

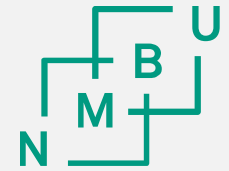


# Identifying potentials from new forest-based products in Norway

Barents Forest Forum, Umeå October 16th 2019



## An ongoing project



**SØA (Economics Norway)** in collaboration with **NMBU**  
(Norwegian University of Life Sciences)

Our client is **Innovation Norway**

Identifying the potential increased value added in new  
products from pulpwood and byproducts from the  
sawmill industry

**Final report** scheduled for December 2019

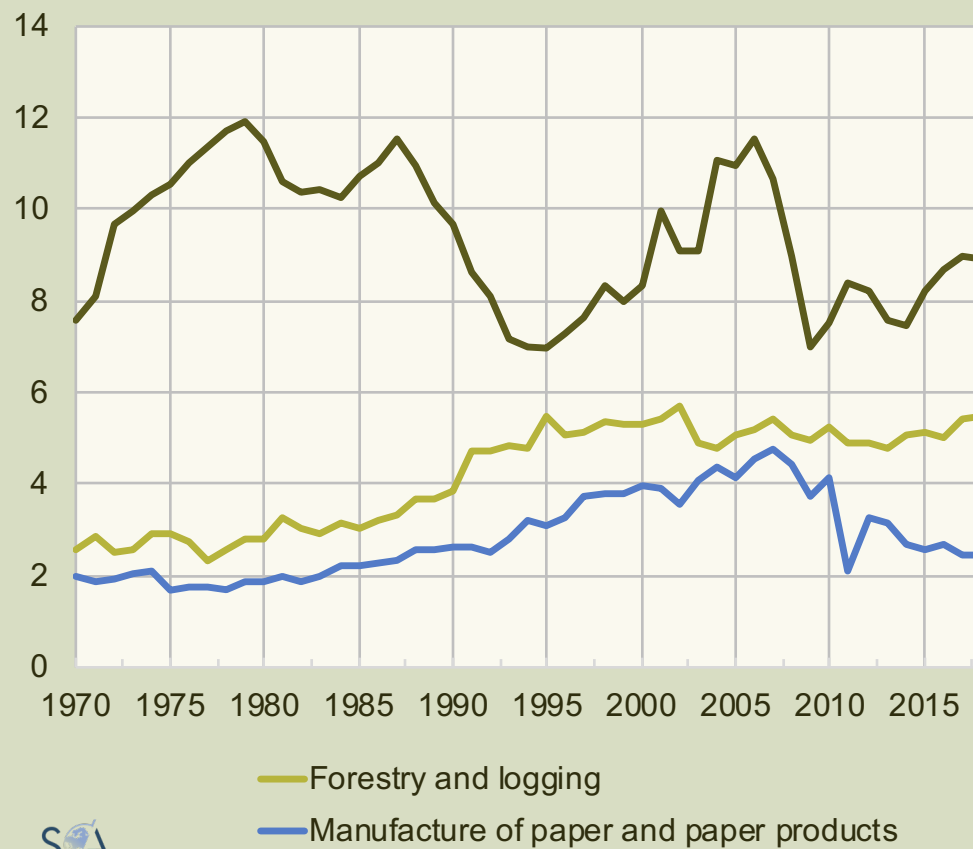
**Preliminary results**



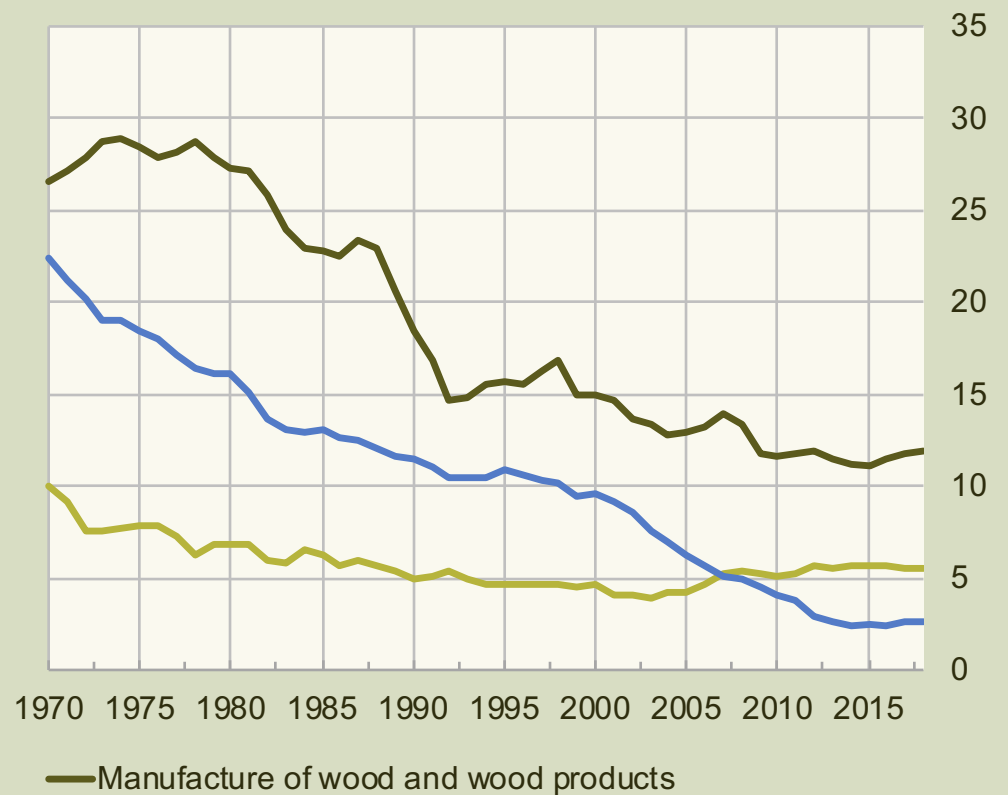
## The forest value chain

# Closely linked to economic cycles

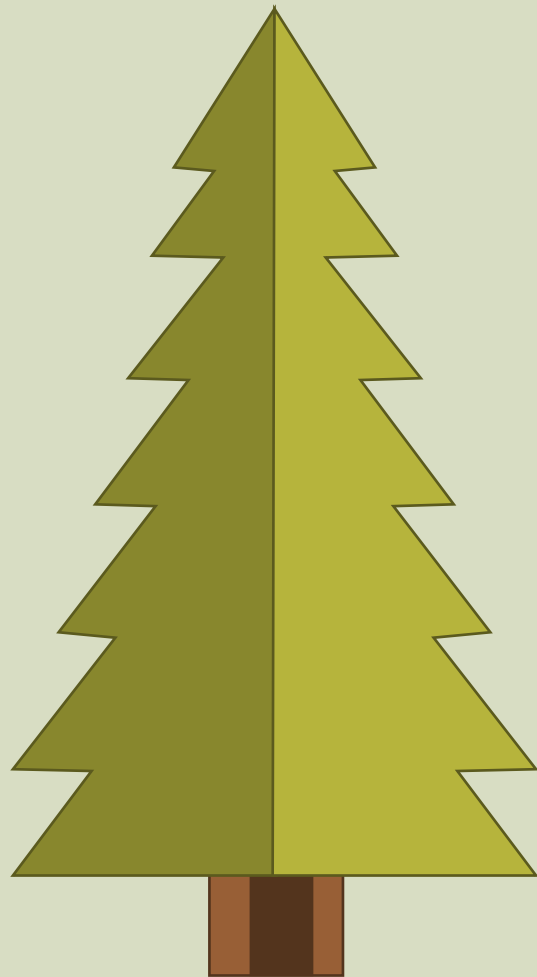
Value added at basic prices  
NOK billion, constant 2015-prices, 1970-2018



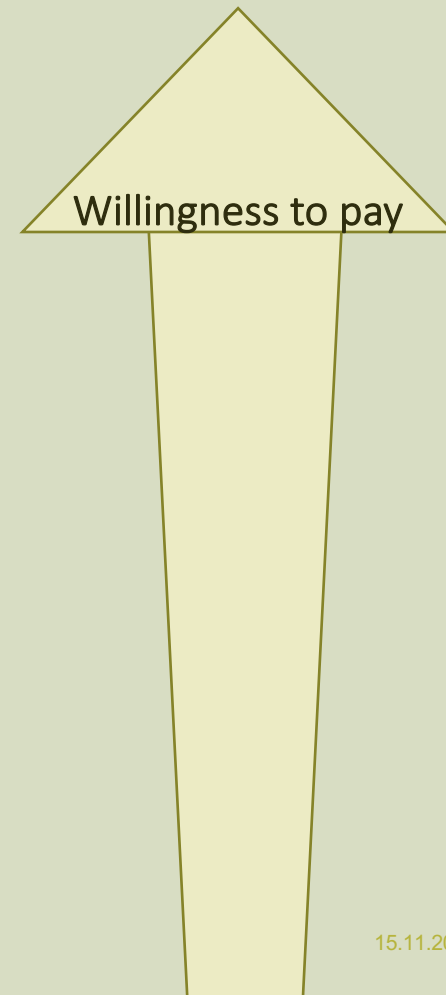
Employment, full-time equivalents  
1 000 full-time, 1970-2018



## The potential applications of forest biomass is wide



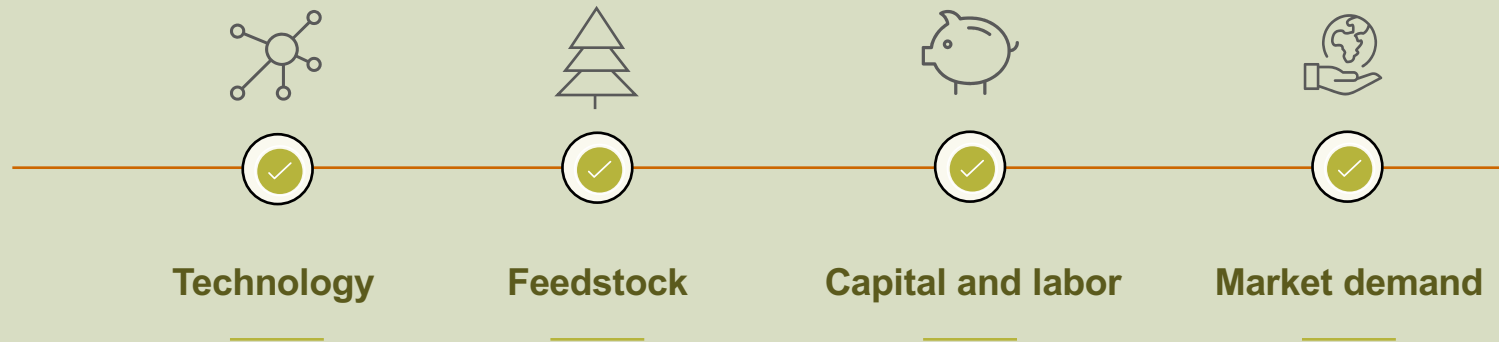
Human food  
Fish-feed  
Livestock-feed  
Chemicals  
Textiles  
Materials  
Paper and paperboard  
Biofuel  
Bioenergy





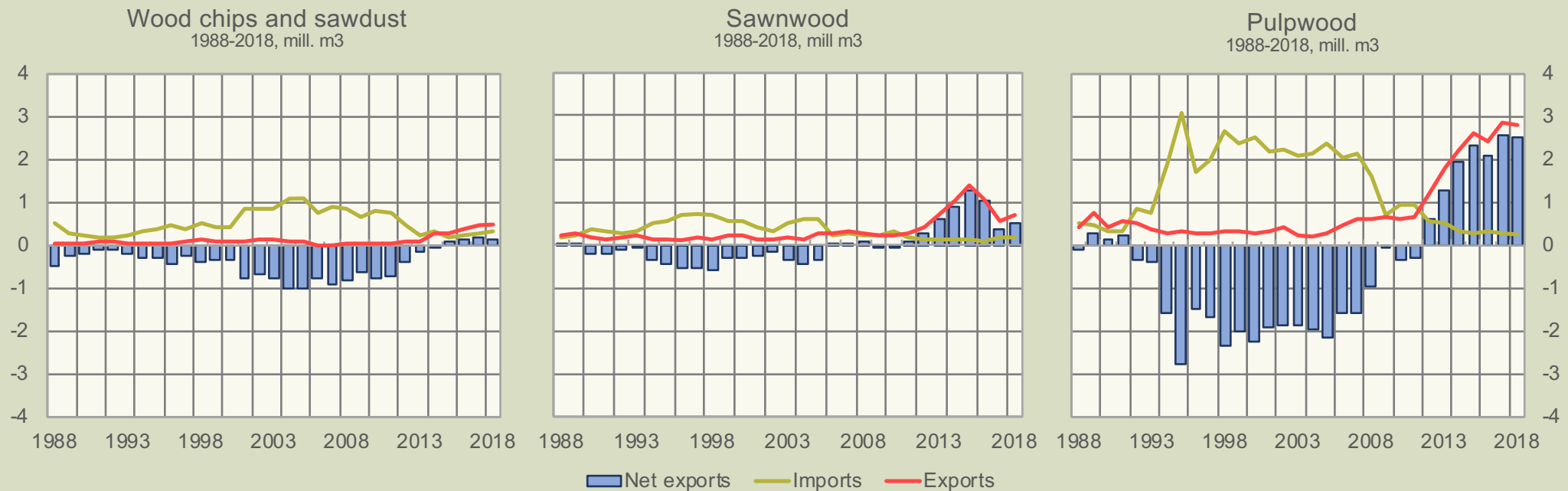
New products

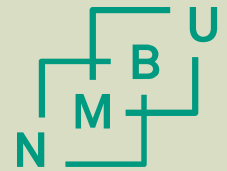
## Uncertainties and bottlenecks



## New products

# Potential implications for demand – and prices





Thanks!

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