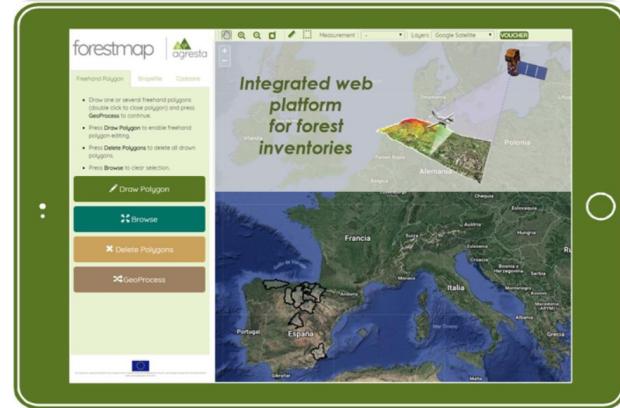


ForestMap | Calculate your forest inventory online



ForestMap is an e-commerce platform that allows users to make reliable and on-line forest inventories of a specific area in a rapid and simple way. It estimates all relevant variables included in a professional forest inventory through combination of pre-processed remote sensing data and powerful predictive models.

ForestMap intuitive interface allows anyone to automatically generate forest inventories of a chosen area without the need of field work and unnecessary delays. ForestMap is an unprecedented solution that delivers accurate, quick and cost-effective forest inventory reports. It is necessary to integrate a maximum of information sources to generate the most accurate, complete and updated inventories possible: LiDAR, satellite, photogrammetry, available terrain data... Stakeholders in the forestry sector are not used to working with technological tools, so it is important to do important demonstration work and support.

ForestMap has a positive impact for a major mobilisation of wood resources allowing forest-owners, operators and industries to assess stands in an easy and remote way. ForestMap is able to provide valuable reports on demand. An operative version of the web platform ([link](#)) is working for 10 provinces in Spain, that covers more than 3 M ha. ForestMap models showed a high performance in terms of accuracy (volume BIAS< 20%) and response times being able to produce a full inventory of less than 500ha in minutes.

ForestMap has been used to produce tailor-made products for specific uses and clients, based on innovation projects:

- Tool for calculating ([link](#))the amount of carbon in forest masses in the province of Bizkaia (Basque Country, Spain).
- Inventory mapping of fuel models tool and for the prevention and management of forest fires in La Rioja

DÉTAILS

ORIGINE DU BOIS	POTENTIEL DE MOBILISATION
--	Unknown
TYPE DE BOIS	POTENTIEL DE DURABILITé - VALEUR
--	--
TYPE DE BOIS CONCERNé	FACILITé D'IMPLéMENTATION
All kind of wood	Easy, basic digital skills
IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé	FACILITé D'IMPLéMENTATION - ÉVALUATION
Positive	--
EFFET SUR LE REVENU	PRéREQUIS CLéS
--	To know its existence
POTENTIEL D'EXPLOITATION	TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE
--	--
HUB	EFFET SUR L'EMPLOI
Pôle Sud-Ouest	--
IMPACT éCONOMIQUE	COÛTS D'IMPLéMENTATION (EURO - €)
--	--
CONNAISSANCES SPéCIFIQUES REQUISES	
Very high skills and knowledge in remote sensing, forestry and software development	

PLUS DE DÉTAILS

DéFI CONCERNé	DOMAINE	TYPE DE SOLUTION
5. Accroître les performances économiques et environnementales de la chaîne logistique forestière écosystémiques, résilience	Gestion forestière, sylviculture, services écosystémiques, résilience	Conseil, outils de service pour les propriétaires forestiers
MOTS-CLÉS	SOLUTION DIGITALE	INNOVATION
Forest inventory; resources; development	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DÉBUT ET FIN D'ANNÉE
Espagne	Nationale	2018 -

INFORMATIONS DE CONTACT

PROPRIéTAIRE OU AUTEUR

Agresta S. Coop.

David García

dgarcia@agresta.org

<https://agresta.org/>

RAPPORTEUR

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

<https://forestmap.eu>

RESSOURCES

--

SITE WEB DU PROJET

--

RéFéRENCE DU PROJET

--

LOGO DE LA BONNE
PRATIQUE



LOGO DE L'ORGANISATION
PRINCIPALE



PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRéÉE

Rosewood 4.0

DATE DE PUBLICATION

27 nov 2019



[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



Centro de Servicios y Promoción Forestal
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