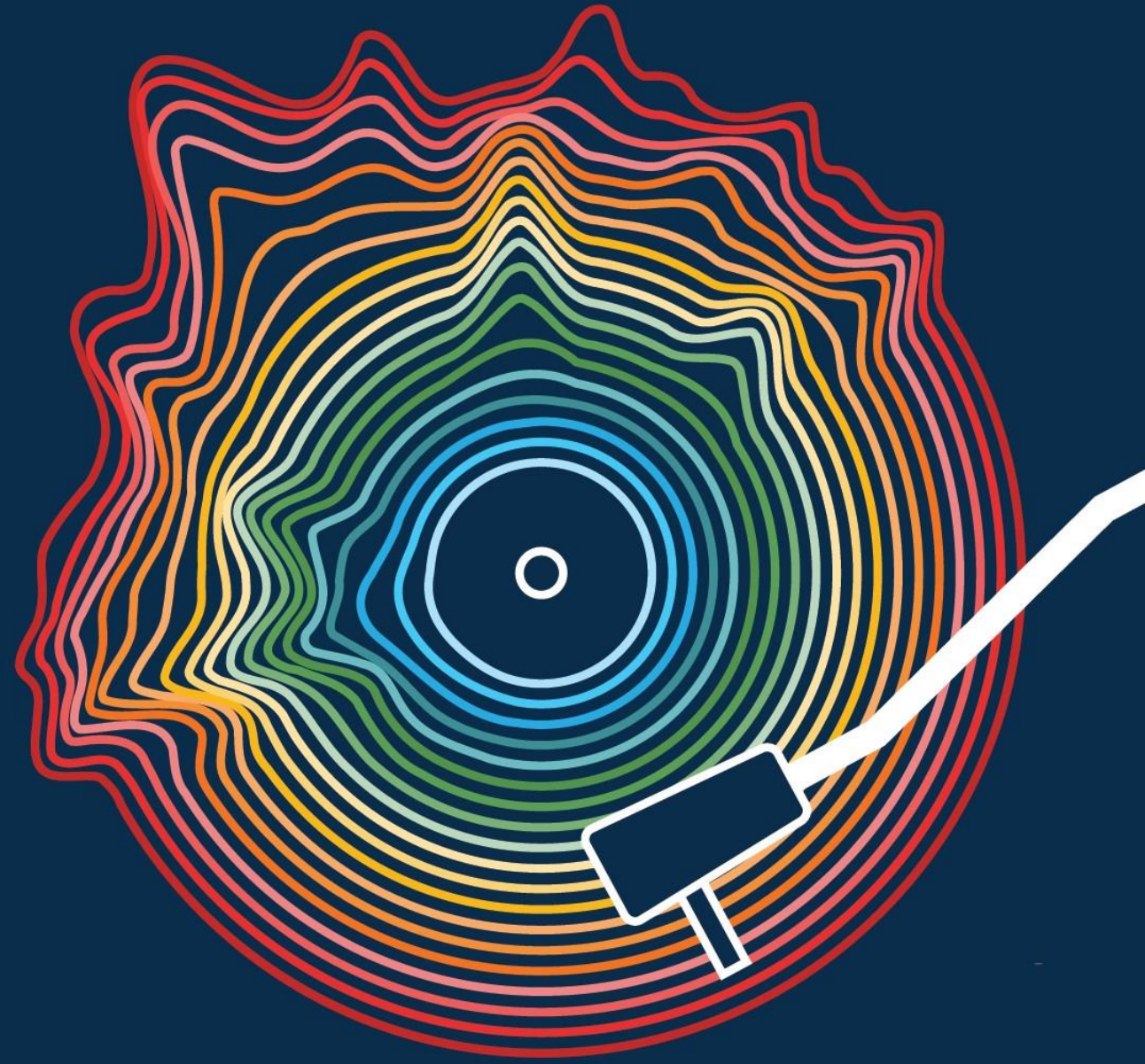


Emissions Gap Report 2023

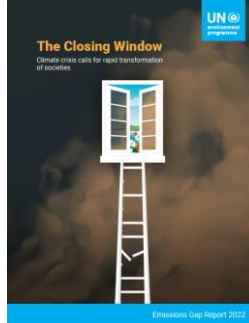
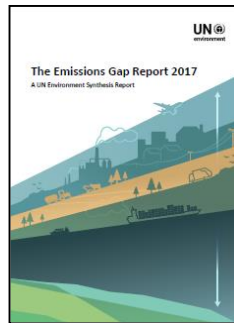
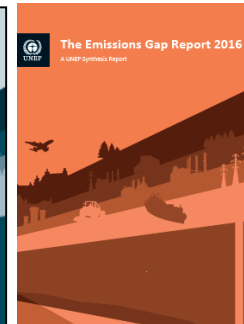
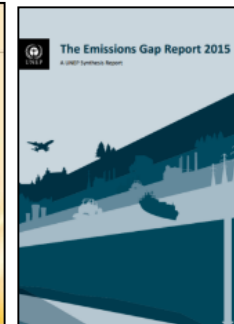
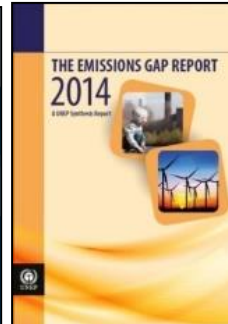
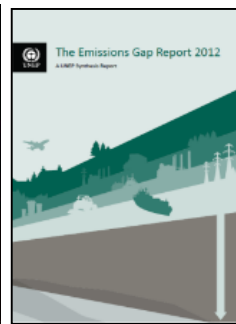
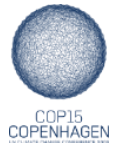
Broken Record

Temperatures hit new highs, yet world fails to cut emissions (again)

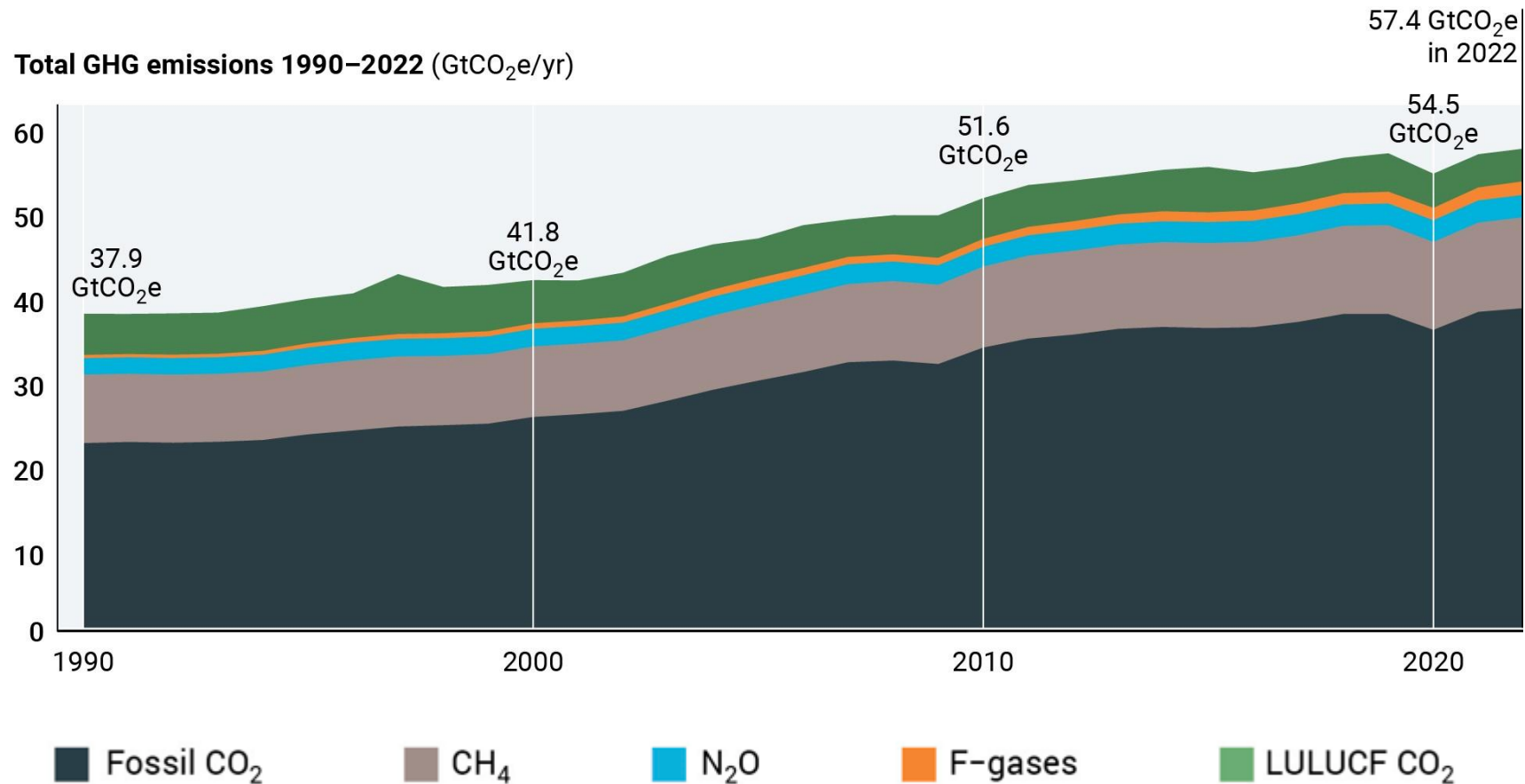


Emissions Gap Reports

Annual science-based assessment reports since 2010



Total global greenhouse gas emissions set new record in 2022



- Global GHG emissions increased by 1.2% from 2021 to 2022
- All sectors apart from transport have fully rebounded from the COVID-19 induced drop in emissions and now exceed 2019 levels
- Emissions of methane, nitrous oxide and fluorinated gases increase rapidly

Negligible progress on nationally determined contributions since COP27

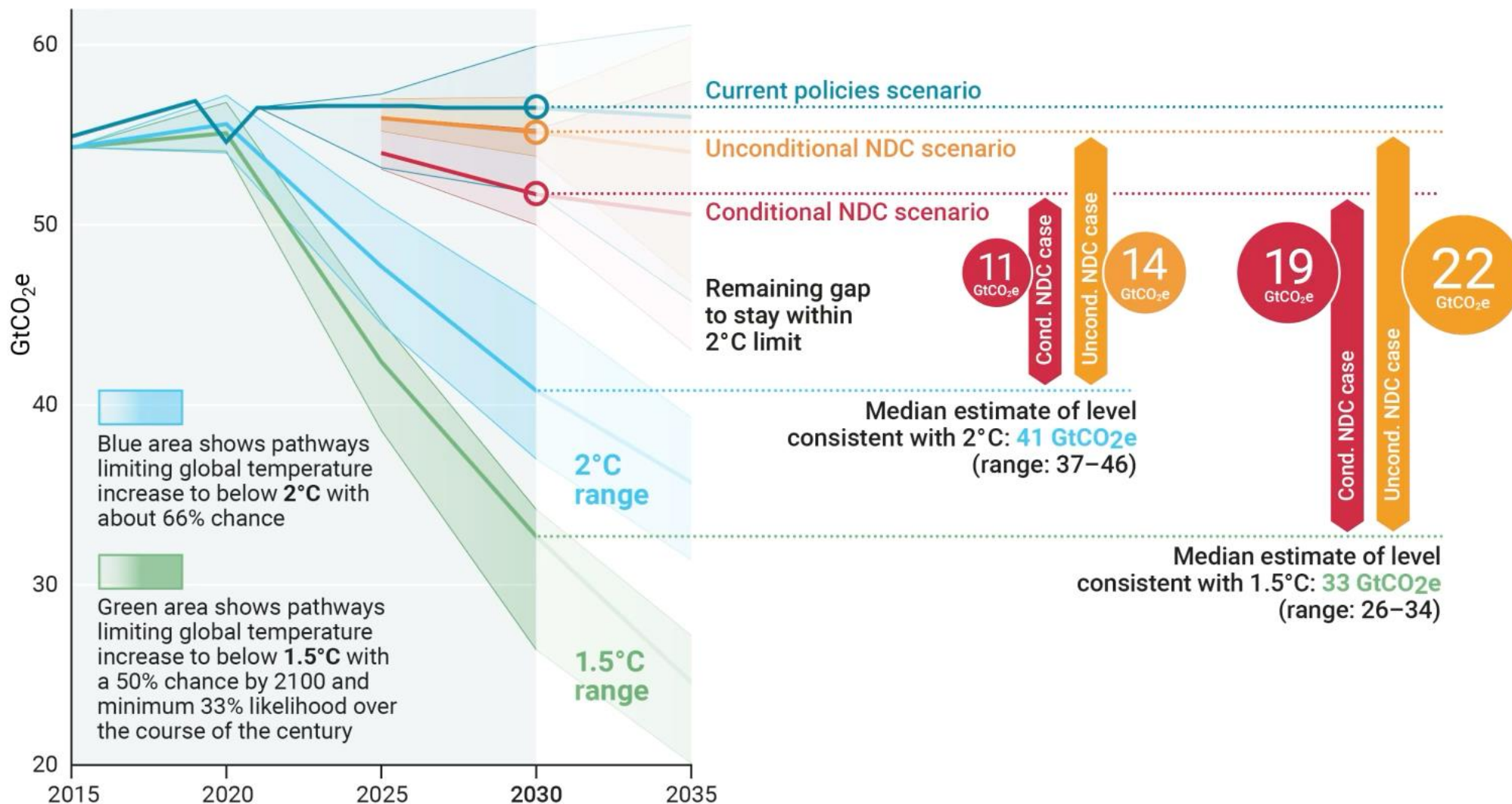
- Despite the call for countries to revisit and strengthen their 2030 targets, only 9 countries had submitted new or updated NDCs by 25 September 2023
- If fully implemented, they are expected to reduce global emissions by about 0.1 GtCO₂e annually by 2030

...but some progress since the Paris Agreement

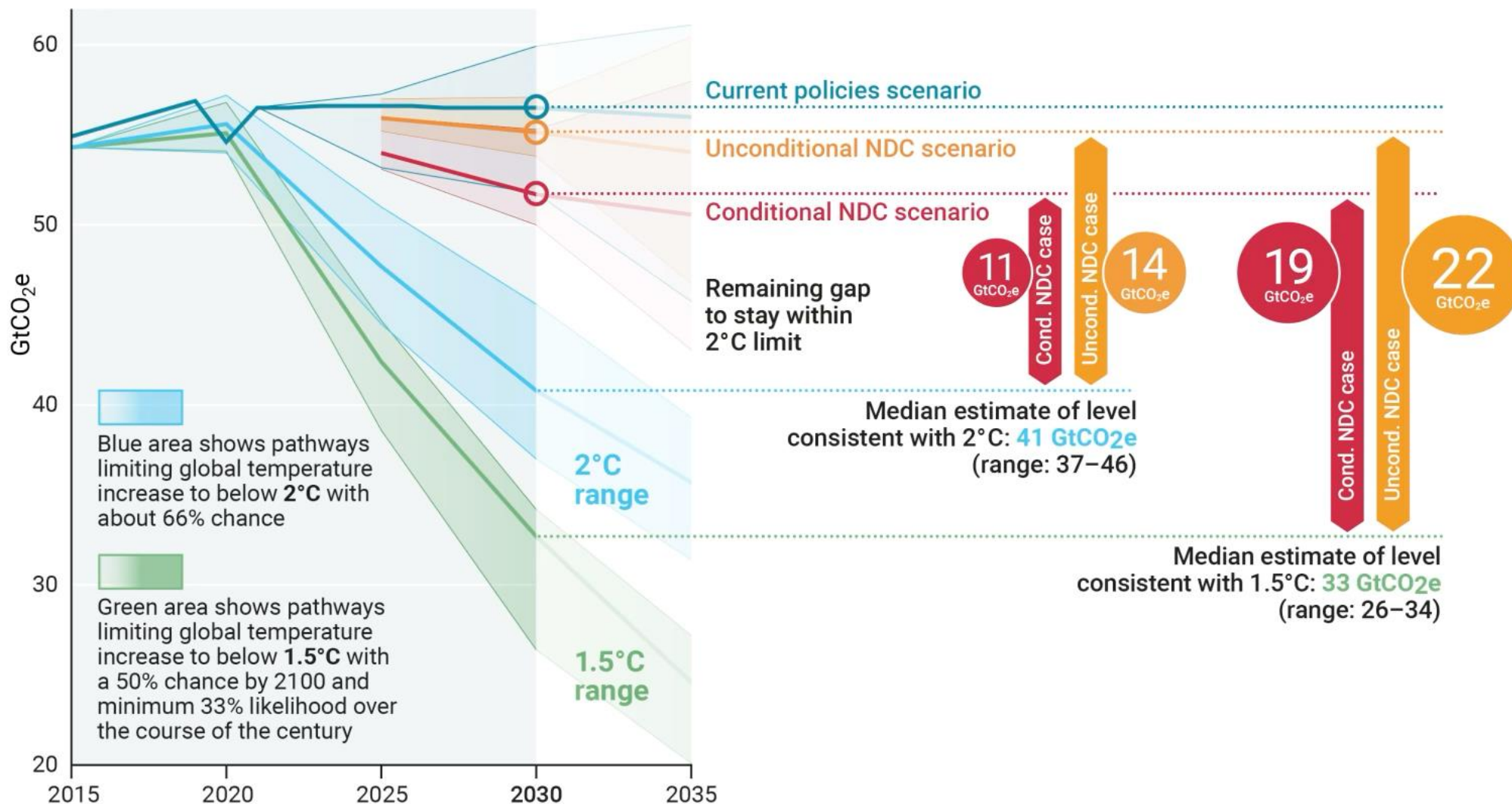
- Collectively and if fully implemented, all new and updated unconditional NDCs result in an annual reduction of global GHG emissions of about 5 GtCO₂e by 2030 relative to the initial NDCs
- More NDCs include GHG emissions targets, greater coverage of sectors and gases, more include unconditional elements



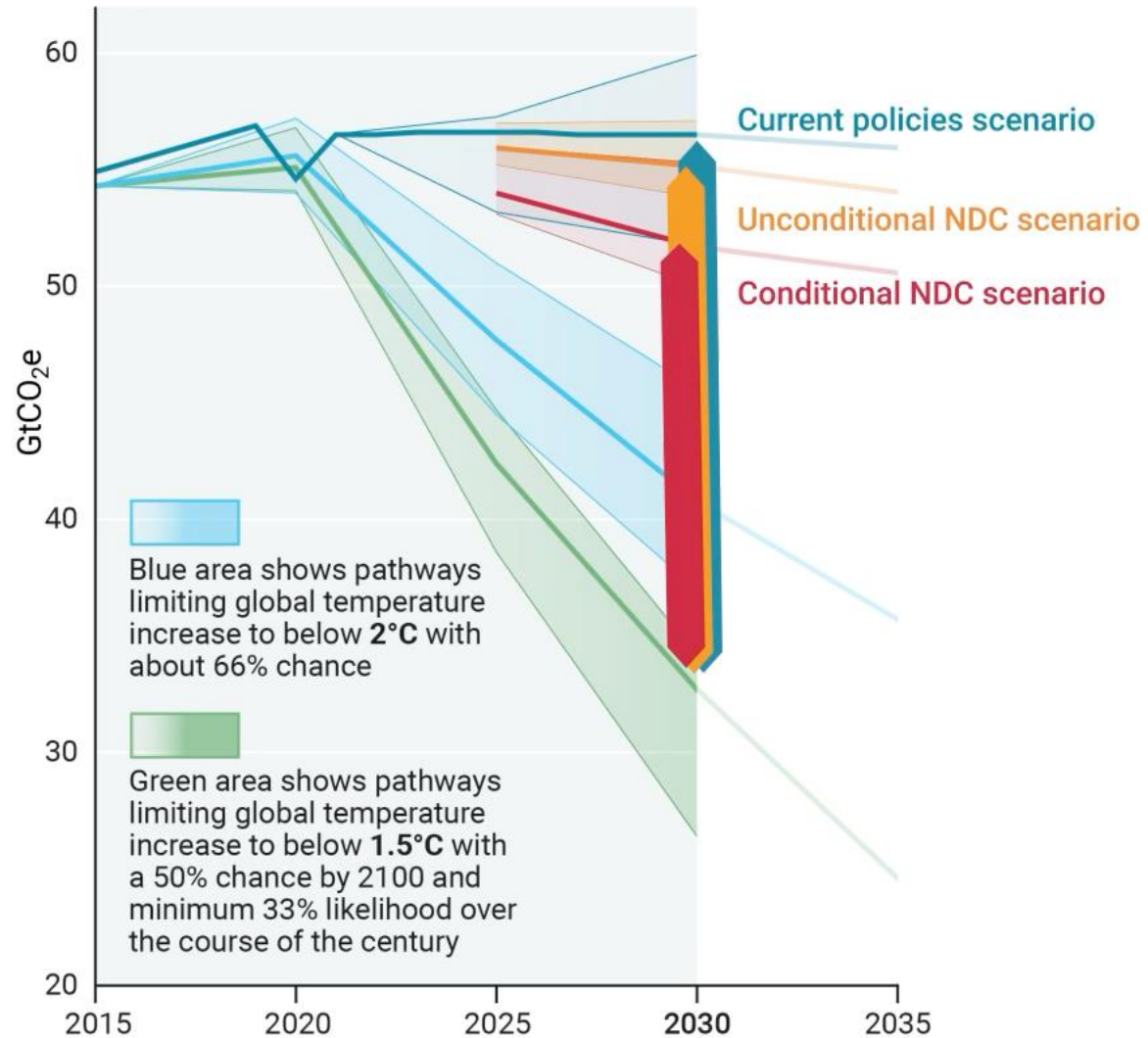
The emissions gap in 2030 remains high



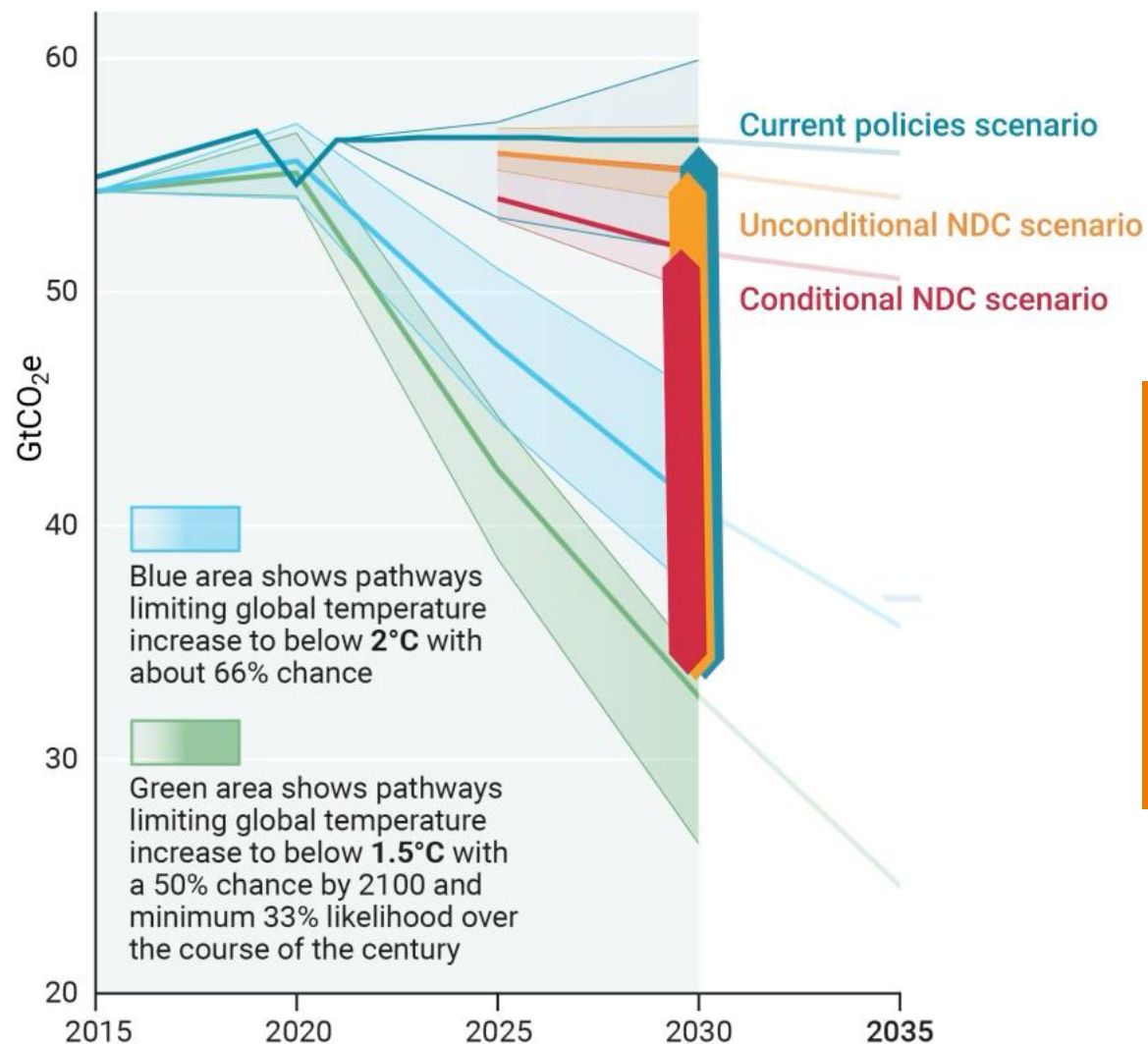
The emissions gap in 2030 remains high



The emissions gap in 2030 remains high



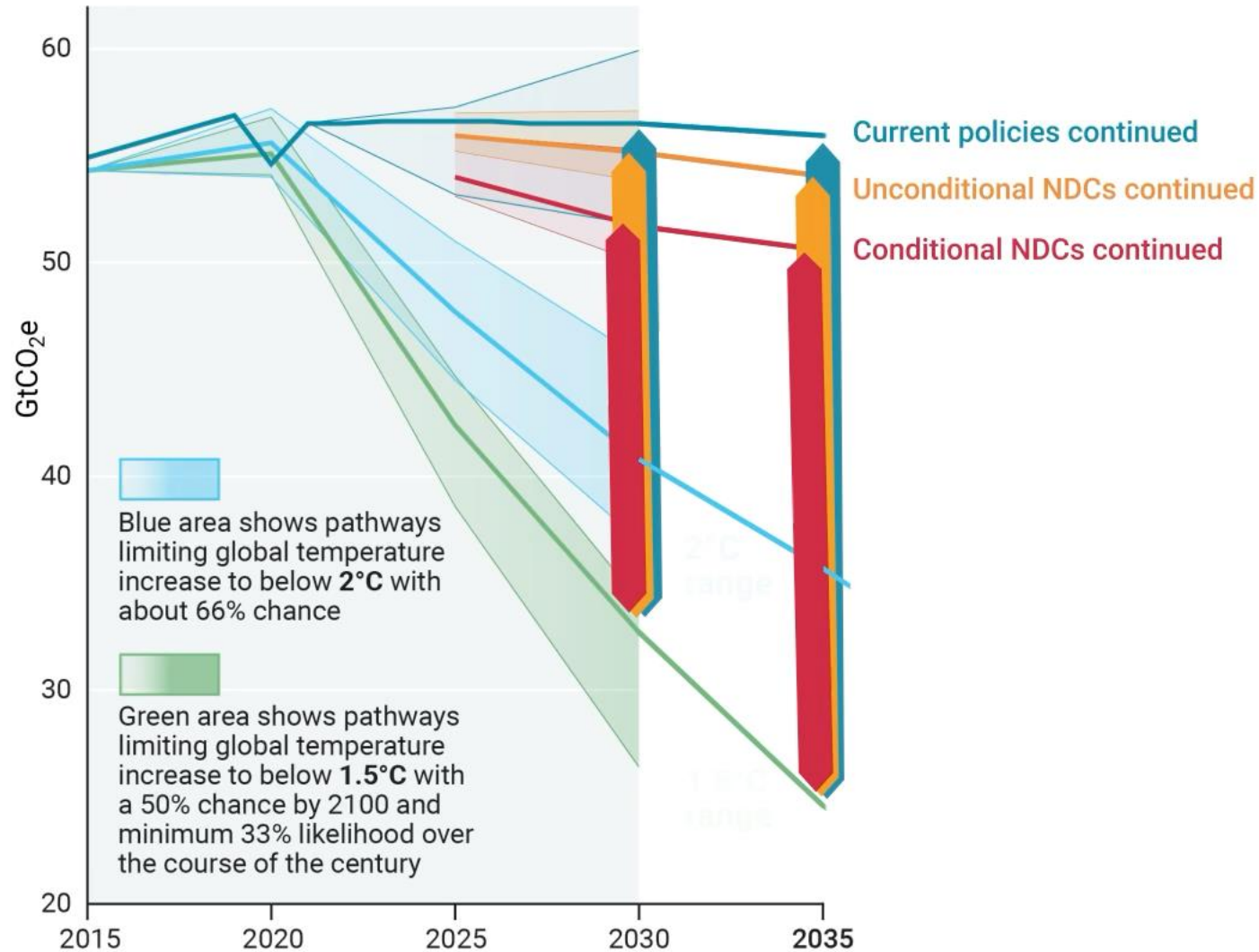
The emissions gap in 2035 will deepen without strengthened action and ambition



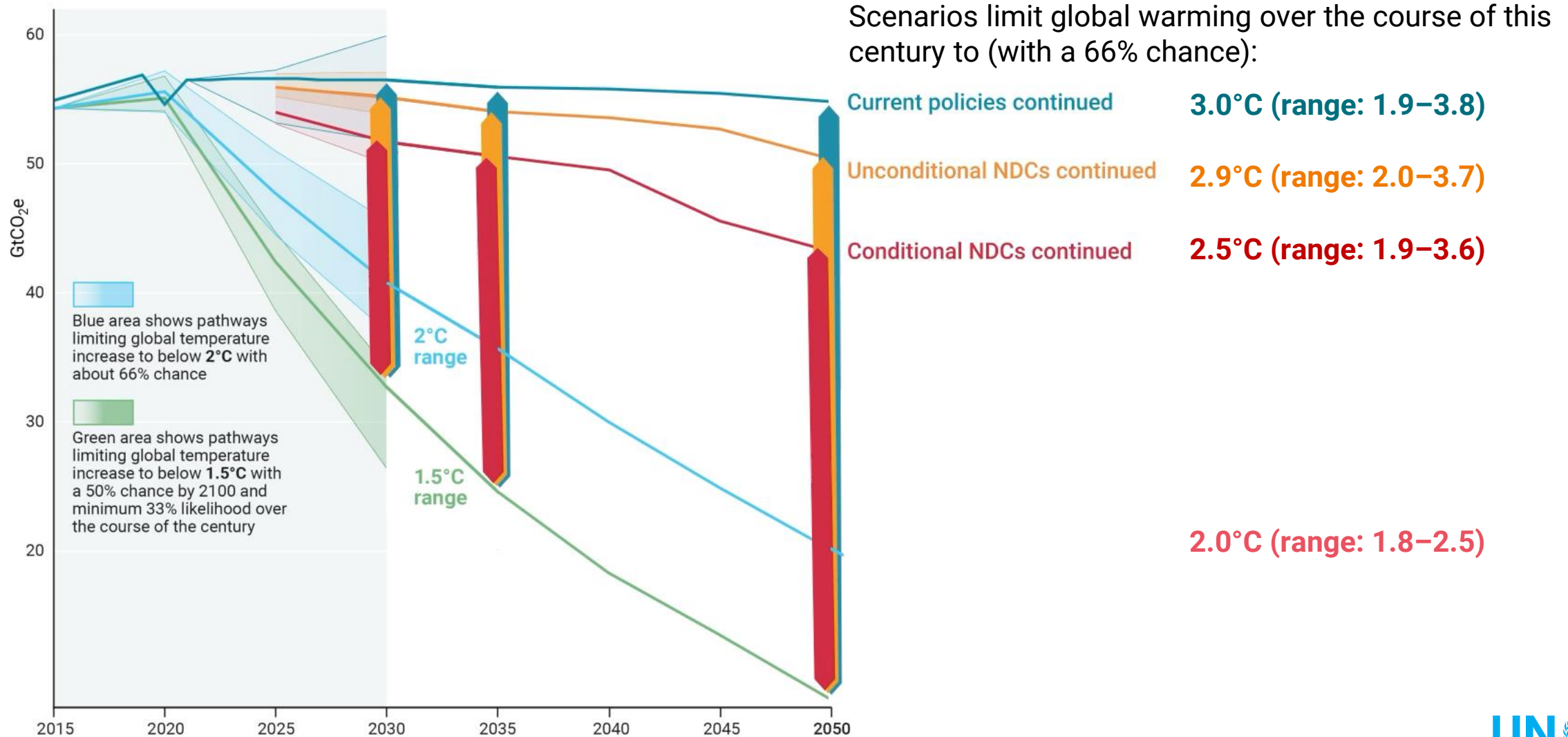
Global ambition in the next round of NDCs:

Collectively, 2035 targets must cut 18 GtCO₂e off current unconditional pledges for a 2°C goal, and 29 GtCO₂e for the 1.5°C goal

The emissions gap – becoming unbridgeable over time



Global warming projections exceed the Paris Agreement goal by far



Relentlessly strengthening implementation in this decade is critical



Stronger implementation action needed to:

- Narrow the emissions gap in 2030
- Facilitate significantly more ambitious targets for 2035 in the next round of NDCs
- Help pave the way for enhancing the credibility and feasibility of the net-zero pledges that by now cover around 80 per cent of global emissions

Global GHG emissions in 2030 at levels implied by current NDCs will make it impossible to limit warming to 1.5°C with no or limited overshoot and strongly increase the challenge of limiting warming to 2°C.

Thank you

on behalf of the 79 authors, the
15 steering committee members
and the production team of the report

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Links to other useful resources

- [Technical dialogue of the first global stocktake. Synthesis report by the co-facilitators on the technical dialogue](#)
- [Nationally determined contributions under the Paris Agreement. Synthesis report by the secretariat](#)
- [Net Zero Roadmap: A Global Pathway to Keep the 1.5 °C Goal in Reach. 2023 Update](#)
- [State of Climate Action 2023](#)
- [Climate Action Tracker](#)