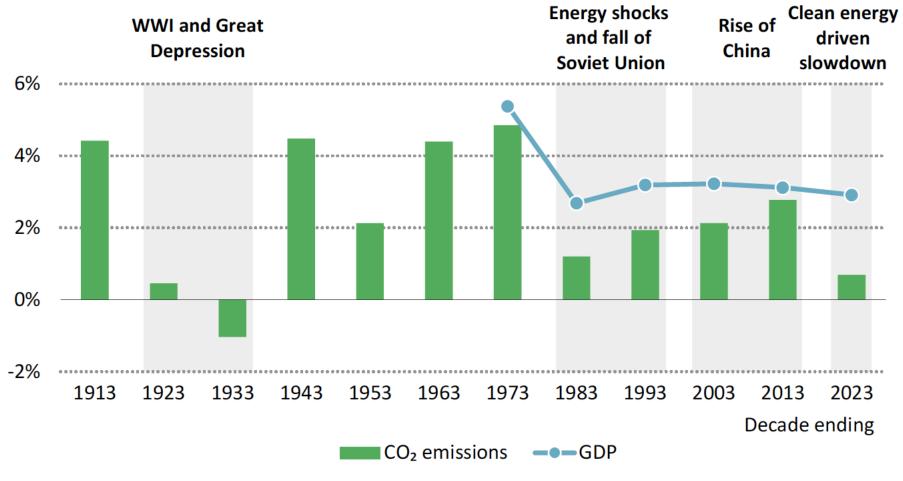
ANU ENERGY UPDATE 2024



Figure 2: Annual average rate of global CO₂ emissions and GDP growth by decade, 1903-2023

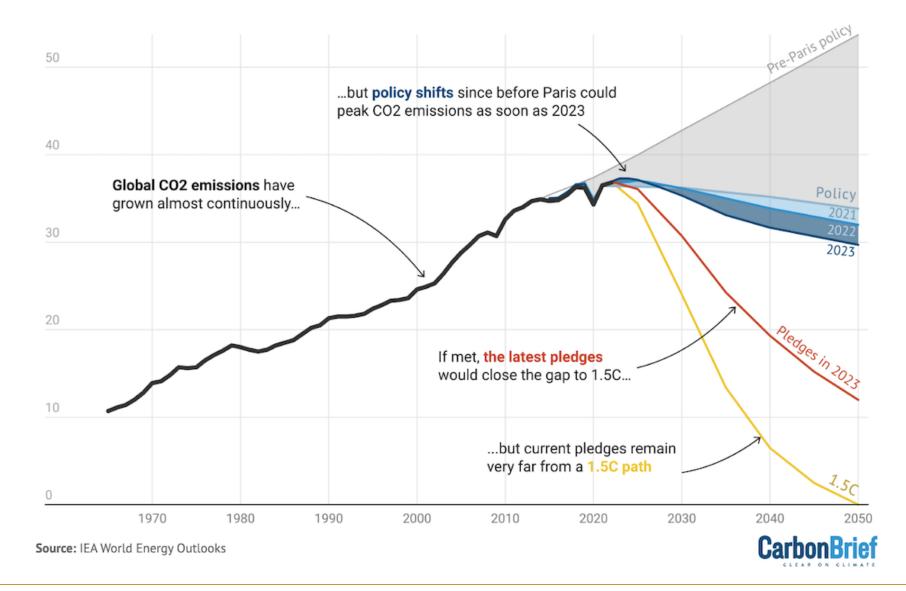


IEA. CC BY 4.0.



IEA existing policies scenarios of different vintages

Global energy-related CO2 emissions, billion tonnes





The unit costs of some forms of renewable energy and of batteries for passenger EVs have fallen, and their use continues to rise.

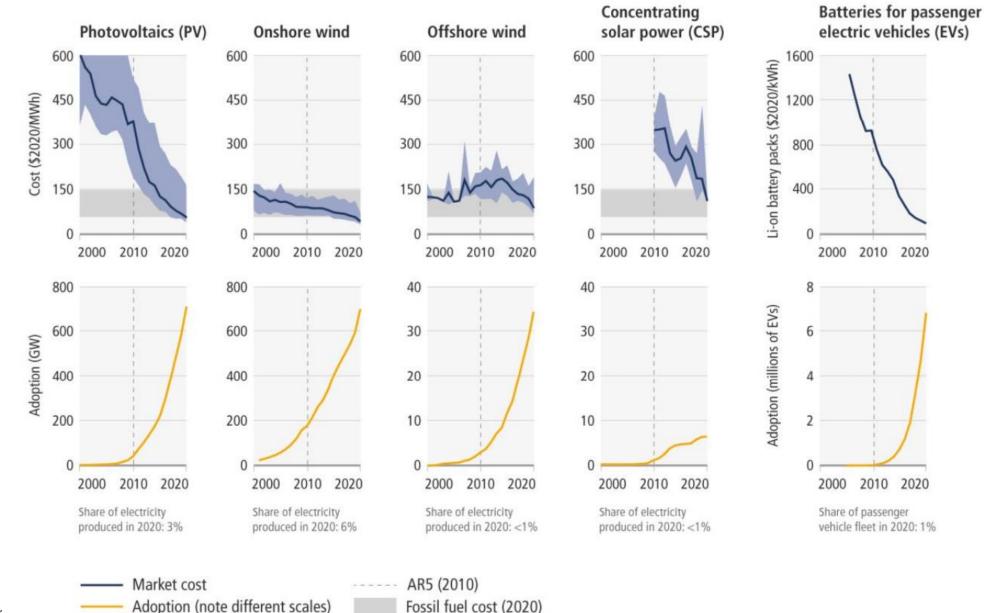
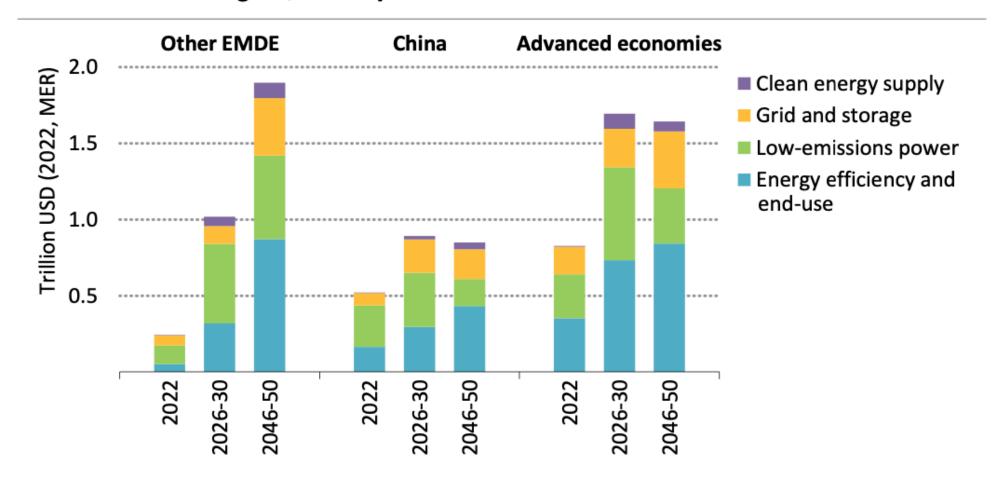
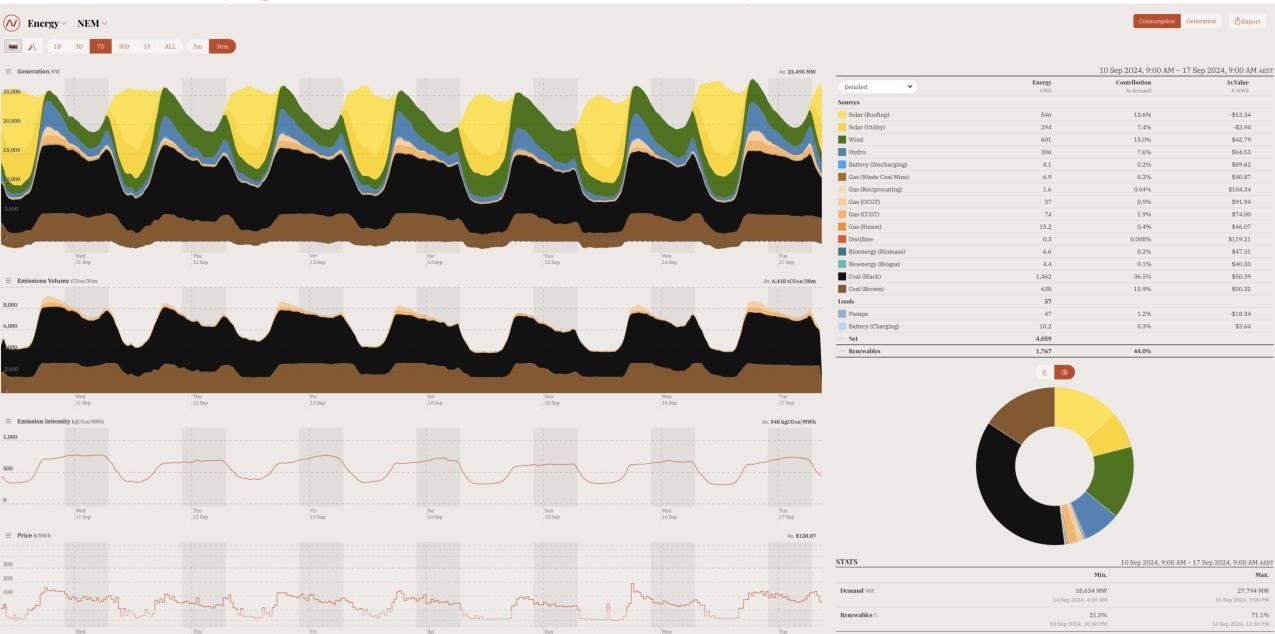


Figure 1.18 Average annual clean energy investment needs by region/country in the NZE Scenario, 2022-2050





Source: AEMO via OpenNEM. opennem.org



Price \$/MWh



Thank you

Crawford School of Public Policy
Institute for Climate, Energy and Disaster Solutions
ANU

frank.jotzo@anu.edu.au



