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## GFTN participant Fortum Värme Europe's first energy company to receive FSC CoC certification

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Posted on 21 December 2015 |

Forest biomass is becoming an increasingly important source of electricity and heat as countries seek to move away from fossil fuels. However, if bioenergy is to have a genuinely positive impact on the climate and the environment, it needs to be produced sustainably.

Swedish energy company Fortum Värme recently upped the ante on this front, becoming the first energy company in Europe – and only the second in the world – to become FSC-certified.

This means that the wood products it uses as biofuel – twigs, bark, branches and chips – can be traced in an unbroken chain back to producers in the forests themselves. The initiative is part of a wider environmental strategy from Fortum Värme, which has pledged to produce 100 per cent of its heat and power from recycled or renewable sources by 2030.

“We are very proud to have been certified,” says Nadja Pilpilidou, Fortum Värme’s Corporate Social Responsibility and Environmental Manager. “The certification is yet another proof that ecological and social responsibility are central and vital parts of our work, and that we take responsibility for our entire value chain.”



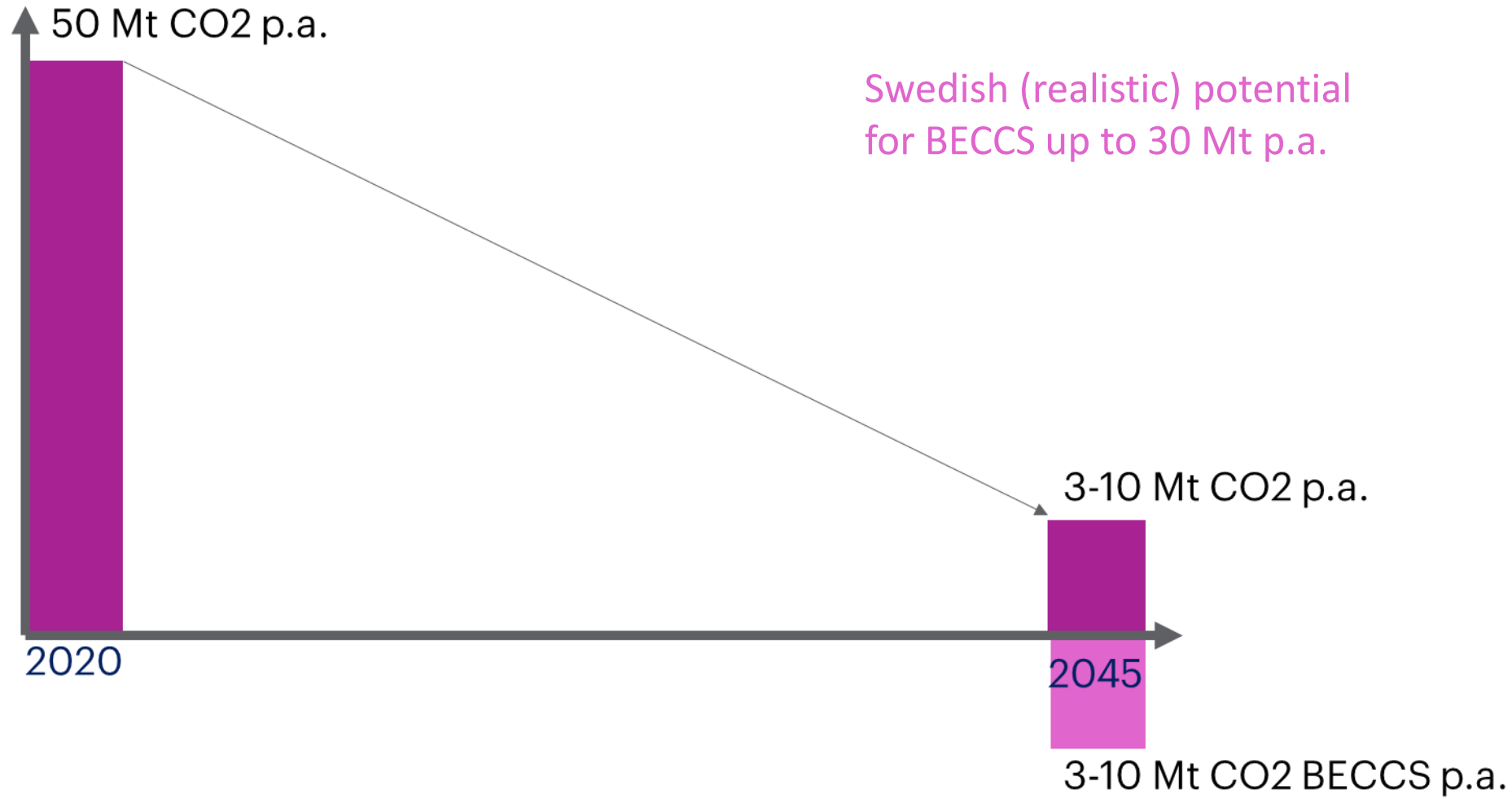
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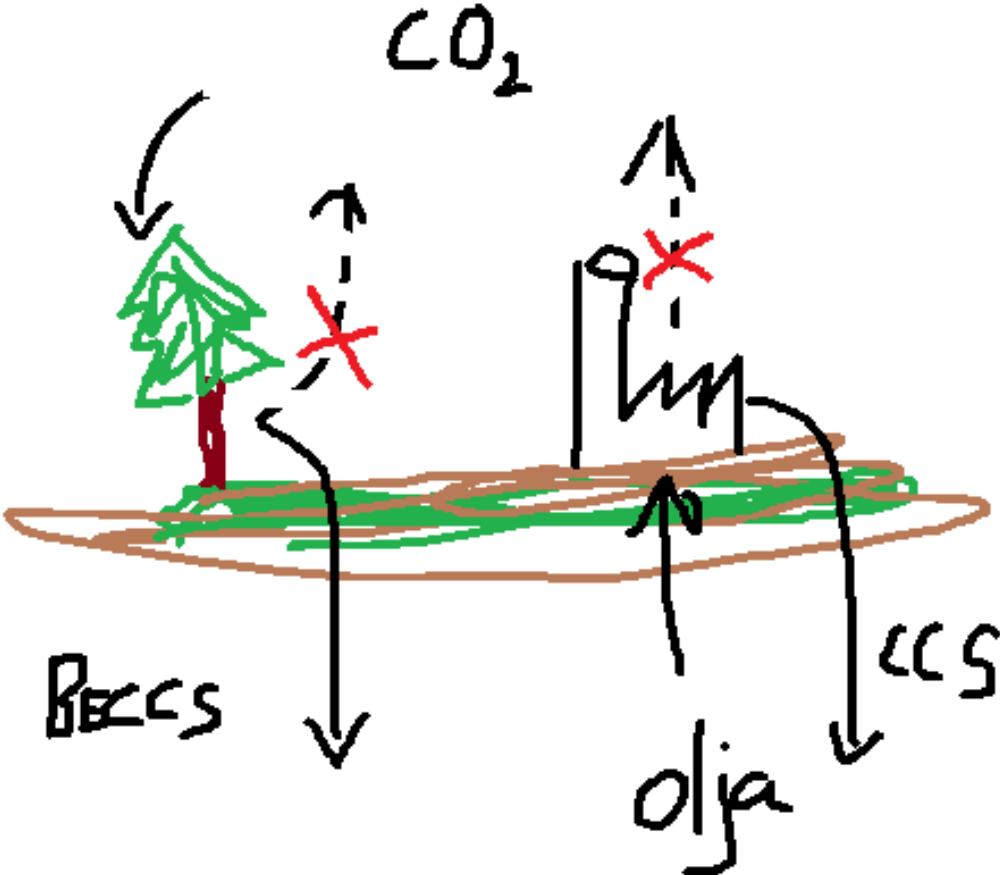
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[GFTN Newsletter October 2013: Interview with Nadja Pilpilidou](#)

# Swedish net zero target



# BECCS vs CCS





# Goal: full size BECCS 2025



- 18% CO<sub>2</sub> in fluegases, extremely low levels of pollutants
- Total energy penalty <2% from capture and liquefaction possible due to heat recovery into district heating.
- Electric power, steam and heatpumps (280 MW) available on site.
- Deep sea port, ships up to 40 000 tonnes handled today.
- 800 000 tonnes potential for CDR through BECCS
- 2nd biomass (mainly slash) and residues from forestry

# Här fångar vi in koldioxid från atmosfären

Det här är vår testanläggning som avskiljer koldioxid. En fullt utbyggd anläggning tillsammans med geologisk lagring har stor potential och skulle under ett år kunna fånga in 800 000 ton koldioxid, vilket motsvarar utsläppen från all biltrafik i Stockholm.

[stockholmexergi.se/minusutslapp](http://stockholmexergi.se/minusutslapp)  
#bioCCS #BECCS

 Energimyndigheten

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Bio-CCS med en potential att fånga in 800 000 ton koldioxid per år



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konstruktiv  
-yt väggar för  
atmosfären



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