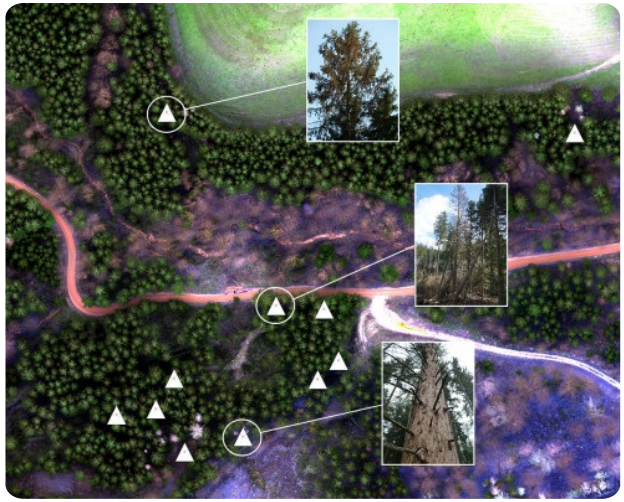
Festmeter | Bark beetle detection



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%.

MAIS DETALHES

DESAFIO ABORDADO

1. Melhorar a resiliência e adaptação das florestas às alterações climáticas

DOMíNIO

Inventário, avaliação e monitorização

TIPO DE SOLUçãO

Sensores, eequipamentos de medição

PALAVRAS-CHAVE

--

SOLUçãO DIGITAL

Sim

INOVAçãO

Não

PAíS DE ORIGEM

Áustria

ESCALA DE APLICAçãO

Regional/ sub-nacional

ANO DE INíCIO E FIM

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://www.festmeter.at

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

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LOGOTIPO DA BOA PRáTICA

LOGOTIPO DA ORGANIZAçãO PRINCIPAL

PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

12 Ago 2021

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