Description of INNOVATION

Innovation	
Title	MOFOB
Picture	
Domain	Digitalization / woody biomass / network
Source of wood	Stemwood, woody biomass, waste wood,
Location	France
Implementers	for biomass cells in public institutions that allocate state subsidies each years for the creation of new biomass boilers
Actual status	Running
Approach	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.
Main results	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.
Lessons learned	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.
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Link to website	http://observatoire-biomasse.franceagrimer.fr/
Code	IN_FR_05

Innovation assessment

Region	FRANCE
Time scale	Since 2016
Mobilization Potential	NA
Kind of wood concerned	Stemwood, woody biomass, waste
Sustainability Potential	Positive: evaluates the presence of stresses on the resource and avoids a boiler opening in this zone
Impact on environment & biodiversity	Little direct impact
Ease of implementation	Difficult
Economic impact	Platform used by public institutions or industries for decision support
Job effect	Facilitates work to estimate boiler supply plans
Income effect	NA
Specific knowledge needed	Boiler consumption, resource availability data at a departmental level
Costs of implementation	NA
Technical readiness level	Applicable in the next years

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