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

IZVOR LESA

Gozd

TIP LESA

Okrogli les

VRSTA OBRAVNAVANEGA LESA

Stemwood

VPLIV NA OKOLJE IN BIODIVERZITETO

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

VPLIV NA PRIHODKE

NA

POTENCIAL IZKORIŠČANJA

--

VOZLIŠČE

--

GOSPODARSKI VPLIV

NA

POTENCIAL ZA MOBILIZACIJO

High potential for mobilization (not quantified)

TRAJNOST - VREDNOST

--

ENOSTAVNOST IZVEDBE

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

ENOSTAVNOST IZVEDBE - OCENJEVANJE

--

KLJUČNI PREDPOGOJI

NA

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VPLIV NA DELOVNA MESTA

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

STROŠKI IZVEDBE (EURO - €)

--

POTREBNO SPECIFIČNO ZNANJE

High technical and scientific knowledge

VEČ PODROBNOSTI

IZZIV

--

DOMENA

Raziskave in razvoj

TIP REŠITVE

--

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

No

INOVACIJA

Ne

IZVORNA DRŽAVA

Francija

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

2011 - 2020

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

remy.petit@inra.fr

POROČEVALEC

REFERENCES AND RESOURCES

SPLETNA STRAN

http://www.xyloforest.org/

VIRI

--

SPLETNA STRAN PROJEKTA

--

REFERENCA PROJEKTA

--

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

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