

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.

DETALLES

ORIGEN DE LA MADERA

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TIPO DE MADERA

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TIPO DE MADERA AFECTADA

--

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

--

EFFECTO SOBRE LOS INGRESOS

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POTENCIAL DE EXPLOTACIÓN

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HUB

Eje Norte

IMPACTO ECONÓMICO

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CONOCIMIENTOS ESPECÍFICOS NECESARIOS

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POTENCIAL DE MOVILIZACIÓN

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POTENCIAL DE SOSTENIBILIDAD - VALOR

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FACILIDAD DE APLICACIÓN

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FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

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PREREQUISITOS CLAVE

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TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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EFFECTO SOBRE EL EMPLEO

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COSTES DE IMPLEMENTACIÓN (EURO - €)

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MÁS DETALLES

RETO ABORDADO

5. Mejorar el rendimiento económico y medioambiental de las cadenas de suministro forestal

PALABRAS CLAVE

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

PAÍS DE ORIGEN

Finlandia

DOMINIO

Inventario, evaluación, seguimiento

SOLUCIÓN DIGITAL

Sí

ESCALA DE APLICACIÓN

Nacional

TIPO DE SOLUCIÓN

Sensores, equipos de medición

INNOVACIÓN

Si

AÑO DE INICIO Y FIN

2012 -

DATOS DE CONTACTO

PROPIETARIO O AUTOR

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REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

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

SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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RECURSOS

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

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FECHA DE MENSAJE

10 Dic 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

