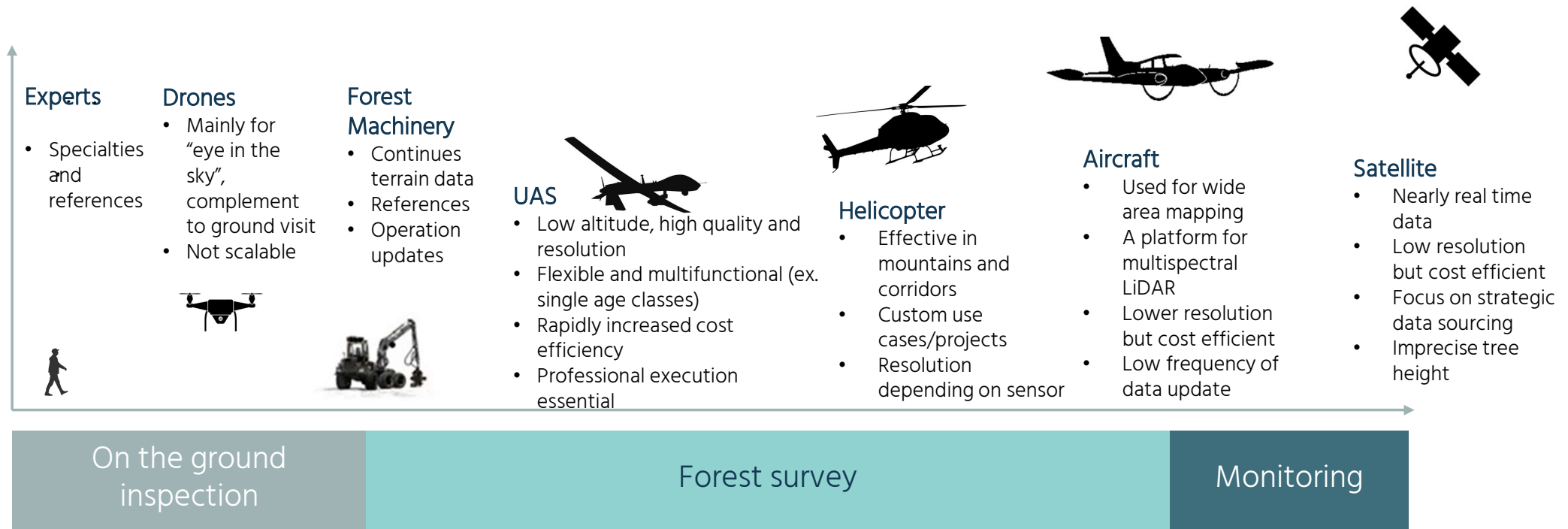


FOREST INTELLIGENCE WITH PRECISION

MW Forest Sense AB

A wide range of input needed for up to date and precise information

How to get both quality and efficiency?



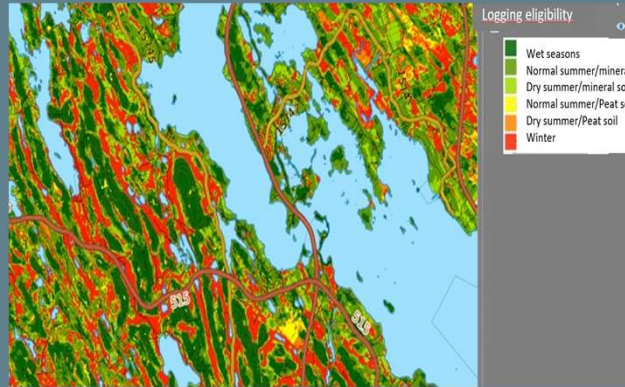
1. Forest Resources and Raw Material

Stand Information



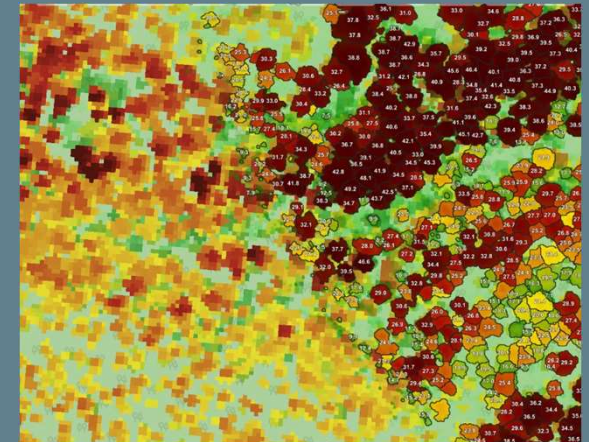
- Forest quality (bonitet) assessment
- Defining homogeneous stands
- Volumes
- Suggested measures

Dynamic Object Delineation



- Dynamic customer-based preferences
- Example considerations:
 - Height and density
 - Species and crown closure
 - Harvesting and transport conditions

Tree specific information



- Individual tree species verifications and measurement
- Growth forecasts based on LiDAR change detection (repeated surveys)
- Valuations changes based on growth

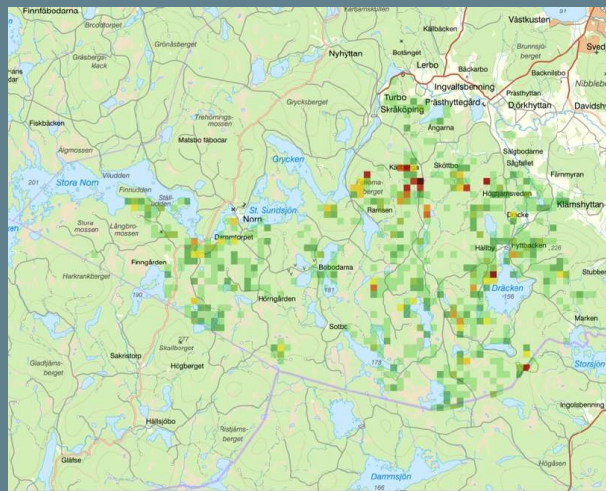
2. Biodiversity, damage and risk management

Biodiversity identification



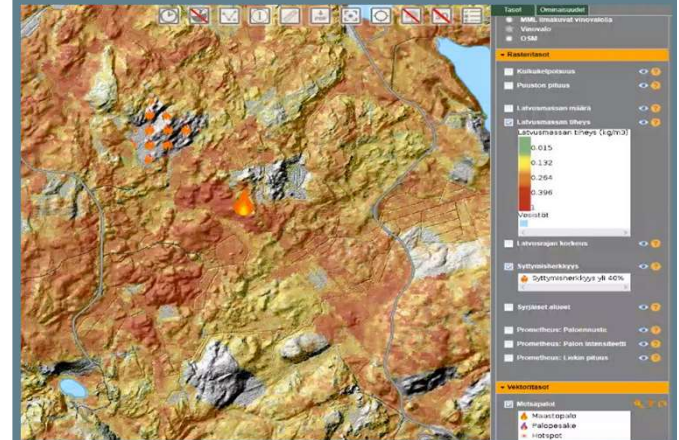
- Identification and quantification of dead trees
- Identification and quantification of mixed species
- Identification of high cultural and conservation

Beetle damage detection



- Groups of dying trees
- Green attacks

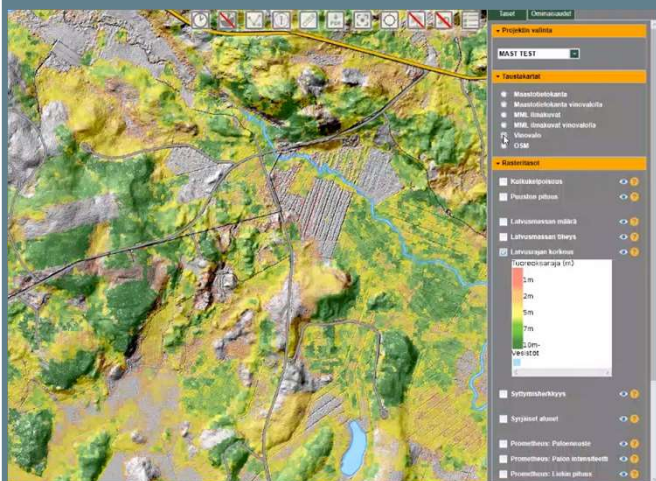
Fire risk protection



- LiDAR technology for fire risk management

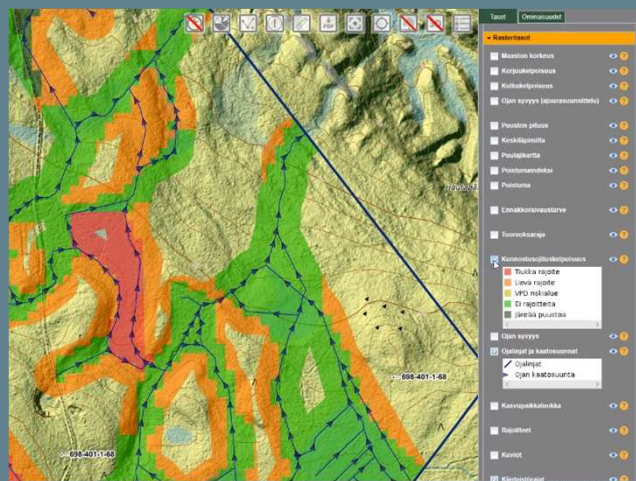
Examples of Other Possibilities

Canopy base height



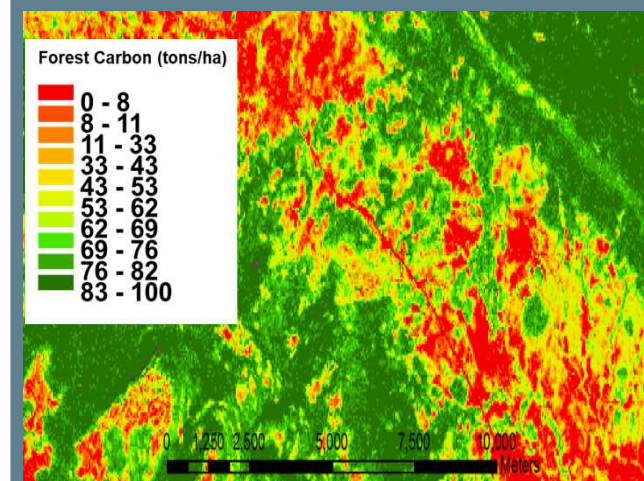
To identify high quality pine stands

Drainage management



Water flow map
Identification of blocked ditches

Carbon Accounting



A unique solution forest carbon monitoring

Digitally added value

-
- An fact based and accurate picture of the full forest potential
-
- Improved felling volumes while preserving ecological diversity
-
- Minimize operating costs with improved planning and efficient logistics
-
- Optimized forest management improving tree growth
-
- Lower forest management costs, improved profitability
-

Precision enables owners to optimize forest management and minimize costs. It helps forest industry to increase the yield and value of the raw material. The intelligence provided is a platform for fact based reliable and sustainable forestry

*The added value depends on many factors including the quality of the current forest plan, the age structure of the forest, the current intensity of forest utilization, and of forest management. Due to this and variable market factors, we do not guarantee a specific added value.



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