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.

DETALHES

ORIGEM DA MADEIRA
--

TIPO DE MADEIRA
Tronco

TIPO DE MADEIRA EM CAUSA
Stemwood, woody biomass, waste

IMPACTE NO AMBIENTE E BIODIVERSIDADE
Little direct impact

IMPACTE NAS RECEITAS
NA

POTENCIAL DE EXPLORAçãO
--

HUB
--

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

CONHECIMENTOS ESPECIFICOS NECESSáRIOS
Boiler consumption, resource availability data at a departmental level

POTENCIAL DE MOBILIZAçãO
NA

SUSTENTABILIDADE POTENCIAL - VALOR
--

FACILIDADE DE IMPLEMENTAçãO
Difficult

FACILIDADE DE IMPLEMENTAçãO
--

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

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO
--

IMPACTE NO EMPREGO
Facilitates work to estimate boiler supply plans

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)
--

MAIS DETALHES

DESAFIO ABORDADO

--

DOMíNIO

Industria da madeira para energia

Inovações na gestão , pólos digitais, agrupamentos, exploração (transversal)

TIPO DE SOLUçãO

Plataformas de dados, centros de dados, partilha de dados

PALAVRAS-CHAVE

--

SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

França

ESCALA DE APLICAçãO

Nacional

ANO DE INíCIO E FIM

2016 -

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

Alain.thivolle-cazat@fcba.fr

REPóRTER

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

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

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood

DATA DE ENTRADA

27 Set 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY