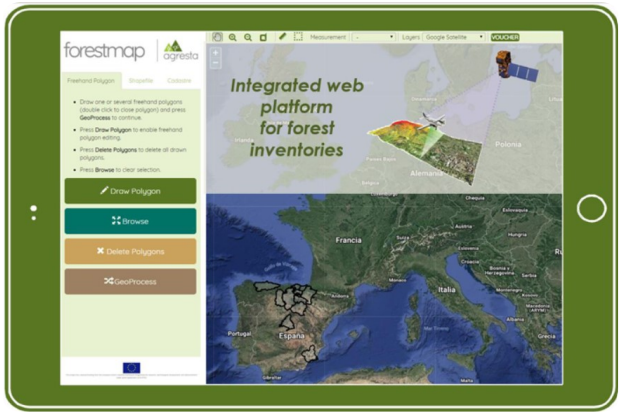
ForestMap | Calculate your forest inventory online



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

DETALLES

ORIGEN DE LA MADERA

--

TIPO DE MADERA

--

TIPO DE MADERA AFECTADA

All kind of wood

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

Positive

EFECTO SOBRE LOS INGRESOS

--

POTENCIAL DE EXPLOTACIóN

--

HUB

Centro del Suroeste

IMPACTO ECONóMICO

--

CONOCIMIENTOS ESPECíFICOS NECESARIOS

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

POTENCIAL DE MOVILIZACIóN

Unknown

POTENCIAL DE SOSTENIBILIDAD - VALOR

--

FACILIDAD DE APLICACIóN

Easy, basic digital skills

FACILIDAD DE IMPLEMENTACIóN - EVALUACIóN

--

PREREQUISITOS CLAVE

To know its existence

TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

--

EFECTO SOBRE EL EMPLEO

--

COSTES DE IMPLEMENTACIóN (EURO - €)

--

MáS DETALLES

RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

DOMINIO

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

TIPO DE SOLUCIóN

Herramientas de asesoramiento y servicios para propietarios forestales

PALABRAS CLAVE

Forest inventory; resources; development

SOLUCIóN DIGITAL

Sí

INNOVACIóN

Si

PAíS DE ORIGEN

España

ESCALA DE APLICACIóN

Nacional

AñO DE INICIO Y FIN

2018 -

DATOS DE CONTACTO

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

https://forestmap.eu

RECURSOS

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SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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LOGO DE LA BUENA PRáCTICA

LOGOTIPO DE LA ORGANIZACIóN PRINCIPAL

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

27 Nov 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