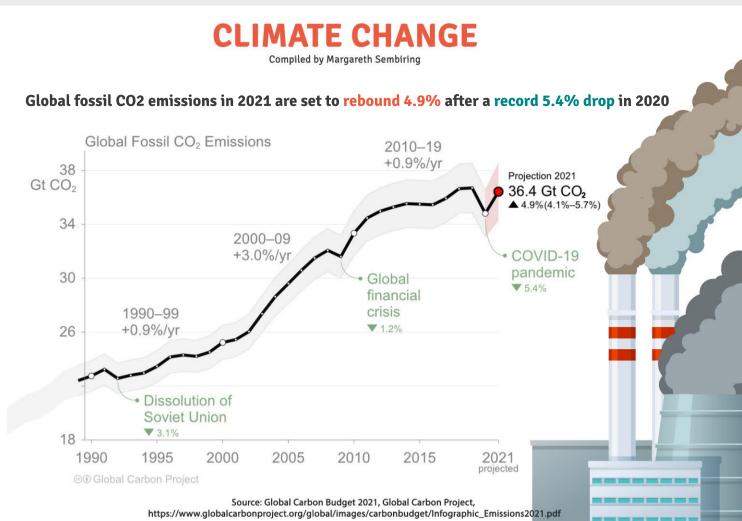


NTS FAST FACTS

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March 2022



Evidence of Climate Change Already Underway

Atmospheric Concentrations of CO2 unmatched for at least 2 million years

Glacial retreat unprecedented in the last 2,000+ years

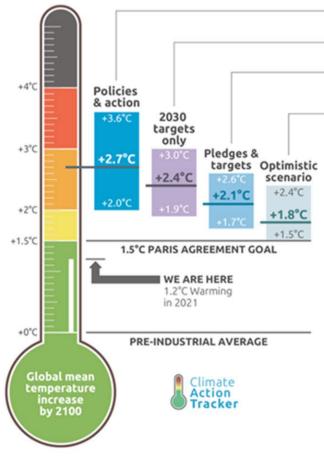
Last decade warmer than any period for ~125,000 years

Late Summer Arctic ice coverage smaller than anytime in last 1,000 years

Data source from: IPCC. 2021. Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Edited by V. Masson Delmotte, P. Zhai, A. Pirani, S.L. Connors, C. Péan, S. Berger, N. Caud, et al. Cambridge: Cambridge University Press



Projections of Global Temperature Increase by 2100



Policies & action Real world action based on current policies

2030 targets only

Full implementation of 2030 NDC targets*

Pledges & targets

Full implementation of submitted and binding long-term targets and 2030 NDC targets*

Optimistic scenario

Best case scenario and assumes full implementation of all **announced** targets including net zero targets, LTSs and NDCs*

* If 2030 NDC targets are weaker than projected emissions levels under policies & action, we use levels from policy & action

CAT warming projections Global temperature increase by 2100

November 2021 Update

Source: Climate Action Tracker, Glasgow's 2030 credibility gap: net zero's lip service to climate action, 9 November 2021 https://climateactiontracker.org/publications/glasgows-2030-credibility-gap-net-zeros-lip-service-to-climate-action/

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