVA

--

DOMAIN

Výskum a vývoj

TYP RIEšENIA

--

KľúčOVé SLOVá

--

DIGITALNE RIEšENIE

Nie

INOVáCIE

Nie

KRAJINA PôVODU

Francúzsko

ROZSAH APLIKáCIE

Národný

ZAČIATOK A KONIEC ROKA

2011 - 2020

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

remy.petit@inra.fr

REPORTéR

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

http://www.xyloforest.org/

ZDROJE

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PROJEKTOVá WEBSTRáNKA

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REFERENCIA PROJEKTU

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood

DáTUM ODOSLANIA

17 sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY