



ROSEWOOD
4.0 Sustainable Wood
for Europe

The project consists of creating a shared tool in the form of an online platform to facilitate the evaluation of supply plans and to limit conflicts of use from forest resources.

The tool integrates data related to the availability of the wood resource, taking into account harvests and past forest removals as well as the potential for additional wood energy and industrial wood harvesting. It thus provides an up-to-date view of the wood energy and wood industry resource at the departmental level.

In addition, the consumption of recent and planned biomass boiler is indicated in order to calculate the supply and demand balance for a territory.

Currently, the platform is tested and revised after feedback from users and experts associated with the project. It appears necessary to consolidate data on resource availability, biomass boiler consumption and other wood uses.

Data related to wood resources come from IGN inventories (National Institute for Geographic and Forestry Information), AGRESTE surveys (service of the Ministry of Agriculture and Food) and ADEME studies (Environment and Energy Management Agency).

With a single tool, it is possible to :

- monitor harvests and wood consumption at the departmental level,
- estimate the additional resource,
- use indicators of the capacity to mobilize the resource.

The platform provides summary tables on resource availability and a boiler consumption database. It allows users to monitor the evolution over time of biomass boiler and wood resource consumption.

It also provides related indicators to estimate the strain on the resource. Users can simulate the impact of a new boiler installation on their territory.

This type of tool appears necessary and useful both for public bodies for the implementation of their policy, and for industrialists who wish to develop their activities.

DETALLES

ORIGEN DE LA MADERA

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TIPO DE MADERA

Madera en rollo

POTENCIAL DE MOVILIZACIÓN

NA

TIPO DE MADERA AFECTADA

Stemwood, woody biomass, waste

FACILIDAD DE APLICACIÓN

Difficult

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

Little direct impact

FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

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EFFECTO SOBRE LOS INGRESOS

NA

PREREQUISITOS CLAVE

To have data on the different types of wood resources:stemwood, waste, related,...

POTENCIAL DE EXPLOTACIÓN

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TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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HUB

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EFFECTO SOBRE EL EMPLEO

Facilitates work to estimate boiler supply plans

IMPACTO ECONÓMICO

Platform used by public institutions or industries for decision support

COSTES DE IMPLEMENTACIÓN (EURO - €)

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CONOCIMIENTOS ESPECÍFICOS NECESARIOS

Boiler consumption, resource availability data at a departmental level

MÁS DETALLES

RETO ABORDADO	DOMINIO	TIPO DE SOLUCIÓN
--	Industria de la dendroenergía Gestión de la innovación, hubs digitales, clusters, explotación (transversal)	Plataformas de datos, centros de datos, datos abiertos
PALABRAS CLAVE	SOLUCIÓN DIGITAL	INNOVACIÓN
--	Sí	Si
PAÍS DE ORIGEN	ESCALA DE APLICACIÓN	AÑO DE INICIO Y FIN
Francia	Nacional	2016 -
DATOS DE CONTACTO		

PROPIETARIO O AUTOR REPORTADOR

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL RECURSOS

<http://observatoire-biomasse.franceagrimer.fr/>

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SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

FECHA DE MENSAJE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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