## **Global Carbon Budget 2016**

**Global emissions** from fossil fuels and industry did not grow in 2015 and are projected to **rise slightly in 2016**. This is the third year in a row where global emissions are

below 1% growth while global GDP exceeds 3% growth



## Between the Paris agreement and the Marrakesh plan of action, we are here



## Emissions trends vary among countries



## While atmospheric CO\_2 moves permanently above 400 ppm



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Atmospheric  $CO_2$ concentration will continue to rise until  $CO_2$  emissions are cut down to near zero





Produced by the Future Earth Media Lab for the Global Carbon Project. http://www.globalcarbonproject.org/carbonbudget/index.htm Written and edited by Corinne Le Quéré (Tyndall Centre, University of East Anglia) with the Global Carbon Budget team. Updated from 2015 version. Infographic by Nigel Hawtin. Thanks to Glen Peters, Asher Minns, Bob Woolliams for comments. Credits: Le Quéré et al. Earth System Science Data 2016; NOAA-ESRL and the Scripps Institution of Oceanography, CDIAC. NDC projection based on UNFCCC analysis based of Rogelj et al Nature 2016 assuming constant CO<sub>2</sub>/GHG ratio