

# CAMBRIDGE ZERO<sub>2</sub>



## Climate Research at Cambridge

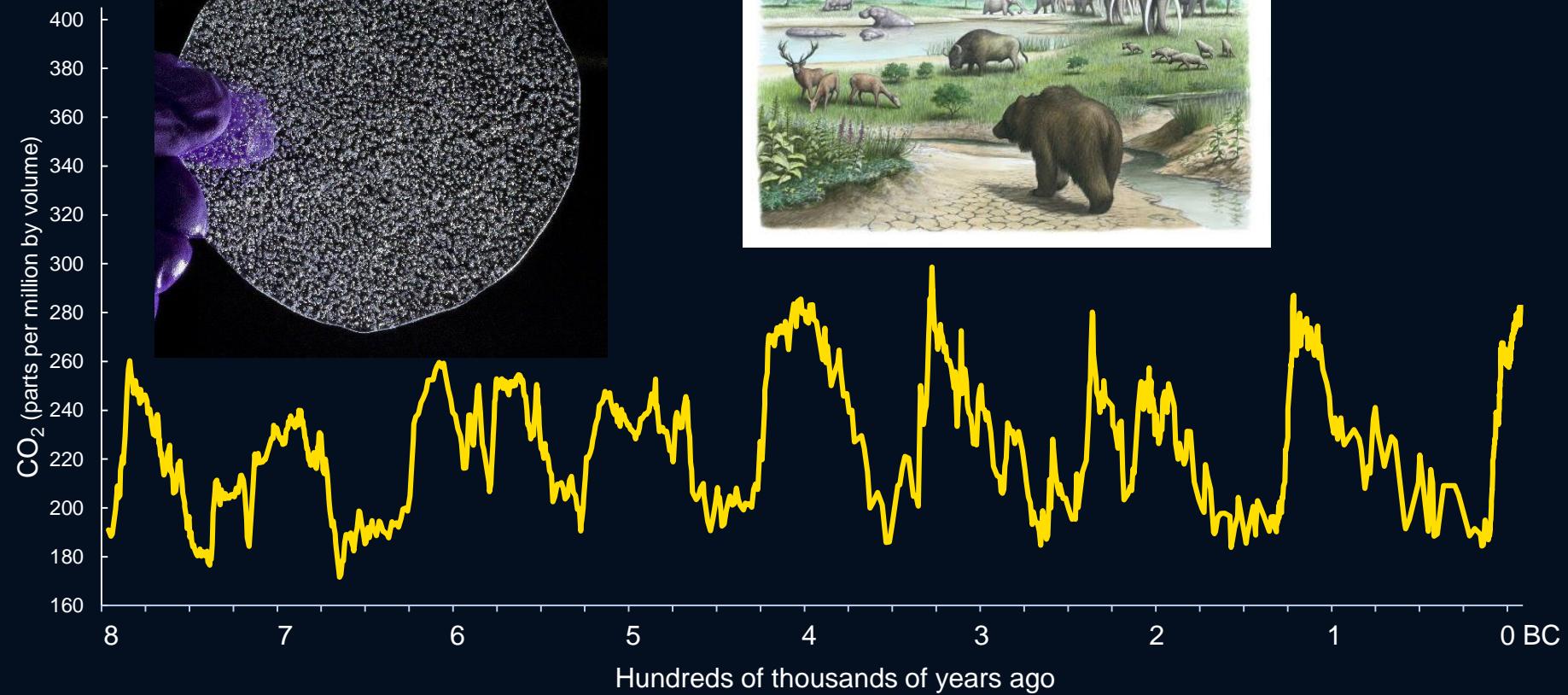
Emily Shuckburgh  
@CambridgeZero



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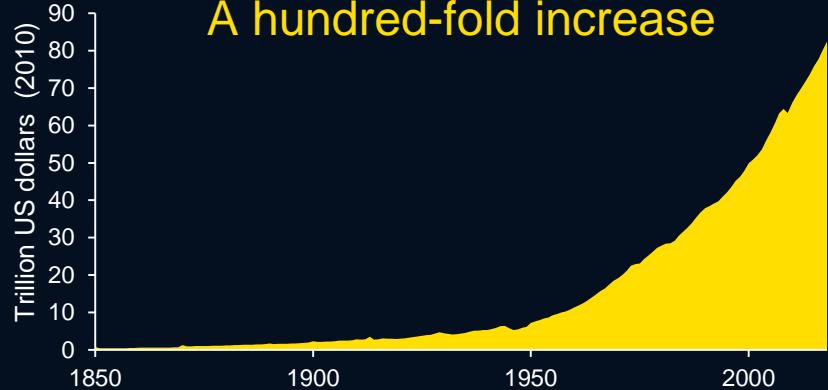


Scene showing plants and animals found as fossils in Barrington Beds (120, 000 years old) near Cambridge



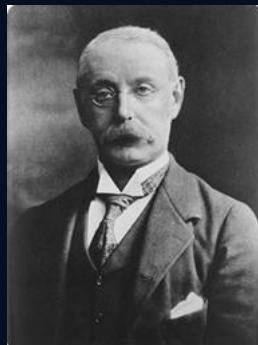
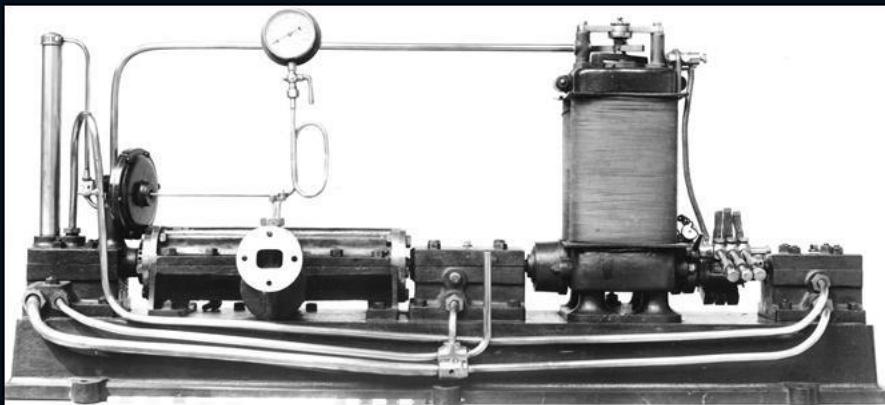
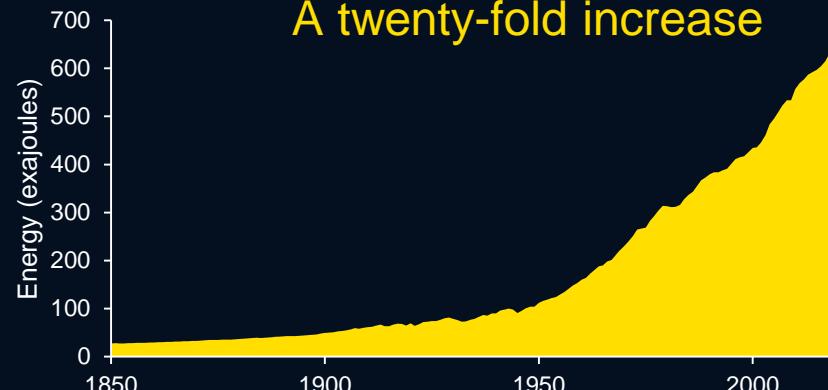
Global GDP

A hundred-fold increase



Global energy use

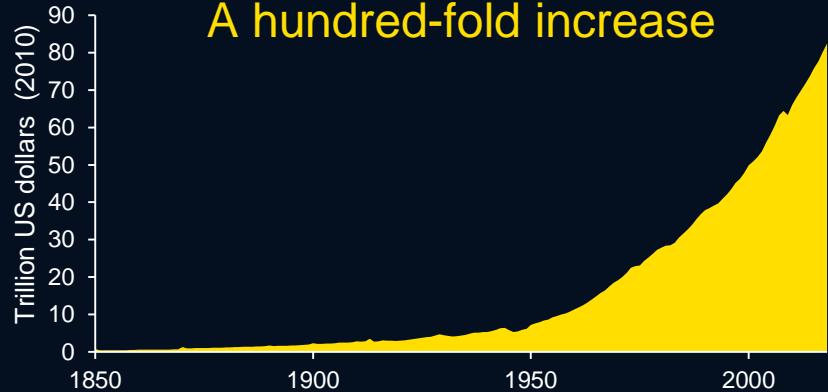
A twenty-fold increase



Charles Parsons, steam  
turbine to drive electrical  
generators, 1884

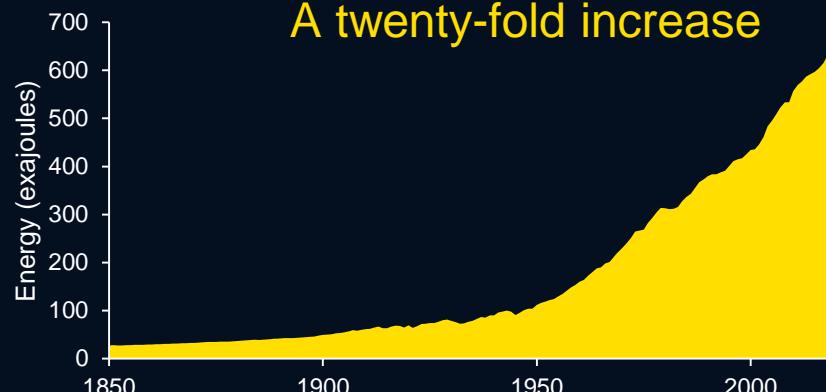
Global GDP

A hundred-fold increase



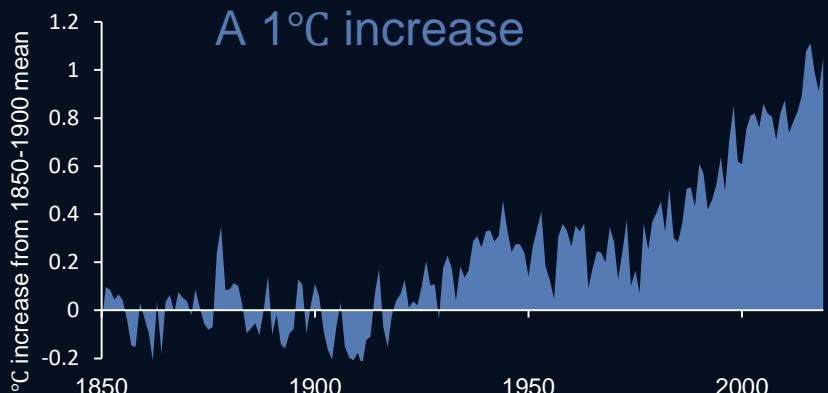
Global energy use

A twenty-fold increase



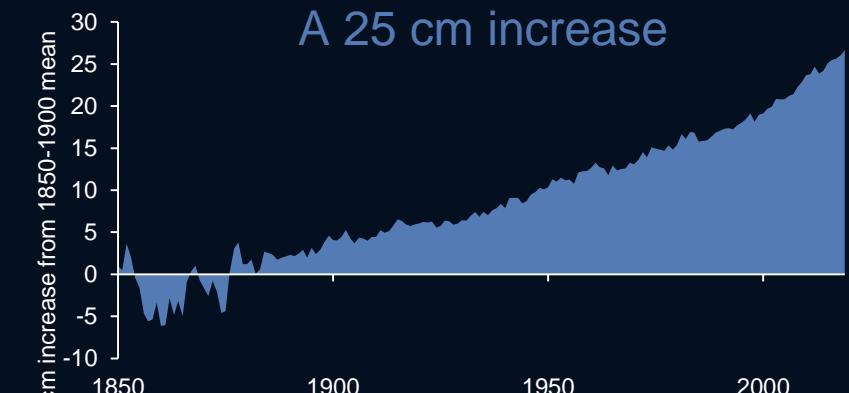
Global surface temperature

A 1°C increase



Global sea level

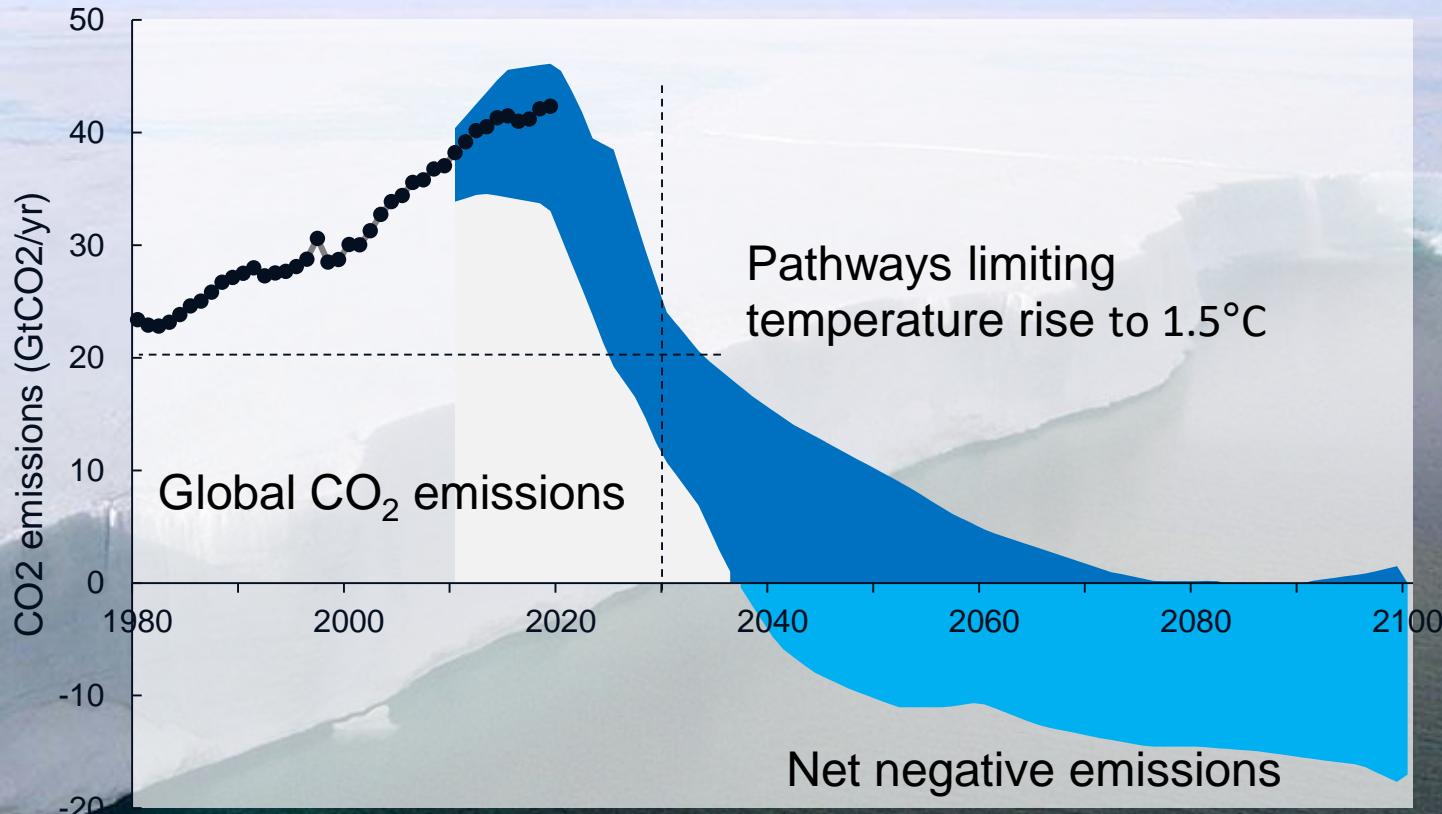
A 25 cm increase



# Risks to people, nature & business multiply with warming

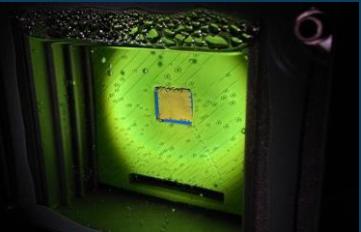


# Transformational change required, **starting today**

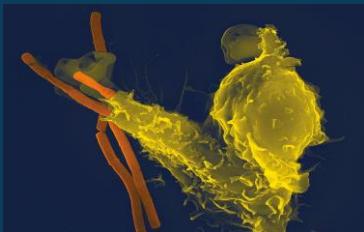


## Responding through pioneering research

### Zero-carbon energy transitions



### Health and society



### Resources and production



### Resilient futures



### Transport, cities and infrastructure



### Carbon drawdown and climate repair



## Engaging partners

### Sustainability in business



### Public engagement



### Evidence-based policymaking



### Industrial collaboration



### Start-ups and small enterprise



### Schools and training



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Inspiring leadership



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Leading by example

# Climate EXPO



A virtual summit advancing  
a zero-carbon world

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To find out more visit: [www.zero.cam.ac.uk](http://www.zero.cam.ac.uk)



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