

## Neosylvaq (online wood auction)



The project aims to use new technologies to make the wood sales system economical and dynamic, and to fluidize information to increase wood mobilization and get forest owners involved in management.

Two tools have been developed:

- a computerized wood auction sale system coupled with an online sales platform: SYLVATRADE system
- a digital GIS data sharing platform for optimized management accessible to all stakeholders (owners, managers, buyers) called NEOSYLVIAQ.

In the long term, the expert firm Coudert wishes to organise wood sales exclusively online.

The computer sales tool (SYLVATRADE tool) is a platform created from a database to generate standardized batch records and edit contracts. It is associated with the NEOSYLVIAQ cartographic platform to give the buyer an overview of the lots, the location and outline of each lot on cartography, access and itineraries and finally facilitates the organization of lot visits.

At the time of the sale the buyer has several information on the lot on his digital tablet: geographical situation, cadastre, surface, species,... A quasi immediate computer processing makes it possible to display the best offer and its amount to the whole room. The computerized management makes it possible to treat approximately 90 000 m<sup>3</sup> of wood in 2 hours. Sales balances can be carried out by computer and quickly by species, volume class, and geographical unit. The group sales can be followed either remotely on the Internet, or in a room on digital tablets. The results of the offers appear in real time and the contractual documents are published during the sale and are signed electronically at the exit of sale.

## DÉTAILS

---

**ORIGINE DU BOIS**

Forêt

**TYPE DE BOIS**

Grume

**POTENTIEL DE MOBILISATION**

High potential : increases the volume of wood sold at the time of sale

**POTENTIEL DE DURABILITÉ - VALEUR**

--

**TYPE DE BOIS CONCERNÉ**

Stemwood

**FACILITÉ D'IMPLÉMENTATION**

Medium: creation of new computer tools

**IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ**

NA

**FACILITÉ D'IMPLÉMENTATION - ÉVALUATION**

--

**EFFET SUR LE REVENU**

NA

**PRÉREQUIS CLÉS**

Need for a mapping tool and a computer tool for use on a tablet

**POTENTIEL D'EXPLOITATION**

--

**TYPE D'éVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE**

--

**HUB**

--

**EFFET SUR L'EMPLOI**

NA

**IMPACT ÉCONOMIQUE**

Purchase of additional wood lots

**COÛTS D'IMPLÉMENTATION (EURO - €)**

--

**CONNAISSANCES SPÉCIFIQUES REQUISES**

Partnership with an IT development company

**PLUS DE  
DÉTAILS**

---

| DÉFI CONCERNÉ  | DOMAINE                     | TYPE DE SOLUTION                            |
|----------------|-----------------------------|---|
| --             | Produits, marchés, commerce | Modélisation, DSS, simulation, optimisation |
| MOTS-CLÉS      | SOLUTION DIGITALE           | INNOVATION                                  |
| --             | Oui                         | Oui   |
| PAYS D'ORIGINE | ÉCHELLE D'APPLICATION       | DÉBUT ET FIN D'ANNÉE                        |
| France         | Régionale/subnationale      | 2018 -                                      |

**INFORMATIONS  
DE CONTACT**

---

**PROPRIÉTAIRE OU AUTEUR**

contact@cabinet-coudert.com

**RAPPORTEUR**

**REFERENCES  
AND RESOURCES**

---

**SITE WEB PRINCIPAL**

<http://www.cabinet-coudert.com>

**RESSOURCES**

--

**SITE WEB DU PROJET**

--

**RÉFÉRENCE DU PROJET**

--

---

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A ÉTÉ CRÉÉE

Rosewood

DATE DE PUBLICATION

27 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

