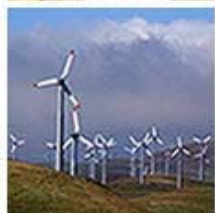




The Emissions Gap Report

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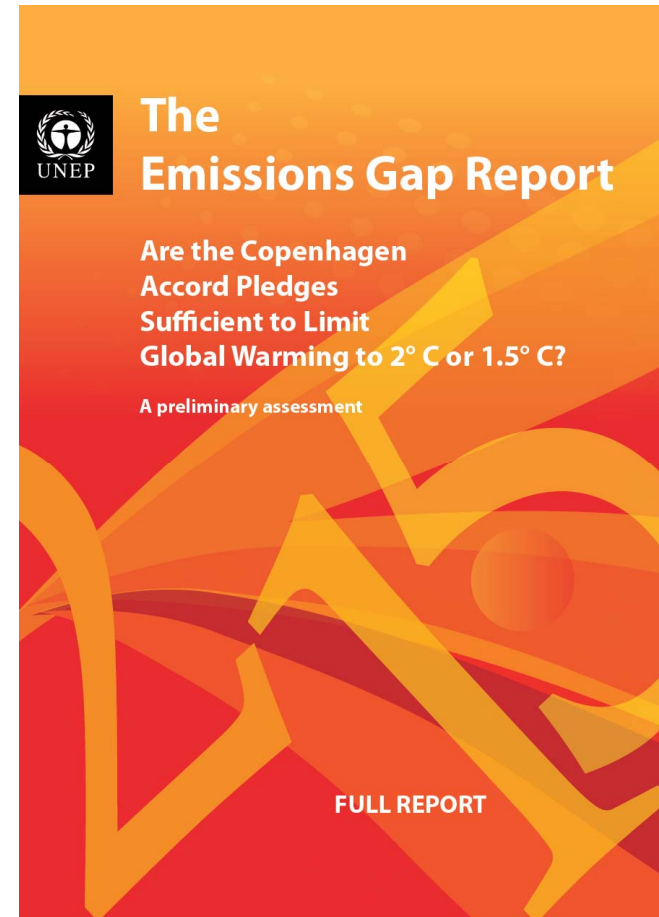




The Emissions Gap Report

**30 leading scientists and
research centres.**

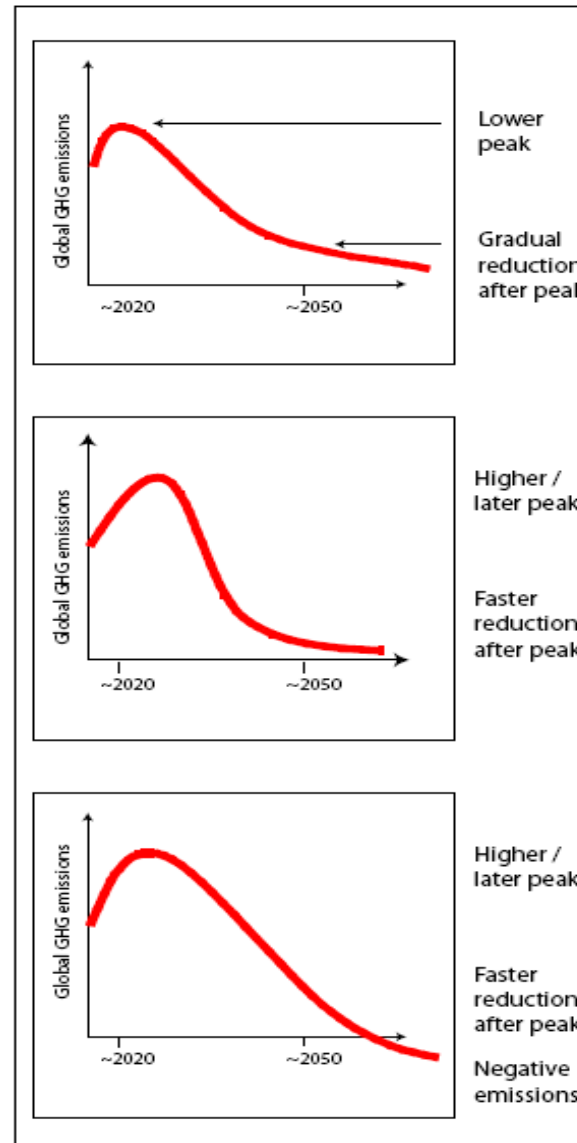
Convened by UNEP.



<http://www.unep.org/publications/ebooks/emissionsgapreport/>

What are we aiming for?

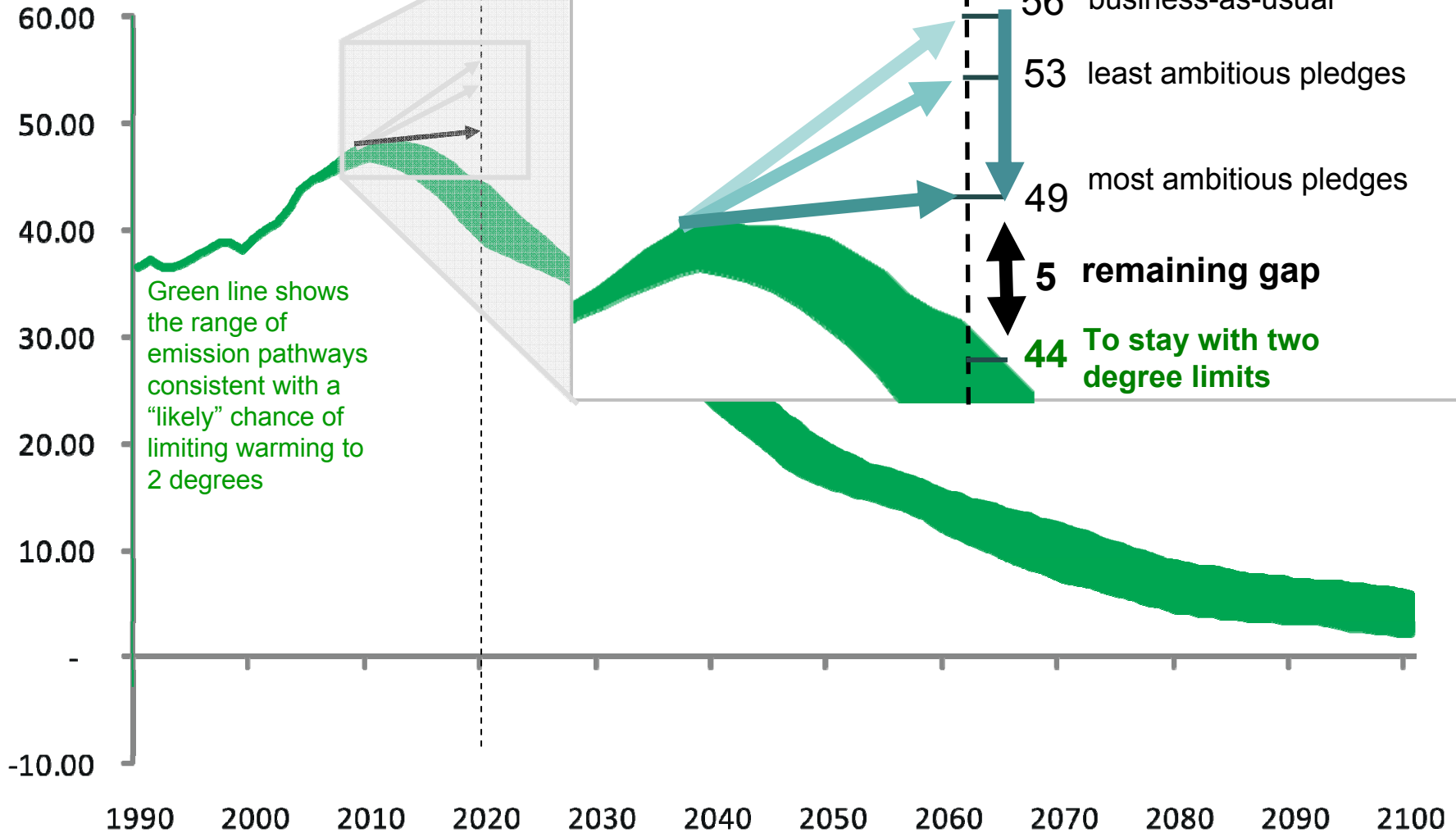
1. Meeting a temperature target depends largely on *cumulative* emissions
2. Different pathways correspond to same cumulative emissions





Where are we heading?

Global emissions, GtCO₂e

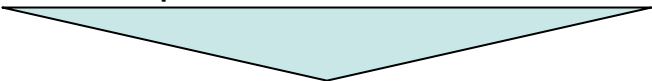


UNEP thanks Joeri Rogelj (ETHZ) and the European Climate Foundation for graphics

1 This is the median estimate of modelling groups, estimates range from 47-51 GtCO₂e (20th to 80th percentile)
Source: Adapted from The Emissions Gap report, UNEP, 2010



What does the gap consist of?

• Gap without action (business-as-usual)	12 GtCO ₂ e
• Move from business-as-usual to unconditional pledges (lower ambition)	- 3 GtCO ₂ e
• Moving from unconditional (lower ambition) pledges to conditional (higher ambition) <ul style="list-style-type: none">– Ambitious action from other countries– Provision of climate finance– Passing of domestic legislation	- 2 to -3 GtCO ₂ e
• Ensuring 'strict' rules surrounding: <ul style="list-style-type: none">– Land use/forest accounting– Surplus emissions units	- 1 to -2 GtCO ₂ e
	
→ Remaining gap of ~5 GtCO ₂ e	Total reduction approx. -7 GtCO ₂ e



Main Options for Reducing the Gap

- **Increase in ambition** of country targets from those with targets
- **National emissions outperforming targets** due to policies not reflected in national targets, international finance beyond that required to deliver the existing pledge
- Actions and policies **addressing gases/substances not reflected in national targets**, e.g. black carbon, HCFCs, HFCs (but as complementary to action on CO₂)
- **Mitigation in sectors not covered by national targets** –e.g. international aviation and maritime



Bridging the Gap

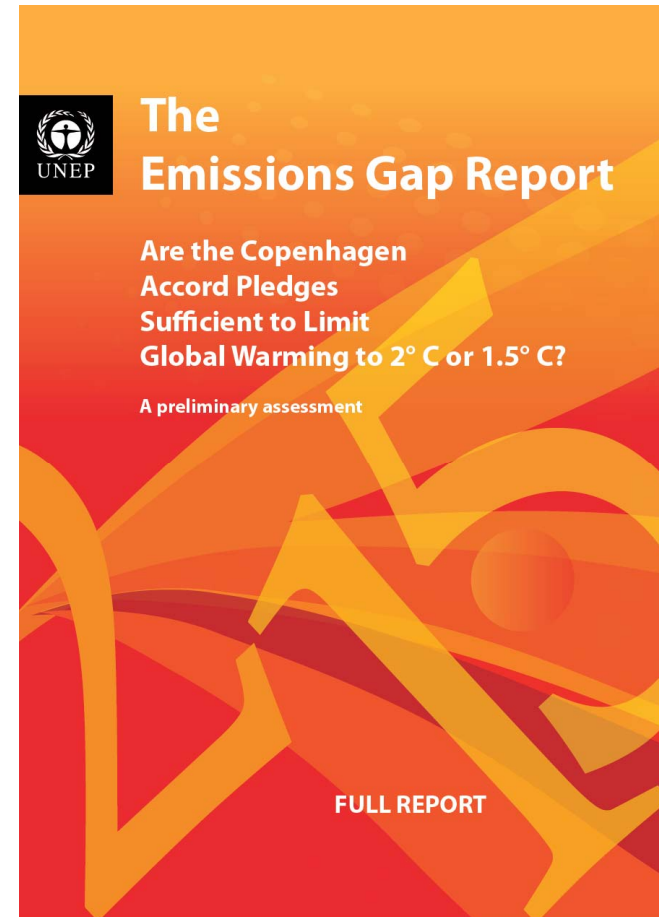
- THE EMISSIONS GAP - AN UPDATE**
- BRIDGING THE GAP - WHAT THE MODELS SAY**
- BRIDGING THE GAP - PROMISING OPTIONS FOR REDUCING INTERNATIONAL EMISSIONS**
- BRIDGING THE GAP - PROMISING NATIONAL POLICY OPTIONS**



Thank you

**For further information
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