

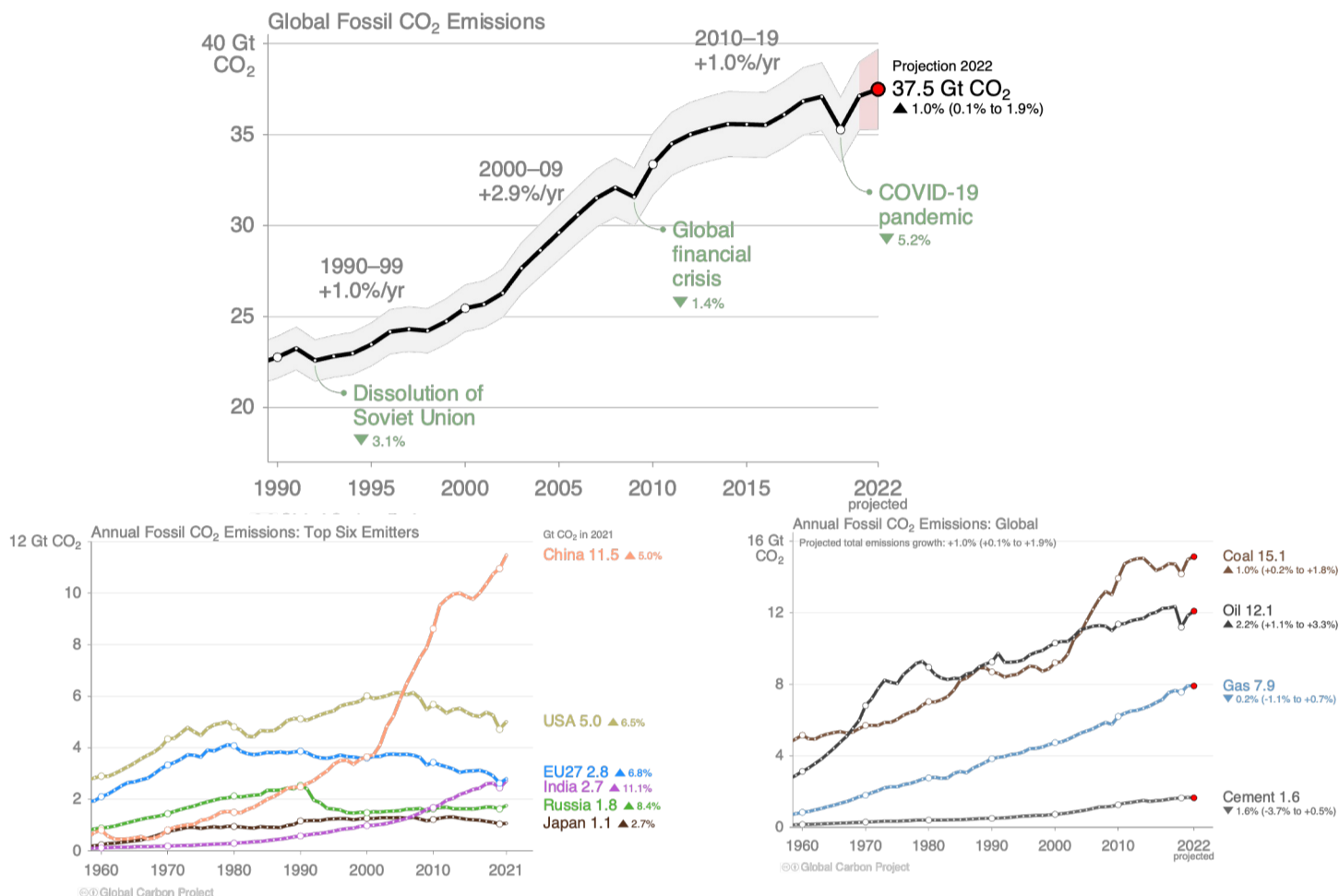
Global Carbon Budget 2022

The numbers that tell the truth about climate action
Global carbon emissions in 2022 remain at record levels



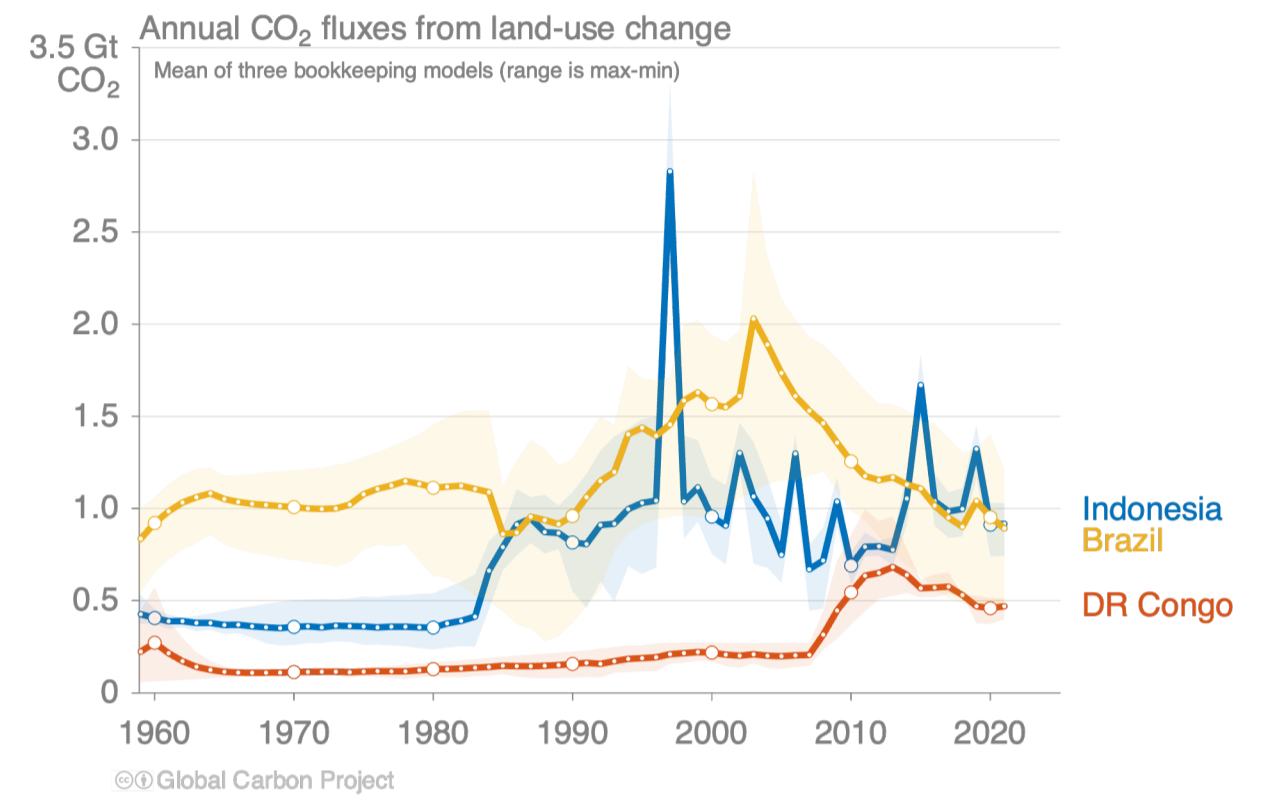
Global fossil CO₂ emissions

2020 emissions: declined 5.4% from 2019 levels to due COVID-19 measures.
2021 emissions: rebounded 5.1% from 2020 levels.
Emissions projected to rise again by 1.0% in 2022 – slightly above the pre-COVID-19 levels.



Global CO₂ emissions from land-use changes

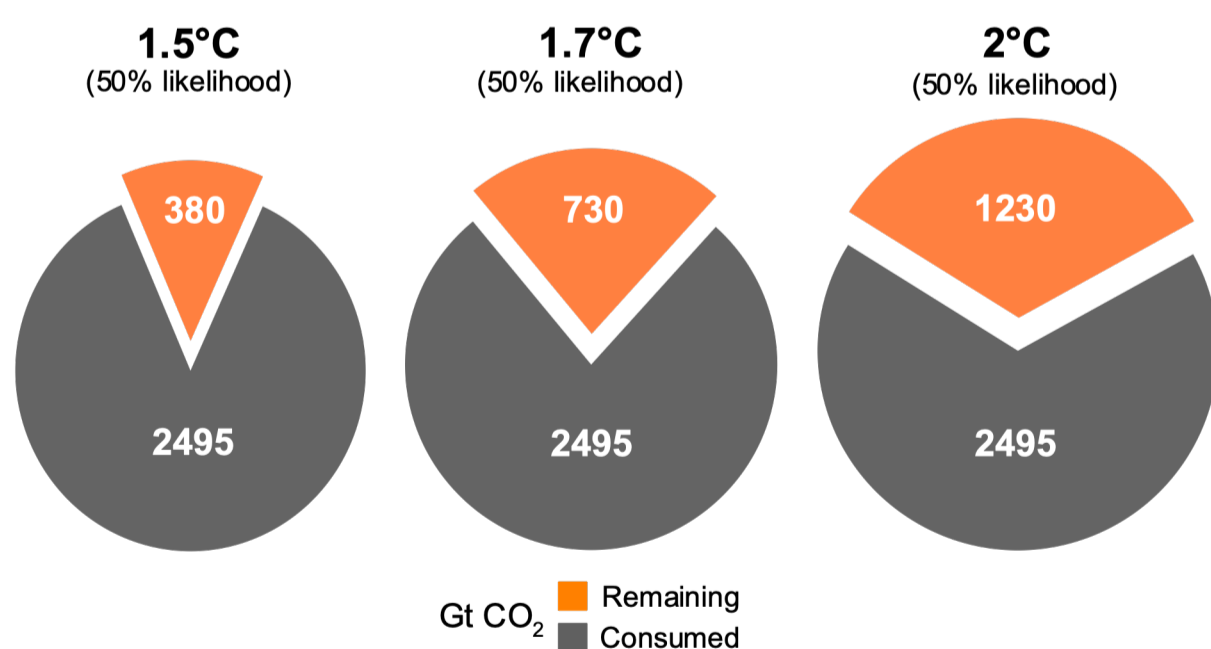
Indonesia, Brazil and the Democratic Republic of the Congo contribute 58% of global land-use change emissions.



Stopping deforestation and increasing efforts to restore and expand forests presents a large opportunity to reduce emissions and increase removals in forests.

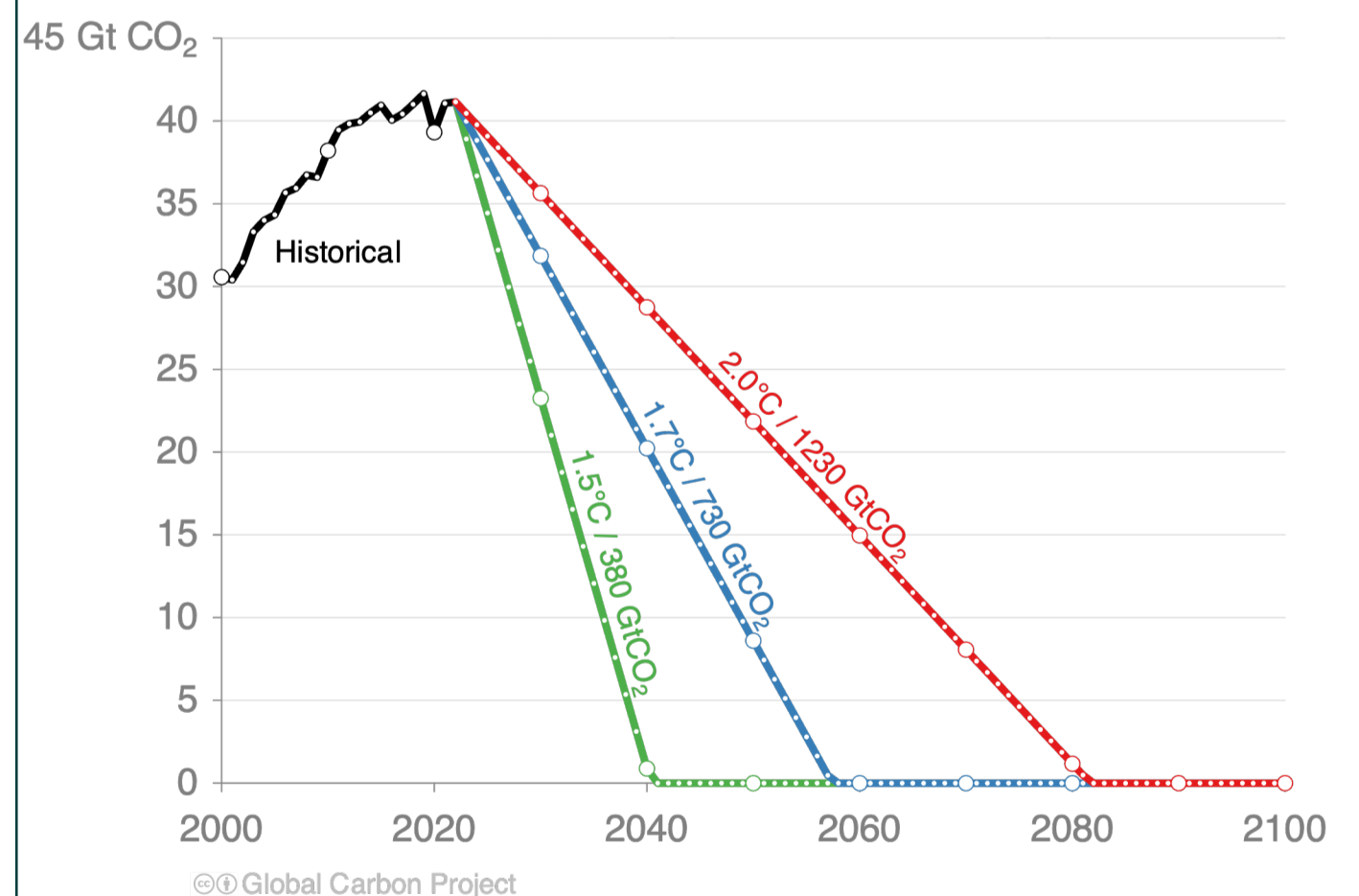
There is a limited cumulative CO₂ emission budget for any given climate target.

If current emissions levels persist, there is now a 50% chance that global warming of 1.5°C will be exceeded in nine years.



Global CO₂ emissions must reach zero to limit global warming.

World leaders must take meaningful action if we are to have any chance of limiting global warming close to 1.5°C.



Every un-emitted gigatonne CO₂ matters. Every avoided tenth of degree of warming matters

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GLOBAL CARBON project

