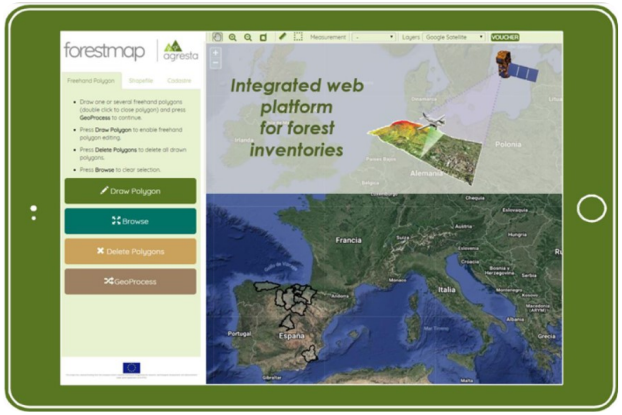
ForestMap | Calculate your forest inventory online



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 indutries 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

--

TYPE DE BOIS

--

TYPE DE BOIS CONCERNé

All kind of wood

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé

Positive

EFFET SUR LE REVENU

--

POTENTIEL D'EXPLOITATION

--

HUB

Pôle Sud-Ouest

IMPACT éCONOMIQUE

--

CONNAISSANCES SPéCIFIQUES REQUISES

Very high skills and knowledge in remote sensing, forestry and software development

POTENTIEL DE MOBILISATION

Unknown

POTENTIEL DE DURABILITé - VALEUR

--

FACILITé D'IMPLéMENTATION

Easy, basic digital skills

FACILITé D'IMPLéMENTATION - ÉVALUATION

--

PRéREQUIS CLéS

To know its existence

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE

--

EFFET SUR L'EMPLOI

--

COûTS D'IMPLéMENTATION (EURO - €)

--

PLUS DE DéTAILS

DéFI CONCERNé

5. Accroître les performances économiques et environnementales de la chaîne logistique forestière

DOMAINE

Getsion forestière, sylviculture, services écosystémiques, résilience

TYPE DE SOLUTION

Conseil, outils de service pour les propriétaires forestiers

MOTS-CLéS

Forest inventory; resources; development

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Espagne

ECHELLE D'APPLICATION

Nationale

DéBUT ET FIN D'ANNéE

2018 -

INFORMATIONS DE CONTACT

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RAPPORTEUR

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://forestmap.eu

SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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RESSOURCES

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LOGO DE LA BONNE PRATIQUE

LOGO DE L'ORGANISATION PRINCIPALE

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY