

Bioenergy in the future Swedish energy system – Same but different?

Presentation at DG Ener Workshop, Brussels
Nov 9th, 2015

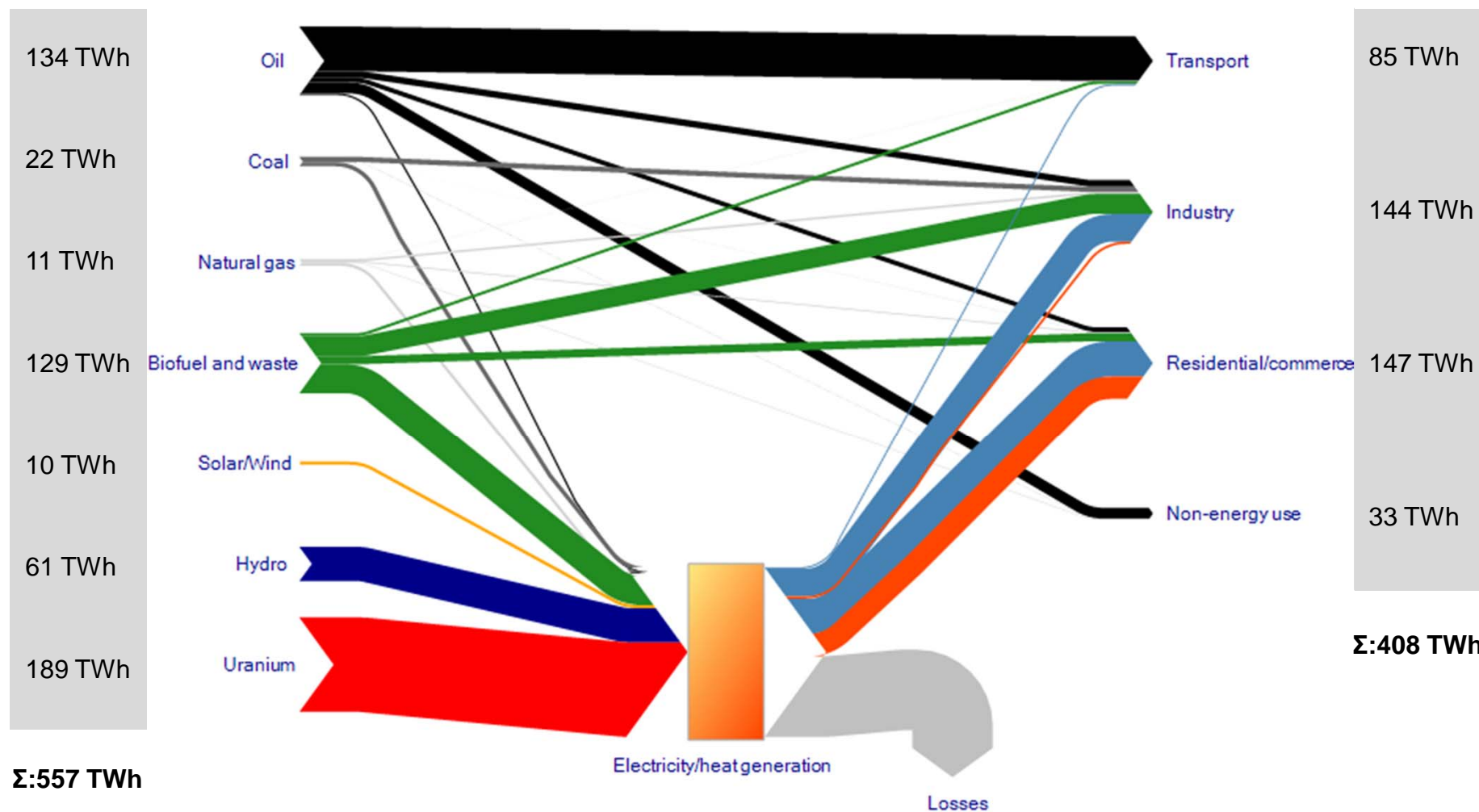
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Confidentiality - None (C1)

Content

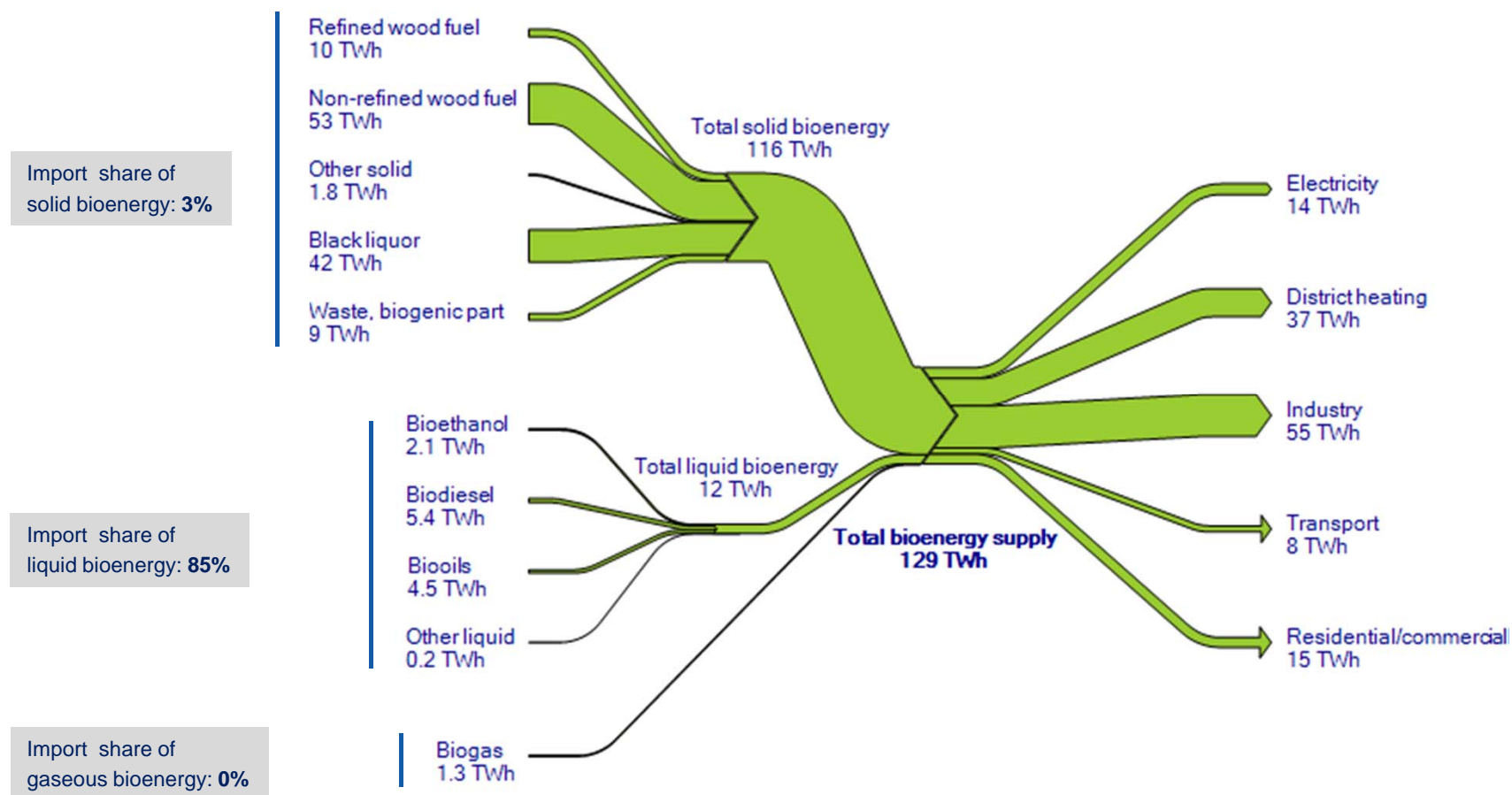
- Energy balance of Sweden
- Bioenergy in Sweden - Present situation and potential
- Outlook for bioenergy, per sector
- Conclusions

Energy balance Sweden



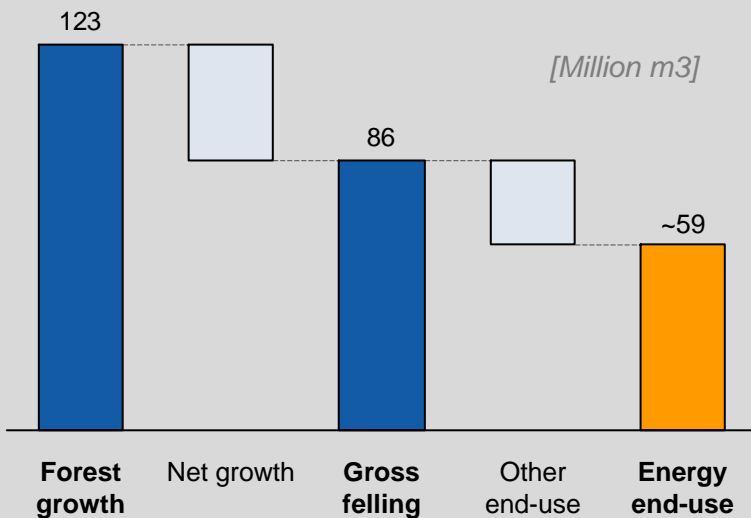
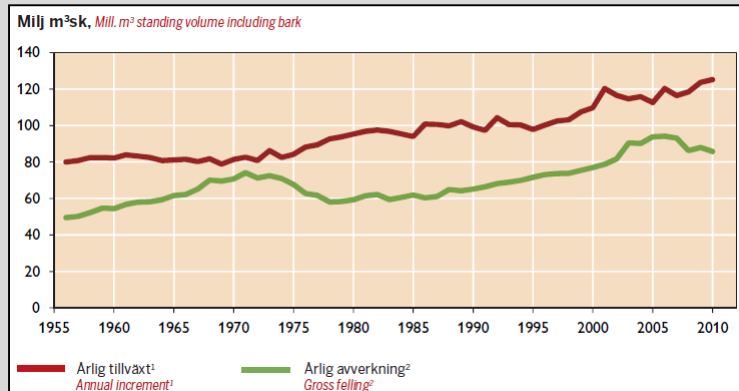
Source: Swedish Energy Agency (2015)

Bioenergy in Sweden – present situation



Sources: Swedish Energy Agency, Swedish Waste Management and Recycling Association. Numbers for 2013

Bioenergy expansion potential in Sweden

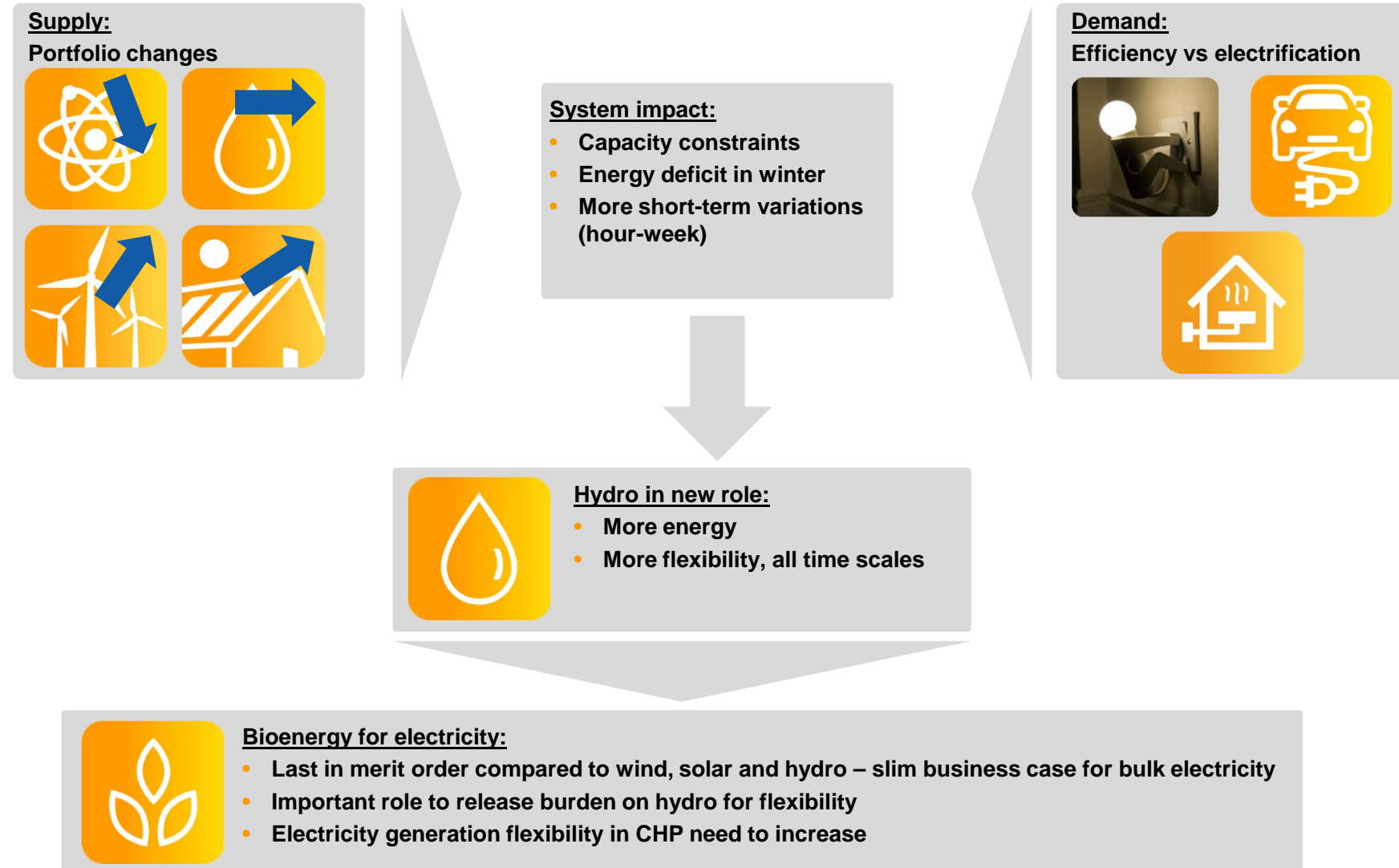


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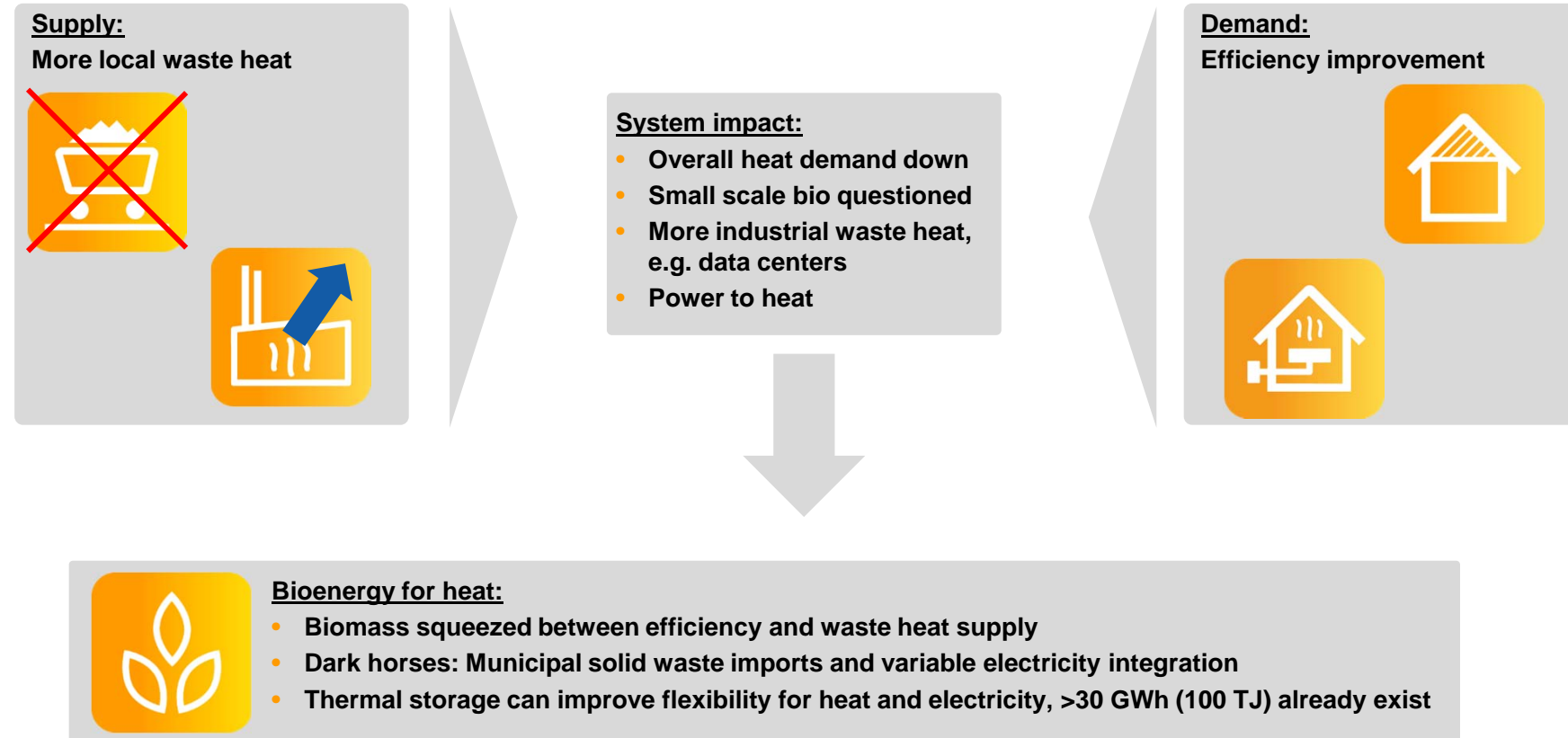
1. Increased forest growth (fertilize etc)
2. Decrease net growth / Increase felling
3. Shift more felled volume to energy
4. Increase other bioenergy (waste, agricultural)

Sources: Swedish Forest Agency – Swedish Statistical Yearbook of Forestry (2014)

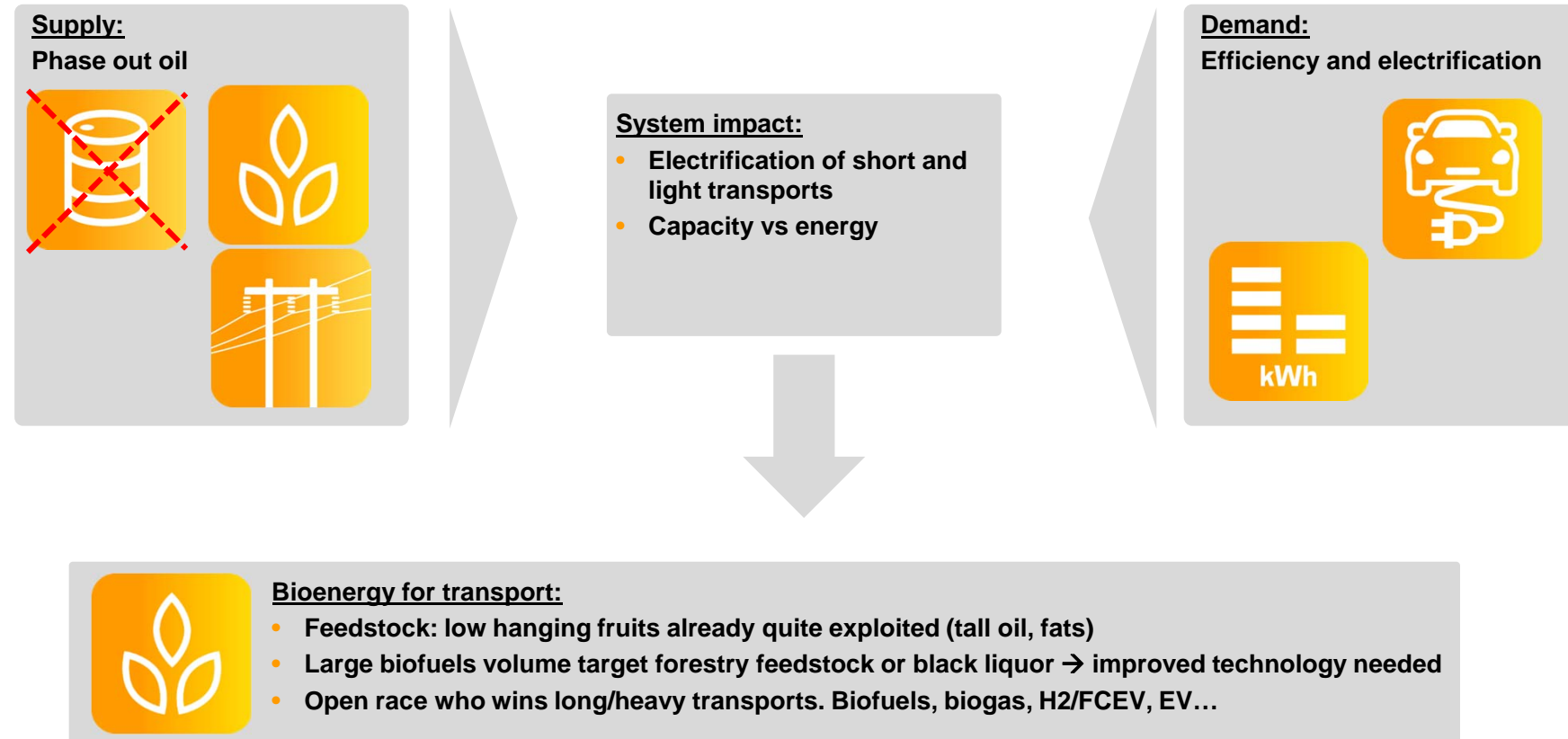
Outlook: Bioenergy for electricity in Sweden



Outlook: Bioenergy for heat in Sweden



Outlook: Bioenergy for transport in Sweden



Conclusions

