



THE SWEDISH WOOD AND BIOMASS MARKET

ROUNDWOOD MARKETS IN THE BALTIC SEA REGION NOW AND TOMORROW

September 14, 2017

PÖYRY MANAGEMENT CONSULTING – FOREST AND BIOMASS

Pöyry Management Consulting has been working in the forest/biomass value chain for over 40 years and undertakes around 1000 consulting assignments per year throughout a global network

Forestry
Recovered Wood
Fibre
Bio-energy
Waste & Recycling

Wood-based panels Sawmilling Pulp Machinery Chemicals

Paper Products
Hygiene
Packaging
Building Products
Decorative Products

Paper converting Wood processing Logistics Providers Printing Distributors Consumer and industrial business Publishers
Outsource providers
Financial clients

Clients include private and public companies/corporations, private equity, banking, government and institutions.





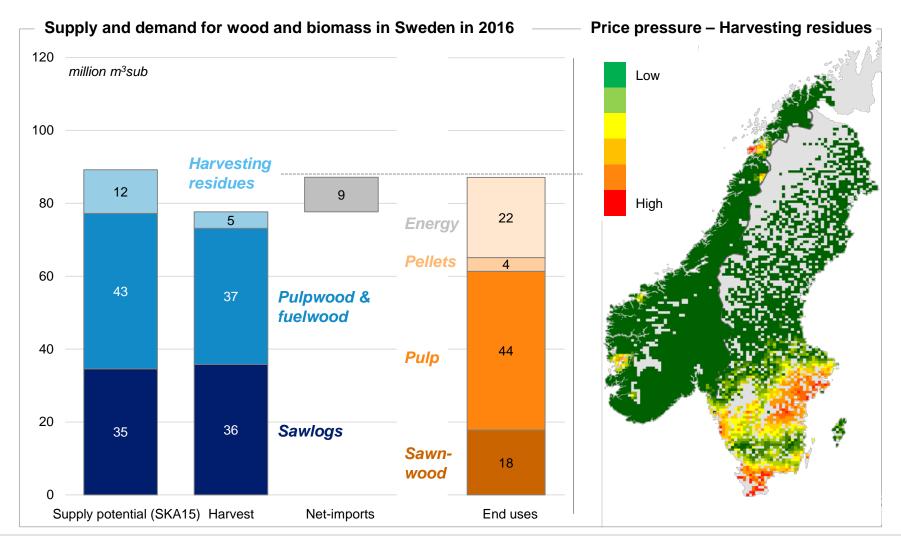








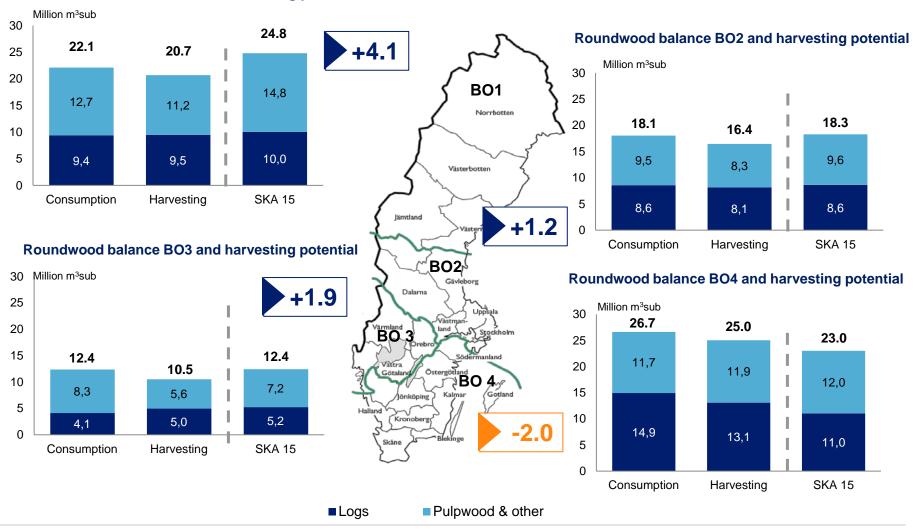
THERE IS LITTLE WOOD AND BIOMASS LEFT OUT THERE AND IT WILL BE CHALLENGING TO MEET INCREASES IN DEMAND





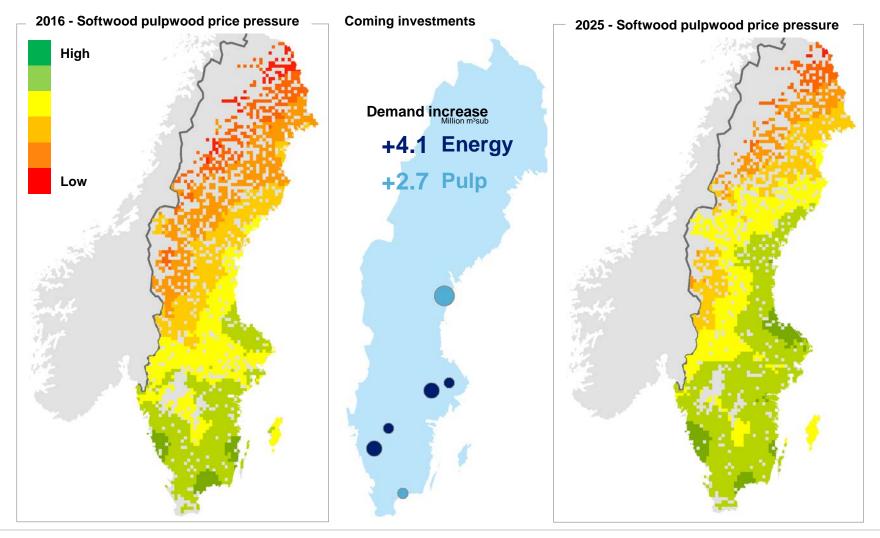
THERE ARE REGIONAL DIFFERENCES

Roundwood balance BO1 and harvesting potential





...BUT THEY WILL DIMINISH AS DEMAND INCREASES

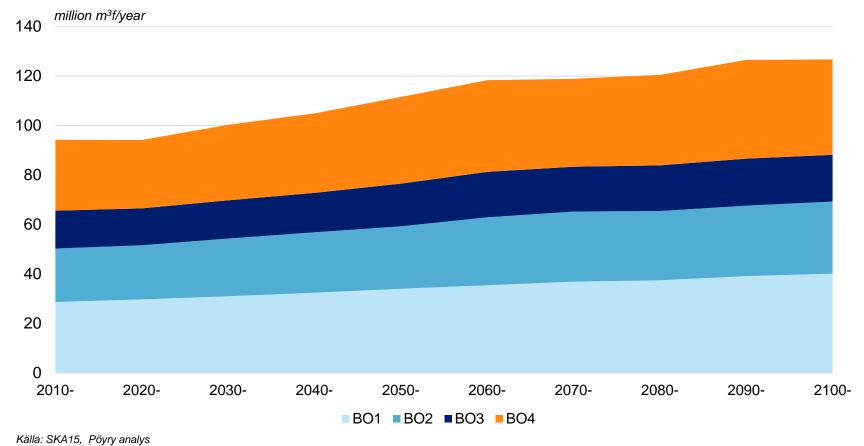




CAN'T WE INCREASE HARVESTING OVER TIME?

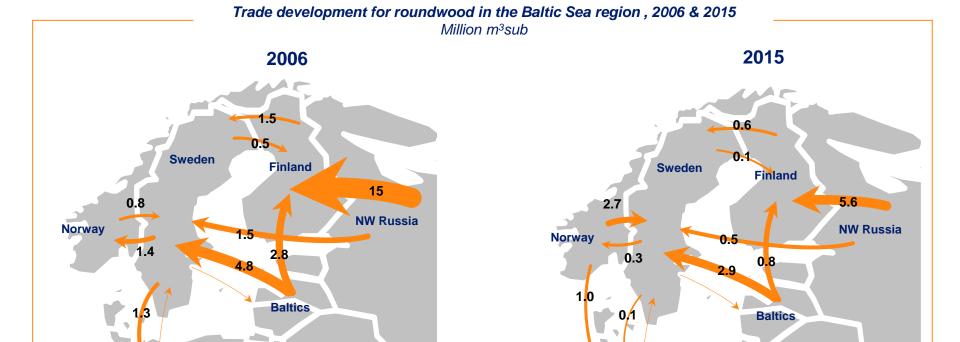
The annual sustainable supply potential from Swedish forests increases by 35% in the next 100 years, but only small increases are exptected in the next 10-20 years

Long term round wood supply potential from productive forest land in Sweden (SKA15)





OR INCREASE IMPORTS?



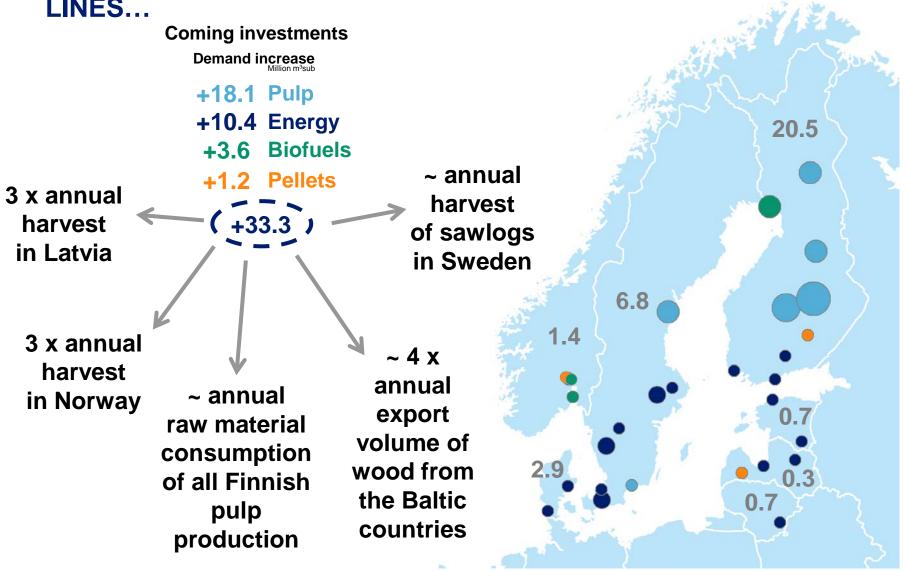
Germany



Germany



BUT OTHERS ARE APPARENTLY THINKING ALONG THE SAME LINES...





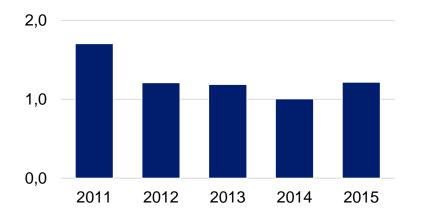
....AND NOT JUST AROUND THE BALTIC SEA

UK exports of waste wood to Sweden



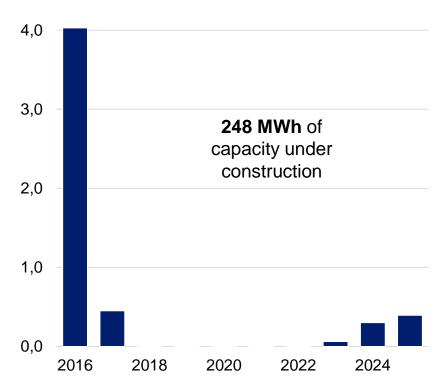






Wood waste "surplus" in the UK







KEY MESSAGES

- The possibility to meet additional increases in demand for wood and biomass in Sweden is limited in the short to medium term
- We most likely need to import more wood and biomass to accommodate large scale industrial developments in the future
- But we are not alone..., which limits our options and might push us towards a more undesirable direction
- Or are there things we can change in the way we are managing our forests in order boost short term supply,without running in to political or public opinion issues? (rotation, technology, stumps...)







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