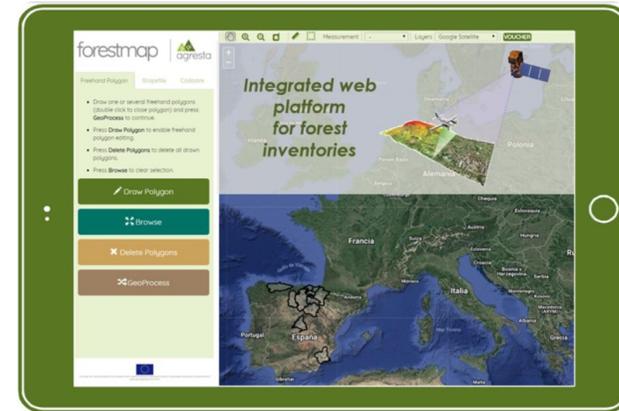


ForestMap | Calculate your forest inventory online



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

DETTAGLI

ORIGINE DEL LEGNO

--

TIPO DI LEGNO

--

TIPO DI LEGNO IN QUESTIONE

All kind of wood

IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ

Positive

EFFETTO SUL REDDITO

--

POTENZIALE DI SFRUTTAMENTO

--

HUB

Hub sud-ovest

IMPATTO ECONOMICO

--

CONOSCENZE SPECIFICHE NECESSARIE

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

POTENZIALE DI MOBILITAZIONE

Unknown

POTENZIALE SOSTENIBILITÀ - VALORE

--

FACILITÀ DI IMPLEMENTAZIONE

Easy, basic digital skills

FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE

--

PREREQUISITI CHIAVE

To know its existence

TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO

--

EFFETTO SUL LAVORO

--

I COSTI DI ATTUAZIONE (EURO - €)

--

PIÙ DETTAGLI

SFIDA RISOLTA

5. Migliorare le prestazioni economiche e ambientali delle filiere forestali

PAROLE CHIAVE

Forest inventory; resources; development

PAESE D'ORIGINE

Spagna

DOMINIO

La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza

SOLUZIONE DIGITALE

Sì

SCALA DI APPLICAZIONE

Nazionale

TIPO DI SOLUZIONE

strumenti di consulenza e servizi per i proprietari di foreste

INNOVAZIONE

Sì

INIZIO E FINE ANNO

2018 -

CONTATTI

PROPRIETARIO O AUTORE

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REPORTER

REFERENCES AND RESOURCES

SITO PRINCIPALE

<https://forestmap.eu>

SITO WEB DEL PROGETTO

--

PROGETTO DI RIFERIMENTO

--

RISORSE

--

LOGO DELLE MIGLIORI
PRATICHE



LOGO DELLA PRINCIPALE
ORGANIZZAZIONE



PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood 4.0

DATA DI INSERIMENTO

27 Nov 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

