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 NEOSYLVAQ.

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 NEOSYLVAQ 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 m3 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

TYPE DE BOIS CONCERNé
Stemwood

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé
NA

EFFET SUR LE REVENU
NA

POTENTIEL D'EXPLOITATION
--

HUB
--

IMPACT éCONOMIQUE
Purchase of additional wood lots

CONNAISSANCES SPéCIFIQUES REQUISES
Partnership with en IT development company

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

POTENTIEL DE DURABILITé - VALEUR
--

FACILITé D'IMPLéMENTATION
Medium: creation of new computer tools

FACILITé D'IMPLéMENTATION - ÉVALUATION
--

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

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE
--

EFFET SUR L'EMPLOI
NA

COûTS D'IMPLéMENTATION (EURO - €)
--

PLUS DE DéTAILS

DéFI CONCERNé

--

DOMAINE

Produits, marchés, commerce

TYPE DE SOLUTION

Modélisation, DSS, simulation, optimisation

MOTS-CLéS

--

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

France

ECHELLE D'APPLICATION

Régionale/subnationale

DéBUT ET FIN D'ANNéE

2018 -

INFORMATIONS DE CONTACT

PROPRIéTAIRE OU AUTEUR

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

http://www.cabinet-coudert.com

SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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RESSOURCES

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY