



Sveriges lantbruksuniversitet
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A Long Term Analysis Of The Potential Of Swedish Forests To Satisfy Sector Demand

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IIUFRO WC 2014, Utah



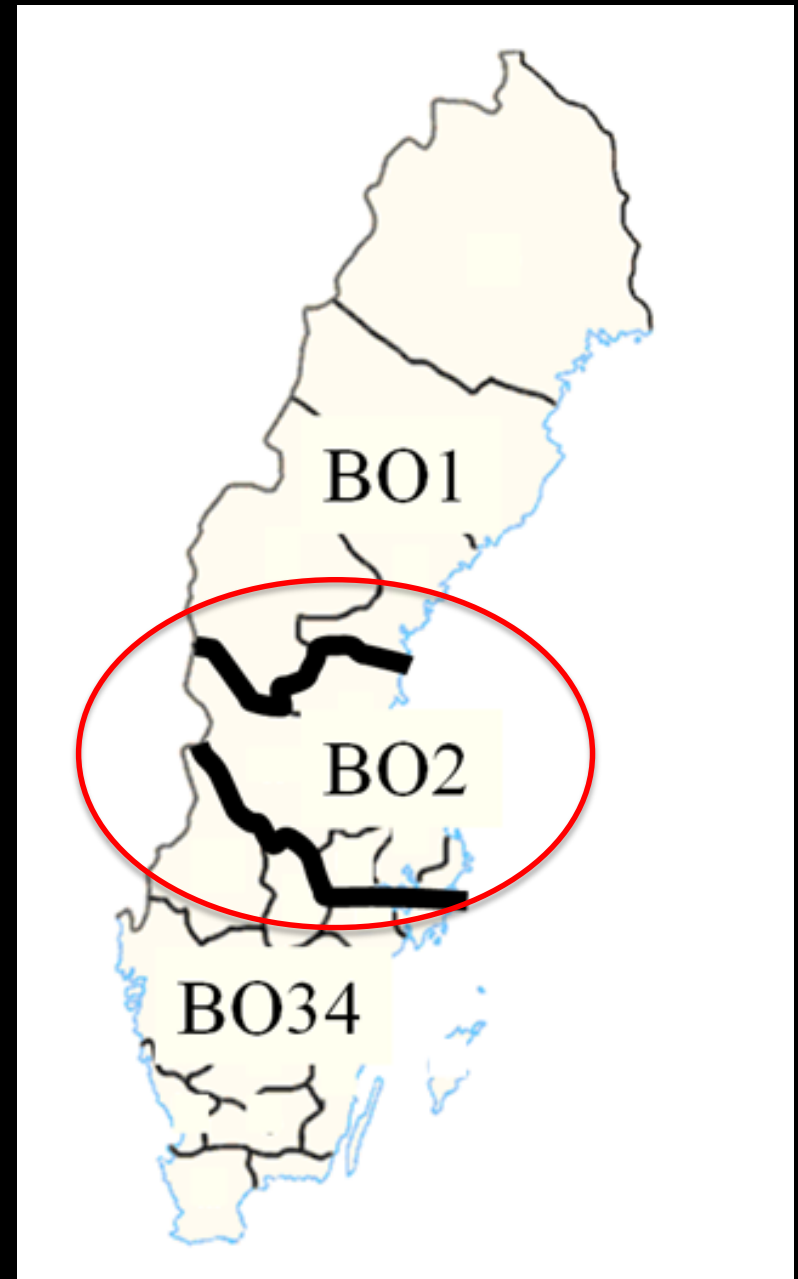
Institutionen för skoglig resurshushållning
Department of Forest Resource Management

3 demand sectors

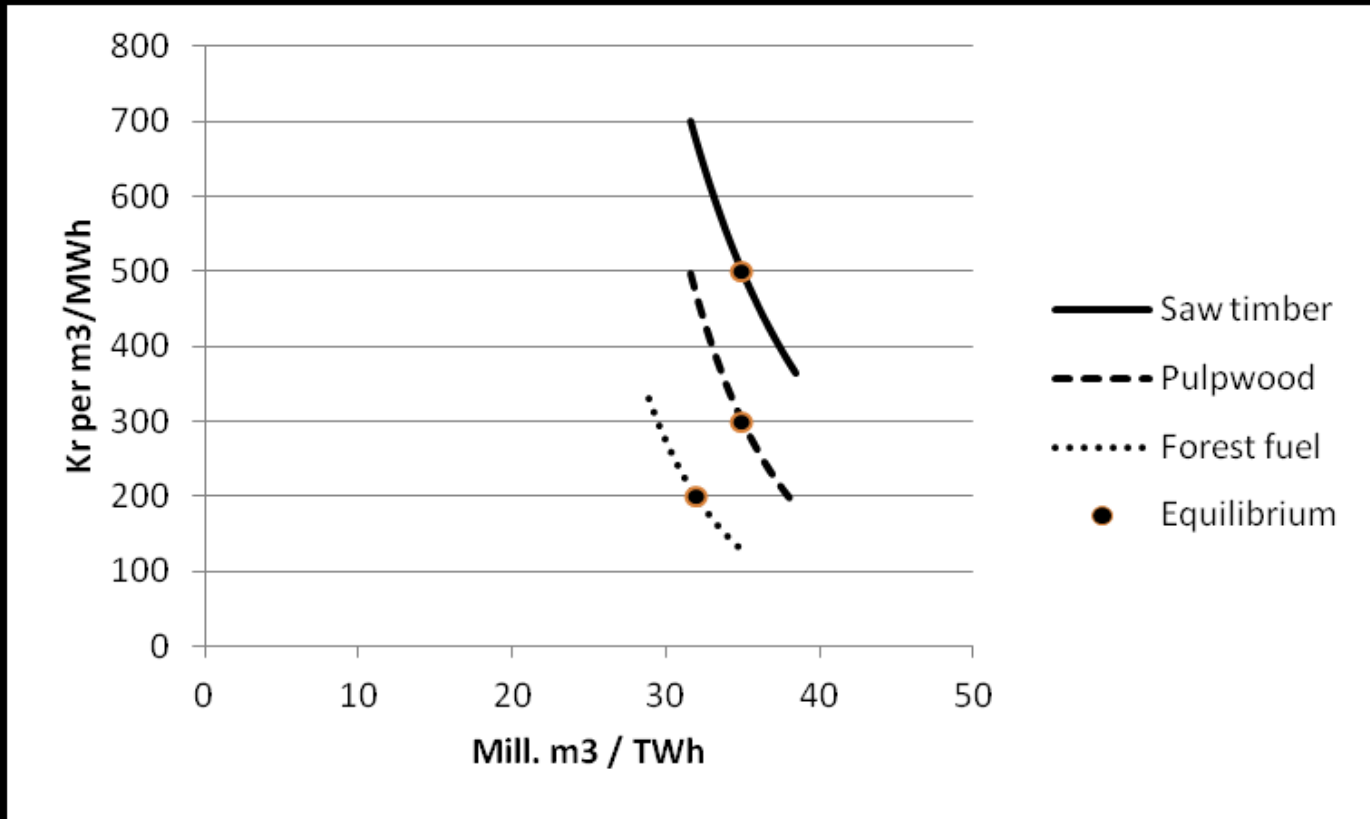
- Saw mills
- Pulp mills
- Energy producers

Scenarios

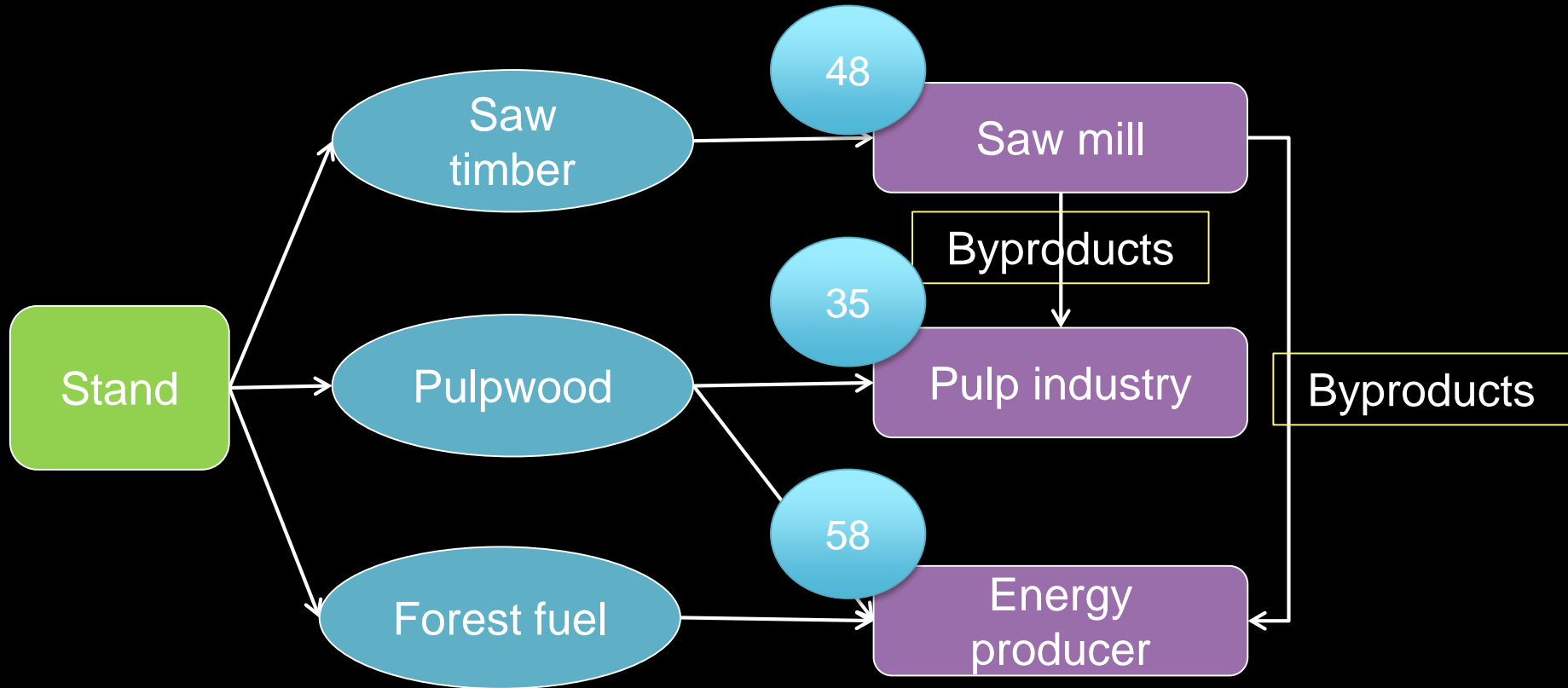
- Current demand persists (**Ref**)
- Energy demand +50% in 10 years (**E+50%**)
- 5-year steps
- 100 year horizon
- Focus year 1-25



Demand - 3 sectors

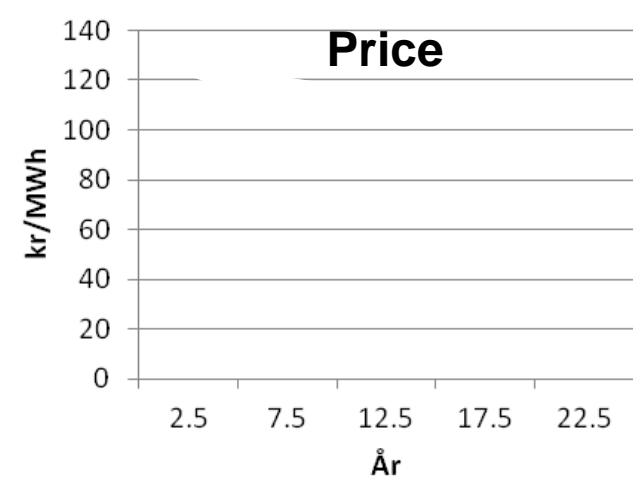
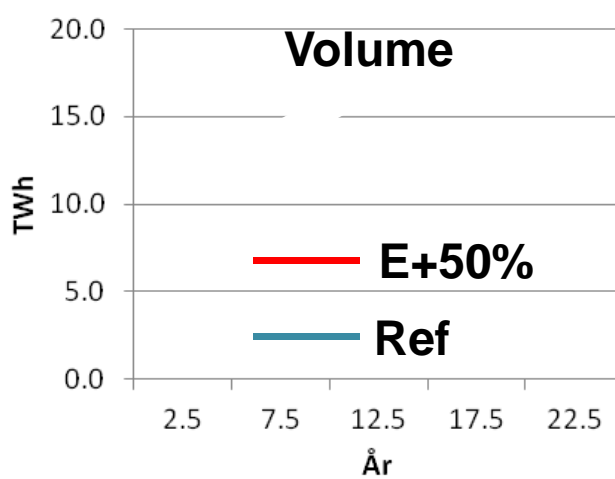


Forest to sector connections

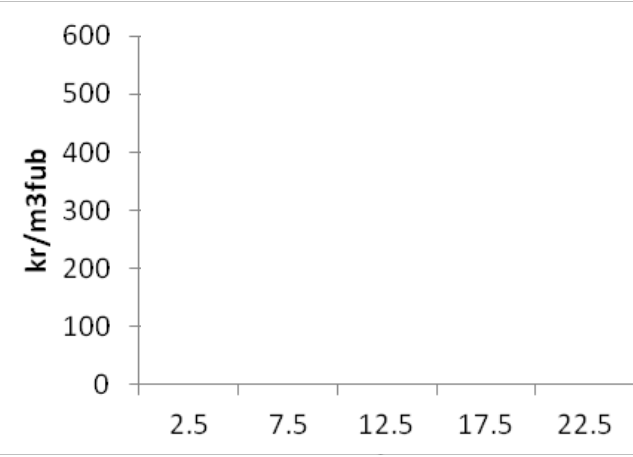
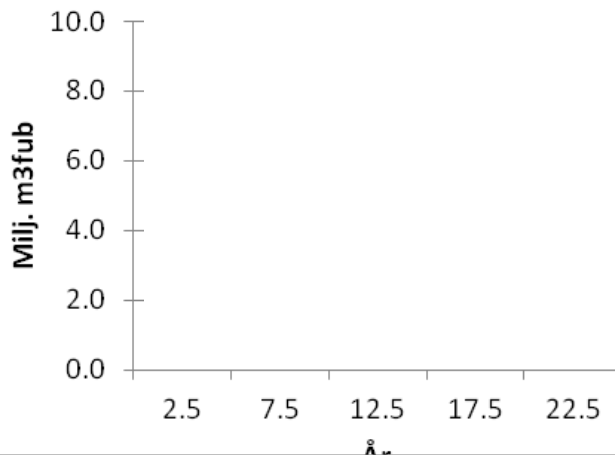




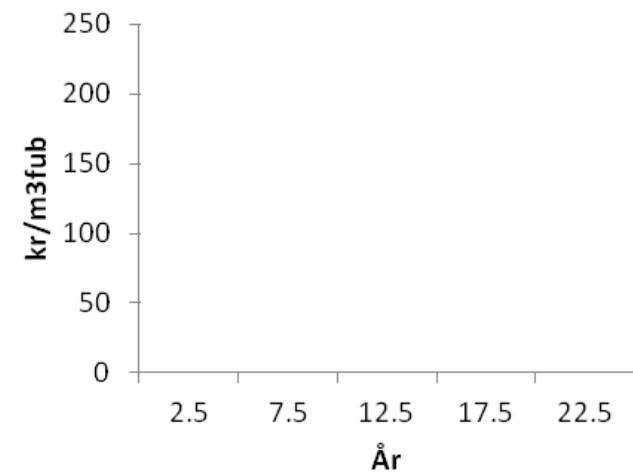
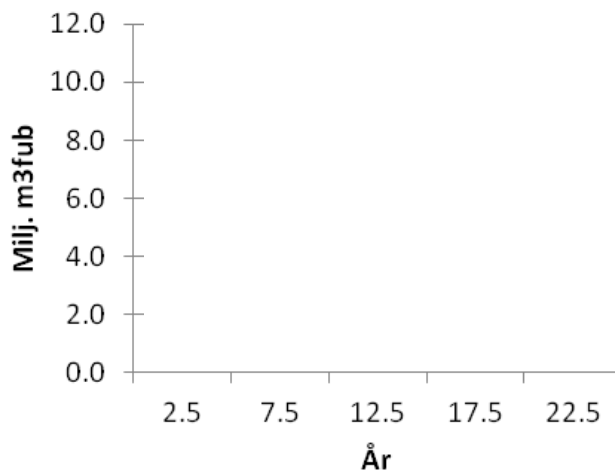
Energy →



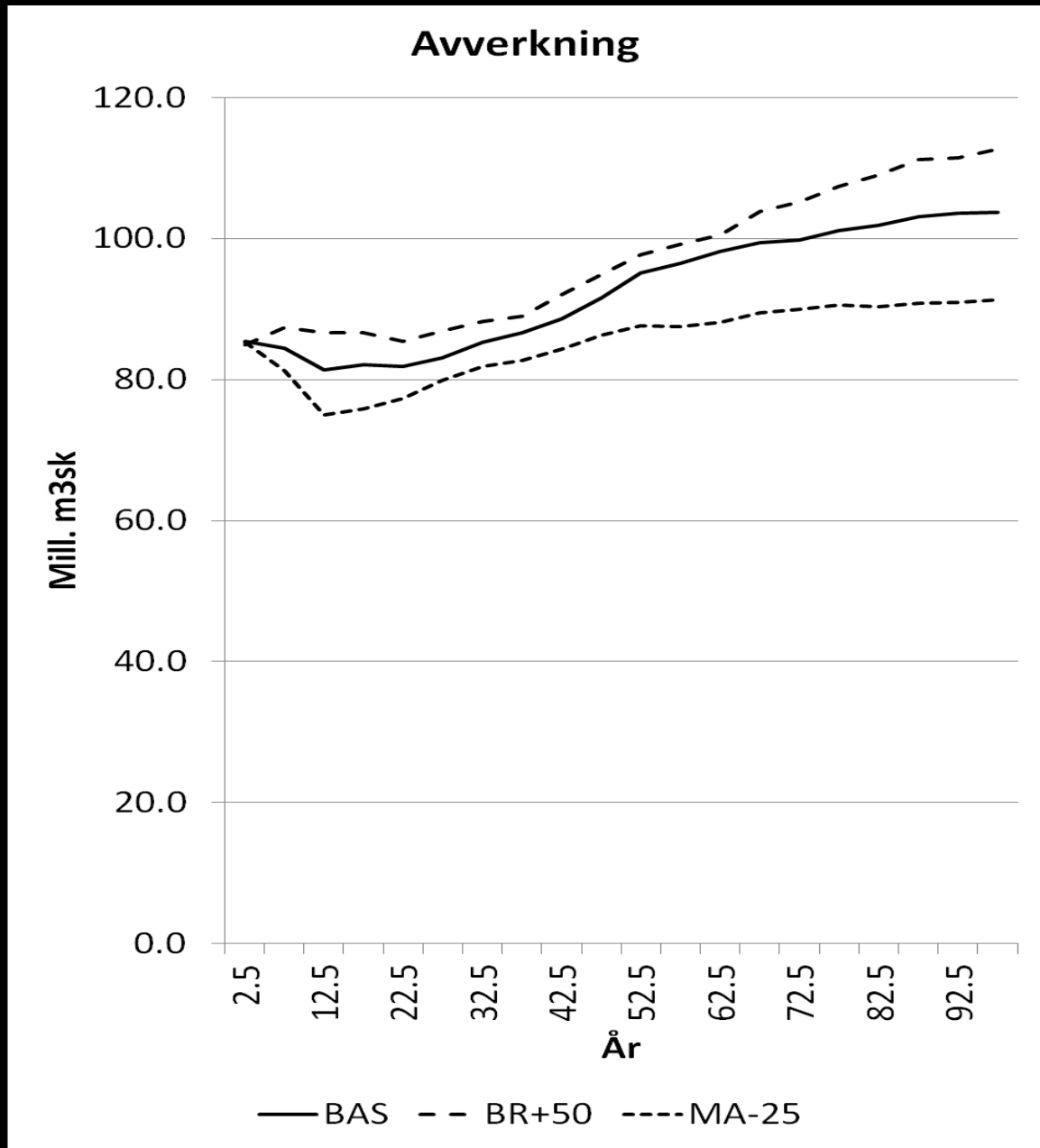
Saw timber →



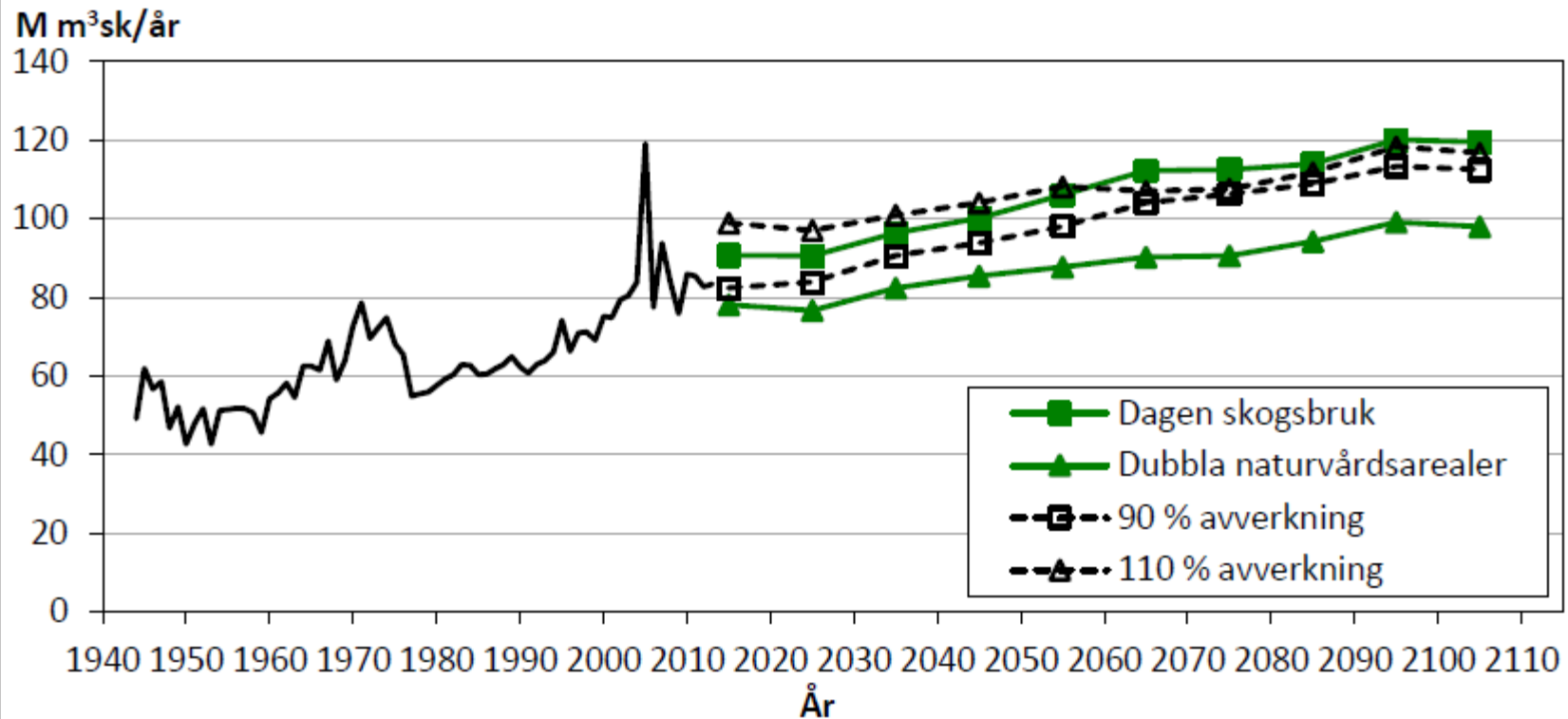
Pulpwood →



Harvest level



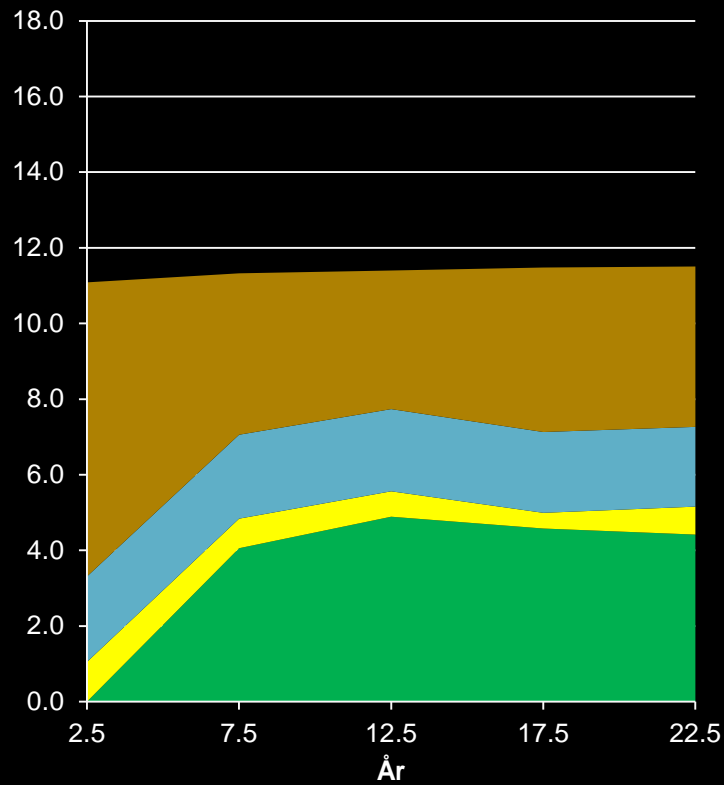
The SKA 15 analyses



Figur 15. Avverkning av levande träd (miljoner m³sk/år) på produktiv skogsmark. 1944–2010 data från Skogsstyrelsen, från 2010–2110 beräknade scenarier från SKA 15.

Feedstock to energy sector

Ref



E+50%

