



How can the Paris Agreement help us in our efforts to increase ambition in the EU

Ulriikka Aarnio
Climate Action Network Europe

The Paris Agreement

- Amazing headlines
- EU very happy
- Most NGOs happy - some were not - doesn't matter now
- Skeptics left with very little



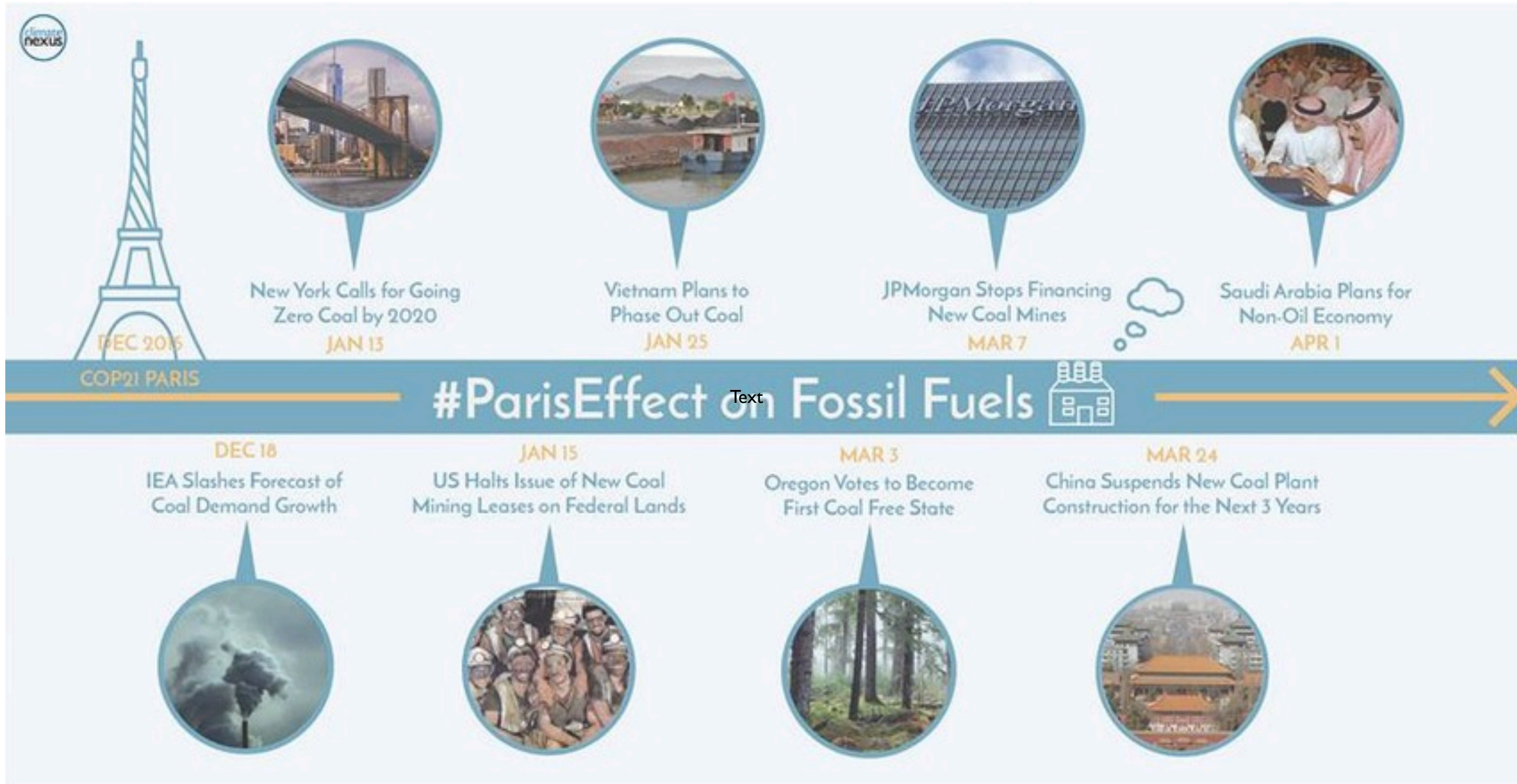
Key outcomes - tools for domestic use

- All countries acting - INDCs
- Common transparency and accountability
- 5-year reviews of targets
- Well below 2°C, **pursue efforts to 1.5°C**
- Net zero all GHG during the 2nd half of the century (incl. fairness)
- Revision of current inadequate INDCs (+3°C)
- Shifting financial flows

Messaging

- Focusing now on what we want Paris to mean:
- End of fossil fuels era
- Paris changes everything - no more business as usual
- Requires urgent action by all, incl. all sectors (zero targets)
- Politically important that the EU helps to maintain Paris momentum - no more BAU
- The EU's targets are not consistent with the Paris Agreement long term goals- must be improved
- Revision of EU climate and energy policies should start now with the climate and energy package on the table

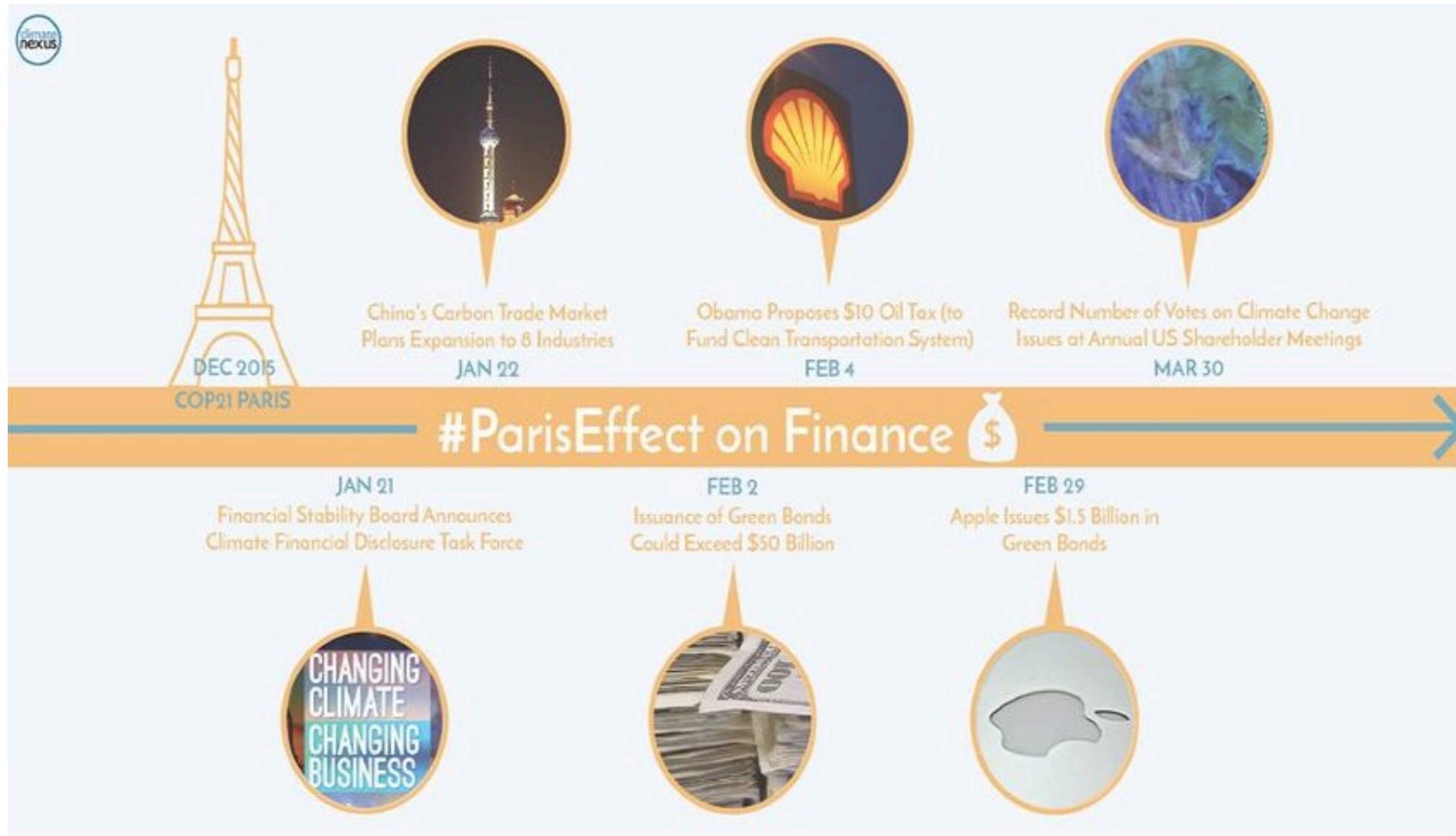
The Paris Effect



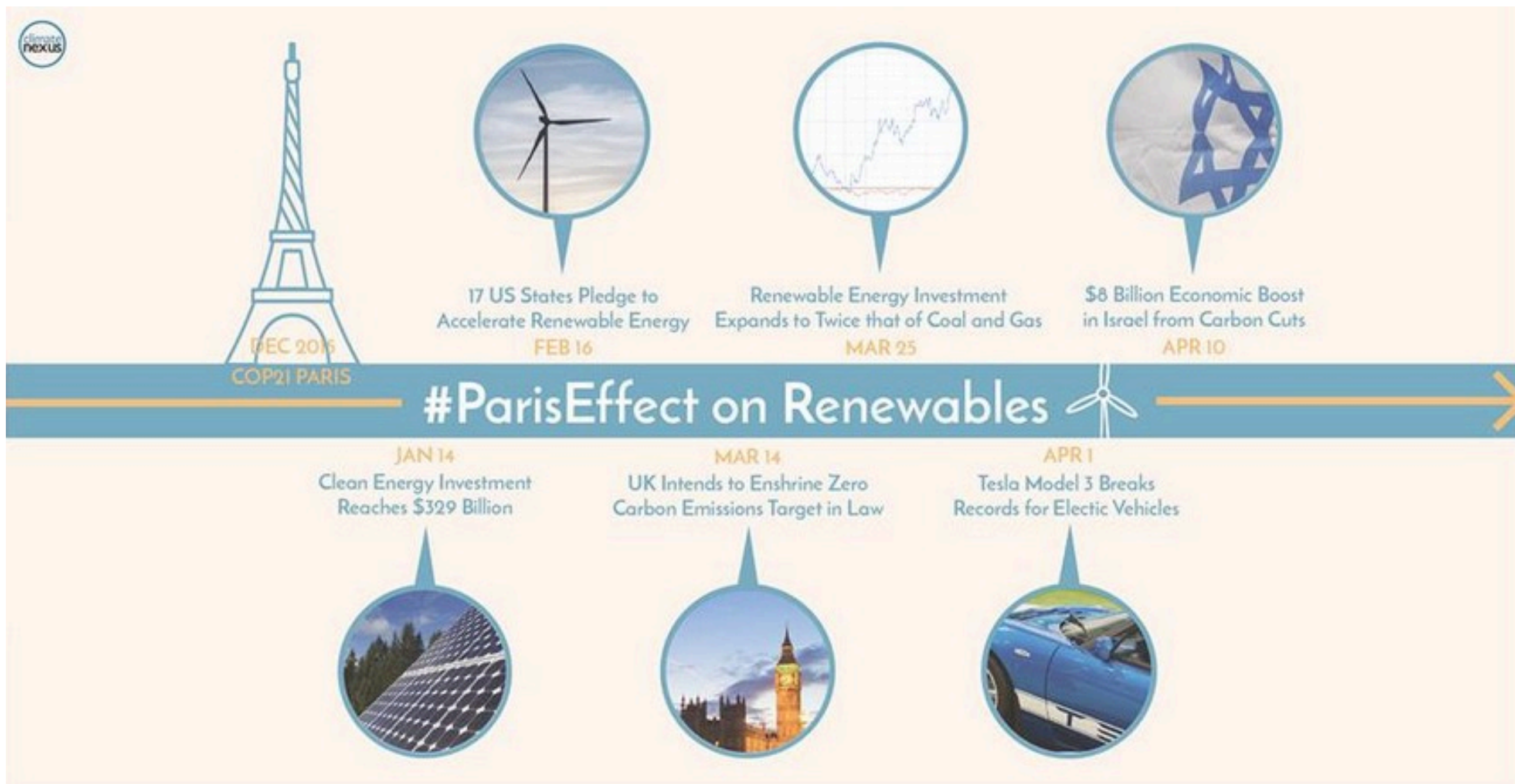
The Paris Effect



The Paris Effect



The Paris Effect



EU timeline for implementing Paris

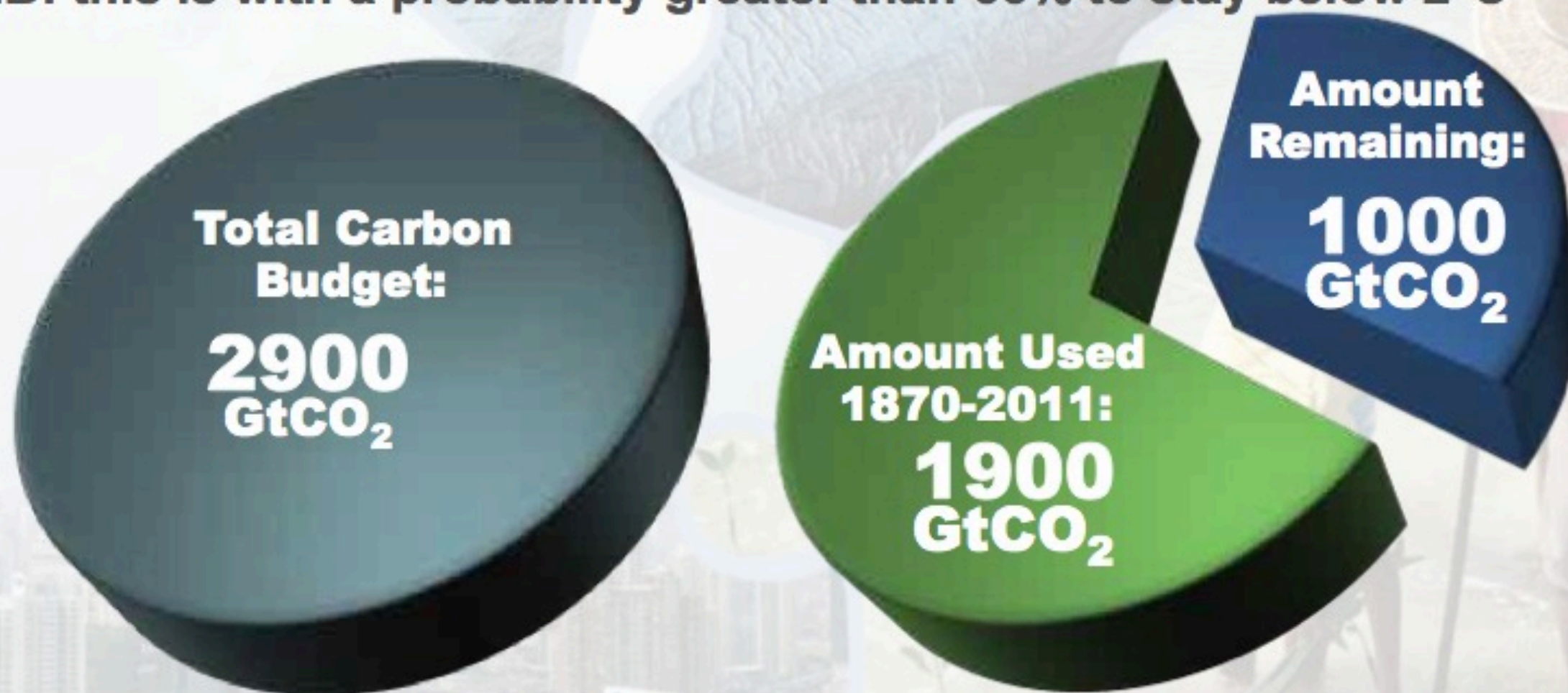
- EC Communication on Paris outcome
- March Environment Council debate
- European Council (implement & ratify asap)
- **2030 package: ETS, ESD, RE, EE, LULUCF..**
- Implications to investment, innovation, trade...
- Updating of EU 2050 mid-century strategy/roadmap
- 2018 UNFCCC stocktake
- 2020 communicating to the UNFCCC new or updated 2030 targets
- By 2020 submission of 2050 plans to UNFCCC

Work for us too

- New NGO positions - translating Paris outcome in NGO policy demands in the EU - our own policy positions are not in line with the PA
- Pre-2020: urgency
- 2030: revision
- Long term targets:
 - The easy: net zero
 - Zero targets for sectors - starting with coal, gas, oil
 - The difficult: 1.5°C (or even well below 2°C)
 - Carbon budget, EU's fair share, negative emissions, 2050 pathways

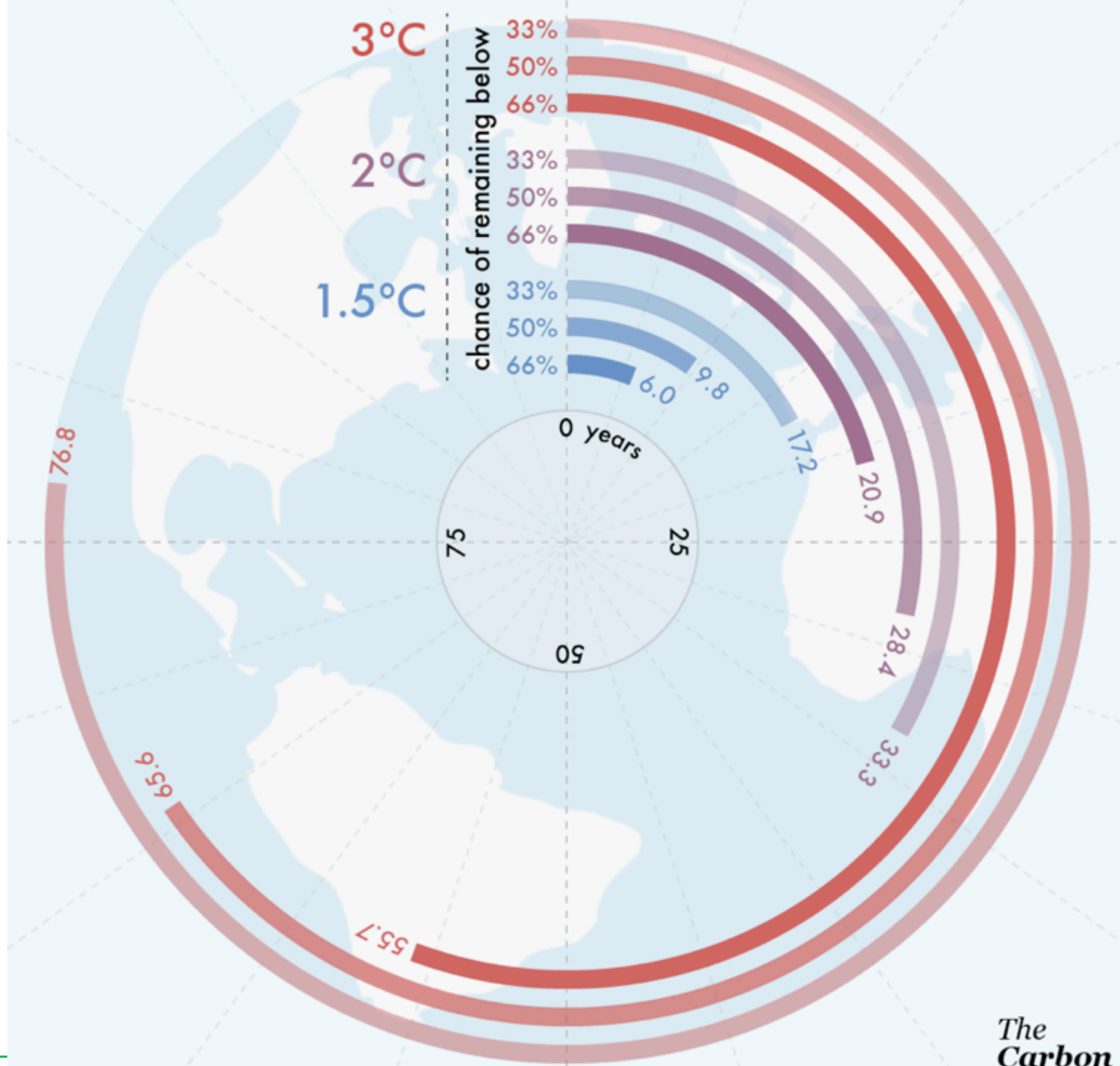
The window for action is rapidly closing

65% of the carbon budget compatible with a 2°C goal is already used
NB: this is with a probability greater than 66% to stay below 2°C



NB: Emissions in 2011: 38 GtCO₂/yr

AR5 WGI SPM



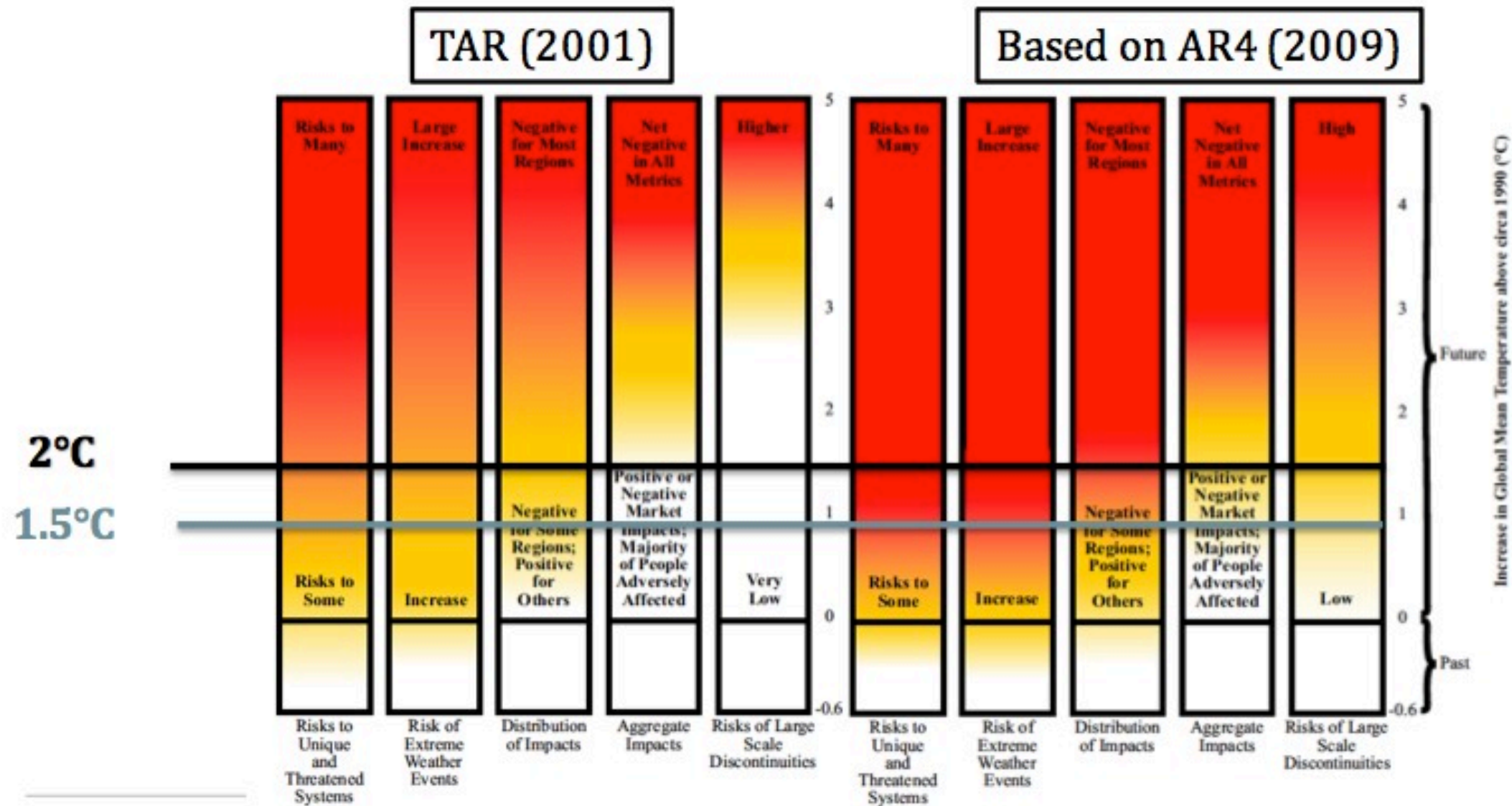
<http://bit.ly/carboncountdown>

<http://www.carbonbrief.org/scientists-discuss-the-1-5c-limit-to-global-temperature-rise>

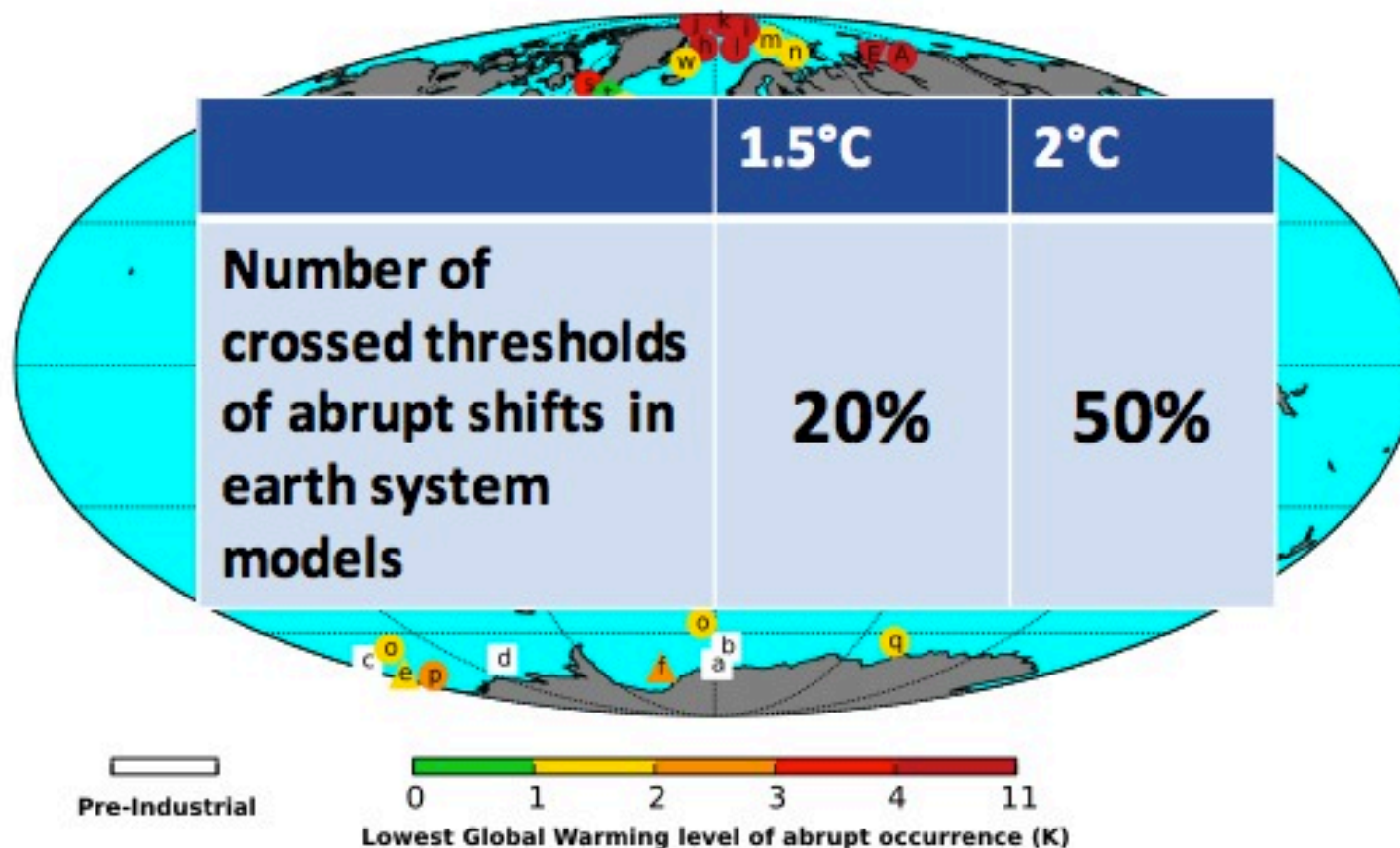
The
Carbon
Brief



The scientific basis

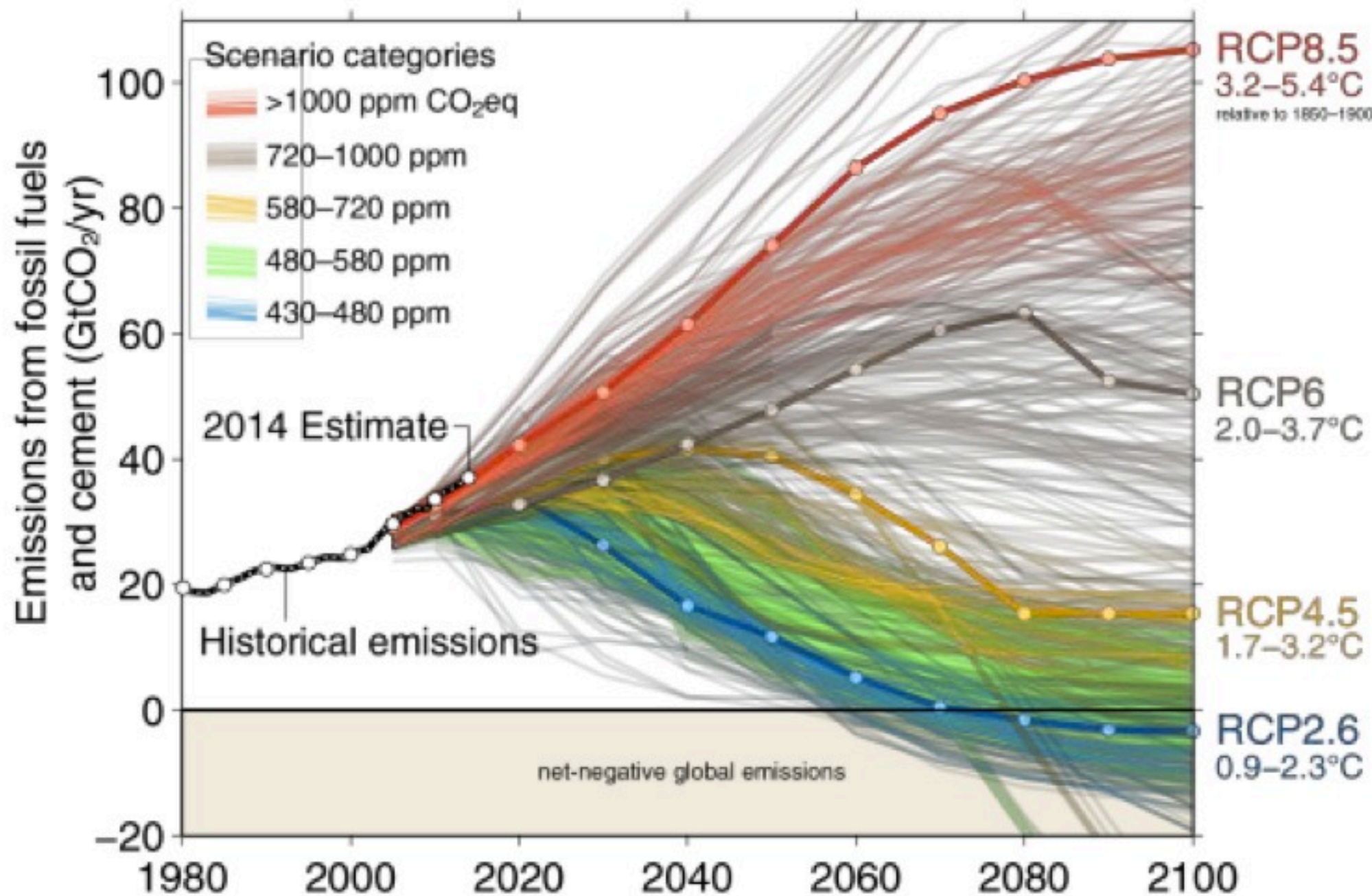


1.5°C, 2°C and tipping points in the Earth System



- 37 abrupt shifts in climate system identified in CMIP5 models
- Including biome changes, permafrost loss, ocean circulation changes, sea-ice snow and glacier loss
- Steep increase between 1.5°C and 2°C
- Tipping risks increase rapidly for West Antarctic and Greenland ice sheets

Negative emissions – what are we talking about?



Follow-up from the workshop

- Our positions are not in line with the PA - process to update them - lack of scenarios that we like
- Further work on different negative emission technologies (plus SRM)
- Zero targets for all sectors - we need urgently our own deadlines for coal, gas, oil...
- Energy efficiency
- Meat, transport



Thank you.