

## 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.

## MER INFORMASJON

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### UTFORDRING ADRESSERT

1. Forbedre skogens robusthet og tilpasningsevne til Inventering, vurdering, overvåking  
klimaendringer

### DOMENE

Skogskader, risiko, katastrofeberedskap  
Forskning og utvikling

### TYPE LØSNING

Sensorer, måleinstrumenter

### NØKKEWORD

Bark beetle; detection; drones; AI

### DIGITAL LØSNING

Ja

### INNOVASJON

Ja

### OPPRINELSESLAND

Sverige

### POTENSIALE

Nasjonal

### START OG SLUTT år

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## KONTAKT INFORMASJON

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### RAPPORTØR

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## REFERENCES AND RESOURCES

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### HJEMMESIDE (HOVEDSIDE)

<https://arboair.com>

### RESSURSER

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### PROSJEKTETS HJEMMESIDE

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### REFERANSE TIL PROSJEKT

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

