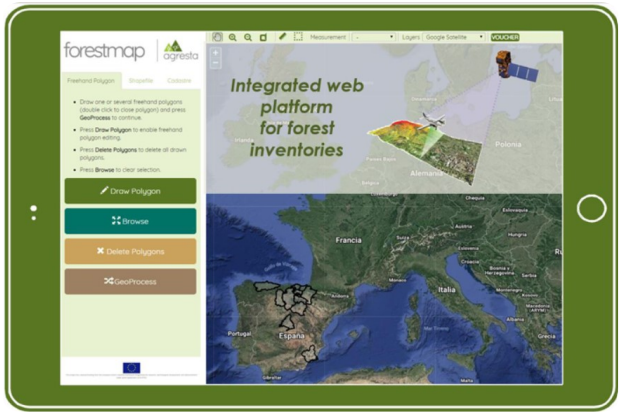
ForestMap | Calculate your forest inventory online



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

IZVOR LESA
--

TIP LESA
--

VRSTA OBRAVNAVANEGA LESA
All kind of wood

VPLIV NA OKOLJE IN BIODIVERZITETO
Positive

VPLIV NA PRIHODKE
--

POTENCIAL IZKORIŠČANJA
--

VOZLIŠČE
Jugozahodno vozlišče

GOSPODARSKI VPLIV
--

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

POTENCIAL ZA MOBILIZACIJO
Unknown

TRAJNOST - VREDNOST
--

ENOSTAVNOST IZVEDBE
Easy, basic digital skills

ENOSTAVNOST IZVEDBE - OCENJEVANJE
--

KLJUČNI PREDPOGOJI
To know its existence

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI
--

VPLIV NA DELOVNA MESTA
--

STROŠKI IZVEDBE (EURO - €)
--

VEČ PODROBNOSTI

IZZIV	DOMENA	TIP REŠITVE
5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve	Svetovanje in storitve za lastnike gozdov
KLJUČNE BESEDE	**DIGITALNE REŠITVE**	**INOVACIJA**
Forest inventory; resources; development	Da	Da
IZVORNA DRŽAVA	**OBSEG UPORABE**	**ZAČETNO IN KONČNO LETO**
Španija	Nacionalni	2018 -

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

Agresta S. Coop.

David García

dgarcia@agresta.org

https://agresta.org/

POROČEVALEC

REFERENCES AND RESOURCES

SPLETNA STRAN

https://forestmap.eu

SPLETNA STRAN PROJEKTA

--

REFERENCA PROJEKTA

--

VIRI

--

LOGOTIP DOBRE PRAKSE

Forest Map

LOGOTIP GLAVNE ORGANIZACIJE

agresta

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

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