BIODRONE

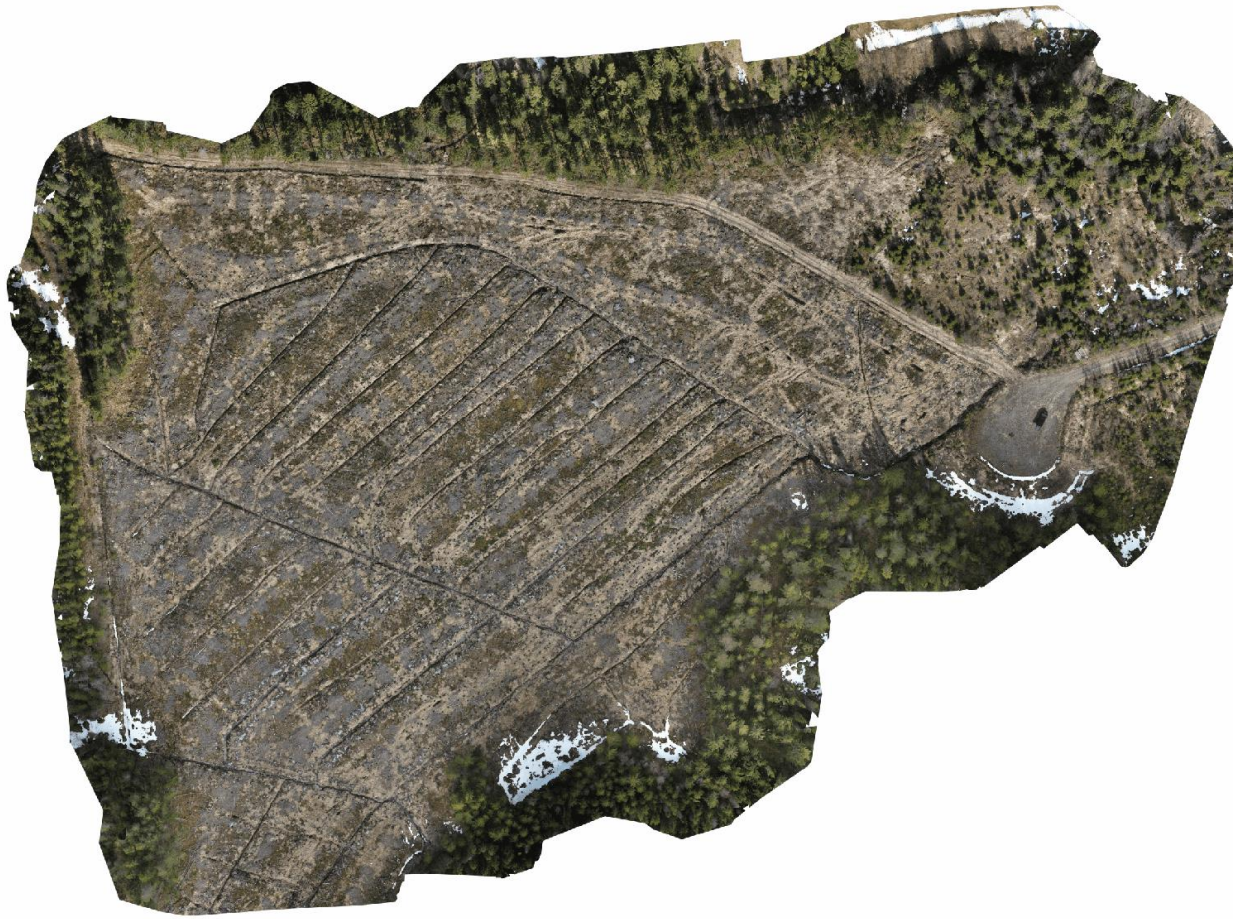
Droneservices for agriculture and forestry

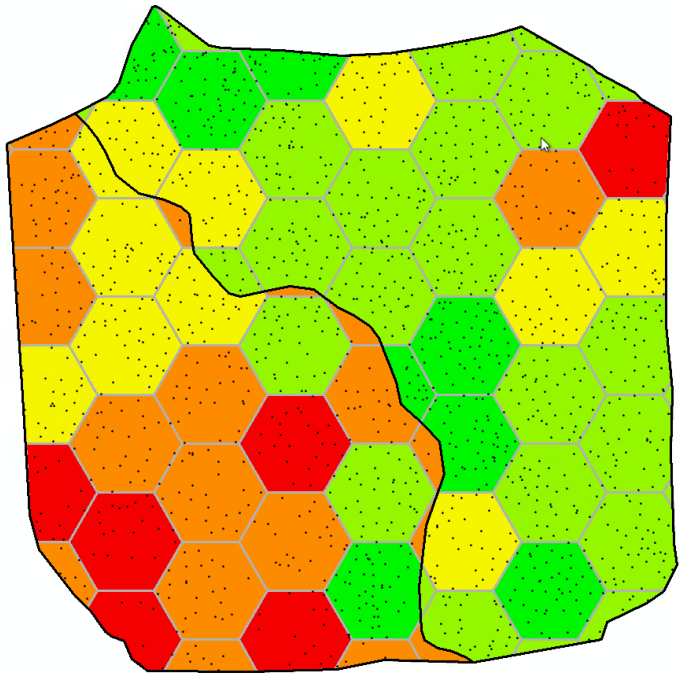
<u>Plantekontroll i foryngelsesfelt</u>

Avdekker behovet for suppleringsplanter

Antall pr dekar

Fra 3 år etter planting





Weed control in forestry

- 1 dekar (0.1ha) in 3-5 min
- Spotspraying
- Precise and consistant
- Research projects with NIBIO and NLR

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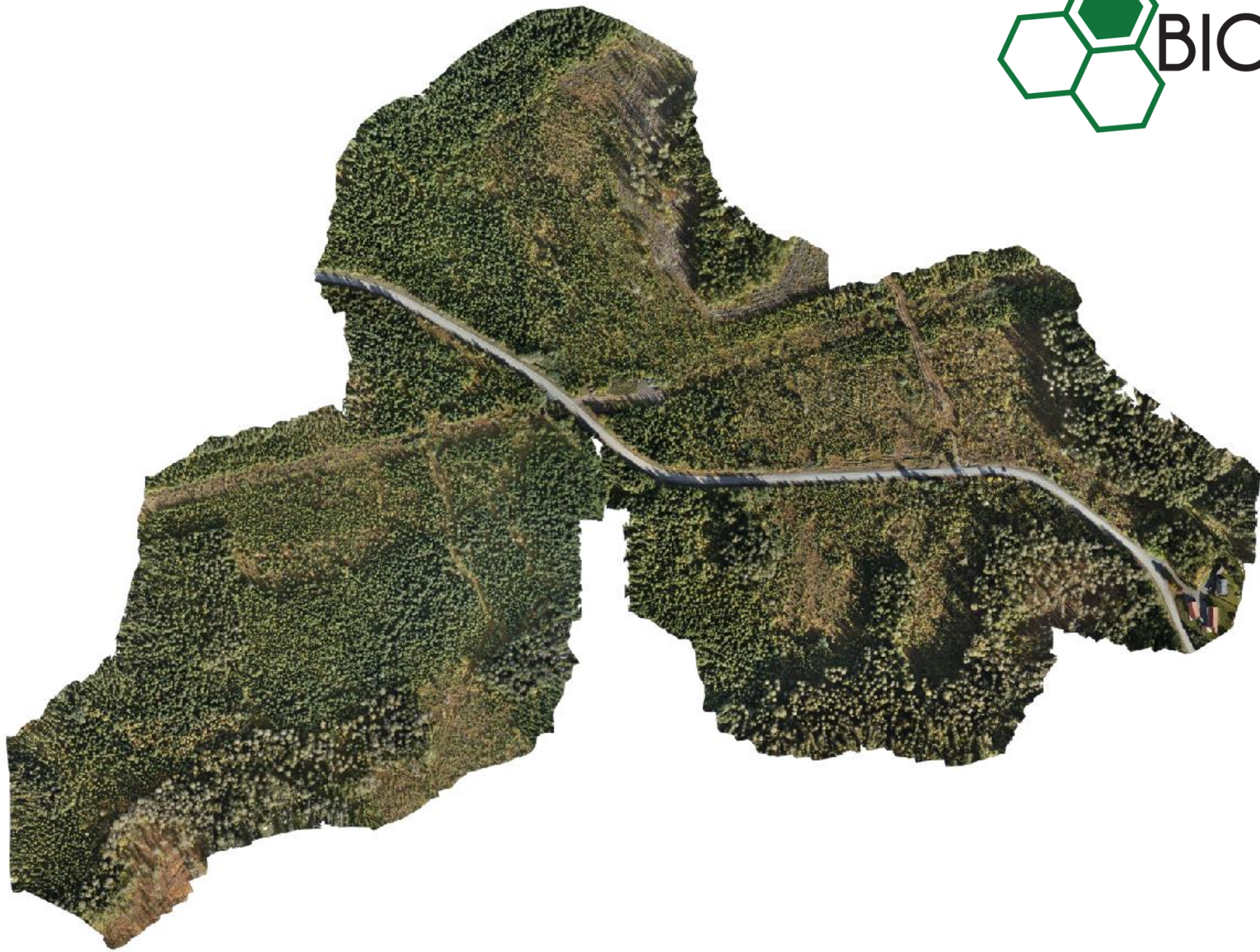

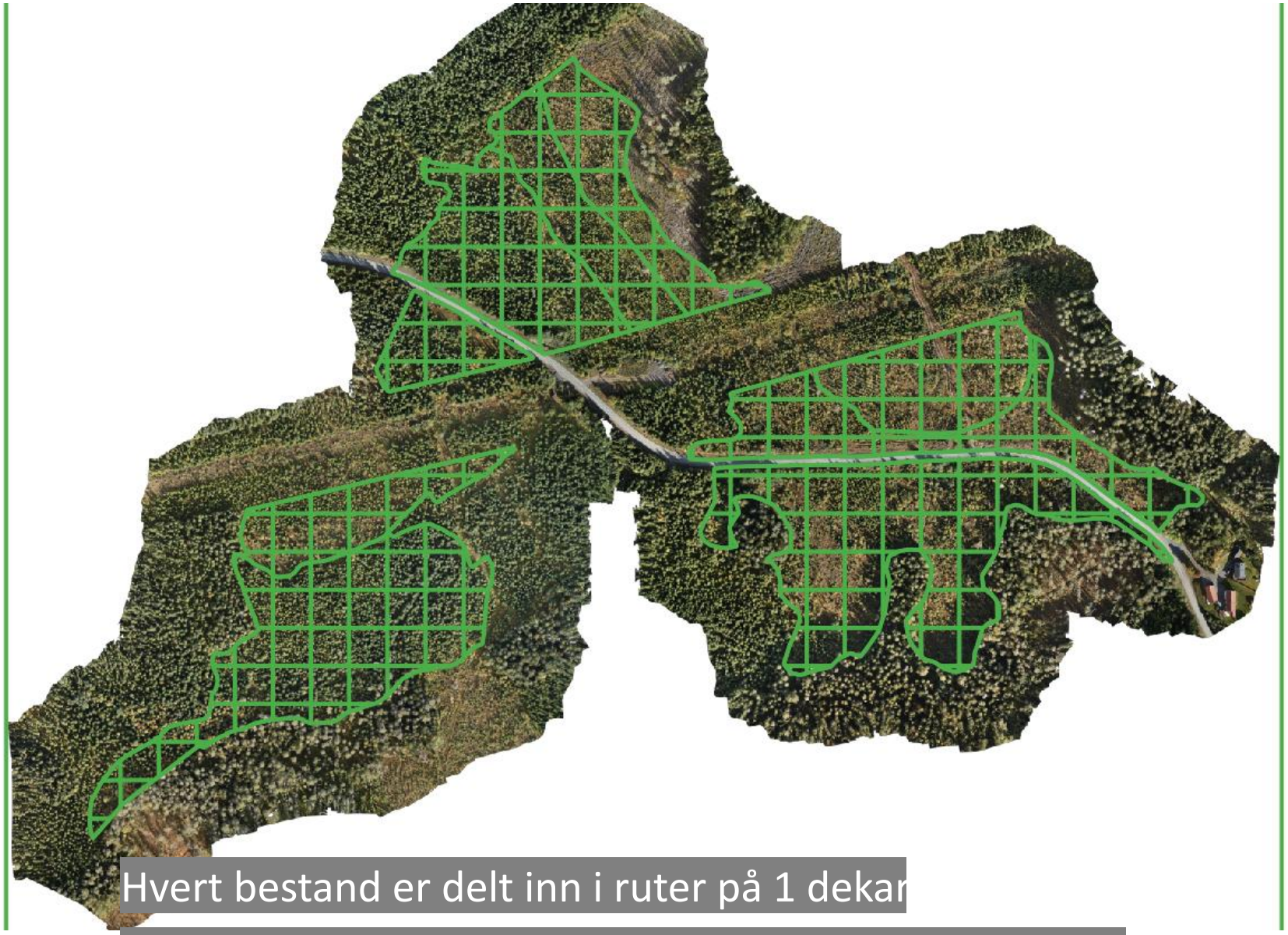

Hvert bestand er delt inn i ruter på 1 dekar

Inndelingen sendes som shapefil, og inneholder antall løv, antall bar og snitthøyde pr treslag for hver rute.

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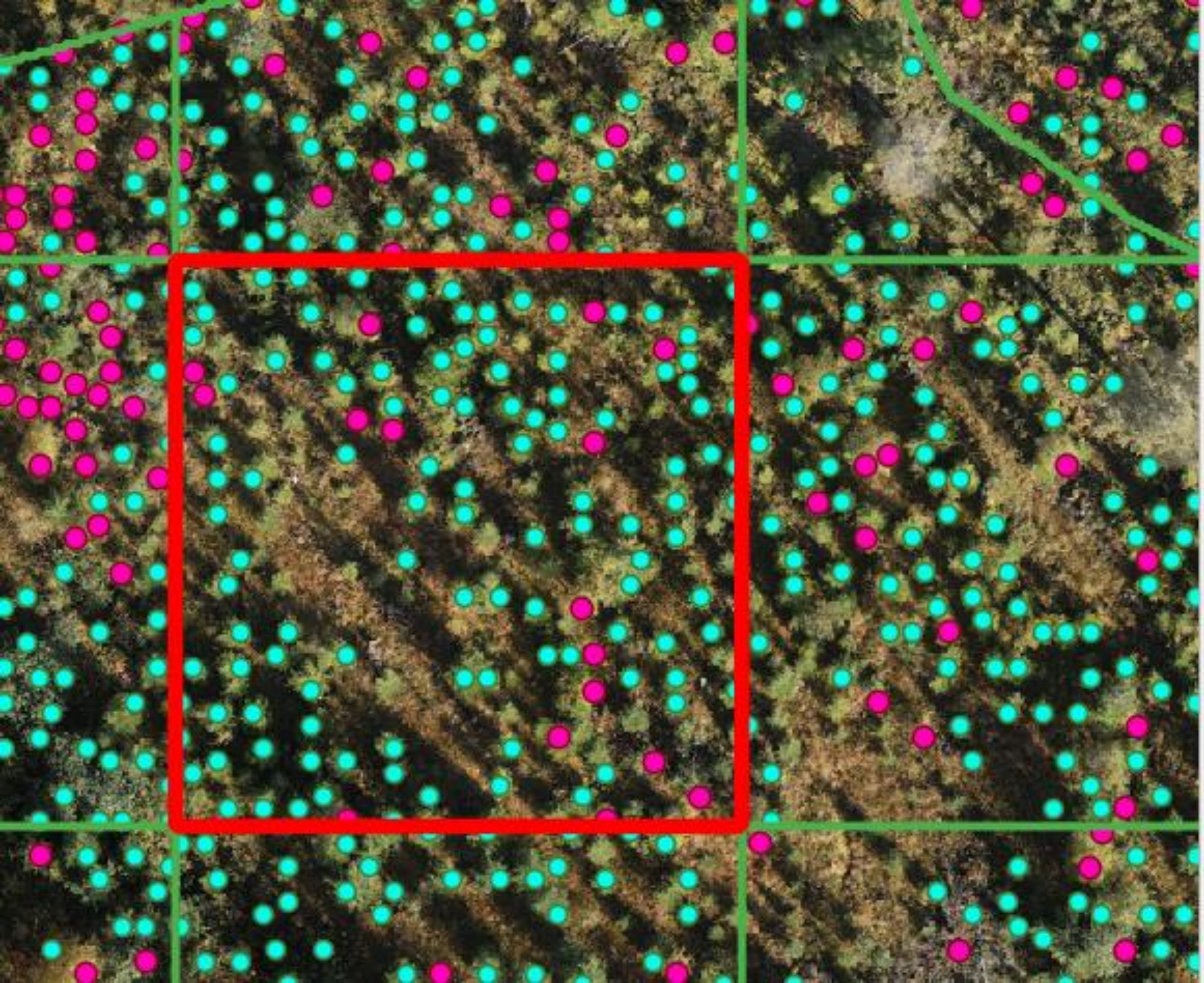


Identify Results

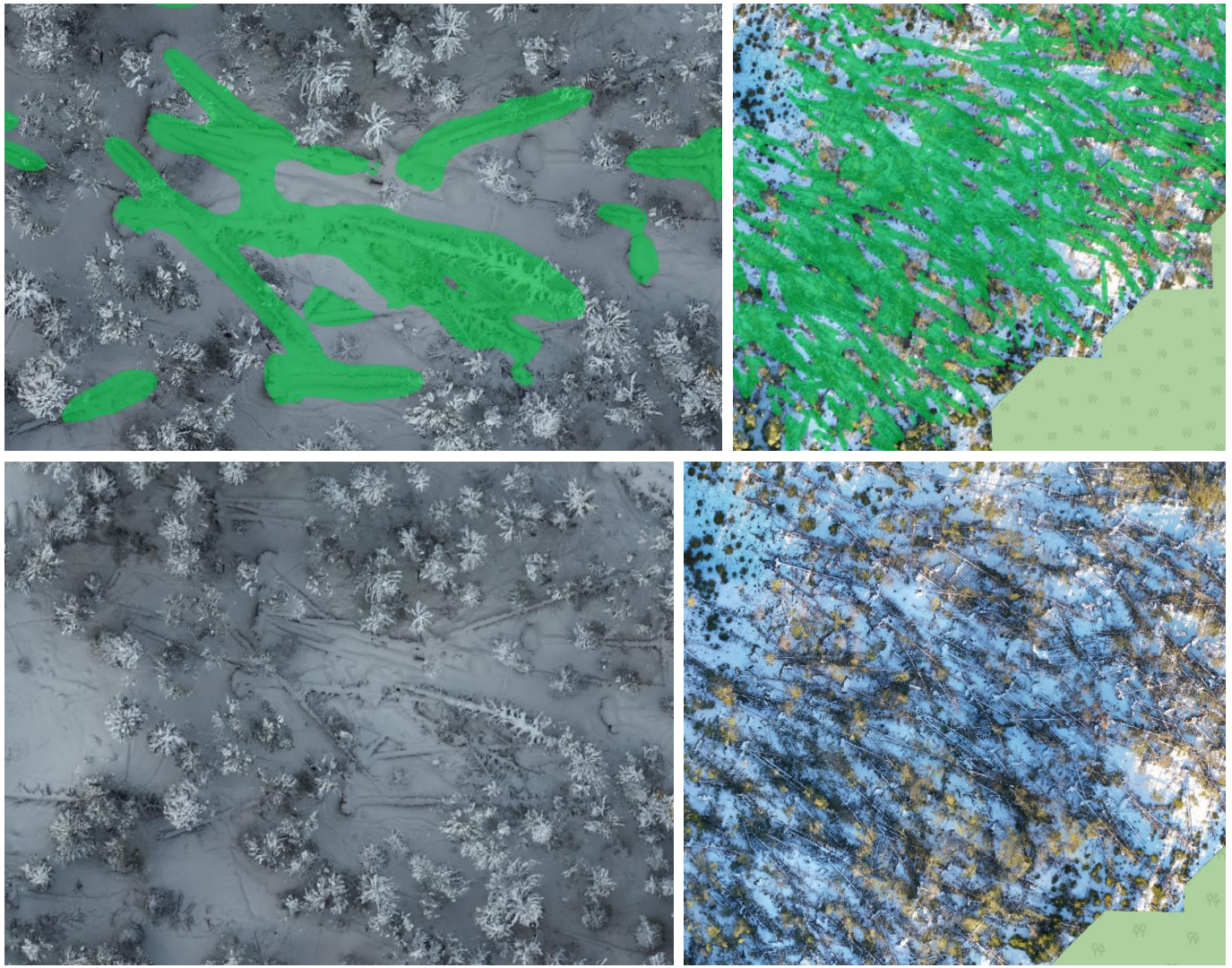
Feature	Value
Gjovik-orthomosaic_density	
Class_name	unclassified
(Derived)	
(Actions)	
Areal_ha	0,100347659050
Class_name	unclassified
mean_lauv	13,55205345153
mean_bar	14,547386925491
Num_bar	111,000000000
Num_lauv	16,000000000

Hvert bestand er delt inn i ruter på 1 dekar

Inndelingen sendes som shapefil, og inneholder antall løv, antall bar og snitthøyde pr treslag for hver rute.

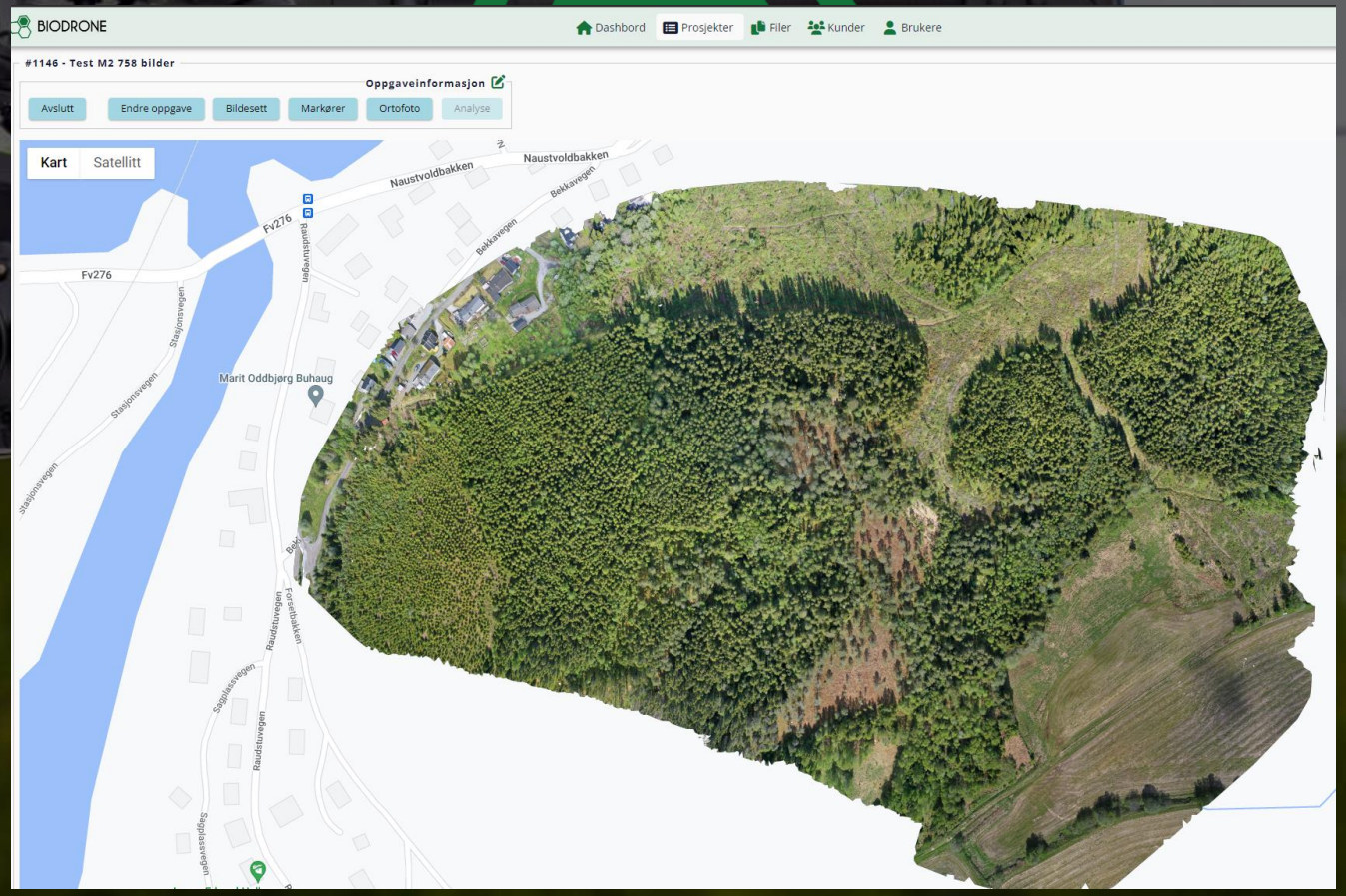
Stormdamages

1000 Hectares per hour



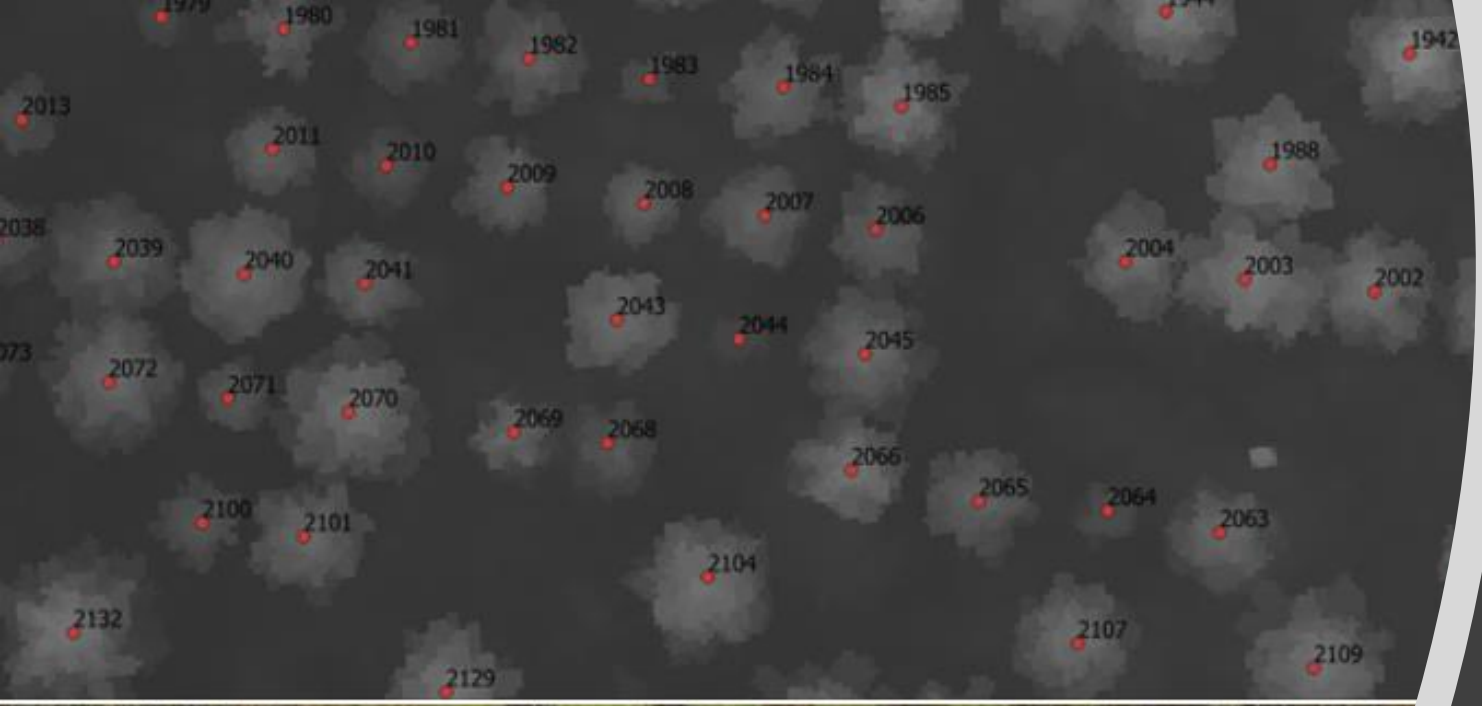
Biodrone AI-portal

1. Last opp dronebilder og generer ortofoto (eller last opp ferdig ortofoto)
2. Velg type analyse: Plantetelling, bar/lauv, tretelling, vindfall, rødhyll etc.
3. Exporter ortofoto og resultat som WMS eller last ned som shapefil.



Sowing and fertilizing

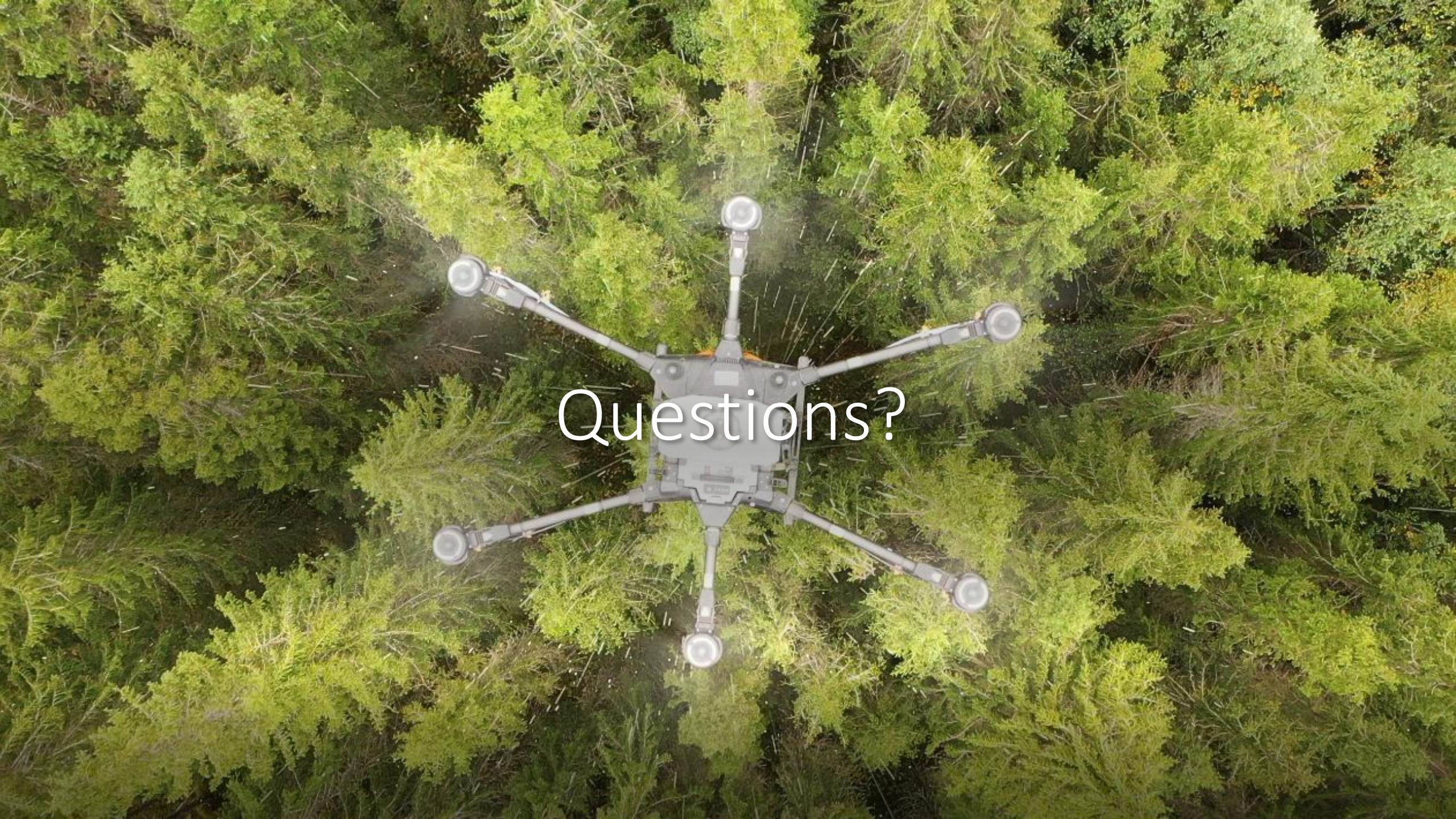
- Sowing grass and auxiliary plants in food production
- Restoration of pastures unavailable for tractors
- Fertilizing forests too small for helicopters



Høydemåling og koordinatfesting I forsøksfelt med LiDAR og RTK

Canopy sampling with drone

- Greatly reduces risk
- Highly effective
- Sampling is possible in all enviroments
- Uses coordinates from mapping with drone


Questions?

Thank you for your time!

post@biodrone.no