

## 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.

## VIŠE DETALJA

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### IZAZOV

1. Poboljšanje otpornosti šuma i prilagodbe klimatskim promjenama

### DOMENA

Popis, procjena, praćenje  
Nepovoljni prirodni uvjeti, rizici, odgovor na katastrofe  
Istraživanje i razvoj

### VRSTA RJEŠENJA

Senzori, mjerna oprema

### KLJUČNE RIJEČI

Bark beetle; detection; drones; AI

### DIGITALNO RJEŠENJE

Da

### INOVACIJA

Da

### ZEMLJA PODRIJETLA

Švedska

### PODRUČJE PRIMJENE

Nacionalna

### POČETAK I KRAJ GODINE

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## KONTAKT PODATCI

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## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

<https://arboair.com>

### WEB STRANICA PROJEKTA

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### REFERENCA PROJEKTA

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### IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 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

