

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.

DÉTAILS

ORIGINE DU BOIS

--

TYPE DE BOIS

--

TYPE DE BOIS CONCERNÉ

--

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ

--

EFFET SUR LE REVENU

--

POTENTIEL D'EXPLOITATION

--

HUB

Pôle Nord

IMPACT ÉCONOMIQUE

--

CONNAISSANCES SPÉCIFIQUES REQUISES

--

POTENTIEL DE MOBILISATION

--

POTENTIEL DE DURABILITÉ - VALEUR

--

FACILITÉ D'IMPLEMENTATION

--

FACILITÉ D'IMPLEMENTATION - ÉVALUATION

--

PRÉREQUIS CLÉS

--

TYPE D'ÉVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE

--

EFFET SUR L'EMPLOI

--

COÛTS D'IMPLEMENTATION (EURO - €)

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PLUS DE DÉTAILS

| | | |
|---|------------------------------------|--------------------------------|
| DÉFI CONCERNÉ | DOMAINE | TYPE DE SOLUTION |
| 5. Accroître les performances économiques et environnementales de la chaîne logistique forestière | Inventaire, diagnostic, monitoring | Capteurs, équipement de mesure |
| MOTS-CLÉS | SOLUTION DIGITALE | INNOVATION |
| monitoring; web app; mobile app; forest management plan; | Oui | Oui |
| PAYS D'ORIGINE | ECHELLE D'APPLICATION | DÉBUT ET FIN D'ANNÉE |
| Finlande | Nationale | 2012 - |

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

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

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

LOGO DE L'ORGANISATION PRINCIPALE



PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRéÉE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

