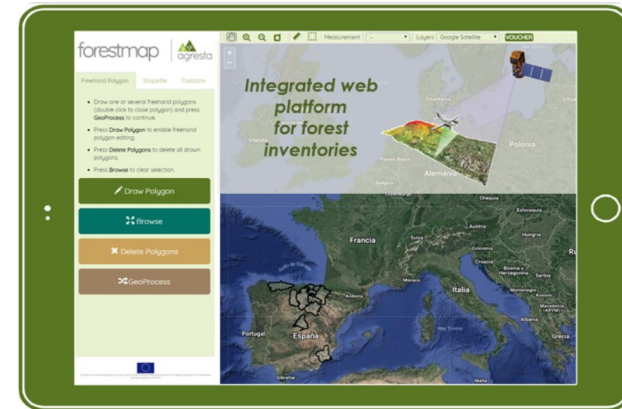


ForestMap | Calculate your forest inventory online



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

DETALHES

ORIGEM DA MADEIRA

--

TIPO DE MADEIRA

--

TIPO DE MADEIRA EM CAUSA

All kind of wood

IMPACTE NO AMBIENTE E BIODIVERSIDADE

Positive

IMPACTE NAS RECEITAS

--

POTENCIAL DE EXPLORAÇÃO

--

HUB

Pólo Sudoeste

IMPACTE ECONOMICO

--

CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

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

POTENCIAL DE MOBILIZAÇÃO

Unknown

SUSTENTABILIDADE POTENCIAL - VALOR

--

FACILIDADE DE IMPLEMENTAÇÃO

Easy, basic digital skills

FACILIDADE DE IMPLEMENTAÇÃO

--

PRE-REQUISITOS CHAVE

To know its existence

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

--

IMPACTE NO EMPREGO

--

CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

--

MAIS DETALHES

DESAFIO ABORDADO	DOMÍNIO	TIPO DE SOLUÇÃO
5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal	Gestão florestal, silvicultura, serviços do ecossistema, resiliencia	Ferramentas de consultoria e prestação de serviços a proprietários florestais
PALAVRAS-CHAVE	SOLUÇÃO DIGITAL	INOVAÇÃO
Forest inventory; resources; development	Sim	Sim
PAÍS DE ORIGEM	ESCALA DE APLICAÇÃO	ANO DE INÍCIO E FIM
Espanha	Nacional	2018 -

DADOS DE CONTACTO

PROPRIETÁRIO OU AUTOR

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REPÓRTER

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

<https://forestmap.eu>

WEBSITE DO PROJETO

--

REFERÊNCIA AO PROJETO

--

RECURSOS

--

LOGOTIPO DA BOA
PRÁTICA



LOGOTIPO DA ORGANIZAÇÃO
PRINCIPAL



PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

27 Nov 2019



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862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

