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Thematic Session
Climate Science

Keynote presentation by
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Warming of the climate system is unequivocal

Human influence on the climate system is clear.

Limiting climate change will require substantial and sustained reductions of greenhouse gas emissions.

www.climatechange2013.org
2°C world

(IPCC 2013, Fig. SPM.8)
Temperature Change 1986-2005 to 2081-2100 (°C)
The graph shows the trend of sea level rise over the past 100 years. The data indicates an increase of +19 cm and +63 cm, highlighting the significant rise in sea level that has occurred in recent decades.
Budget for the 2°C target: 790 bill t C

CO₂ emissions until 2013*: −535 bill t C

Remaining emissions: 255 bill t C

CO₂ emissions in 2013*: 9.9 bill t C

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* updated from IPCC 2013, WGI SPM
Today we have a choice.