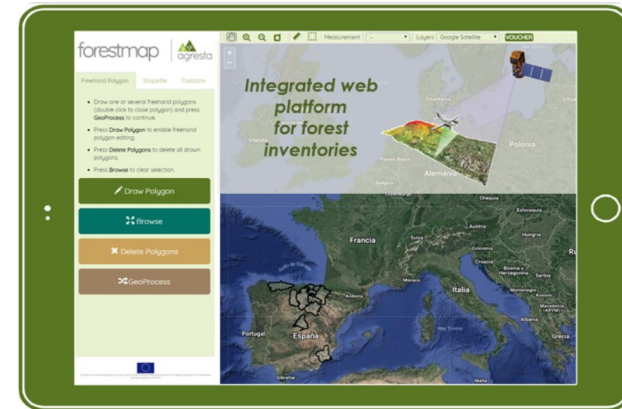


ForestMap | Calculate your forest inventory online



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

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

EFFECTO 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

--

EFFECTO SOBRE EL EMPLEO

--

COSTES DE IMPLEMENTACIÓN (EURO - €)

--

MÁS DETALLES

RETO ABORDADO

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

PALABRAS CLAVE

Forest inventory; resources; development

PAÍS DE ORIGEN

España

DOMINIO

Gestión forestal, silvicultura, servicios ecosistémicos, resiliencia

SOLUCIÓN DIGITAL

Sí

ESCALA DE APLICACIÓN

Nacional

TIPO DE SOLUCIÓN

Herramientas de asesoramiento y servicios para propietarios forestales

INNOVACIÓN

Si

AÑO DE INICIO Y FIN

2018 -

DATOS DE CONTACTO

PROPIETARIO O AUTOR

Agresta S. Coop.

David García

dgarcia@agresta.org

<https://agresta.org/>

REPORTADOR

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

<https://forestmap.eu>

SITIO WEB DEL PROYECTO

--

REFERENCIA DEL PROYECTO

--

RECURSOS

--

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



[Link to Rosewood 4.0](#)



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

