

# Global Carbon Budget 2015

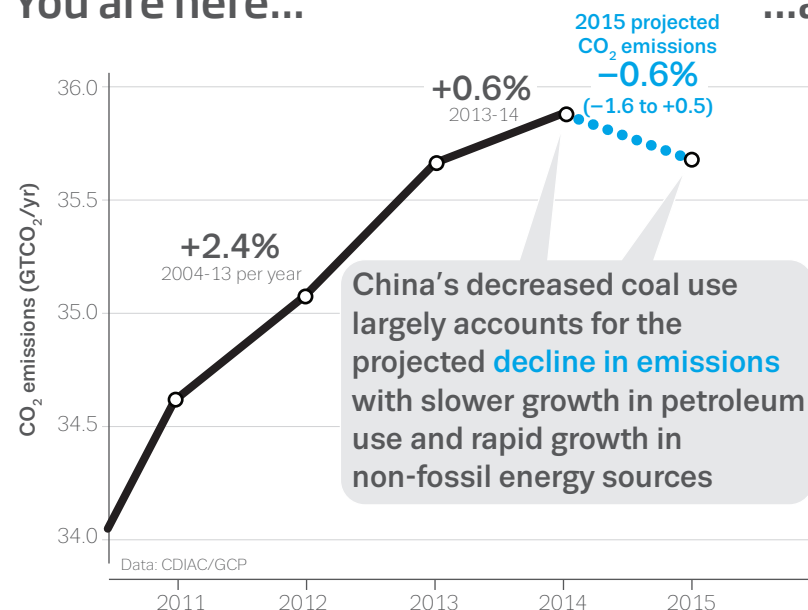
Emissions from fossil fuels and industry grew +0.6% in 2014, and are projected to **decline by -0.6% (-1.6 to +0.5) in 2015**. This marks a break in the rapid emissions growth of 2.4% of the previous decade

Atmospheric CO<sub>2</sub> levels have reached **400 ppm**...

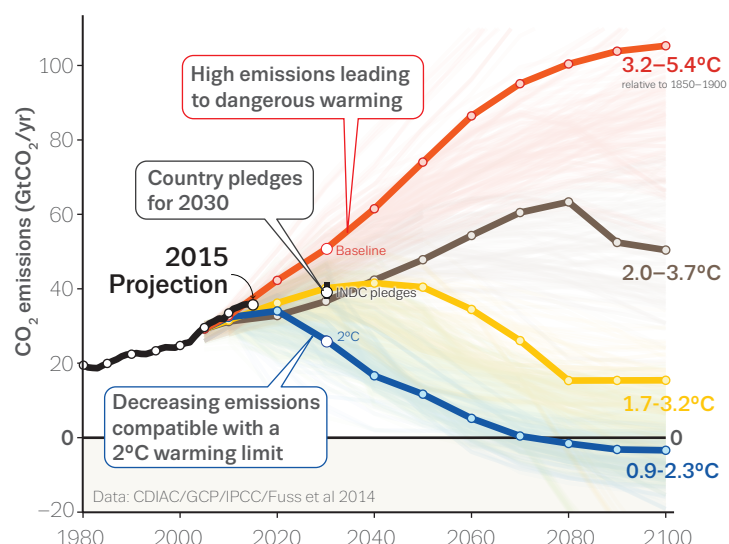
...only near zero emissions will stop this rise

315 ppm  
Data: Scripps/NOAA-ESRL  
1960 2015

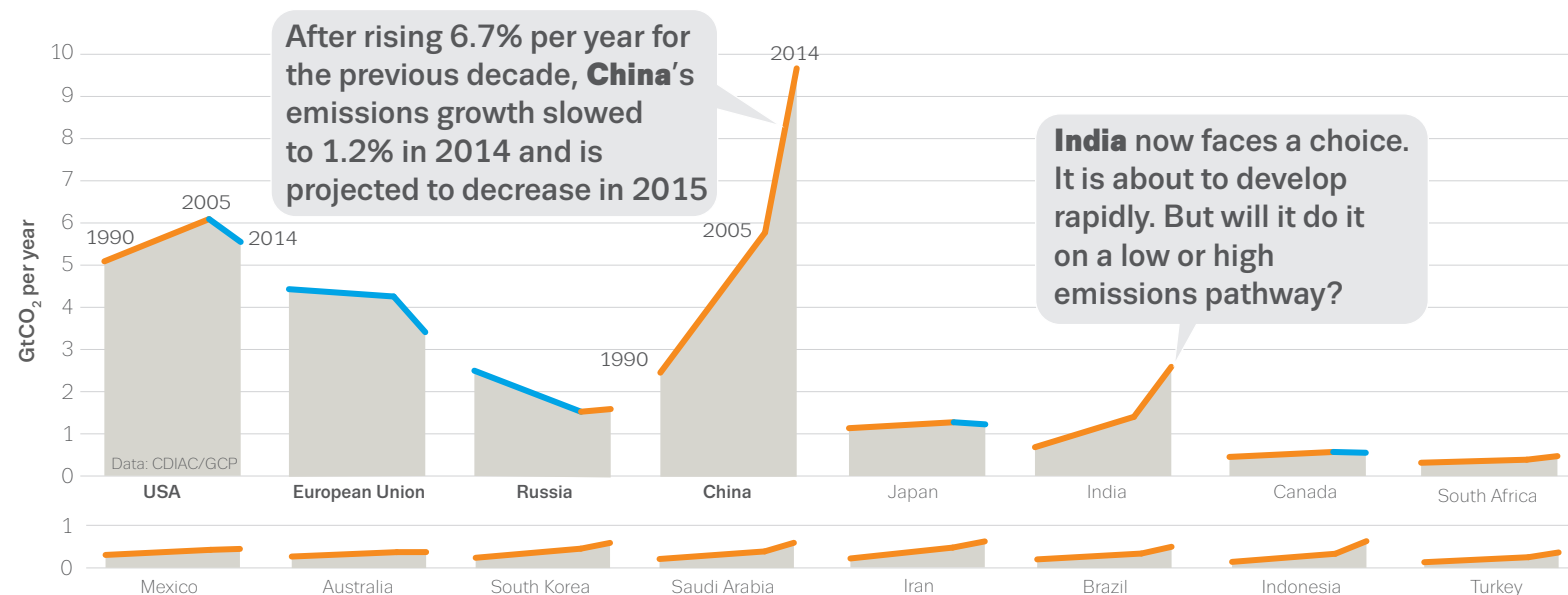
You are here...



...a long way from near zero emissions...

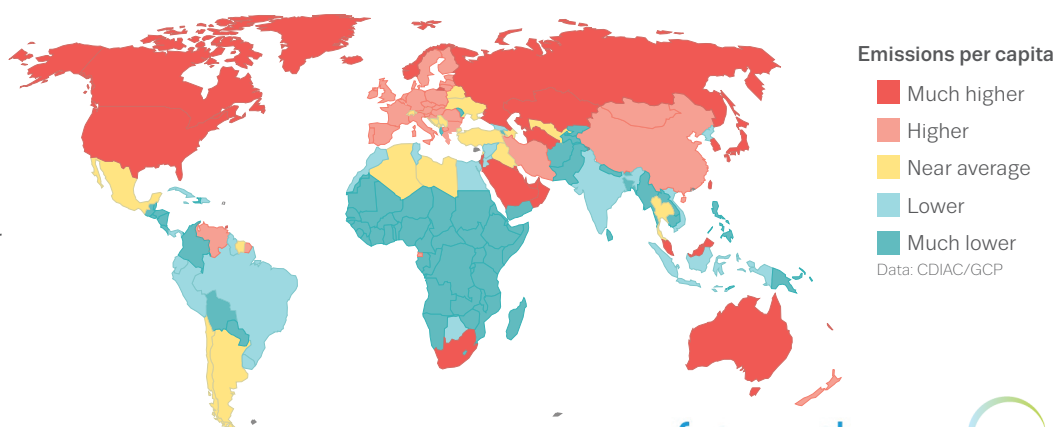


...though emissions are beginning to **decline** in many countries



Global emissions must quickly drop to zero to hold to 2°C

Our **average** per capita emissions are **4.9 tCO<sub>2</sub>** each year



Copyright:



Produced by the Future Earth Media Lab for the Global Carbon Project.  
Written and edited by Corinne Le Quéré, Róisín Moriarty (Tyndall Centre, University of East Anglia), Owen Gaffney. Design: Nigel Hawtin.

Credits: Jackson et al., Nature Climate Change 2015; Le Quéré et al. Earth System Science Data 2015; NOAA-ESRL and the Scripps Institution of Oceanography; CDIAC. INDC projection based on UNFCCC analysis.

futureearth  
research for global sustainability

GLOBAL CARBON PROJECT