



TRESTIMA™

Forest Inventory System

World's most accurate and efficient tool for measuring standing timber – by taking smartphone photos!

Trestima Ltd's award-winning forest inventory solutions bring new generation's ease and accuracy to forest inventories to businesses small and large around the world. Innovative image recognition technology enables quick and accurate forest inventories and efficient roundwood stack inventories. All you need is a smartphone!

TRESTIMA™ Forest Inventory System

Take smartphone photos in the forest and measure:

- Tree species composition
- Basal area per species
- Diameter at breast height
- Tree heights
- Volumetric variables
- Stem diameter distributions

In addition, a bucking simulator can be added to the system to measure harvesting potential. Also timber quality can be tracked to better estimate the value of standing stock.

TRESTIMA™ Forest Inventory System can be used e.g. to

- Collect and update stand stock information
- Measure growing stock for planning
- Measure thinning volumes
- Determine the value and quality of stand
- Estimate potential harvesting yield
- Record photo or text observations with GPS location

KEY BENEFITS

- Light equipment - a smartphone is enough for basic measuring
- Measurement is efficient - on average 5 minutes per hectare
- Measurement is accurate - Std. error for BA even less than 5 %
- Measurement results can be viewed in nearly realtime already during measurement
- Results are stored securely in a cloud and are readily available
- Objectivity - experience and background of the person measuring do not significantly affect the result

Taking the photos
with TRESTIMA app

Automated
calculation in cloud

Utilization and
sharing of results



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