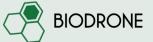




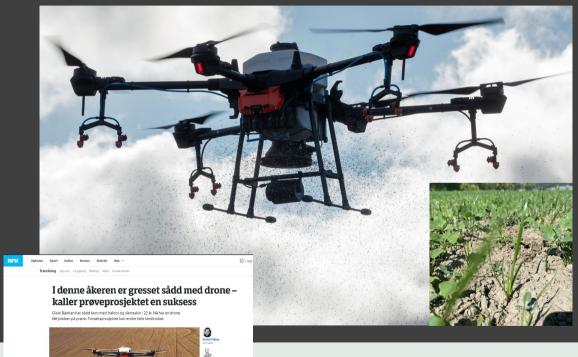
Weed control

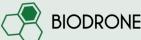


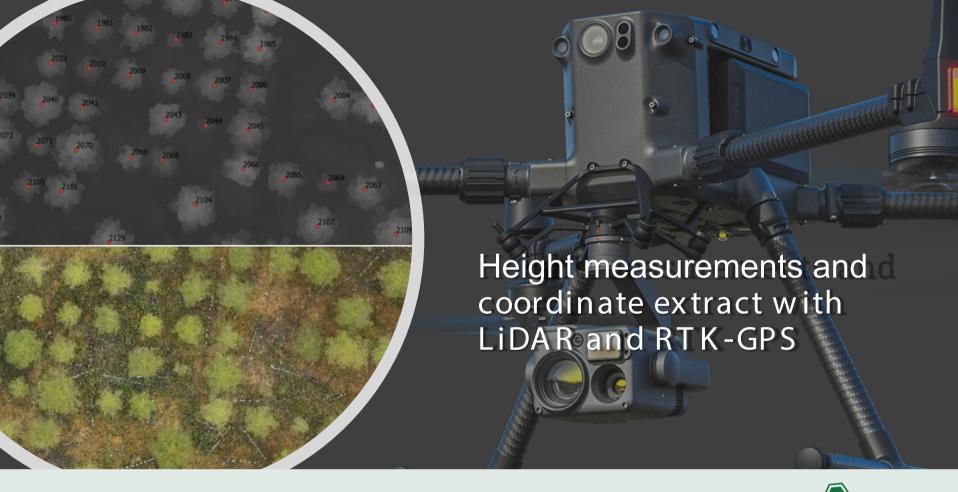


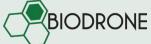
Sowing and fertilizing

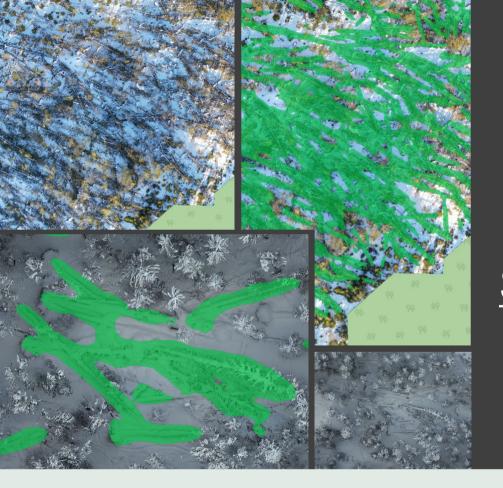
- Sowing grass and auxiliary plants in food production
- Restoration of pastures unavailable for tractors
- Fertilizing forests too small for helicopters













Storm damages
1000 Hectares per hour

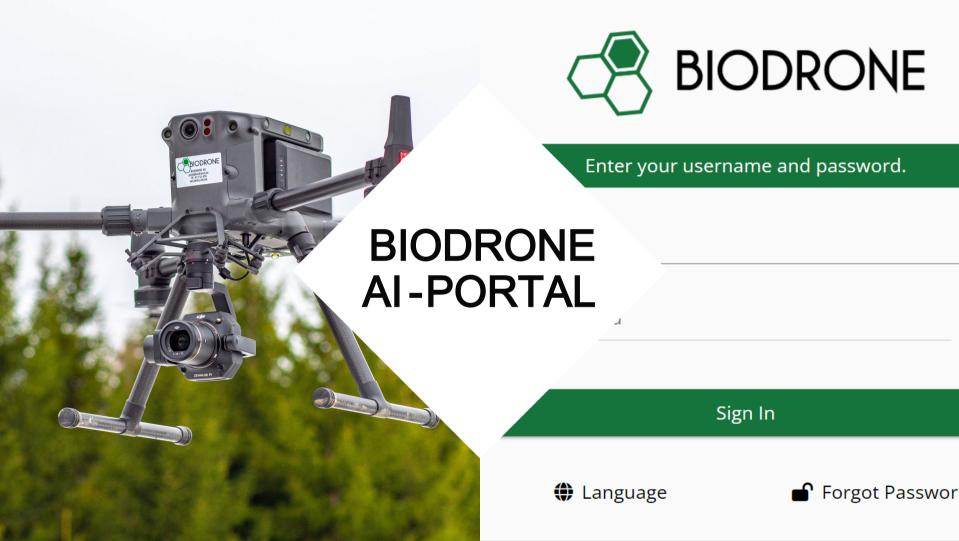




Canopy sampling with drone

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





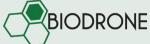
BIODRONE AFPORTAL

- >Upload drone images and generate orthomosaic (or upload orthomosaic)
- >Choose type of analysis
- Large scale information before and after harvest!
- Export results and orthomosaic as WMS or download as shapefile.



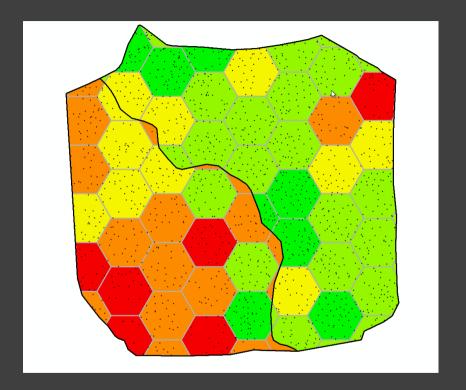




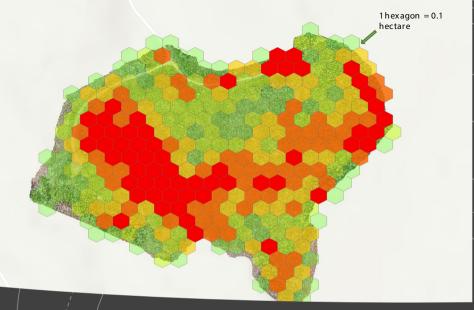


Sapling control

- Decides the need for additional plants.
- Gives the correct number pr hectar.
- Possible from 2-3 yrs after planting, dependent of growth rate and surroundings.









Mapping young forest thinning needs

Number of trees in total

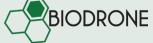
Number for each species

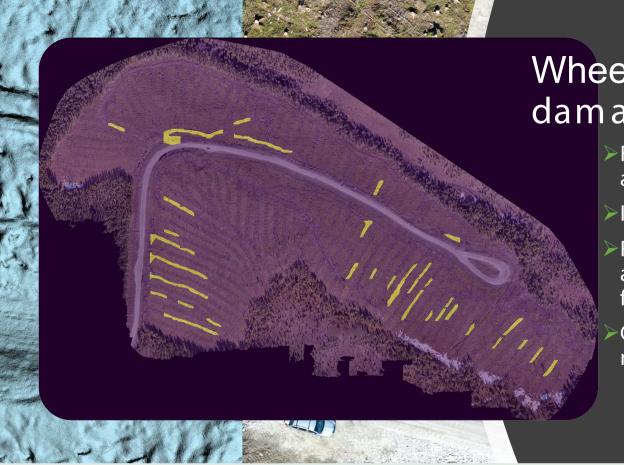
Mean height for each tree and species

Feature layer, multiple filtrations possible





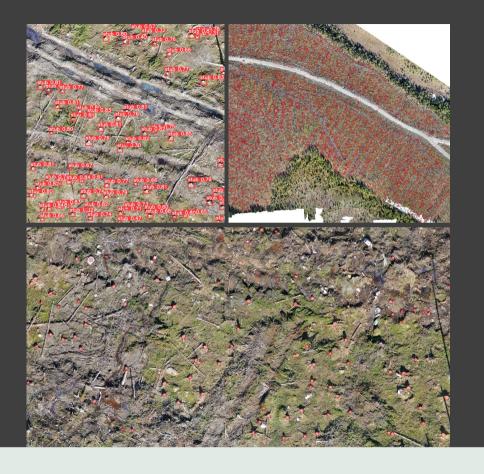




Wheel rutting and damages

- Fast post-harvest assessment
- ➤Individual damage threshold
- Reporting on length, depth and loss of water drainage function
- Creates coordinates from mapping with drone





Stump count

- >Assessment of remaining Biomass
- Exact stump count for replanting and harvest control
- Further potential for pest treatment (root rot-decay)





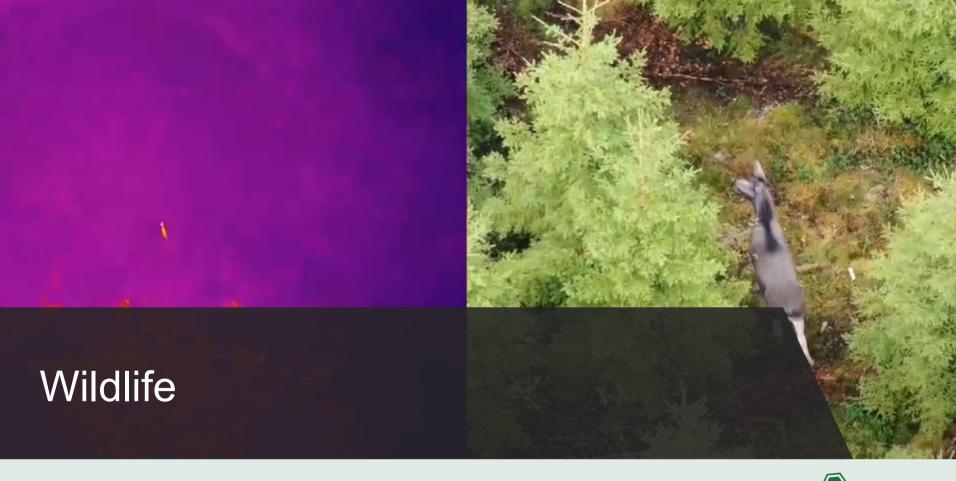




Timber remnants

- >Assessment of remaining Biomass
- ➤ Control of unutilized timber
- ➤ Evaluation of required pest treatments













Thank you for your time!

post@biodrone.no