TRESTIMA | Forest Inventory System

TRESTIMA® is a new and innovative technology for forest inventory. Forest is measured by taking pictures with a mobile application. It automatically recognizes tree species and calculates forest variables, e.g. basal area, stem count, height, volume.

TRESTIMA® Forest Inventory System adds accuracy, speed, flexibility and objectivity to forest measurement. You can store different types of GPS-tagged data in the forest and later review your recordings with a computer or mobile device. Using TRESTIMA® is easy. Take a walk in the forest and at the same time create an accurate measurement of the forest by taking pictures with the mobile phone application. You can upload or draw forest compartments prior going to the forest after which you can see your own position and compartment borders in the screen. This makes navigation easy and you just have to shoot pictures evenly while you go. Measuring forests is easy, effective, objective and even fun! Measuring one forest hectare takes on average less than 5 minutes.

TRESTIMA® offers services for different users. Forest Managers can collect forest data by taking pictures and inputting with the mobile application designed for the purpose. Forest Owners are able to measure the value of their forest with TRESTIMA®-application. Wood buyers can measure forest to be cut fast and with ease to make an ad hoc offer and Realtors make a detailed and accurate estimate of the estate value and share it in a digital format with ease. Government officials may record GPS-tagged data in the field and measure growing timber. In addition, Mill gates and Terminals can measure piles of timber and pulpwood fast and accurately with TRESTIMA® Stack -application.

DETALHES

ORIGEM DA MADEIRA

--

TIPO DE MADEIRA

--

TIPO DE MADEIRA EM CAUSA

--

IMPACTE NO AMBIENTE E BIODIVERSIDADE

--

IMPACTE NAS RECEITAS

--

POTENCIAL DE EXPLORAçãO

--

HUB

Pólo Norte

IMPACTE ECONOMICO

--

CONHECIMENTOS ESPECIFICOS NECESSáRIOS

--

POTENCIAL DE MOBILIZAçãO

--

SUSTENTABILIDADE POTENCIAL - VALOR

--

FACILIDADE DE IMPLEMENTAçãO

--

FACILIDADE DE IMPLEMENTAçãO

--

PRE-REQUISITOS CHAVE

--

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

--

IMPACTE NO EMPREGO

--

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)

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MAIS DETALHES

DESAFIO ABORDADO

5. Melhorar o desempenho económico e ambiental das cadeias de abastecimento florestal

DOMÍNIO

Inventário, avaliação e monitorização

TIPO DE SOLUçãO

Sensores, eequipamentos de medição

PALAVRAS-CHAVE

monitoring; web app; mobile app; forest management plan;

SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

Finlândia

ESCALA DE APLICAçãO

Nacional

ANO DE INíCIO E FIM

2012 -

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://www.trestima.com/w/en/

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

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TRESTIMA
SEE THE WOOD FOR THE TREES

PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

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DATA DE ENTRADA

10 Dez 2021

ROSEWOOD 4.0 Sustainable Wood for Europe

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal
y de su Industria de Castilla y León

EFI