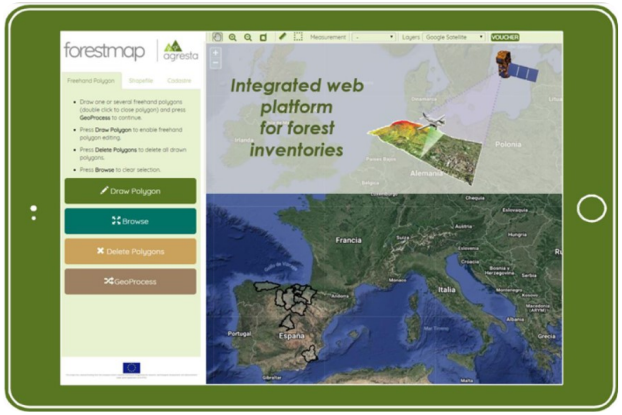
ForestMap | Calculate your forest inventory online



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

DETALJI

PODRIJETLO DRVA

--

VRSTA DRVA

--

ODGOVARAJUĆA VRSTA DRVA

All kind of wood

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

Positive

UČINAK NA PRIHOD

--

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

Jugozapadno čvorište

GOSPODARSKI UČINAK

--

POTREBNA POSEBNA ZNANJA

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

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

Unknown

POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

JEDNOSTAVNOST PROVEDBE

Easy, basic digital skills

JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

To know its existence

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

UČINAK NA ZAPOŠLJIVOST

--

TROŠKOVI PROVEDBE (EURO - €)

--

VIŠE DETALJA

IZAZOV

5. Unaprjeđenje učinkovitosti lanca opskrbe šumom na gospodarstvo i okoliš

DOMENA

Upravljanje šumama, uzgoj šuma, usluge ekosustava, otpornost

VRSTA RJEŠENJA

Savjetodavni i uslužni alati za vlasnike šuma

KLJUČNE RIJEČI

Forest inventory; resources; development

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

Španjolska

PODRUČJE PRIMJENE

Nacionalna

POČETAK I KRAJ GODINE

2018 -

KONTAKT PODATCI

VLASNIK ILI AUTOR

Agresta S. Coop.

David García

dgarcia@agresta.org

https://agresta.org/

IZVJESTITELJ

REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

https://forestmap.eu

IZVORI

--

WEB STRANICA PROJEKTA

--

REFERENCA PROJEKTA

--

LOGO PRIMJERA DOBRE PRAKSE

LOGO GLAVNE ORGANIZACIJE

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

27 stu 2019

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