



**NIBIO**

NORSK INSTITUTT FOR  
BIOØKONOMI

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NORWEGIAN  
NATIONAL  
FOREST  
INVENTORY



YEARS

# A Century of national forest inventories

- informing past, present and future decisions

Rasmus Astrup

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# Our history: A reason to be proud

(1) 100 years of very committed people

(2) Fundamentals are the same:

- Sampling & Estimators
- Motivation for NFI: Informing decisions

(3) We can learn from the past and the time series are likely our greatest strength today



# NFI in the time of globalization and fake news!



- (1) Today's political discourse related to forests is often a "fight for the truth" about a range of values
- (2) Most often not about the standing volume but a wide range of other variables
- (3) Many new sources of information

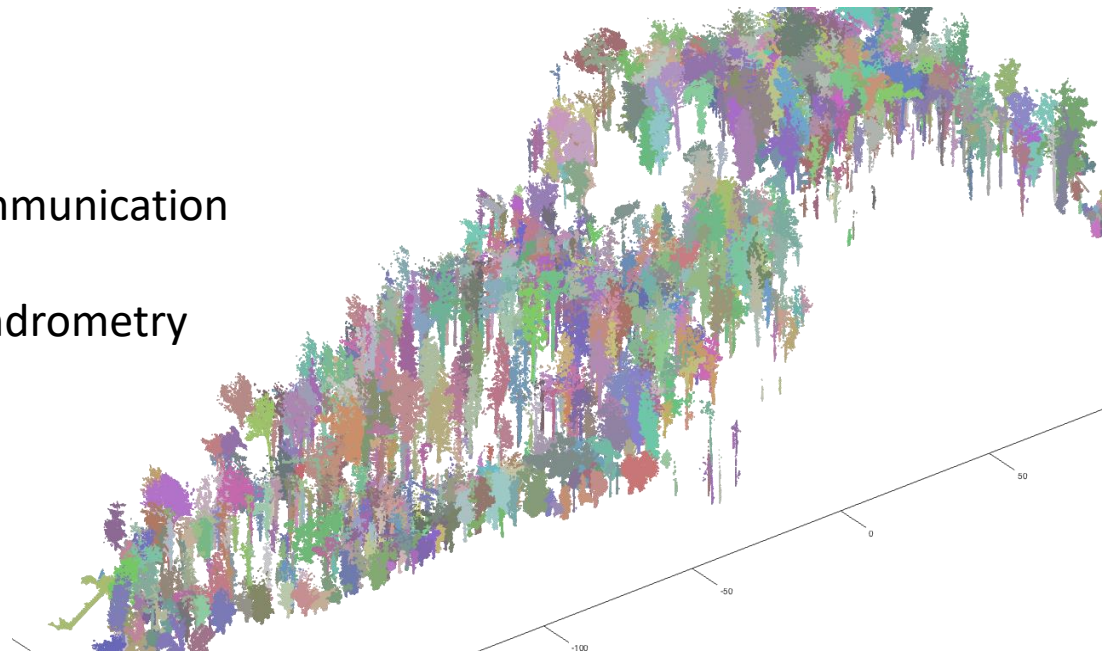
# The role of remote sensing

”Countrywide products – a must have”

Enabling small area estimation

Maps are very effective for communication

Potential for innovations in dendrometry

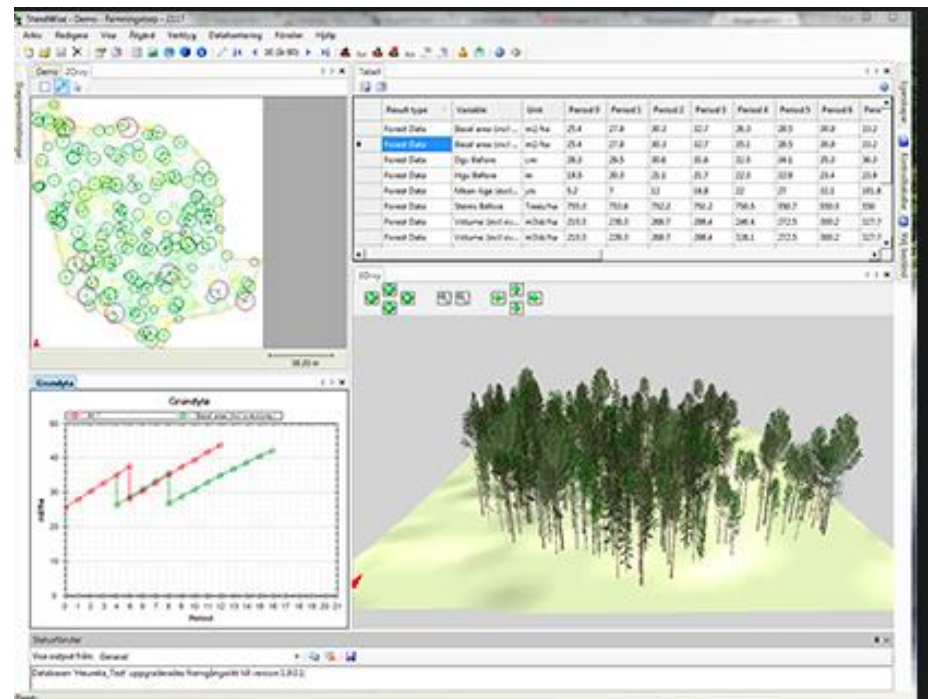


# Role for field sampling in the future?



# The role of models & forecasting

Forecasting models are really an integrated or associate part of an NFI



# NFI for the next 100 years?

Yes – the need for information will be greater than ever

Challenges for the next 100 years

- (1) Produce value by enabling better decisions
- (2) Embrace the possibilities for developing new products through emerging technologies and the large variety of ecosystem services of interest
- (3) Find our role and communicate in a globalized world with many competing sources of information

Thank you all for making this a great meeting and celebration!



Many celebrations are coming up – A very good reason for the NFI  
community to come together





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