

Climate, Air Pollution, and Fiscal Background, Selected Countries

Country	Submission Round ^a	Climate Targets		Local air pollution		Fiscal	
		Mitigation pledge for Paris Accord ^b	Neutrality Target	Urban fine particulate conc. (µg/m ³), 2020	Premature deaths from fossil fuel combustion, 2020	General government debt (% GDP)	
						2007	2020
Argentina	Second	Net emissions cap of 359 MtCO ₂ e in 2030	2050 ^e	12	18,319	62	103
Australia	Second	Reduce GHGs 26-28% below 2005 by 2030 ♦	na ✱	7	5,129	10	63
Brazil	Second	Reduce GHGs 43% below 2005 by 2030	2050	12	84,043	64	99
Canada	First	Reduce GHGs 30% below 2005 by 2030	2050	7	9,779	67	118
China	First	Reduce CO ₂ /GDP 60-65% below 2005 by 2030	2060	49	1,708,644	29	67
Costa Rica	Second	Net emissions cap of 911 MtCO ₂ e in 2030	2050	18	1,491	27	68
Ethiopia	Second	Reduce GHGs 12.4%(41.1%) below BAU by 2030*	2050 ^e	34	78,247	42	55
France	Second	Reduce GHGs 55% ^c below 1990 by 2030	2050	11	22,793	65	113
Germany	Second	Reduce GHGs 55% ^c below 1990 by 2030	2045	11	43,407	64	69
India	First	Reduce GHG/GDP 33-35% below 2005 by 2030	na	78	1,664,565	74	90
Indonesia	First	Reduce GHGs 29%(41%) below BAU in 2030	na	19	196,831	32	37
Iran	First	Reduce GHGs 4%(12%) below BAU in 2030	na	38	52,474	14	43
Italy	Second	Reduce GHGs 55% ^c below 1990 by 2030	2050 ^e	15	36,570	104	156
Jamaica	Second	Reduce GHGs 25.4%(28.5%)below BAU by 2030 ^d	2050 ^e	15	1,538	114	106
Japan	Second	Reduce GHGs 25.4% below 2005 by 2030	2050	13	59,266	173	256
Korea	Second	Reduce GHGs 24.4% below 2017 by 2030	2050	27	24,321	27	49
Mexico	Second	Reduce GHGs 22%(36%) below BAU in 2030	2050 ^e	19	61,749	37	61
Morocco	First	Reduce GHGs 17%(42%) below BAU by 2030	na	33	35,944	51	76
Russia	Second	Reduce GHGs 70% below 1990 by 2030	na	12	123,529	8	19
Saudi Arabia	First	Reduce GHGs 130 MtCO ₂ e below BAU by 2030	na	67	18,510	17	32
South Africa	First	Reduce GHGs 398-614 MtCO ₂ e in 2025 and 2030	na	28	34,900	27	77
Turkey	First	Reduce GHGs 20%(25%) below BAU by 2030	na	27	60,233	38	37
United Kingdom	Second	Reduce GHGs 68% below 1990 by 2030	2050	9	24,948	42	104
United States	Second	Reduce GHGs 50-52% below 2005 by 2025	2050	7	114,956	65	127
Vietnam	Second	Reduce GHGs 9%(27%) below BAU by 2030	na	21	71,755	32	47

Sources: UNFCCC (2021), IMF (2021), IMF staff calculations.

Notes: ^aFirst and second round are 2015/16 and 2020/21 new or updated NDCs. ^bTargets conditional on international support are in brackets. ^cEU wide target. ^dJamaica's reduction targets are limited to the energy sector (supply and end-use) and land-use change and forestry. ^eTarget has been discussed but is not yet featured in policy documents. NDCs= Nationally Determined Contributions. na= not applicable. µg= micrograms. m³= cubic meters.

✱ NOTE: Since publication of this chart the government of Australia has made an arbitrary, non-binding commitment for Neutrality (net zero) by 2050