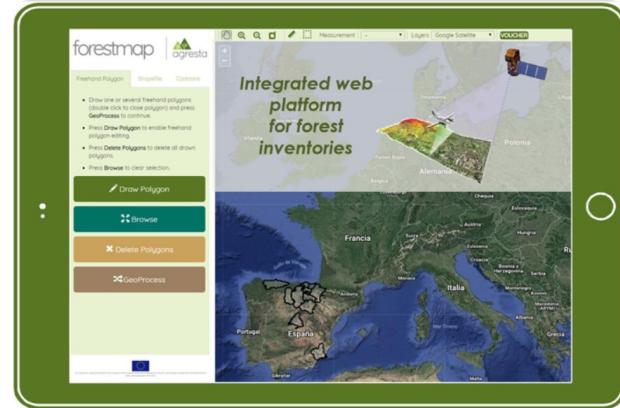


ForestMap | Calculate your forest inventory online



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	POTENZIALE DI MOBILITAZIONE
--	Unknown
TIPO DI LEGNO	POTENZIALE SOSTENIBILITÀ - VALORE
--	--
TIPO DI LEGNO IN QUESTIONE	FACILITÀ DI IMPLEMENTAZIONE
All kind of wood	Easy, basic digital skills
IMPATTO SULL'AMBIENTE E LA BIODIVERSITÀ	FACILITÀ DI IMPLEMENTAZIONE - VALUTAZIONE
Positive	--
EFFETTO SUL REDDITO	PREREQUISITI CHIAVE
--	To know its existence
POTENZIALE DI SFRUTTAMENTO	TIPO DI EVENTO IN CUI QUESTO BPI È STATO PRESENTATO
--	--
HUB	EFFETTO SUL LAVORO
Hub sud-ovest	--
IMPATTO ECONOMICO	I COSTI DI ATTUAZIONE (EURO - €)
--	--
CONOSCENZE SPECIFICHE NECESSARIE	
Very high skills and knowledge in remote sensing, forestry and software development	

PIÙ DETTAGLI

SFIDA RISOLTA	DOMINIO	TIPO DI SOLUZIONE
5. Migliorare le prestazioni economiche e ambientali delle filiere forestali	La gestione forestale, selvicoltura, i servizi ecosistemici, resilienza	strumenti di consulenza e servizi per i proprietari di foreste
PAROLE CHIAVE	SOLUZIONE DIGITALE	INNOVAZIONE
Forest inventory; resources; development	Sì	Sì
PAESE D'ORIGINE	SCALA DI APPLICAZIONE	INIZIO E FINE ANNO
Spagna	Nazionale	2018 -

CONTATTI

PROPRIETARIO O AUTORE	REPORTER
Agresta S. Coop. David García dgarcia@agresta.org https://agresta.org/	

REFERENCES AND RESOURCES

SITO PRINCIPALE	RISORSE
https://forestmap.eu	--
SITO WEB DEL PROGETTO	--
PROGETTO DI RIFERIMENTO	--

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



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