Teesside

“Global pioneer in industrial CCS”

Sarah Tennison
Tees Valley Unlimited
• Teesside industry
• Why the UK needs industrial CCS
• Why Teesside needs industrial CCS
• The benefits of industrial CCS in Teesside
• The Tees Valley City Deal
Why the UK needs industrial CCS

• The only technology available to significantly reduce industrial carbon emissions
• Required to meet the UK’s legally binding carbon targets
• Technologically proven at a commercial scale on industrial plants
Why Teesside needs CCS

• Process industry in Teesside is essential for UK economy – worth £10bn per year
• North-east only net exporting region in the UK
• Our international competitors are doing it
• One of the most carbon intensive locations in UK
• No other technology available to substantially reduce industrial emissions
• Cost effective carbon abatement option
• Excellent geographical location
• Clear industrial support

However ... industrial CCS is not currently financeable
The benefits of CCS in Teesside

• Create 4000 high value jobs
• Safeguard £4bn exports every year
• Allow UK companies to compete in the growing market for low carbon chemicals, plastic and steel
• Attract new exporting companies to invest in the UK
• Decarbonise 35% of the UK’s fertilisers, produce green hydrogen and low carbon plastic, decarbonise the second largest blast furnace in Europe
• Decarbonise consumer products we all use every day
The Tees Valley City Deal
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- £1 million from DECC
- Develop the business case for the full chain
- Propose an investment mechanism for industrial CCS
- Only place in the UK doing something about industrial CCS
Thank you

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