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Office

Can we deliver the Paris Agreement & limit the global average temperature to well below 2 °C above pre-industrial levels and ideally to 1.5 °C?

1

1



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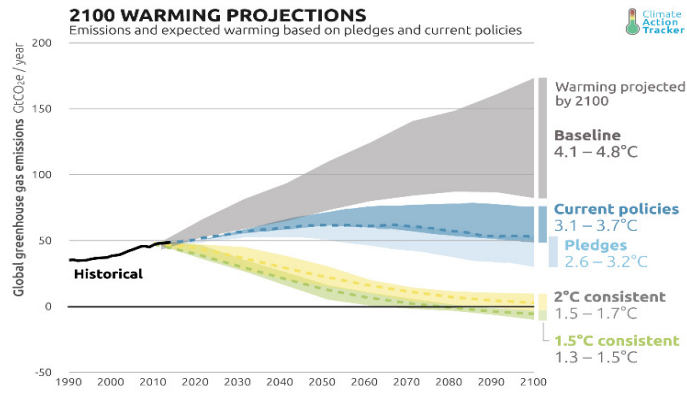
1. Necessary? Yes
2. Desirable? Yes
3. Achievable? Yes, but...

Source: Christiana Figueres/Mission 2020

2

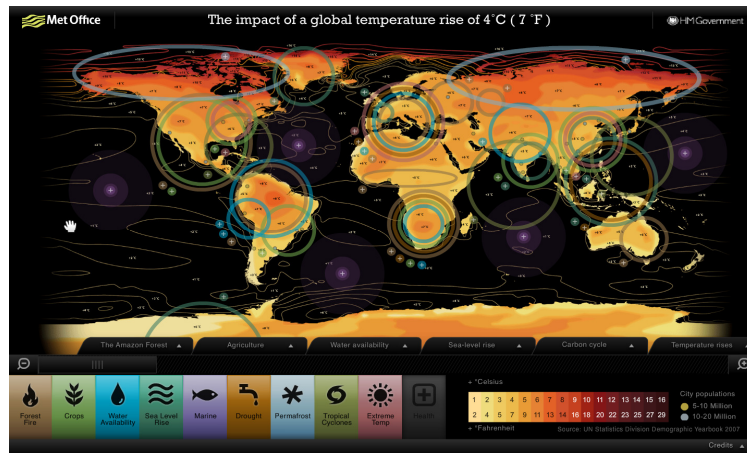
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Is tackling climate change necessary (1)?



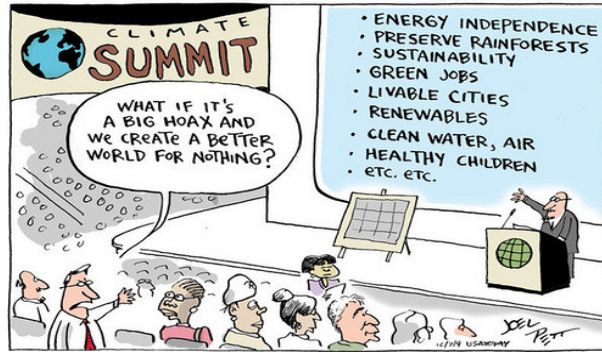
Source: Climate Action Tracker

Is tackling climate change necessary (2)?



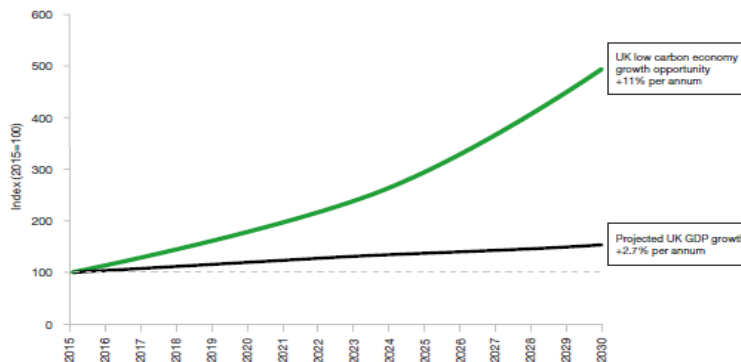
Source: Met Office

Is tackling climate change desirable (1 – for society)?



Source: USA Today

Is tackling climate change desirable (2 – for economy)?



Source: Ricardo-AEA for the CCC; OECD

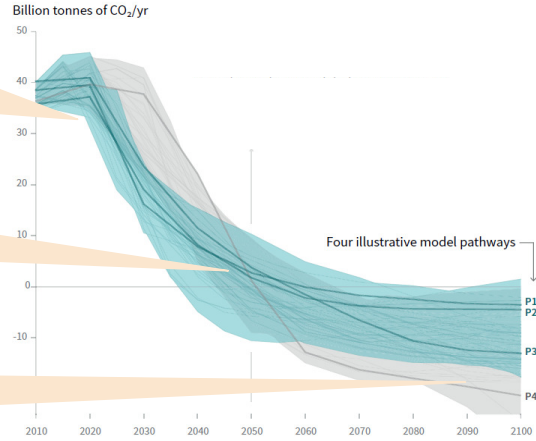
Is tackling climate change achievable (1)?

Limiting 1.5C is technically achievable, but any/all scenarios require **dramatic emissions reductions** from 2020, at a time when population and economic activity moving sharply in the opposite direction. This will require **unprecedented changes in all aspects of society** globally.

The world will need to be at, or **near to, net zero emissions by 2050**. The longer we delay the more costly it will be, with a greater extent of extreme weather, and unquantifiable damage to economies & ecosystems.

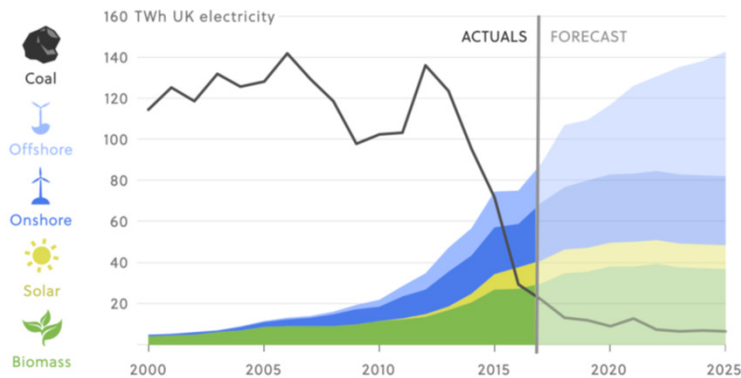
After 2050, active action will be needed to remove Greenhouse Gas from the atmosphere. Again, more radical action will be needed if reductions in emissions delayed.

Global total net CO₂ emissions



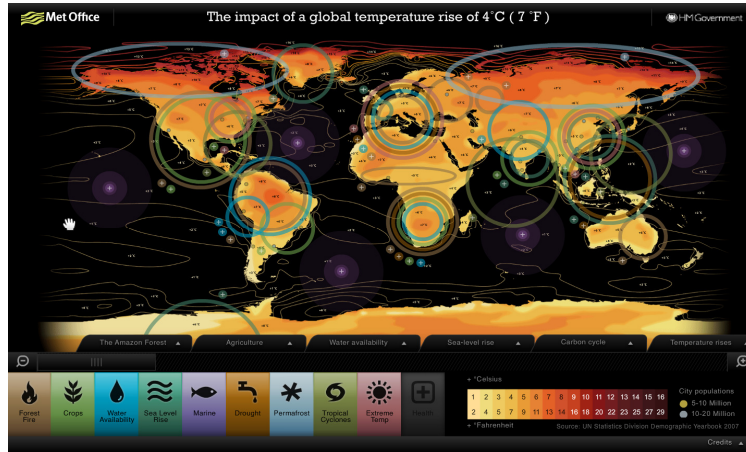
Source: UN IPCC report, 2018

Is tackling climate change achievable (2)?



Source: WWF/Sandbag

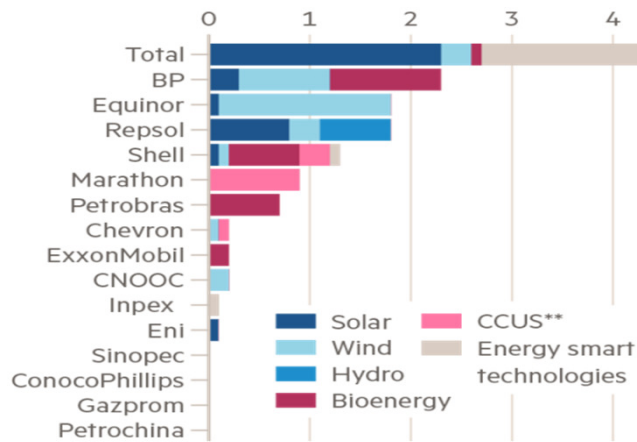
Is tackling climate change achievable (3)?



Source: Met Office

Is tackling climate change achievable (4)?

Disclosed low-carbon investment as a proportion of total capital spend, 2010 to Q3 2018 (%)



Source: Financial Times, 2019

Conclusion: Can we deliver the Paris Agreement? Yes, but..."



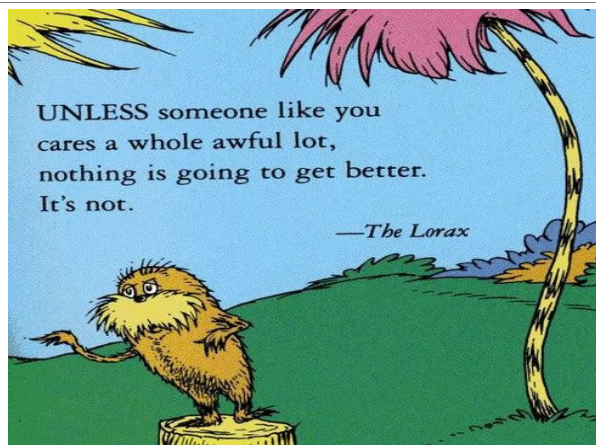
Source: A.A. Milne

"Here comes Edward Bear now, down the stairs behind Christopher Robin. Bump! Bump! Bump! on the back of his head. It is, as far as he knows, the only way of coming down stairs. He is sure that there must be a better way; if only he could stop bumping for a moment to think of it."

11

11

Conclusion: Can we deliver the Paris Agreement? Yes, but..."



Source: Dr Seuss

12

12