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.

DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Stemwood

IMPACT ON ENVIRONMENT & BIODIVERSITY

NA

INCOME EFFECT

NA

EXPLOITATION POTENTIAL

--

HUB

--

ECONOMIC IMPACT

Purchase of additional wood lots

SPECIFIC KNOWLEDGE NEEDED

Partnership with en IT development company

MOBILIZATION POTENTIAL

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

SUSTAINABILITY POTENTIAL - VALUE

--

EASE OF IMPLEMENTATION

Medium: creation of new computer tools

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

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

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

NA

COSTS OF IMPLEMENTATION (EURO - €)

--

MORE DETAILS

CHALLENGE ADDRESSED

--

KEYWORDS

--

COUNTRY OF ORIGIN

France

DOMAIN

Products, markets, trade

DIGITAL SOLUTION

Yes

SCALE OF APPLICATION

Regional/sub-national

TYPE OF SOLUTION

Modelling, simulation, optimization

INNOVATION

Yes

START AND END YEAR

2018 -

CONTACT DATA

OWNER OR AUTHOR

contact@cabinet-coudert.com

REPORTER

REFERENCES AND RESOURCES

MAIN WEBSITE

http://www.cabinet-coudert.com

PROJECT WEBSITE

--

PROJECT REFERENCE

--

RESOURCES

--

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

POST DATE

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