



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 “Equipeement 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.

## DETALII

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### SURSA DE LEMN

Pădure

### TIPUL DE LEMN

Lemn masiv

### TIPUL DE LEMN ÎN CAUZĂ

Stemwood

### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

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

### EFFECT ASUPRA VENITURILOR

NA

### POTENȚIAL DE EXPLOATARE

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### HUB

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### IMPACT ECONOMIC

NA

### POTENȚIALUL DE MOBILIZARE

High potential for mobilization (not quantified)

### POTENȚIAL DE SUSTENABILITATE - VALOARE

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### FACILITATEA DE IMPLEMENTARE

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

### FACILITATEA DE IMPLEMENTARE - EVALUARE

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### CONDIȚII CHEIE PREALABILE

NA

### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### EFFECT ASUPRA LOCURILOR DE MUNCĂ

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

### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## CUNOȘTINȚE SPECIFICE NECESARE

High technical and scientific knowledge

## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

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### CUVINTE CHEIE

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### ȚARA DE ORIGINE

Franța

### DOMAIN

Cercetare și dezvoltare

### SOLUȚIE DIGITALĂ

Nu

### SCARA DE APLICARE

Național

### TIP DE SOLUȚIE

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### INOVAȚIE

Nu

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2011 - 2020

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

### REPORTER

remy.petit@inra.fr

## REFERENCES AND RESOURCES

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### PAGINĂ WEB

<http://www.xyloforest.org/>

### WEBSITE PROJECT

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### REFERINȚĂ PROIECT

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### RESURSE

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PROIECTUL ÎN CADRUL CĂRUI A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ

Rosewood

DATA POSTĂRII

17 Sep 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

