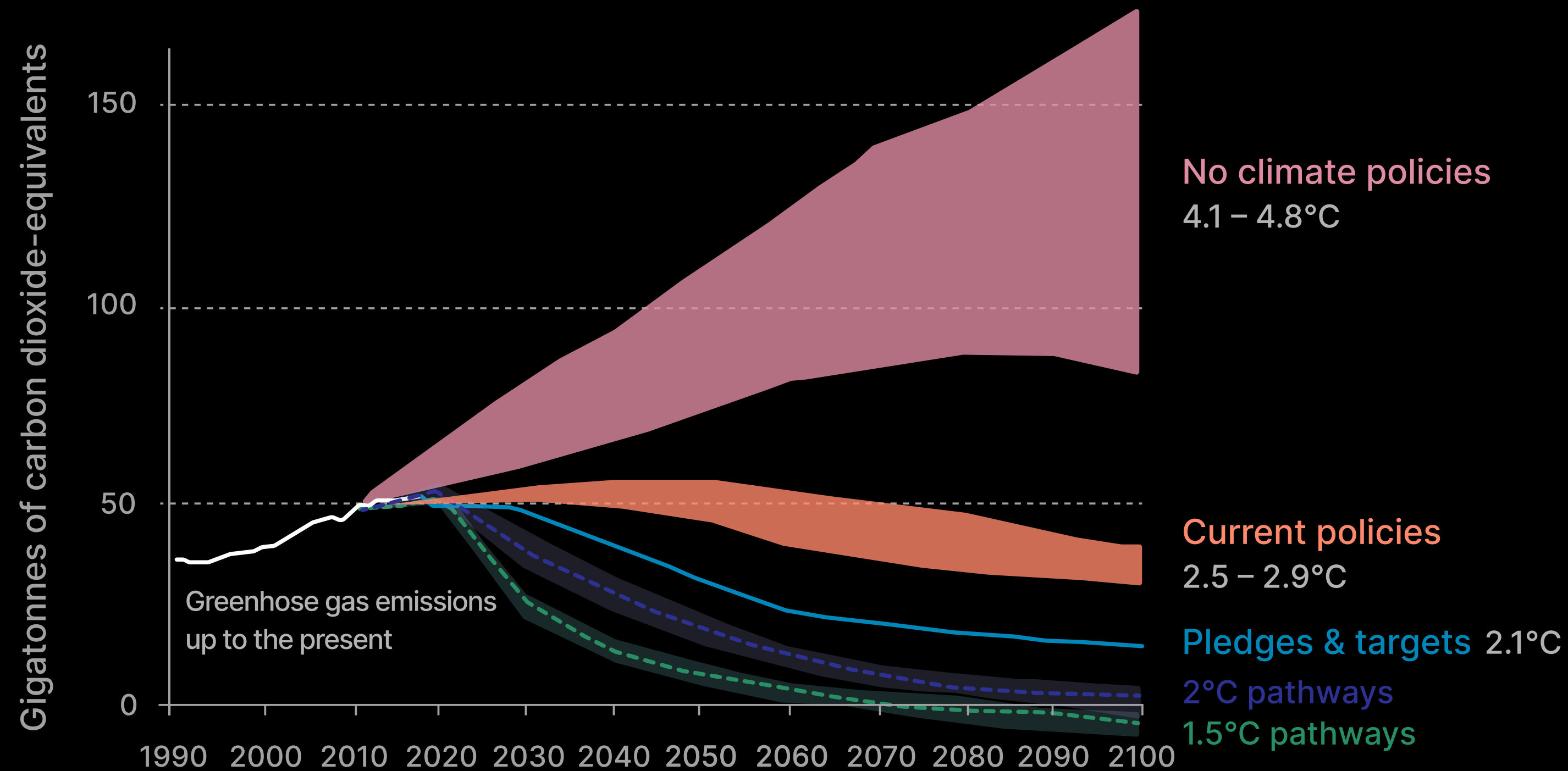


## Global greenhouse gas emissions and warming scenarios



Data: [OurWorldinData.org](https://ourworldindata.org)

## GHG Emission Policy Scenarios

Projected GHG emissions in gigatonnes of CO<sub>2</sub>-equivalents for 5 global policy scenarios from 2022 to 2100. Impacts of the following policy scenarios on global temperature-increases above pre-industrial levels are shown:

- No change in global climate policies since 2010
- Continuation of 2022 global climate policies
- Achievement of current policy pledges for all countries
- Policies to limit warming to 2°C by 2100
- Policies to limit warming to 1.5°C by 2100

Uncertainties in projections for each scenario are indicated by their width.

Current policies are projected to reduce global GHG emissions to 2.5 – 2.9° by 2100, but fall short of the 1.5° or 2° required to comply with the Paris Agreement, which was adopted by 196 countries at the UN Climate Change Conference on 12 December 2015. Achievement of the 2022 pledges of all countries to reduce GHG emissions is projected to achieve 2.1° C by 2100.



[nocarbonfuel.org](https://nocarbonfuel.org)