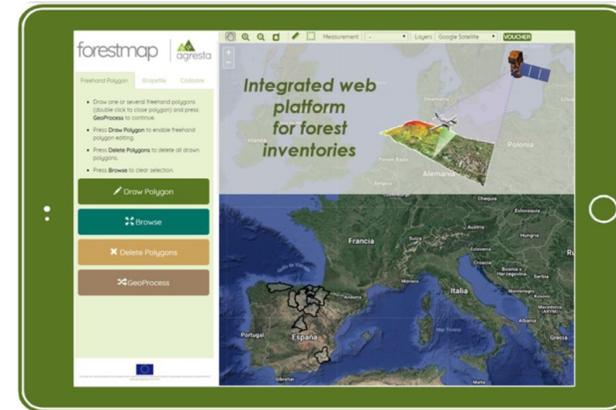


# ForestMap | Calculate your forest inventory online



*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

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### ORIGEM DA MADEIRA

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### TIPO DE MADEIRA

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### TIPO DE MADEIRA EM CAUSA

All kind of wood

### IMPACTE NO AMBIENTE E BIODIVERSIDADE

Positive

### IMPACTE NAS RECEITAS

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### POTENCIAL DE EXPLORAÇÃO

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### HUB

Pólo Sudoeste

### IMPACTE ECONOMICO

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### CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

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

### POTENCIAL DE MOBILIZAÇÃO

Unknown

### SUSTENTABILIDADE POTENCIAL - VALOR

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### FACILIDADE DE IMPLEMENTAÇÃO

Easy, basic digital skills

### FACILIDADE DE IMPLEMENTAÇÃO

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### PRE-REQUISITOS CHAVE

To know its existence

### TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

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### IMPACTE NO EMPREGO

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### CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

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## MAIS DETALHES

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<b>DESAFIO ABORDADO</b>	<b>DOMÍNIO</b>	<b>TIPO DE SOLUÇÃO</b>
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
<b>PALAVRAS-CHAVE</b>	<b>SOLUÇÃO DIGITAL</b>	<b>INOVAÇÃO</b>
Forest inventory; resources; development	Sim	Sim
<b>PAÍS DE ORIGEM</b>	<b>ESCALA DE APLICAÇÃO</b>	<b>ANO DE INÍCIO E FIM</b>
Espanha	Nacional	2018 -

## DADOS DE CONTACTO

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### PROPRIETÁRIO OU AUTOR

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### REPÓRTER

## REFERENCES AND RESOURCES

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### WEBSITE PRINCIPAL

<https://forestmap.eu>

### WEBSITE DO PROJETO

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### REFERÊNCIA AO PROJETO

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### RECURSOS

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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

