

Climate change: impact on the economy and financial system



Agenda

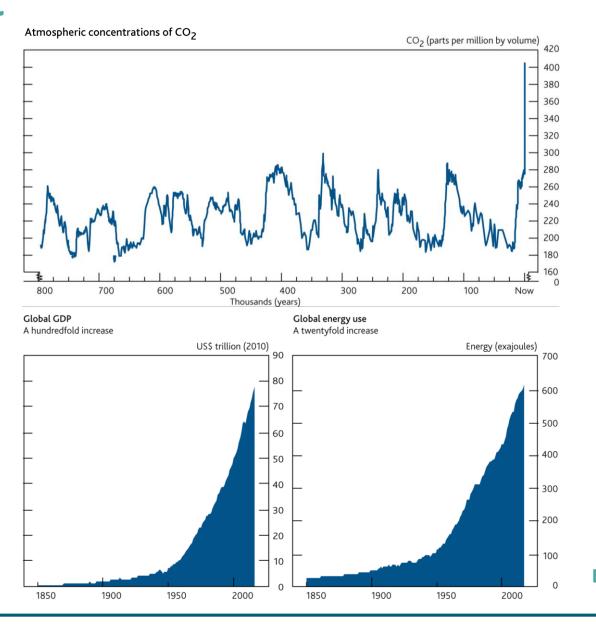
- 1) Relevance of climate change to central banks
- 2) Climate-related risks to the economy and financial system
- 3) Scenarios for central banks and supervisors

What do central banks do?



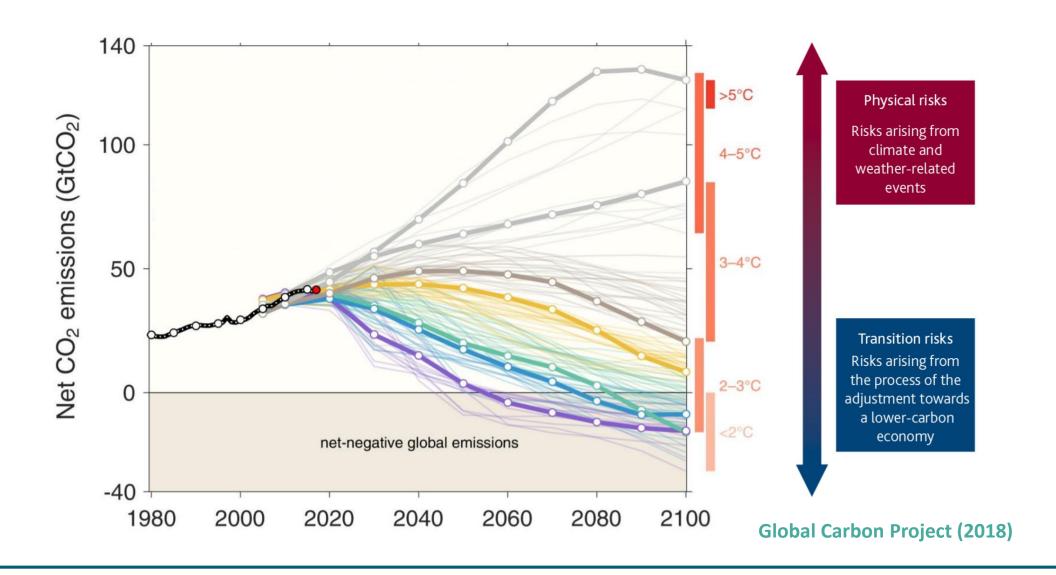
- Print bank notes and store gold
- Wholesale payments
- Regulate financial firms
- Assess financial stability risks
- Set interest rates in the economy

Historical context

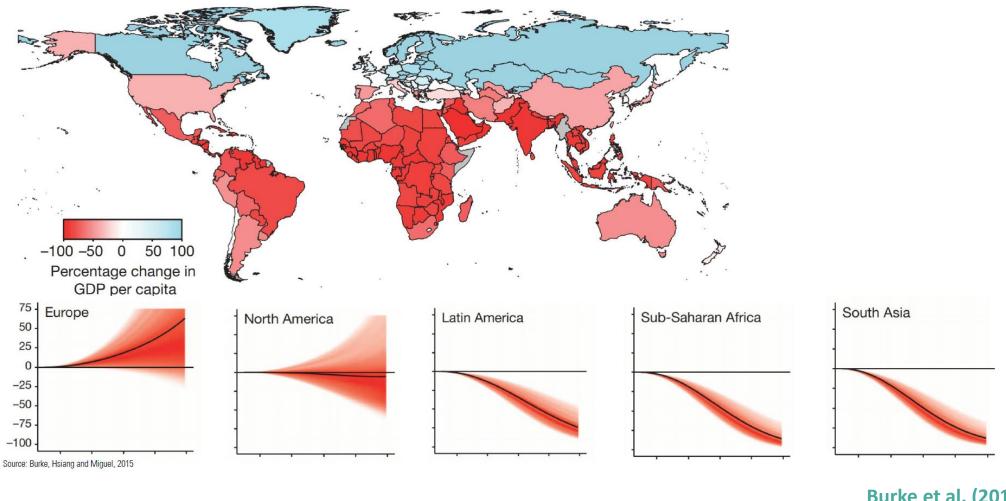


British Antarctic Survey (2018)

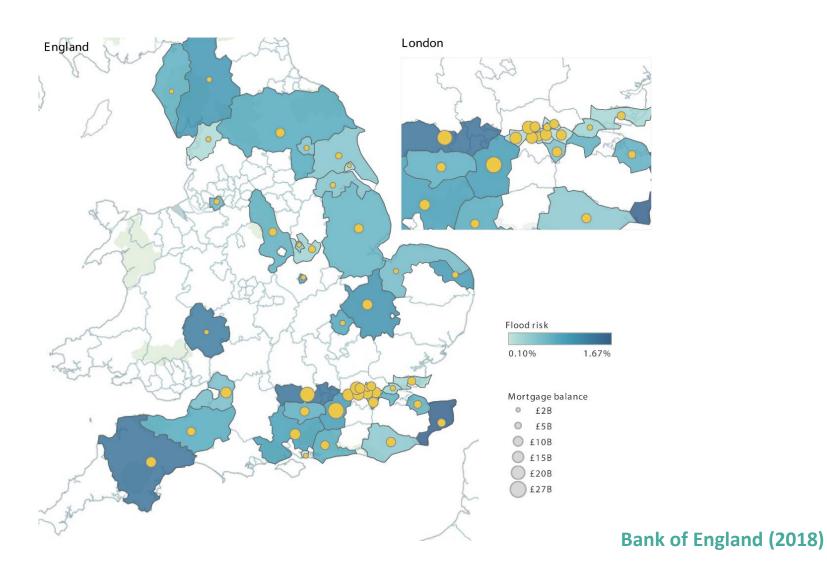
There are two sources of climate-related risks



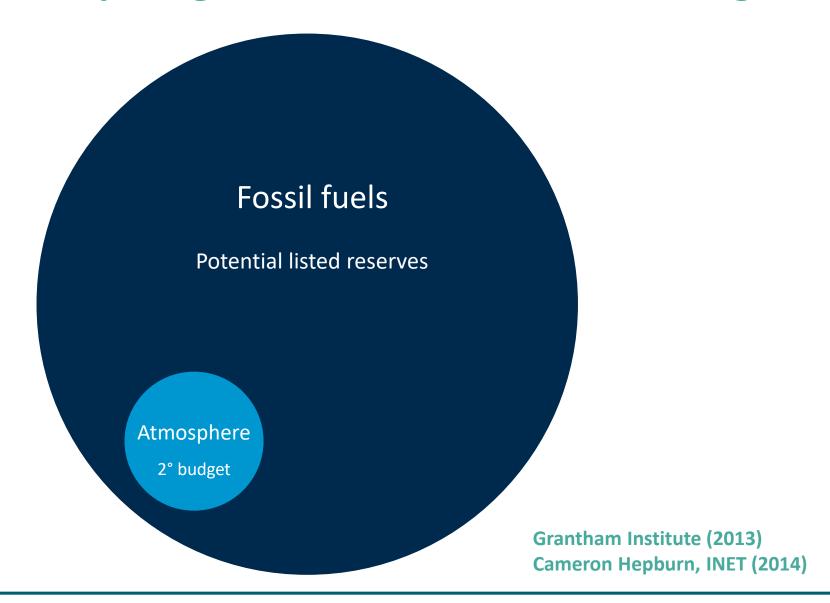
Physical impacts on economy are large, non-linear, vary by region



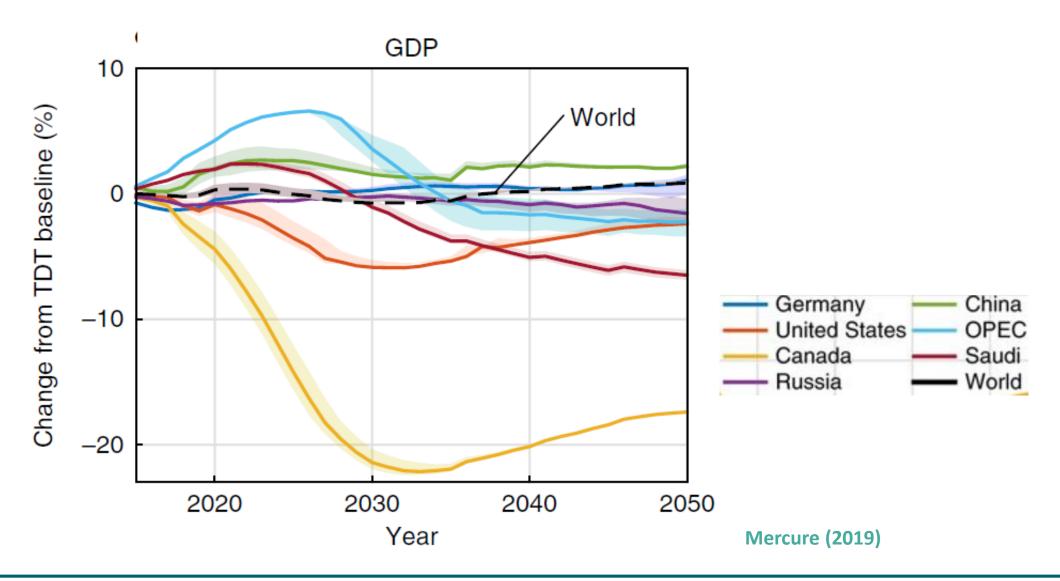
Physical impacts also translate into financial risks



Transition risk: comparing listed reserves to carbon budgets



Wider macroeconomic impacts from transition risk



What makes climate-related risks different?

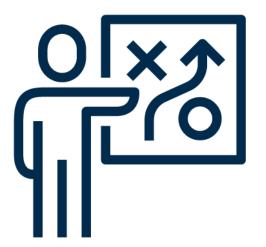
Far reaching, non-linear and irreversible

Foreseeable, although uncertain

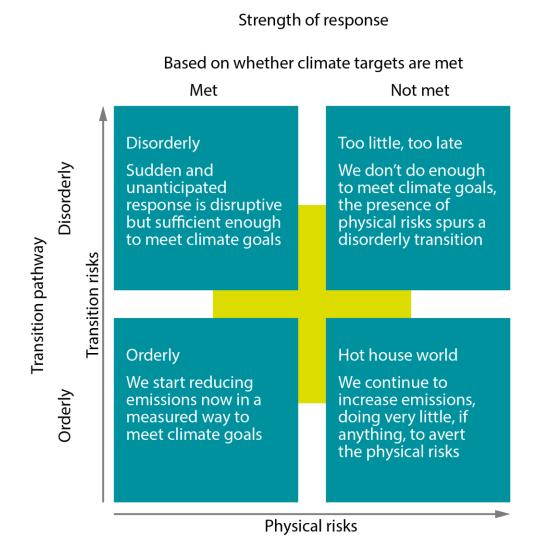
For action today to minimise future risks







Central banks also need scenarios



Network for Greening the Financial System (2019)



Thank you

Questions