

## 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.

## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

1. Îmbunătățirea rezilienței pădurilor și adaptarea la schimbările climatice

### DOMAIN

Inventariere, evaluare, monitorizare  
Perturbări ale pădurilor, riscuri, răspuns la dezastre  
Cercetare și dezvoltare

### TIP DE SOLUȚIE

Senzori, echipamente de măsurare

### CUVINTE CHEIE

Bark beetle; detection; drones; AI

### SOLUȚIE DIGITALĂ

Da

### INOVAȚIE

Da

### ȚARA DE ORIGINE

Suedia

### SCARA DE APLICARE

Național

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

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## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

Paper Province

Marcus Drugge

drugge@arboair.com

www.arboair.com

### REPORTER

Paper Province

Gunnar Hellerström

g.hellerstrom@paperprovince.com

## REFERENCES AND RESOURCES

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### PAGINĂ WEB

<https://arboair.com>

### WEBSITE PROJECT

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### REFERINȚĂ PROIECT

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### RESURSE

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATă ACEASTă FIȘă INFORMATIVă  
Rosewood 4.0

DATA POSTĂRII  
12 Aug 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

