



From IPCC WGIII AR5 to AR6

Priyadarshi R. Shukla, Co-Chairs WGIII

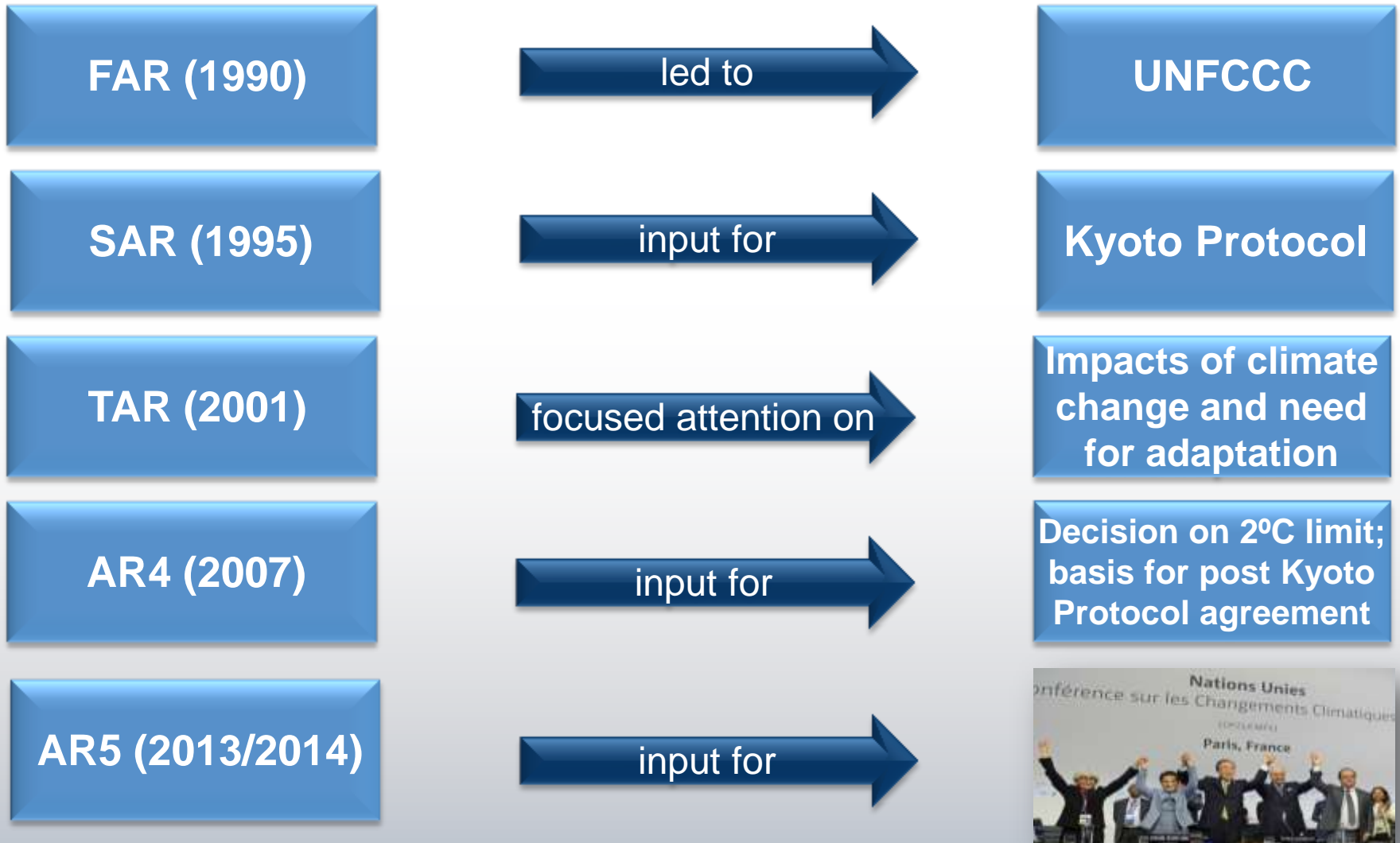
Outreach Event on IPCC Activities and Findings
Nay Pyi Taw, Myanmar, 30-31 May 2019

http://bit.ly/ipcc_outreach_myanmar

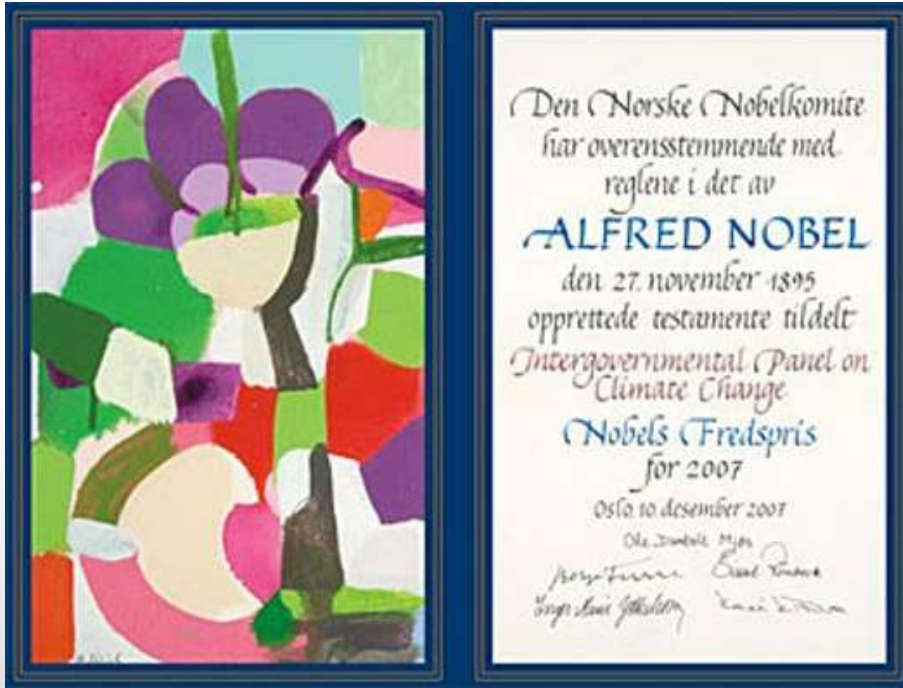
ipcc
INTERGOVERNMENTAL PANEL ON climate change



...IPCC has made an impact



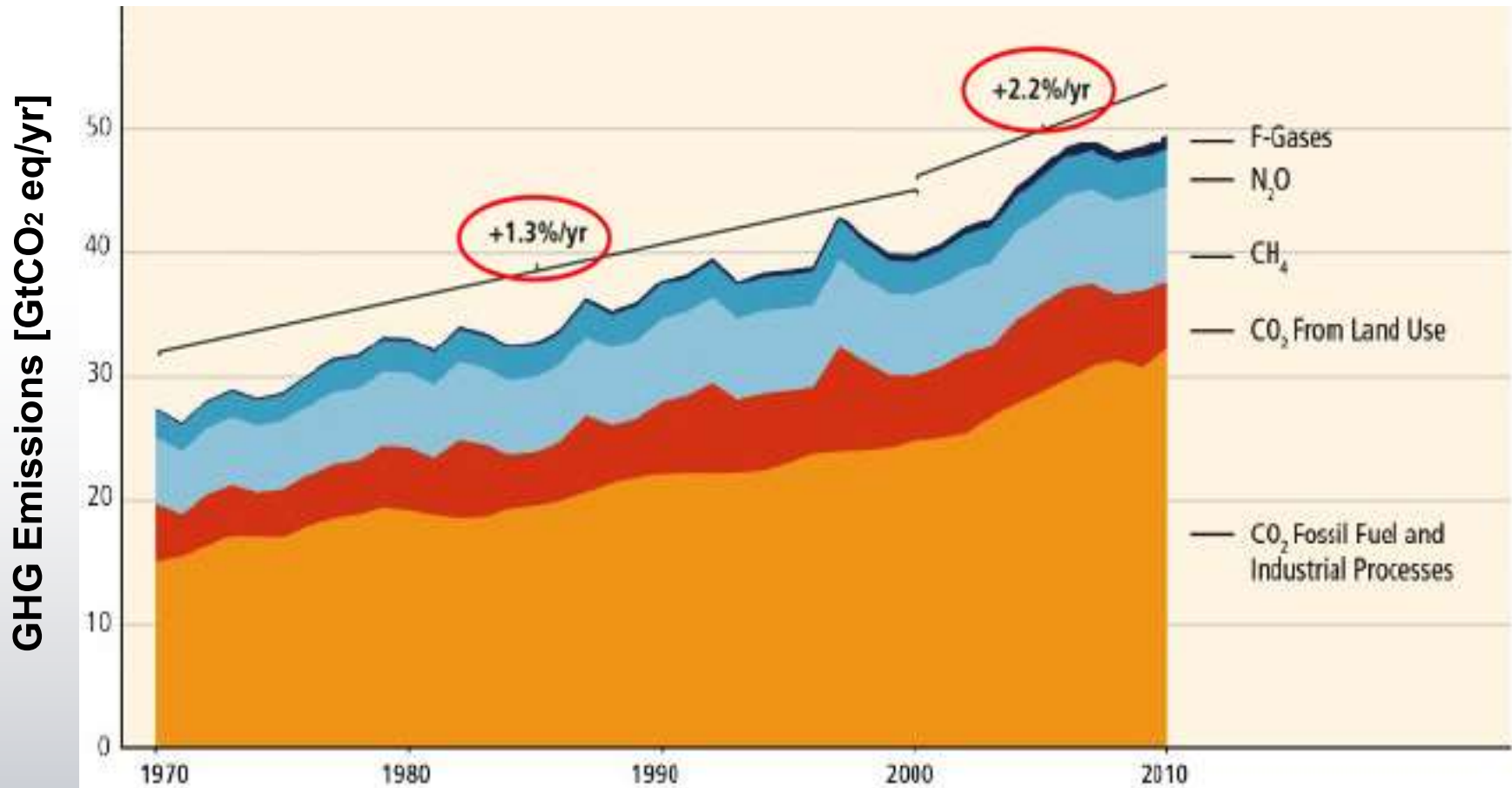
Achievements: 2007 Nobel Peace Prize



The Intergovernmental Panel on Climate Change and Albert Arnold (Al) Gore Jr. were awarded the Nobel Peace Prize

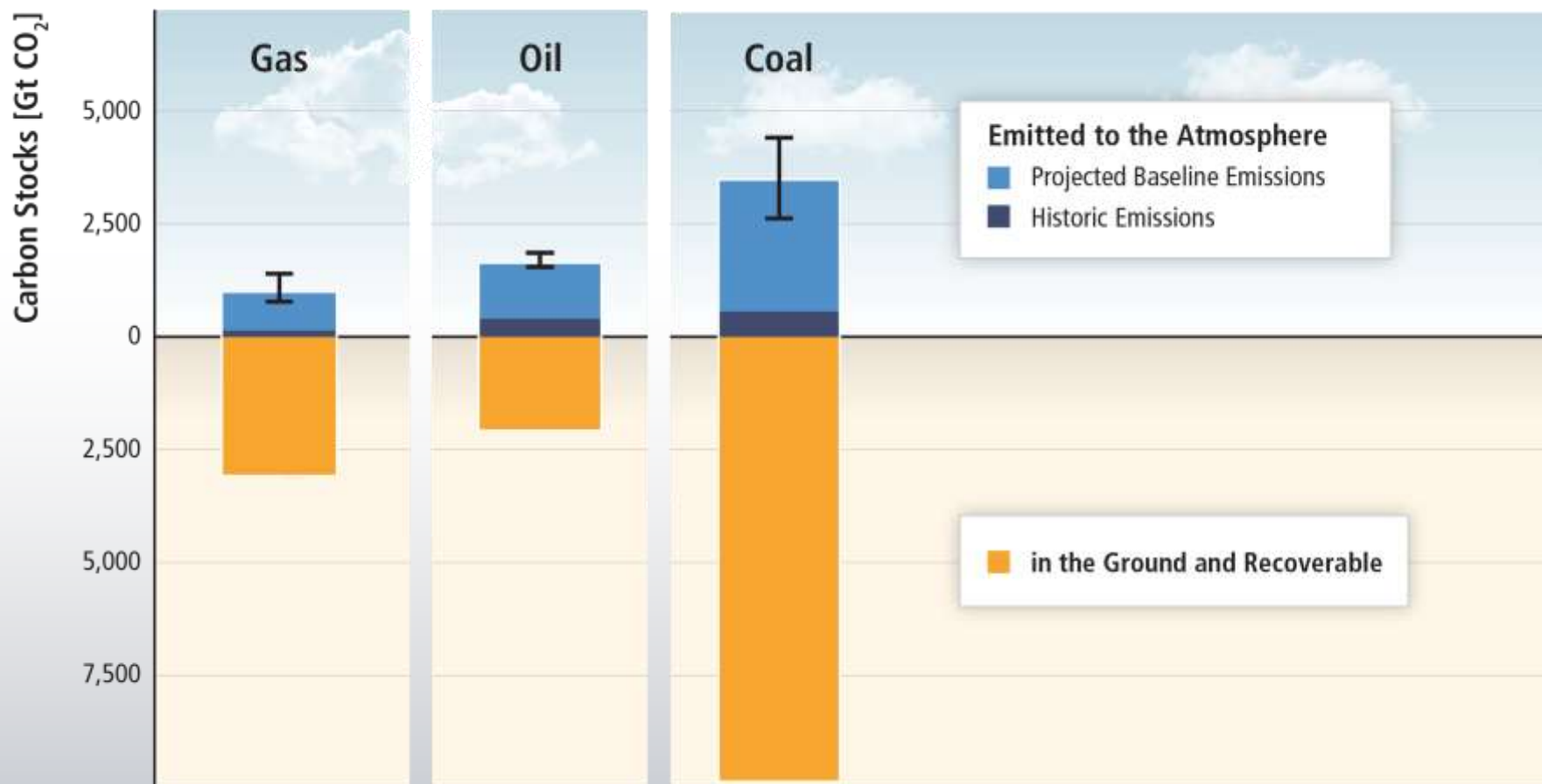
"for their efforts to build up and disseminate greater knowledge about man-made climate change, and to lay the foundations for the measures that are needed to counteract such change".

GHG emissions growth between 2000 and 2010 has been larger than in the previous three decades. (IPCC AR5)



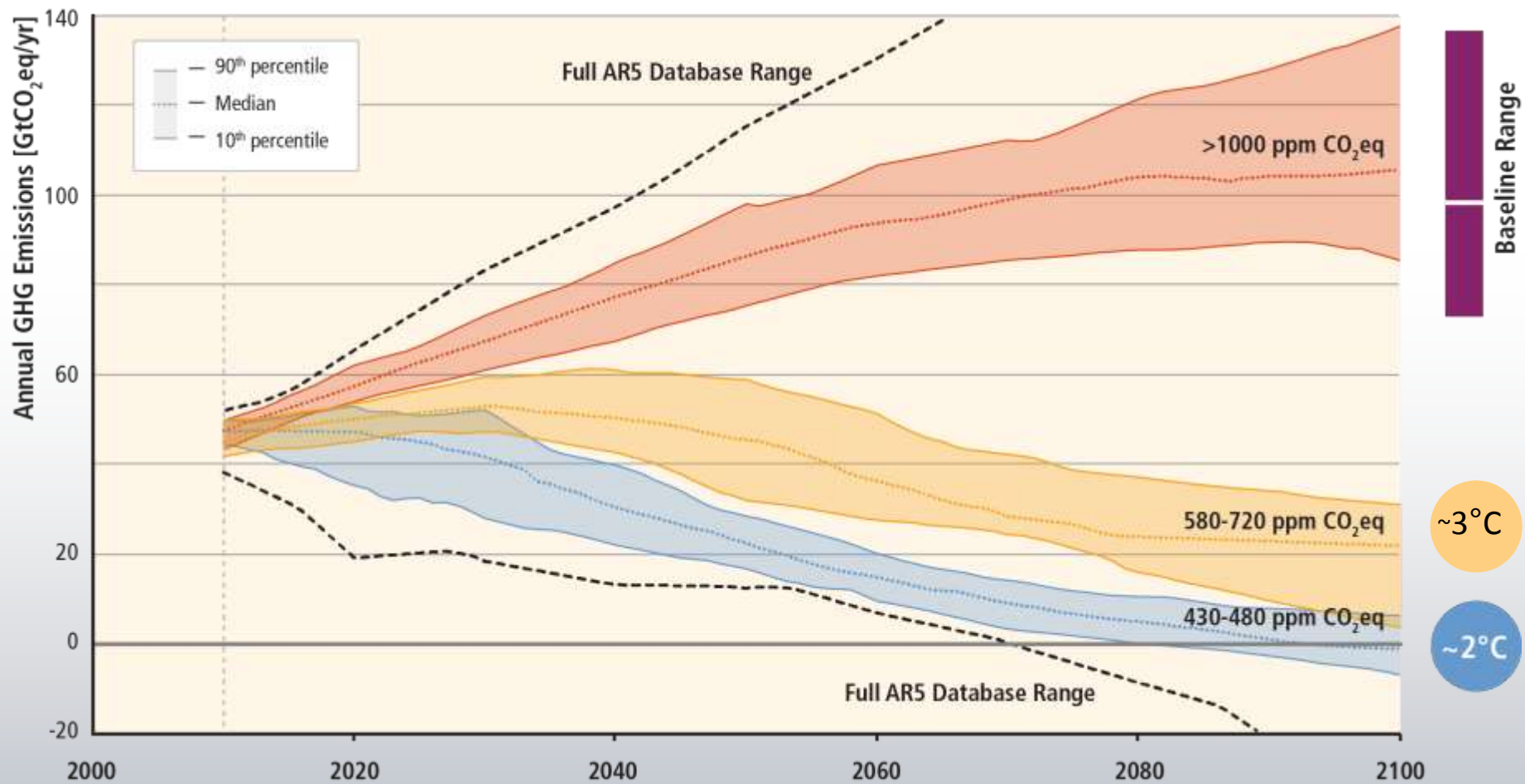
AR5 WGIII SPM

There is far more carbon in the ground than emitted in any baseline scenario.



Based on SRREN Figure 1.7

Stabilization of atmospheric concentrations requires moving away from the baseline – regardless of the mitigation goal.



Based on Figure 6.7

AR5 WGIII SPM

Mitigation Measures (IPCC AR5)



More efficient use of energy



Greater use of low-carbon and no-carbon energy

- Many of these technologies exist today



Improved carbon sinks

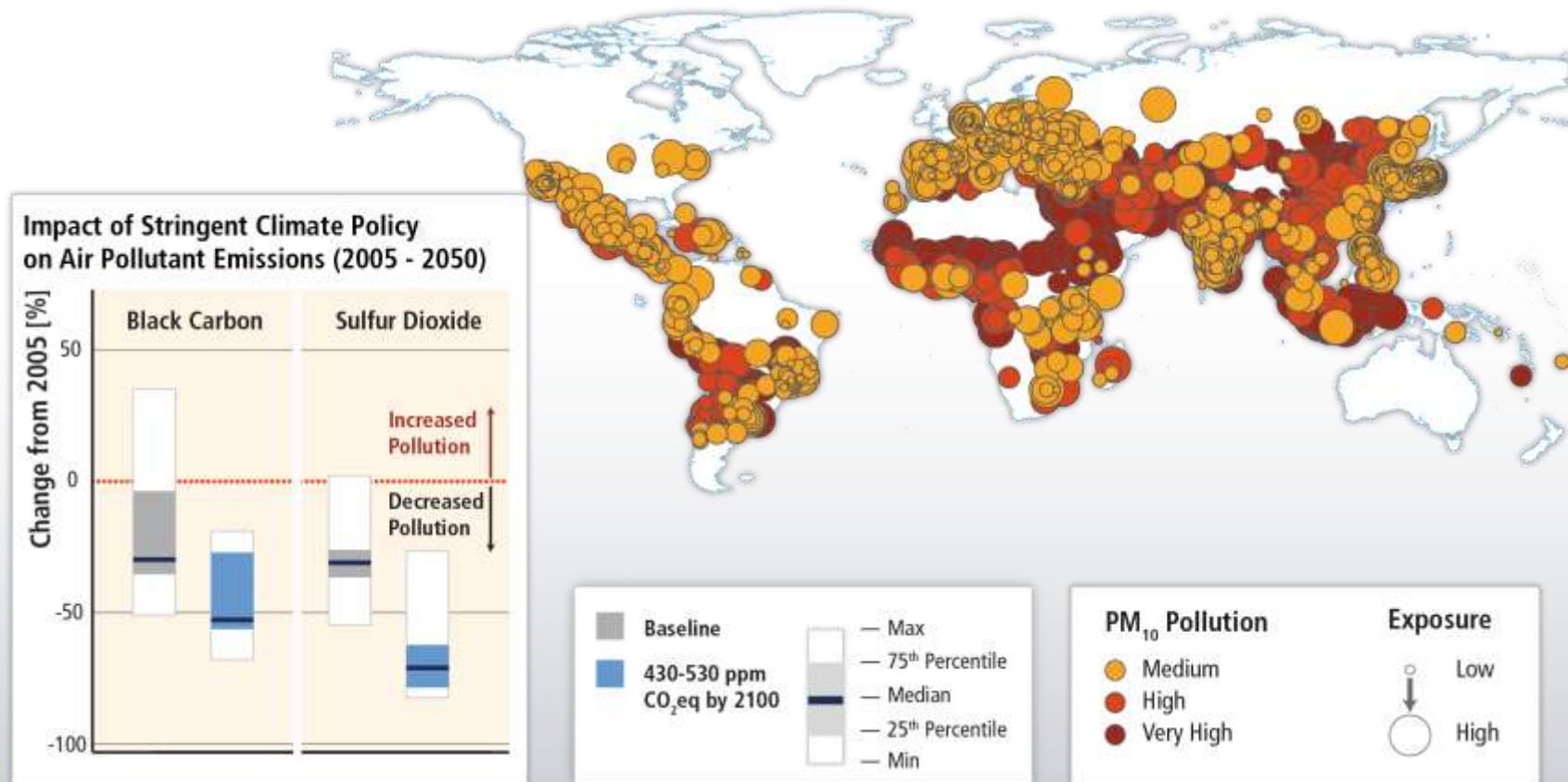
- Reduced deforestation and improved forest management and planting of new forests
- Bio-energy with carbon capture and storage



Lifestyle and behavioural changes

AR5 WGIII SPM

Climate change mitigation can bring co-benefits – health, energy security and other societal goals.



Based on Figures SPM.6 and 12.23

IPCC WGIII AR5: Conclusions

GHG emissions growth has accelerated despite reduction efforts.

Climate change mitigation **is possible for 2 °C target** and early action will make it easier

Ambitious mitigation involves transformation of the energy system.

Climate change mitigation can bring co-benefits

Climate Change and Sustainable Development Goals (SDGs)



Main Products during the AR6 cycle

1) The Special Reports

Special Report on Global Warming of
1.5°C (SR15)

Approved
October 2018



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



Special Report on Ocean and
Cryosphere (SROCC)



Approval
September 2019

Special Report on Climate
Change and Land (SRCCL)



Approval
August 2019

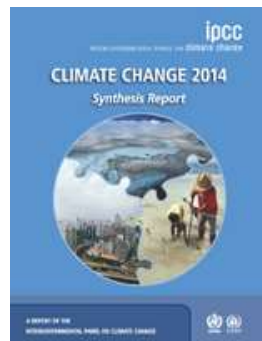
Main Products during the AR6 cycle



A screenshot of a methodology report table, likely from the IPCC Working Group II report. The table has multiple columns and rows, with a color-coded header row. The content is too small to read, but it appears to be a detailed table of methodologies and data.

2) A methodology report (inventories)

3) Three Working Group reports



4) A Synthesis Report

THANK YOU FOR YOUR ATTENTION!

For more information:

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