

wood.

Taking advantage of changing markets

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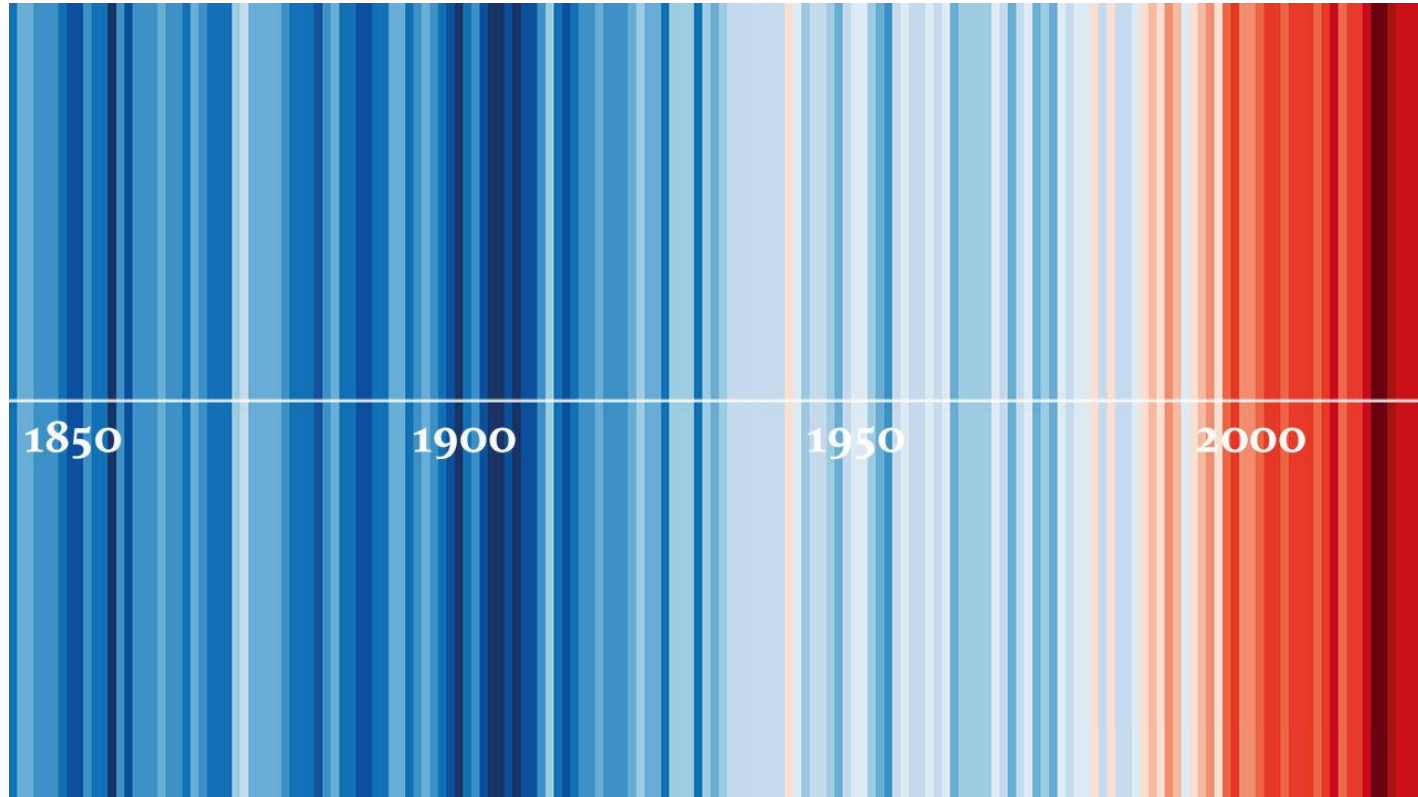
CCUS 2019: Capturing the Clean
Growth Opportunities

6th November 2019

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The challenge we face



The stories we tell

TAILWIND

- Rapid energy transition
- Strong social and political pressure to reduce GHG emissions leads to co-ordinated global action
- Technological breakthroughs in renewable & storage technologies
- Falling carbon emissions by 2035



Sophie

- 18 years old
- Lives in Lagos, Nigeria
- Hopeful of a brighter future

TURBULENCE

- Medium pace energy transition
- Rise in nationalism, geopolitical tensions and retreating globalisation
- Low carbon technologies emerge in developing world and drive change
- Carbon emissions stable by 2035

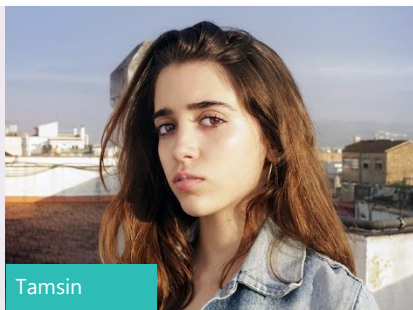


Rafael

- 18 years old
- Lives in Los Angeles, USA
- Fears what the future holds

HEADWIND

- Low / medium pace energy transition
- Catastrophic tsunami galvanises social pressure and political action across the globe
- Technology fails to deliver solutions to enable rapid energy transition
- Carbon emissions growth



Tamsin

- 18 years old
- Born Iceland, lives in Madrid
- Rues missed opportunities

DOLDRUM

- Very low pace energy transition
- Global economic disruption, anti-globalisation and geopolitical tension
- Limited development of low carbon technologies
- Carbon emissions stable by 2035



Isobel

- 18 years old
- Born Manila, fled to Singapore
- Resentful – has lost so much

The future we want



November 2018: International CCUS Summit



December 2018: COP24 Poland

September 2019: Zero Carbon Humber launched

September 2019: 4 million take to the streets for Climate Week

September 2019: European Commission & Norwegian government high level CCUS meeting



February 2019: Coalition of Finance Ministers for Climate Action



June 2019: Net Zero UK in law



The market we co-create



The position Wood occupies



The opportunities we see

Offshore wind



Solar



Environmental remediation



Carbon capture & storage



Hydrogen



Addressing fugitive gases



The path ahead

- The UK is one of the leading locations in the world for CCS
 - High degree of expertise from oil & gas industry and its supply chain are directly applicable
 - Well known, reusable CO₂ storage assets ideal for storing UK CO₂ and imported CO₂
 - World leading Net-Zero CO₂ target in place
- CCS will enable deep cuts in the UK's CO₂ emissions which would be very challenging to realise without CCS
 - Decarbonisation of steel, cement & lime production
 - Bulk hydrogen production with CCS
 - Low carbon, demand responsive power generation
- Government strategy for will be crucial to maintain the current momentum
 - Delivering CO₂ transportation and storage infrastructure
 - Incentivisation of CO₂ capture from high emitting industries

