# Arboair | High precision imagery for bark beetle detection



***Precision forestry service that with the help of RGB and multispectral images from drones, airplanes, helicopters or satellites can detect bark beetle infected or stressed trees.***

Today, the technology for identifying bark beetle attacks in the forest is largely based on manual work through visual checks of forest areas, where early attacks are almost impossible to see, while old attacks are easier to detect. Attempts have been made to identify damage attacks using satellite radar maps which give a good indication and can be seen as a complementing part to our precision analysis. Arboair Forest Mapper is a service where you analyze your images via our AI. Our model is trained on over 200 000 trees and it is verified by forest managers.

## VEČ PODROBNOSTI

**IZZIV**

1. Izboljšava odpornosti gozdov in prilagoditev na klimatske spremembe

**DOMENA**

Inventura, ocena, monitoring

Motnje, tveganja, odziv na naravne nesreče

Raziskave in razvoj

**TIP REŠITVE**

Senzorji, merilna oprema

**KLJUČNE BESEDE**

Bark beetle; detection; drones; AI

**DIGITALNE REŠITVE**

Da

**INOVACIJA**

Da

**IZVORNA DRŽAVA**

Švedska

**OBSEG UPORABE**

Nacionalni

**ZAČETNO IN KONČNO LETO**

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## REFERENCES AND RESOURCES

**SPLETNA STRAN**

https://arboair.com

**SPLETNA STRAN PROJEKTA**

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**REFERENCA PROJEKTA**

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**VIRI**

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LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE ORGANIZACIJE

ARBOAIR

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

12 Aug 2021

ROSEWOOD 4.0 Sustainable Wood for Europe

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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