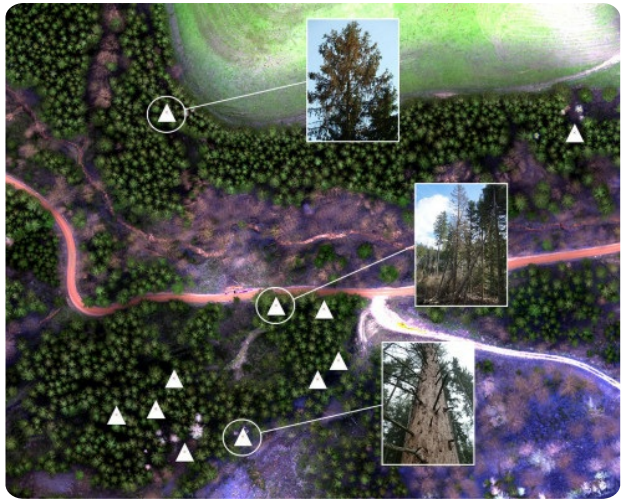
Festmeter | Bark beetle detection



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%.

MáS DETALLES

RETO ABORDADO

1. Mejorar la resistencia y la adaptación de los bosques al cambio climático

DOMINIO

Inventario, evaluación, seguimiento

TIPO DE SOLUCIóN

Sensores, equipos de medición

PALABRAS CLAVE

--

SOLUCIóN DIGITAL

Sí

INNOVACIóN

No

PAíS DE ORIGEN

Austria

ESCALA DE APLICACIóN

Regional/sub-nacional

AñO DE INICIO Y FIN

--

DATOS DE CONTACTO

PROPIETARIO O AUTOR

Festmeter Wöls GmbH

Dr. Kurt Wöls

woels@festmeter.at

www.festmeter.at

REPORTADOR

Holzcluster Steiermark GmbH

DI Masa Jasarevic

jasarevic@holzcluster-steiermark.at

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

https://www.festmeter.at

SITIO WEB DEL PROYECTO

--

REFERENCIA DEL PROYECTO

--

RECURSOS

--

LOGO DE LA BUENA PRáCTICA

LOGOTIPO DE LA ORGANIZACIóN PRINCIPAL

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood 4.0

FECHA DE MENSAJE

12 Ago 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY