

# 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

## DETALII

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### SURSA DE LEMN

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### TIPUL DE LEMN

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### TIPUL DE LEMN ÎN CAUZĂ

All kind of wood

### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

Positive

### EFACT ASUPRA VENITURILOR

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### POTENȚIAL DE EXPLOATARE

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### HUB

Hub Sud-Vest

### IMPACT ECONOMIC

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### CUNOȘTINȚE SPECIFICE NECESARE

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

### POTENȚIALUL DE MOBILIZARE

Unknown

### POTENȚIAL DE SUSTENABILITATE - VALOARE

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### FACILITATEA DE IMPLEMENTARE

Easy, basic digital skills

### FACILITATEA DE IMPLEMENTARE - EVALUARE

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### CONDIȚII CHEIE PRELABILE

To know its existence

### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### EFACT ASUPRA LOCURILOR DE MUNCĂ

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### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

5. Îmbunătățirea performanțelor economice și de mediu ale lanțurilor de aprovizionare cu păduri

### CUVINTE CHEIE

Forest inventory; resources; development

### ȚARA DE ORIGINE

Spania

### DOMAIN

Managementul pădurilor, silvicultura, servicii ecosistemice, reziliență

### SOLUȚIE DIGITALĂ

Da

### SCARA DE APLICARE

Național

### TIP DE SOLUȚIE

Instrumente de consiliere și servicii pentru proprietarii de păduri

### INOVAȚIE

Da

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2018 -

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

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### REPORTER

## REFERENCES AND RESOURCES

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### PAGINĂ WEB

<https://forestmap.eu>

### WEBSITE PROJECT

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### REFERINȚĂ PROIECT

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### RESURSE

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PROIECTUL ÎN CADRUL CĂRUI A FOST CREATă ACEASTă FIȘă INFORMATIVă

Rosewood 4.0

DATA POSTĂRII

27 Noi 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

