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.

DETALJI

PODRIJETLO DRVA

Šuma

VRSTA DRVA

Deblo

ODGOVARAJUĆA VRSTA DRVA

Stemwood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

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

UČINAK NA PRIHOD

NA

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

--

GOSPODARSKI UČINAK

NA

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

High potential for mobilization (not quantified)

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

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

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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KLJUČNI PREDUVJETI

NA

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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UČINAK NA ZAPOŠLJIVOST

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

TROŠKOVI PROVEDBE (EURO - €)

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POTREBNA POSEBNA ZNANJA

High technical and scientific knowledge

VIŠE DETALJA

IZAZOV

--

DOMENA

Istraživanje i razvoj

VRSTA RJEŠENJA

--

KLJUČNE RIJEČI

--

DIGITALNO RJEŠENJE

Ne

INOVACIJA

Ne

ZEMLJA PODRIJETLA

Francuska

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2011 - 2020

KONTAKT PODATCI

VLASNIK ILI AUTOR

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IZVJESTITELJ

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

http://www.xyloforest.org/

WEB STRANICA PROJEKTA

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REFERENCA PROJEKTA

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IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood

DATUM UNOSA

17 ruj 2019

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