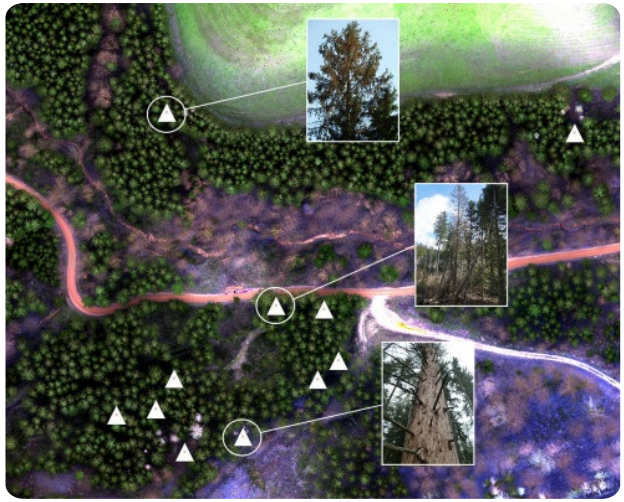
Festmeter | Bark beetle detection



FESTMETER Wöls Ltd. offers vitality analyses with a focus on bark beetle detection in coniferous forests.

Festmeter Wöls Ltd. offers vitality analyses with regard to bark beetle detection in coniferous forests. Using the carrier systems multicopter or light aircraft, forest plots are flown over in a grid system and aerial photographs are taken with a special camera, which are later analysed and evaluated on the computer. The technology used makes vitality restrictions visible, changes in the water content of the needles can be seen, but not the exact cause, such as the bark beetle itself. However, since image series from at least two flights at different times are compared, many other causes such as drought stress can be excluded and the bark beetle can be traced very closely. Initial trees are identified in the analysis, while the decision on necessary measures remains with the qualified on-site staff. A 100% hit rate is impossible. The aim should be to be able to act faster and more purposefully in the field. Long-standing customers report positive hit rates of over 80%.

MAI MULTE DETALII

PROVOCARE ABORDATă

1. Îmbunătățirea rezilienței pădurilor și adaptarea la schimbările climatice

DOMAIN

Inventariere, evaluare, monitorizare

TIP DE SOLUȚIE

Senzori, echipamente de măsurare

CUVINTE CHEIE

--

SOLUȚIE DIGITALă

Da

INOVAȚIE

Nu

ȚARA DE ORIGINE

Austria

SCARA DE APLICARE

Regional/ sub-național

ANUL DE îNCEPUT șI DE SFâRșIT

--

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REFERENCES AND RESOURCES

PAGINă WEB

https://www.festmeter.at

WEBSITE PROJECT

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REFERINță PROIECT

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RESURSE

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DESPRE EXEMPLUL DE BUNă PRACTICă

A PRINCIPALEI ORGANIZAțII

FESTMETER

PROIECTUL îN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

12 Aug 2021

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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