# 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.

## DETTAGLI

**ORIGINE DEL LEGNO**

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**TIPO DI LEGNO**

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**TIPO DI LEGNO IN QUESTIONE**

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**IMPATTO SULL'AMBIENTE E LA BIODIVERSITà**

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**EFFETTO SUL REDDITO**

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**POTENZIALE DI SFRUTTAMENTO**

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**HUB**

Polo Nord

**IMPATTO ECONOMICO**

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**CONOSCENZE SPECIFICHE NECESSARIE**

--

**POTENZIALE DI MOBILITAZIONE**

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**POTENZIALE SOSTENIBILITà - VALORE**

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**FACILITà DI IMPLEMENTAZIONE**

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**FACILITà DI IMPLEMENTAZIONE - VALUTAZIONE**

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**PREREQUISITI CHIAVE**

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**TIPO DI EVENTO IN CUI QUESTO BPI è STATO PRESENTATO**

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**EFFETTO SUL LAVORO**

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**I COSTI DI ATTUAZIONE (EURO - €)**

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## PIù DETTAGLI

**SFIDA RISOLTA**

5. Migliorare le prestazioni economiche e ambientali delle filiere forestali

**PAROLE CHIAVE**

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

**PAESE D'ORIGINE**

Finlandia

**DOMINIO**

Inventario, la valutazione, il monitoraggio

**SOLUZIONE DIGITALE**

Sì

**SCALA DI APPLICAZIONE**

Nazionale

**TIPO DI SOLUZIONE**

I sensori, apparecchi di misura

**INNOVAZIONE**

Sì

**INIZIO E FINE ANNO**

2012 -

## CONTATTI

**PROPRIETARIO O AUTORE**

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## REFERENCES AND RESOURCES

**SITO PRINCIPALE**

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

**SITO WEB DEL PROGETTO**

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**PROGETTO DI RIFERIMENTO**

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**RISORSE**

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## PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

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## DATA DI INSERIMENTO

10 Dic 2021

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## A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

Centro de Servicios y Promoción Forestal
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EFI