

# 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

## DÉTAILS

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### ORIGINE DU BOIS

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### TYPE DE BOIS

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### TYPE DE BOIS CONCERNÉ

All kind of wood

### IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ

Positive

### EFFET SUR LE REVENU

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### POTENTIEL D'EXPLOITATION

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### HUB

Pôle Sud-Ouest

### IMPACT ÉCONOMIQUE

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### CONNAISSANCES SPÉCIFIQUES REQUISES

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

### POTENTIEL DE MOBILISATION

Unknown

### POTENTIEL DE DURABILITÉ - VALEUR

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### FACILITÉ D'IMPLÉMENTATION

Easy, basic digital skills

### FACILITÉ D'IMPLÉMENTATION - ÉVALUATION

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### PRÉREQUIS CLÉS

To know its existence

### TYPE D'ÉVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE

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### EFFET SUR L'EMPLOI

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### COÛTS D'IMPLÉMENTATION (EURO - €)

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## PLUS DE DÉTAILS

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<b>DÉFI CONCERNÉ</b>	<b>DOMAINE</b>	<b>TYPE DE SOLUTION</b>
5. Accroître les performances économiques et environnementales de la chaîne logistique forestière	Gestion forestière, sylviculture, services écosystémiques, résilience	Conseil, outils de service pour les propriétaires forestiers
<b>MOTS-CLÉS</b>	<b>SOLUTION DIGITALE</b>	<b>INNOVATION</b>
Forest inventory; resources; development	Oui	Oui
<b>PAYS D'ORIGINE</b>	<b>ECHELLE D'APPLICATION</b>	<b>DÉBUT ET FIN D'ANNÉE</b>
Espagne	Nationale	2018 -

## INFORMATIONS DE CONTACT

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### PROPRIÉTAIRE OU AUTEUR

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### RAPPORTEUR

## REFERENCES AND RESOURCES

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### SITE WEB PRINCIPAL

<https://forestmap.eu>

### SITE WEB DU PROJET

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### RÉFÉRENCE DU PROJET

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### RESSOURCES

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LOGO DE LA BONNE PRATIQUE

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LOGO DE L'ORGANISATION PRINCIPALE

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRééE

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

