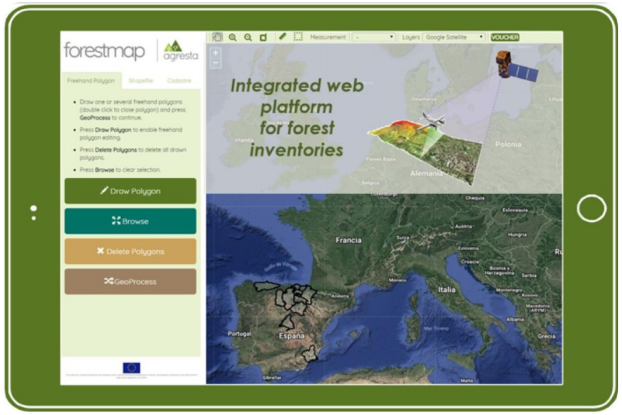
ForestMap | Calculate your forest inventory online



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

PODROBNOSTI

PôVOD DREVA

--

DRUH DREVA

--

UVAžOVANý DRUH DREVA

All kind of wood

VPLYV NA ŽIVOTNé PROSTREDIE A BIODIVERZITU

Positive

DOPAD NA PRíJMY

--

POTENCIáL VYUžITIA

--

ROZBOčOVAč

Juhozápadné centrum

EKONOMICKý VPLYV

--

POTREBA šPECIFICKýCH ZNALOSTí

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

MOBILZAčNý POTENCIáL

Unknown

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

Easy, basic digital skills

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

--

KľúčOVé PREPOKLADY

To know its existence

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

--

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

VIAC INFORMáCIí

RIEšENá VýZVA

5. Zlepšenie hospodárskej a environmentálnej výkonnosti dodávateľských reťazcov v lesníctve

DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolonosť

TYP RIEšENIA

Poradenské a servisné nástroje pre vlastníkov lesov

KľúčOVé SLOVá

Forest inventory; resources; development

DIGITALNE RIEšENIE

áno

INOVáCIE

Áno

KRAJINA PôVODU

Španielsko

ROZSAH APLIKáCIE

Národný

ZAČIATOK A KONIEC ROKA

2018 -

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

Agresta S. Coop.

David García

dgarcia@agresta.org

https://agresta.org/

REPORTéR

REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

https://forestmap.eu

PROJEKTOVá WEBSTRáNKA

--

REFERENCIA PROJEKTU

--

ZDROJE

--

LOGO NAJLPEŠEJ PRAXE

Forest Map

LOGO HLAVNEJ ORGANIZáCIE

agresta

PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

27 nov 2019

ROSEWOOD 4.0 Sustainable Wood for Europe

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León