

Forests and climate change mitigation in the Swedish context

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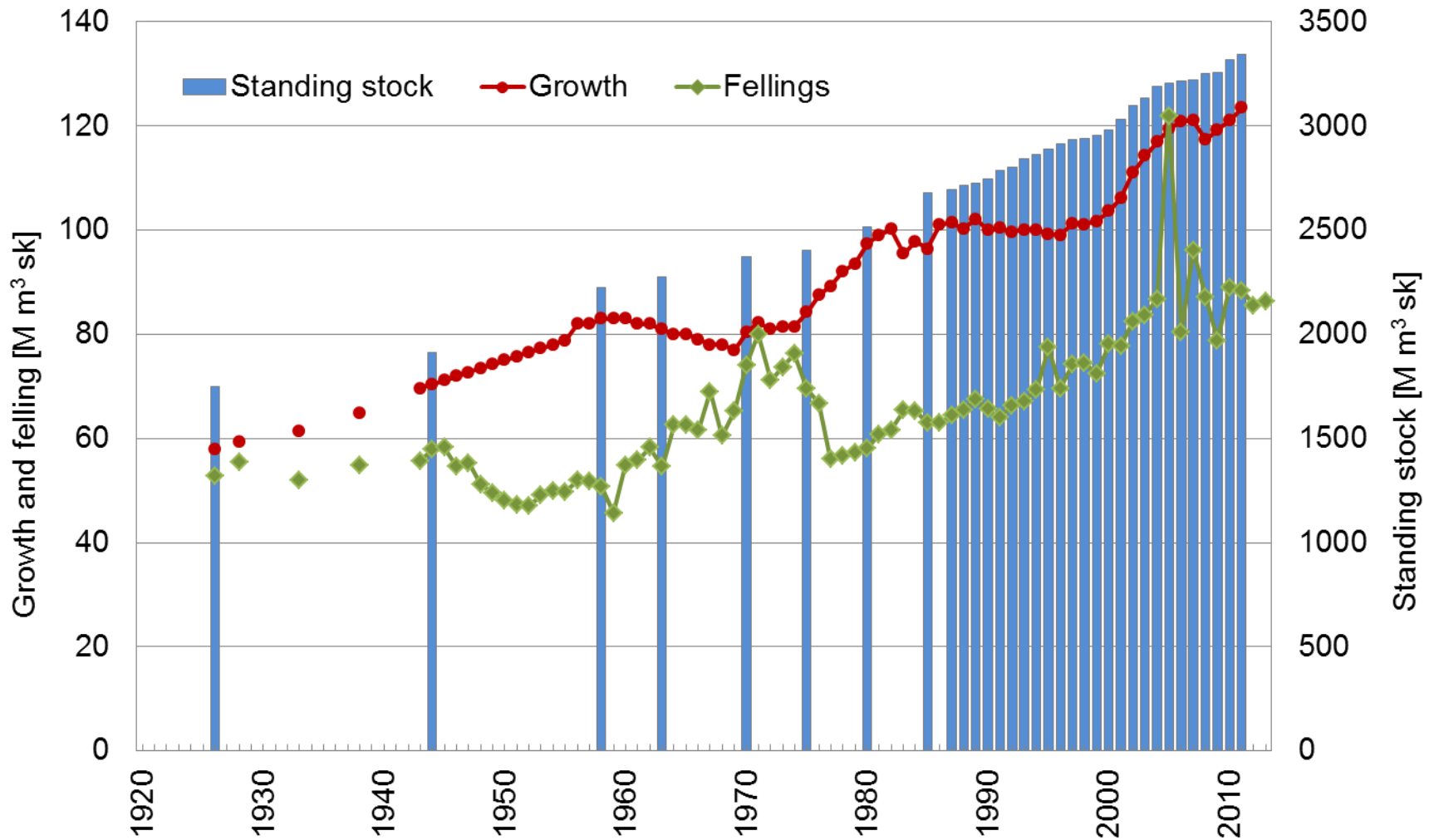
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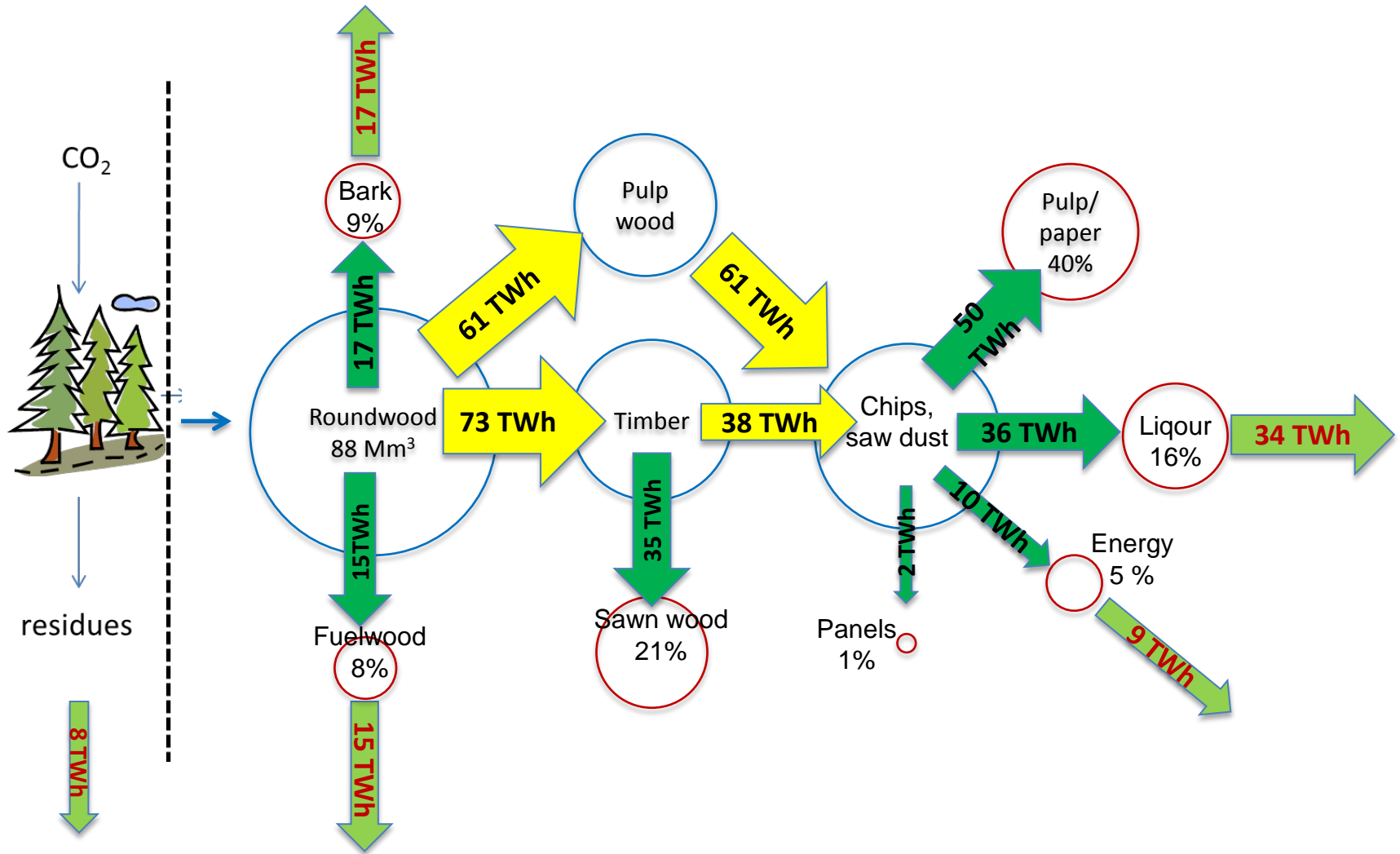
Degraded forests in Sweden 100 years ago



The forest transition in Sweden



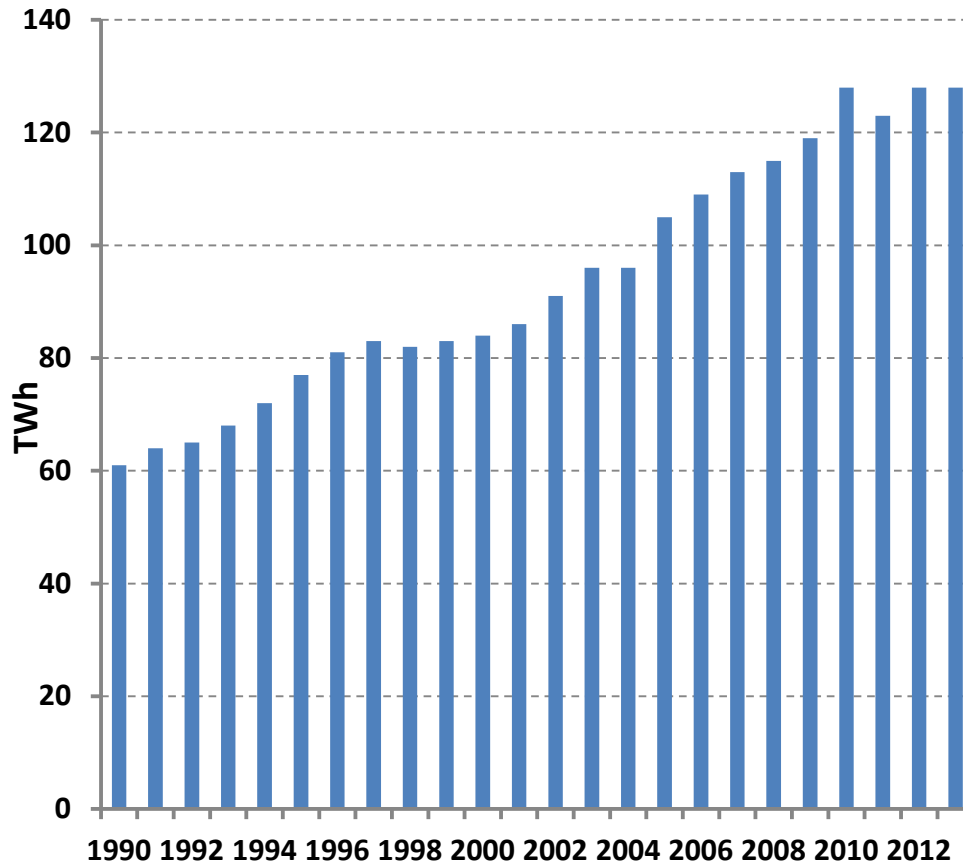
Uses of harvested wood 2014



Priorities regarding the Swedish forest resource in national climate change policies

- To increase bioenergy use from Swedish forests to substitute fossil energy
- To increase the use of wood products from Swedish forests to substitute fossil materials and materials requiring high energy input.
- Achieve the increased use of the resource within the framework of sustainable management, including maintaining the level of the Swedish net forest sink and other sustainable goals
- Always underlining the long term perspectives in boreal forestry and looking for long term effective climate change policies for the forest management.

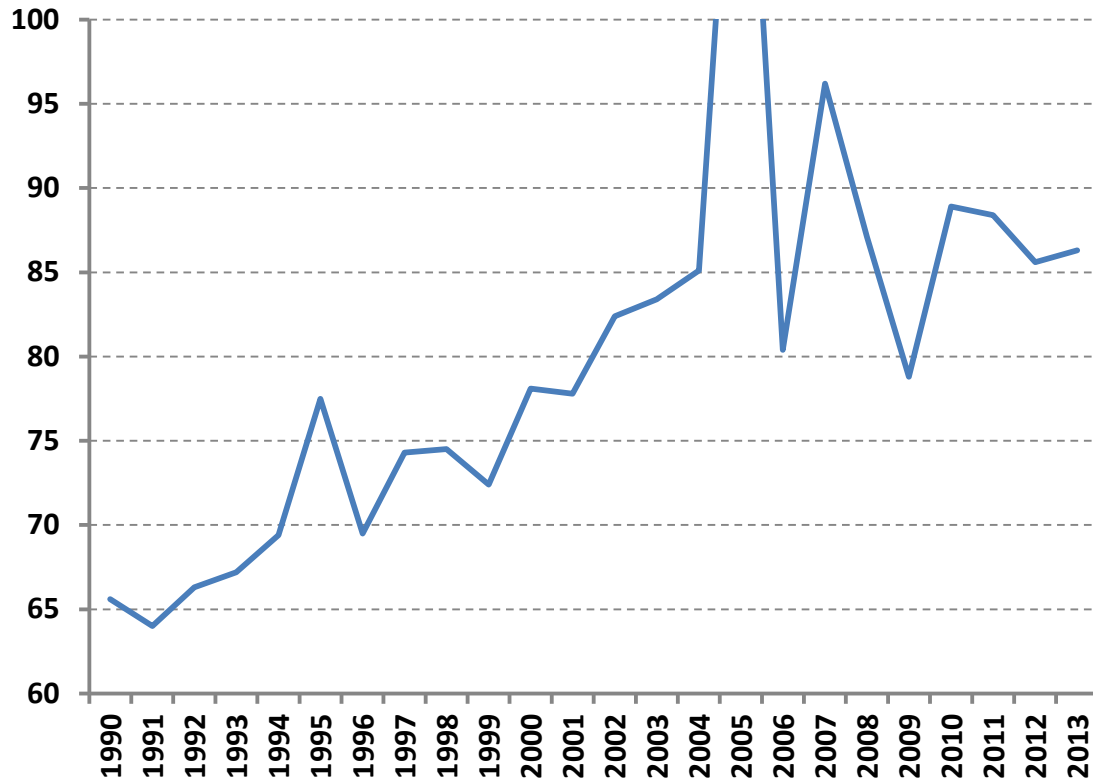
Use of bioenergy in Sweden 1990-2013



- in 2013 bioenergy use was 128 TWh, while the overall energy use has been fairly stable around 550-600 TWh
- Most of the bioenergy use in heating and electricity production
- Bioenergy is growing in the transport sector
- In recent years increased competition in heating and electricity production from imported waste

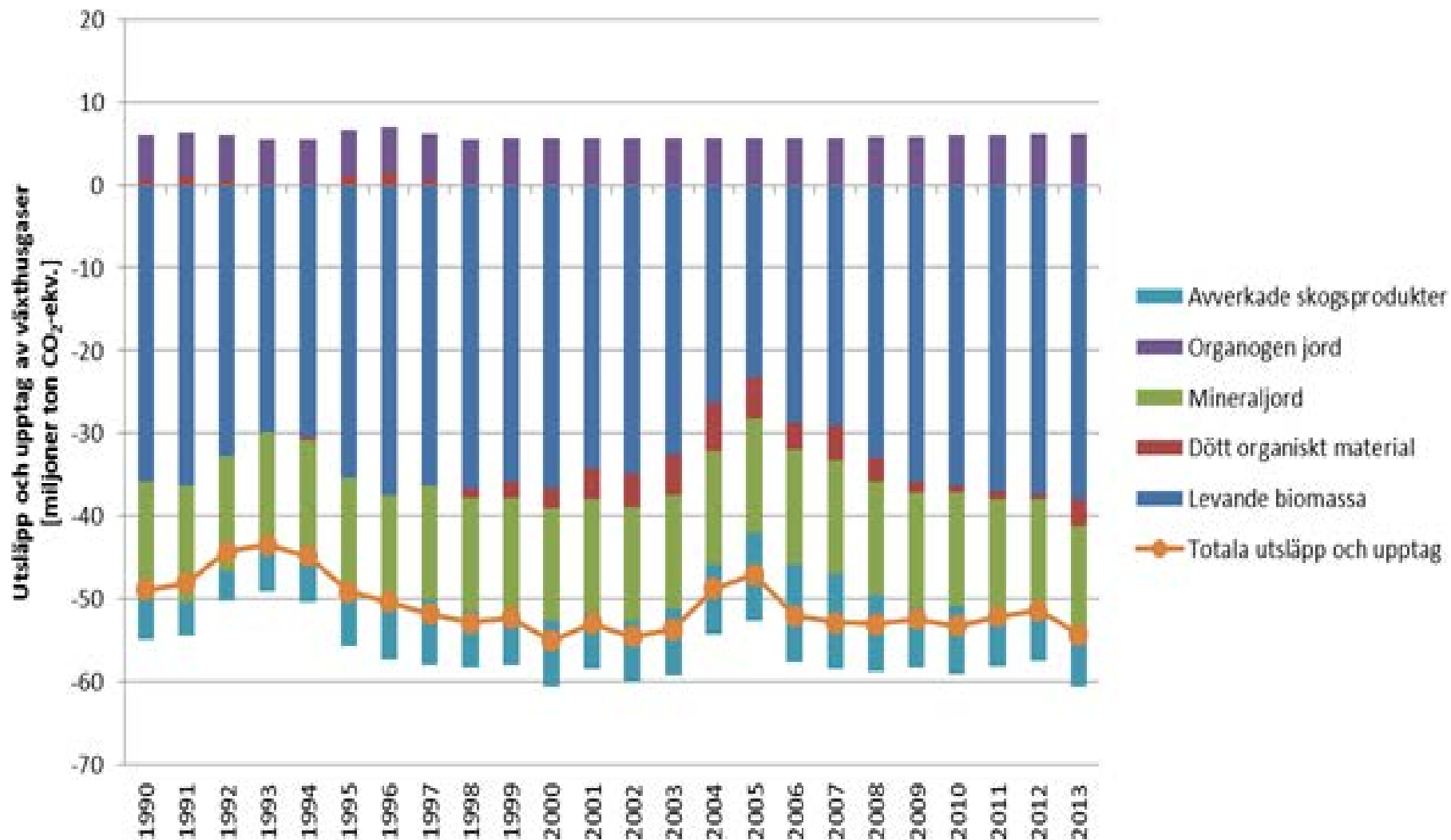
Harvesting level in Sweden 1990-2013

(million cubic metres)



- Harvesting levels has increased steadily due to demand from forest industry and energy sector
- Large storms in 2005 and 2007, affecting
- Economic downturn from 2008 in construction and less demand for newsprint has reduced growth in the forest sector the last few years

Development of the forest sink



Several policy processes addressing the role of forests in the climate change policies at present

- Government offices develop Swedish position for the inclusion of LULUCF in the EU 2030 framework (ongoing)
- Commission on national environmental goals (2016)
 - formulation of national targets for midterm and long term
 - Strategies and measures to be implemented
- Commission on future energy policies (2017)
 - future energy mix
- National Forest Program (2016/17)
 - Enhance the value of the forest resource for society including to mitigate climate change
- National agenda for bioeconomy (2016/17)
 - under discussion

Questions or comments?

Feel free to contact:

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