

THE CLIMATE TRANSPARENCY REPORT 2021

All you need to know about G20 climate action in a concise, comparable and comprehensive way.

The report is the world's most comprehensive annual review of G20 members' climate action towards net zero and is based on 100 indicators for adaptation, mitigation and finance.



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The Highlights Report compares where G20 members stand in their climate action towards net zero



The 20 Country Profiles for each of the G20 members cover adaptation, mitigation and finance, together with recent developments and key opportunities

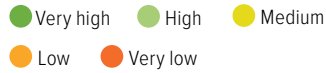
THE 2021 REPORT FOUND THAT:

- **Emissions rebounded** by 4% across the G20 again (in 2020 they declined by 6%) with Argentina, China, India and Indonesia projected to exceed their 2019 emissions.
- **Power sector renewables increased** by 20% between 2015 and 2020 and are projected to become nearly 30% of the G20's power mix in 2021. The share of renewables in energy supply is projected to grow from 10% in 2020 to 12% in 2021.
- **Coal consumption has increased** and is projected to rise by almost 5% in 2021, with this growth driven primarily by China (accounting for 61% of the growth), the USA (18%) and India (17%).
- Between 2018 and 2019, G20 members provided USD 50.7 billion/year of **public finance for fossil fuels**. The highest providers of public finance were Japan (USD 10.3 billion/year), China (just over USD 8 billion/year), and South Korea (just under USD 8 billion/year).
- Only USD 300 billion of the total USD 1.8 trillion in **recovery spending** went to the much-heralded "green" recovery whilst fossil fuels continue to be subsidised.

OUR COMPARISONS OF G20 MEMBERS' CLIMATE ACTION ARE USED BY DECISION-MAKERS

Summary of 5-year trends and current decarbonisation ratings

Current decarbonisation rating:*

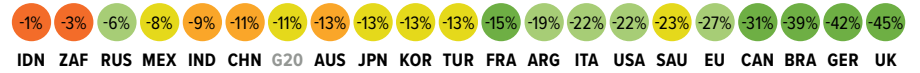


The current year's decarbonisation rating is represented by the colour of the circle and the 5-year trend is reflected by the percentage in the circle.

*Current year is 2020 except for Aviation emissions per capita (2018) and Emissions intensity of industry (2017).

Enerdata, 2021

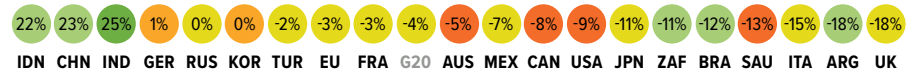
Emissions intensity of the power sector: 2015-2020 (gCO₂/kWh % change)



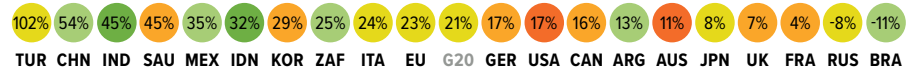
Growth in share of renewables in power generation (incl. large hydro): 2015-2020 (% change)



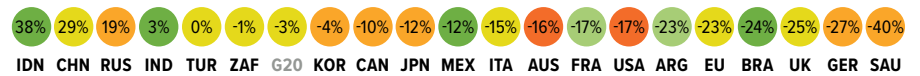
Transport emissions per capita (excl. aviation): 2015-2020 (tCO₂/capita % change)



Aviation emissions per capita: 2013-2018 (tCO₂/capita % change)



Building sector emissions per capita: 2015-2020 (tCO₂/capita % change)



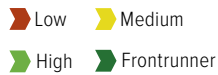
Emissions intensity of industry: 2012-2017 (kgCO₂e/US\$2015 GVA % change)



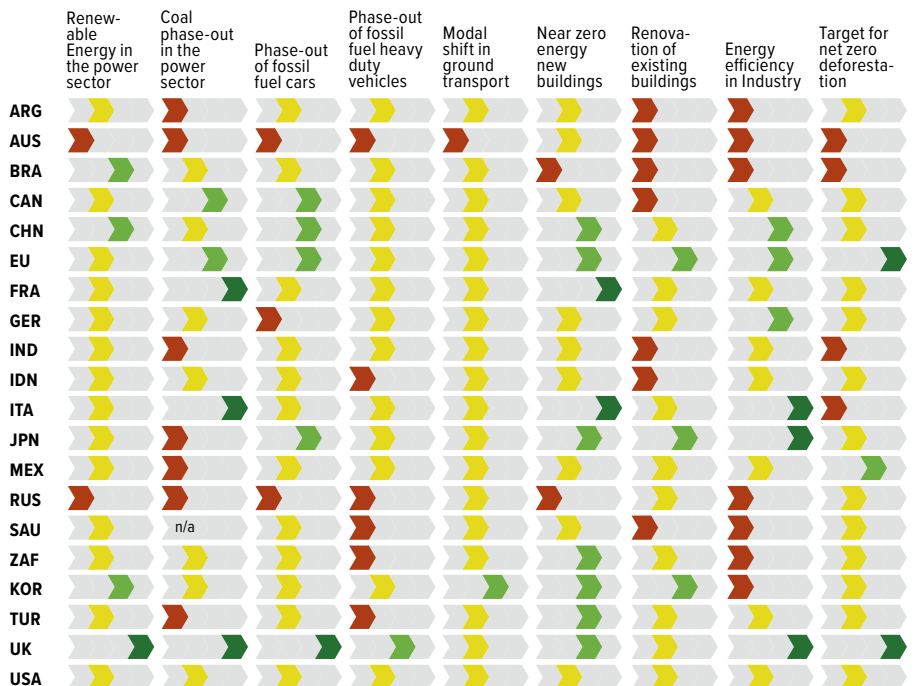
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Summary of policy ratings across sectors

Policy rating:



Climate Analytics, 2021



DEVELOPED BY EXPERTS FROM 16 PARTNER ORGANISATIONS FROM THE MAJORITY OF THE G20 COUNTRIES, THE REPORT INFORMS POLICY-MAKERS AND STIMULATES NATIONAL DEBATES

