

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

DETALJER

OPPRINNELSE FOR TRE

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TYPE TRE

--

TYPE TRE INVOLVERT

All kind of wood

PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

Positive

INNTEKTSEFFEKT

--

UTNYTTELSESPOTENSIAL

--

HUB

South-West Hub

ØKONOMISK PÅVIRKNING

--

SPESIFIKKE KUNNSKAPSBEHOV

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

MOBILISERINGSPOTENSIAL

Unknown

BÆREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

Easy, basic digital skills

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

To know its existence

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT PÅ ARBEIDSPLASSER

--

KOSTNADER MED IMPLEMENTERING (EURO - €)

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MER INFORMASJON

UTFORDRING ADRESSERT

5. Forbedre den økonomiske og miljømessige ytelsen i skogbrukets forsynings kjede

NØKKEWORD

Forest inventory; resources; development

OPPRINELSESLAND

Spania

DOMENE

Skogforvaltning, skogskjøtsel, økosystemtjenester

DIGITAL LØSNING

Ja

POTENSIALE

Nasjonal

TYPE LØSNING

Rådgivnings- og serviceverktøy for skogeiere

INNOVASJON

Ja

START OG SLUTT ÅR

2018 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

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RAPPORTØR

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

<https://forestmap.eu>

PROSJEKTETS HJEMMESIDE

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REFERANSE TIL PROSJEKT

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RESSURSER

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

