



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 "Equipelement 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

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### 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 (plateforme Xylosylve)

### VPLIV NA PRIHODKE

NA

### POTENCIAL IZKORIŠČANJA

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### VOZLIŠČE

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### GOSPODARSKI VPLIV

NA

### POTENCIAL ZA MOBILIZACIJO

High potential for mobilization (not quantified)

### TRAJNOST - VREDNOST

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### ENOSTAVNOST IZVEDBE

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

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### KLJUČNI PREDPOGOJI

NA

### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### 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 - €)

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## **POTREBNO SPECIFIČNO ZNANJE**

High technical and scientific knowledge

VEČ  
PODROBNOSTI

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**IZZIV**

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**KLJUČNE BESEDE**

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**IZVORNA DRŽAVA**

Francija

**DOMENA**

Raziskave in razvoj

**DIGITALNE REŠITVE**

No

**OBSEG UPORABE**

Nacionalni

**TIP REŠITVE**

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**INOVACIJA**

Ne

**ZAČETNO IN KONČNO LETO**

2011 - 2020

KONTAKTN  
PODATKI

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**LASTNIK OZ. AVTOR**

**POROČEVALEC**

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REFERENCES  
AND RESOURCES

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**SPLETNA STRAN**

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

**SPLETNA STRAN PROJEKTA**

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**REFERENCA PROJEKTA**

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**VIRI**

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**PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI**

Rosewood

**DATUM OBJAVE**

17 Sep 2019

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**A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY**

