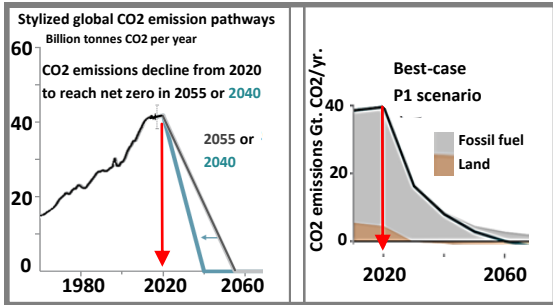
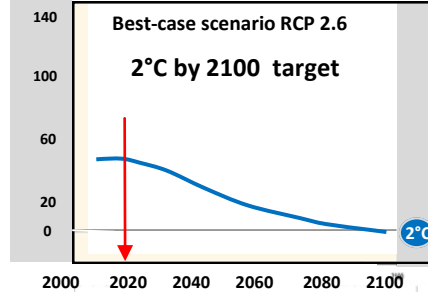


Global emissions have to decline rapidly from 2020 – at the very latest

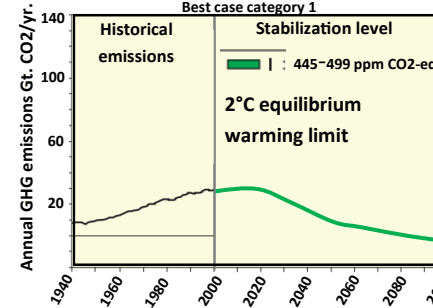
IPCC 2018 1.5°C Report, Fig SPM. 1



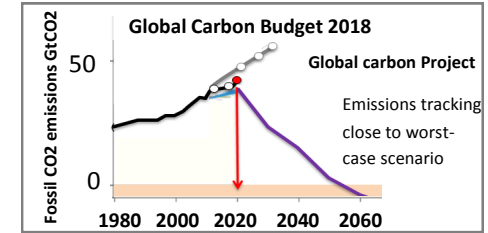
IPCC 2014 5th assessment



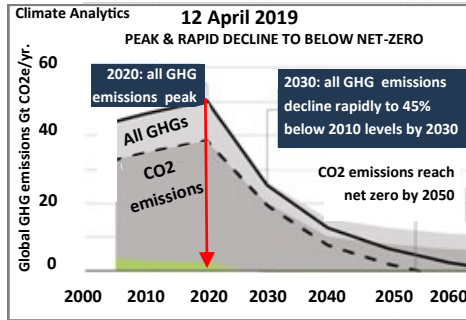
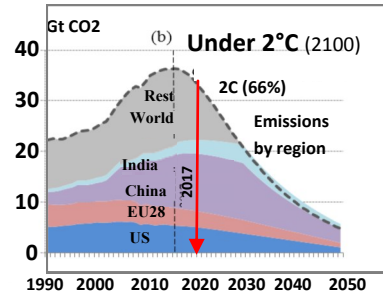
IPCC 2007 4th assessment



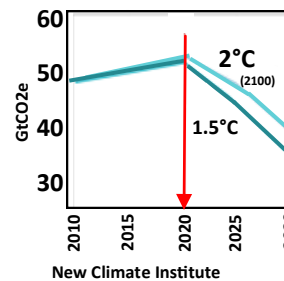
2020 applies to 1.5°C & 2°C. Graphics from the published science are adapted for simplicity. All text is as published. Red arrows mark 2020 (some have emissions declining before 2020). CO2e(q) equivalent includes the other GHGs with CO2. Originally the 2°C limit was equilibrium warming (long after 2100). Since 2007 2°C is a target by 2100.



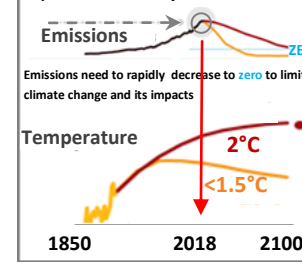
Jiang Earth's Future March 2019



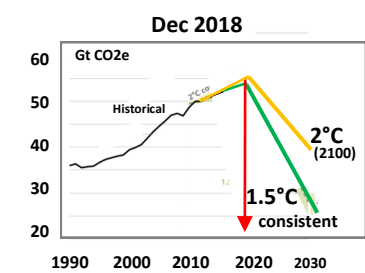
Feb 2019 Data Driven Yale,



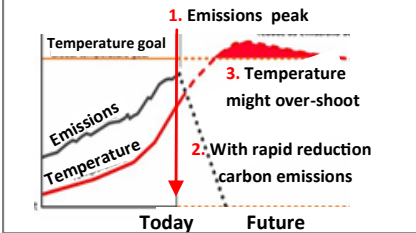
Global Carbon Budget 2018 by Global Carbon Project



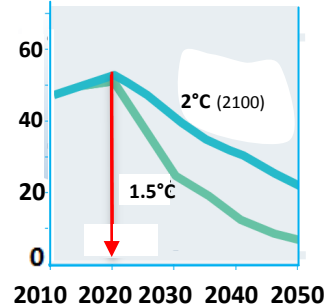
Climate Action Tracker



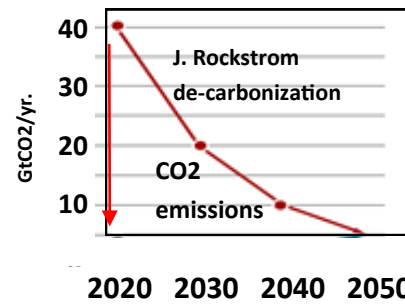
CNN 8 Oct 2018 Planet has only until 2030, to stem catastrophic climate change experts warn



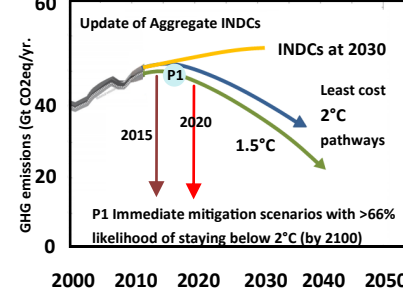
UNEP GAP Report 2018



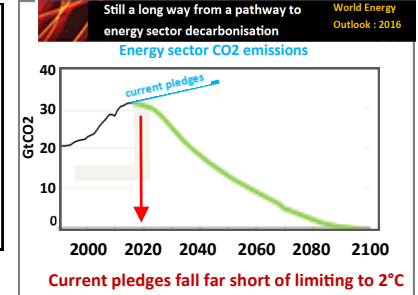
2017 Carbon Law



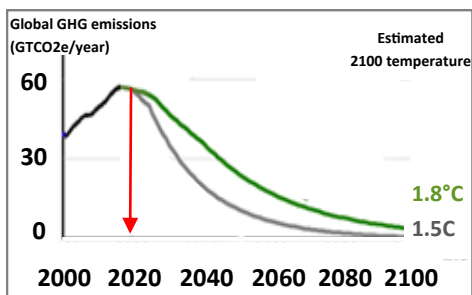
UN Climate Secretariat 2016



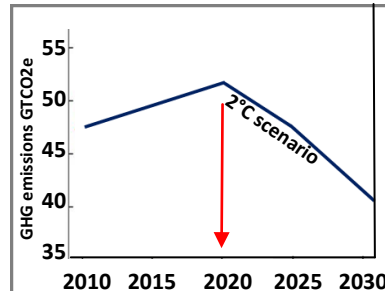
International Energy Agency 2016



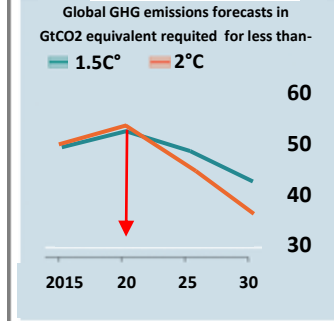
Climate Interactive Scoreboard 2016



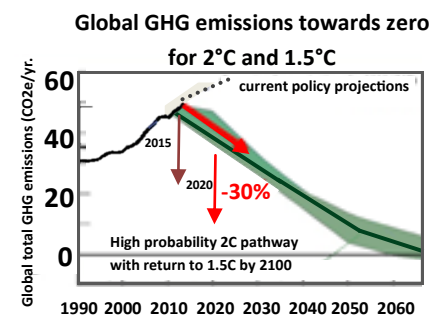
Rogeli, 2016, Paris agreement...



The Economist: 2016



ECOFYS 2013



1990 1st IPCC assessment

