

# Assessing green growth policies: macro-economic models and empirical studies

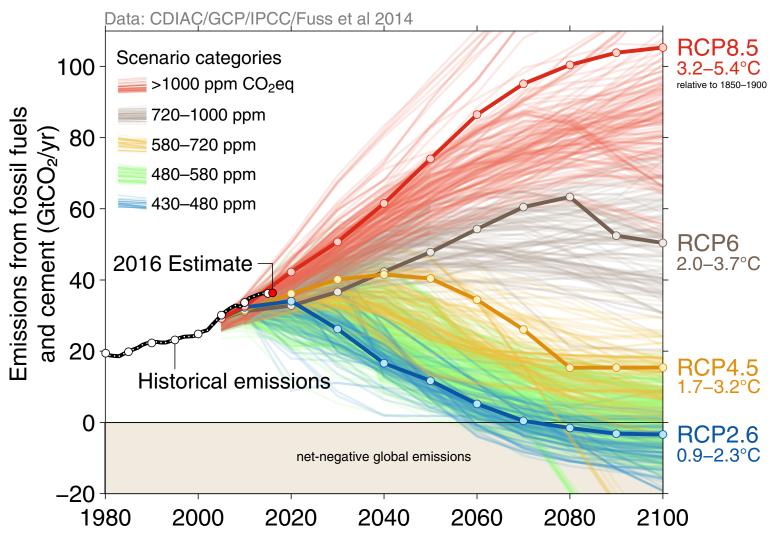
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### Why do we need green growth?







## ... no green growth ...









## Climate change and green pathways

- The costs of climate change can be huge and exponetially growing
- Green growth pathways are needed <u>now</u> to avoid carbon lock-ins
- We need macroeconomic models to properly account for the costs of climate change and to design policies to sustain green growth



#### Questions

1. What are the structural characteristics of macro-economic models allowing to account for the costs of climate change and for the existence of green growth pathway?

2. Under which conditions and policy mix can the economy follow a green growth pathway?

3. What are the insights on green growth from the empirical analyses of green financial instruments and State Investment Bank project portfolios?