MOFOB



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.

DETTAGLI

ORIGINE DEL LEGNO
--

TIPO DI LEGNO
Fusto

TIPO DI LEGNO IN QUESTIONE
Stemwood, woody biomass, waste

IMPATTO SULL'AMBIENTE E LA BIODIVERSITà
Little direct impact

EFFETTO SUL REDDITO
NA

POTENZIALE DI SFRUTTAMENTO
--

HUB
--

IMPATTO ECONOMICO
Platform used by public institutions or industries for decision support

CONOSCENZE SPECIFICHE NECESSARIE
Boiler consumption, resource availability data at a departmental level

POTENZIALE DI MOBILITAZIONE
NA

POTENZIALE SOSTENIBILITà - VALORE
--

FACILITà DI IMPLEMENTAZIONE
Difficult

FACILITà DI IMPLEMENTAZIONE - VALUTAZIONE
--

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

TIPO DI EVENTO IN CUI QUESTO BPI è STATO PRESENTATO
--

EFFETTO SUL LAVORO
Facilitates work to estimate boiler supply plans

I COSTI DI ATTUAZIONE (EURO - €)
--

Più DETTAGLI

SFIDA RISOLTA

--

DOMINIO

industria energetica del legno

gestione dell'innovazione, mozzi digitali, cluster, sfruttamento (trasversale)

TIPO DI SOLUZIONE

piattaforme di dati, hub di dati, dati aperti

PAROLE CHIAVE

--

SOLUZIONE DIGITALE

Sì

INNOVAZIONE

Sì

PAESE D'ORIGINE

Francia

SCALA DI APPLICAZIONE

Nazionale

INIZIO E FINE ANNO

2016 -

CONTATTI

PROPRIETARIO O AUTORE

Alain.thivolle-cazat@fcba.fr

REPORTER

REFERENCES AND RESOURCES

SITO PRINCIPALE

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

SITO WEB DEL PROGETTO

--

PROGETTO DI RIFERIMENTO

--

RISORSE

--

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood

DATA DI INSERIMENTO

27 Set 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY