



Carbon Neutrality Legislation Around the World

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Prepared by the Staff of the Global Legal Research Directorate

SUMMARY This table shows the 57 jurisdictions around the world that the Law Library of Congress has identified as having a net zero emissions or climate neutrality goal set forth in existing or pending legislation. The table highlights existing legislation with established targets and the most recent legislative proposals that are not yet enacted. Existing legislation includes that of the European Union (EU) and its 27 member states, where a June 2021 regulation sets 2050 as the target date for climate neutrality. Fifteen EU member states have passed their own legislation in addition to the directly applicable regulation, including three that have set an earlier target date. To date, 25 jurisdictions outside the EU have passed legislation containing a carbon neutrality or net zero emissions goal, with four jurisdictions (Gibraltar, Iceland, Maldives and Scotland) setting a target date earlier than 2050, while two jurisdictions (Kazakhstan and Nigeria) target the achievement of carbon neutrality later than 2050. At least two other countries (Argentina and Israel) have proposed legislation that includes the goal, and one nation (Chile) has proposed legislation specifying electricity transmission as an enabling sector for carbon neutrality. Two jurisdictions (Russia and the United Kingdom) have enacted laws with carbon neutrality or net zero goals at the subnational level, while Brazil has proposed legislation with the goal of net carbon neutrality in the Brazilian Amazon.

Jurisdiction	Enacted Laws	Proposed Laws	Target
Argentina		Senate Bill 682/21 Amending Law 27.520 (on Minimum Standards for Global Climate Change Adaptation and Mitigation), on Carbon Neutrality by 2050, art. 1, https://perma.cc/LCJ8-3DAE	Carbon neutrality by 2050
Australia	Climate Change Act 2022 (Cth) s 10, https://perma.cc/K8HG-ETAS		Reduce emissions by 43% below 2005 levels by 2030; reduce net emissions to zero by 2050
Austria	Erneuerbaren-Ausbau-Gesetz [EAG], Bundesgesetzblatt [BGBl.] I No. 150/2021, as amended,		Net zero by 2040

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	<p>§ 4, para. 1, https://perma.cc/SE4P-FKV5 (original), https://perma.cc/W5SU-EPBN (English translation)</p> <p>EU law also applies</p>		
Belgium	EU law applies		
Brazil		<p>Senado Federal, Projeto de Lei 412, de 2022, art. 3, III, https://perma.cc/L7YT-RHR6</p>	By 2030, achieve the goal of net carbon neutrality in the Brazilian Amazon
Bulgaria	EU law applies		
Canada	<p>Canadian Net-Zero Emissions Accountability Act, S.C. 2021, c. 22, (Royal Assent, June 29, 2021), https://perma.cc/MD3F-LL9E; Net-zero emissions by 2050, Government of Canada, https://perma.cc/84TU-HPEB</p>		Net zero by 2050
Chile	<p>Law No. 21445 Ley Marco de Cambio Climático, Diario Oficial [D.O.], June 13, 2022, art. 1, https://perma.cc/R7R5-SEWL</p>	<p>Senate Bill No. 16078-08 would amend the General Law on Electricity Services, in terms of energy transition, to position electricity transmission as an enabling sector for carbon neutrality, July 10, 2023, https://perma.cc/NES5-2WHB</p>	Carbon neutrality by 2050
Colombia	<p>Ley 2169, por Medio de la Cual se Impulsa el Desarrollo Bajo en Carbono del País Mediante el Establecimiento de Metas y Medidas Mínimas en Materia de</p>		Carbon neutrality by 2050

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	Carbono Neutralidad y Resiliencia Climática y se Dictan otras Disposiciones, art. 5.2, Diario Oficial, Dec. 22, 2021, https://perma.cc/UHB2-YEVC		
Croatia	EU law applies		
Cyprus	EU law applies		
Czechia	EU law applies		
Denmark	Climate Act (No. 965 of June 26, 2020) art. 1, https://perma.cc/RP3S-J7EF (English translation of unamended version), https://perma.cc/6TE6-AGGY (Danish amended version, as consolidated in LBK nr 2580 af 13/12/2021) Lov om Ændring af Lov om Klima (LOV nr 2387 af 14/12/2021), https://perma.cc/NLW6-MDG8 EU law also applies		Climate neutrality by 2050. Reduction by 70% compared to 1990 levels by 2030 and 50-54% by 2025
Estonia	EU law applies		
European Union	Regulation (EU) 2021/1119 (European Climate Law), art. 2, 2021 O.J. (L 243) 1, https://perma.cc/2GM3-9W99		Net zero by 2050 EU law sets climate neutrality by 2050 and 55% emission reduction by 2030
Fiji	Climate Change Act 2021 (Act No. 43 of 2021) s 6(5), https://perma.cc/4S9NAS44		Net zero emissions by 2050
Finland	Klimatlag (FFS 423/2022), § 2,		Legislated targets of 60% reduction

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	<p>https://perma.cc/X23L-EEJP</p> <p>EU law also applies</p>		<p>in emissions compared to 1990 levels by 2030, 80% by 2040, and 90% by 2050; but with aim of 95% by 2050</p>
France	<p>French Energy Code art. L100-4, https://perma.cc/DFN4-FAKR, as amended by Law No. 2019-1147 of Nov. 8, 2019, on energy and climate, https://perma.cc/5275-FPPA</p> <p>EU law also applies</p>		<p>Net zero by 2050</p>
Gabon	<p>Law No. 018/2022 of 12/22/2022 ratifying Ordinance No. 019/PR/2021 of Sept. 13, 2021, relating to climate change, art. 4, https://perma.cc/S9AW-SRV4</p>		<p>The aims of the ordinance include maintaining the country's carbon neutrality by 2050.</p>
Germany	<p>Bundes-Klimaschutzgesetz [KSG], Dec. 12, 2019, Bundesgesetzblatt [BGBl.] I at 2513, as amended, § 3, para. 2, https://perma.cc/QA5R-EQJ8 (original), https://perma.cc/3KGY-PF8B (English translation)</p> <p>EU law also applies</p>		<p>Net zero by 2045</p>
Gibraltar	<p>Climate Change Act 2019, No. 29/2019, ss 8, 25, https://perma.cc/XPF7-F3U9</p>		<p>100% lower net emissions by 2045 from 1990 or 1995 baselines</p>
Greece	<p>National Climate Law, Law 4936 (E.K.E.D. 05/26/2022, A:105),</p>		<p>Net zero by 2050</p>

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	<p>https://perma.cc/TL5Q-8FC7</p> <p>EU law also applies</p>		
Hungary	<p>Law on Climate Policy: On the Declaration of a Climate Emergency, on Climate Protection, (T/7021), May 14, 2020, https://perma.cc/683R-7U5M</p> <p>EU law also applies</p>		Climate neutrality by 2050
Iceland	<p>Climate Act (Lög um loftslagsmál, 2012 nr. 70 29. Júní, 1 §, https://perma.cc/D4YF-9TF6, including 2021 amendment, https://perma.cc/LQ7N-C83S</p> <p>Not an EU member state but has a 2019 Climate Agreement with the EU, https://perma.cc/RJW5-ADLZ.</p>		<p>Carbon neutrality by 2040 and legally binding emissions reduction targets for 2030</p> <p>The act specifies that the government can issue further legally binding targets. Current policy is carbon neutrality by 2040. (Gov't Iceland, Ministry for Env't & Nat. Resources, <i>Iceland's 2020 Climate Action Plan</i>, https://perma.cc/3ZK3-Y6G8)</p>
Ireland	<p>Climate Action and Low Carbon Development Act 2015, No. 46/2015, https://perma.cc/6Y4S-7KYN, as amended by the Climate Action and Low Carbon Development (Amendment) Climate Action and Low Carbon</p>		Net zero by 2050

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	<p>Development (Amendment) Act 2021, No. 32/2021, https://perma.cc/KTM6-FVNS</p> <p>EU law also applies</p>		
Isle of Man	<p>Climate Change Act 2021, AT 20/2021, s 9(1), https://perma.cc/HT7Z-DLDN</p>		Net zero by 2050
Israel		<p>Climate Law Bill, 5782-2022 (Government Bill No. 1551, p. 1042, https://perma.cc/S48B-M76S)</p> <p>This bill was introduced June 1, 2022, and forwarded to the Knesset Committee for Interior and Environmental Protection for preparation for second and third readings. It has not passed yet.</p>	Net zero by 2050
Italy	EU law applies		
Japan	<p>Amendment (Act No. 54 of 2021) of Act on Promotion of Global Warming Countermeasures, Act No. 117 of 1998, art. 2-2, https://perma.cc/B69L-ZMYR</p>		Net zero by 2050
Kazakhstan	<p>Presidential Decree No. 121 of Feb. 2, 2023, on Approval of the Strategy for Achieving Carbon Neutrality of the Republic of Kazakhstan until 2060, https://perma.cc/DQ89-H7N2 (in Russian)</p>		Net zero emissions by 2060

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Latvia	EU law applies		
Liechtenstein	Emissionshandelsgesetz [EHG], Sept. 19, 2012, Landesgesetzblatt-Nummer [LGBL.-Nr.] 2012.346, as amended, art. 4, para. 4, https://perma.cc/5HHY-D3JU		Net zero by 2050
Lithuania	EU law applies		
Luxembourg	Law of Dec. 15, 2020, relating to the climate and amending the amended law of May 31, 1999, establishing a fund for the protection of the environment, art. 4, https://perma.cc/4D6R-A4WU EU law also applies		Net zero by 2050
Maldives	Climate Emergency Act, Law No. 9/2021, https://perma.cc/SPJ8-4BUD ; Press Release, President's Office, President Ratifies Climate Emergency Act (May 18, 2021), https://perma.cc/7NRN-6Q6W		Net zero by 2030
Malta	EU law applies, noted in the Climate Action Act, cap. 543, https://perma.cc/QWQ4-Y4GH		Net zero by 2050
Monaco	Sovereign Order No. 8.449 of Dec. 24, 2020, setting greenhouse gas reduction targets for the Principality by 2030, art. O.210-1, https://perma.cc/37Y2-6ZZB		Net zero by 2050

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Netherlands	Klimaatwet, July 2, 2019, Staatsblad van het Koninkrijk der Nederlanden [Stb.] 2019, no. 253, as amended, art. 2, para. 1, https://perma.cc/E29G-QVLS EU law also applies		Net zero by 2050
New Zealand	Climate Change Response Act 2002 s 5Q, https://perma.cc/HG8Q-K9DS , inserted by Climate Change Response (Zero Carbon) Amendment Act 2019 s 8, https://perma.cc/F7JU-XCJV		Net zero emissions by 2050, other than biogenic methane. Biogenic methane targets are 10% less than 2017 level by 2030, 24-47% less than 2017 level by 2050 and for each subsequent year.
Nigeria	Climate Change Act, 2021 (Nov. 17, 2021), https://perma.cc/8Y2J-RMYJ		2050-2070 (§ 1.)
Norway	Lov om klimamål (klimaloven) [Climate Act] (LOV-2017-06-16-60) § 4, https://perma.cc/47QH-6R3B Not an EU member state but has a 2019 Climate Agreement with the EU, https://perma.cc/RJW5-ADLZ .	Prop. 107 L (2022 – 2023) Proposisjon til Stortinget (forslag til lovvedtak) Endringer i klimaloven (klimamålet for 2030) [Proposed Amendment to the Climate Act (climate target for 2030)], https://perma.cc/T4EZ-NV6R	EU target of carbon neutrality by 2050 applies, per agreement with the EU. Climate Act prescribes reduction in emissions by 90-95% compared to 1990 levels by 2050. Proposed amendment (Prop. 107 L 2022/2023) to the Climate Act proposes

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			reduction in emissions by at least 55% compared to 1990 levels by 2030, replacing previous language which specified “50 and up to 55 percent” by 2030.
Poland	EU law applies		
Portugal	Lei No. 98/2021 de 31 de Dezembro, art. 19(2)(c), https://perma.cc/BUT6-RYEU EU law also applies		By 2050, a reduction of at least 90% in relation to 2005 values of greenhouse gas emissions Net zero by 2050 under EU law
Romania	EU law applies		
Russia	Federal Law No. 34 of Feb. 16, 2022, on Conducting an Experiment in Limiting the Emission of Greenhouse Gases in Selected Regions of the Russian Federation, https://perma.cc/6X9N-RYBL (in Russian)		By 2025, carbon neutrality in one of the constituent components
Slovakia	EU law applies		
Slovenia	Resolution of the National Assembly (legislature) on Slovenia’s Long-Term Climate Strategy Until 2050, No. 801-08/21-5/, adopted by National Assembly on July 13, 2021, https://perma.cc/M6HB-ETTK EU law also applies		Net-zero by 2050
South Korea	Framework Act on Carbon Neutral and Green Growth to Respond to Climate		Net zero by 2050

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	Crisis, Act No. 18469, art. 7, para. 1, https://perma.cc/J2GG-YC6T		
Spain	Ley 7/2021, de 20 de mayo, de Cambio Climático y Transición Energética, art. 3(2), Boletín Oficial del Estado, May 21, 2021, https://perma.cc/Q5ND-AZK9 EU law also applies		Climate neutrality by 2050 (including a 100% renewable electricity system)
Sweden	Klimatlag (SFS 2017:720), § 3, https://perma.cc/V5HA-A333 (unofficial English translation), https://perma.cc/R4C5-WJPW (original Swedish version) EU law also applies		The Swedish Climate Act sets no specific timelines for net emissions reductions, but it does require the Swedish government to review emission targets every four years. Official policy as of March 2021 is net zero emissions by 2045 (85% reduction compared to 1990). (Ministry of Climate and Enterprise, <i>Sweden's Climate Policy Framework</i> (Mar. 11, 2021), https://perma.cc/NS4A-ZVGB .) EU law provides climate neutrality

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			by 2050 and 55% reduction by 2030.
Switzerland	<p>Bundesgesetz über die Ziele im Klimaschutz, die Innovation und die Stärkung der Energiesicherheit [KIG], Sept. 30, 2022, Bundesblatt [BBl.] 2022, 2403, art. 3, para. 2, https://perma.cc/KW9Q-27Z2</p> <p>Note: not yet in force; KIG was approved in a referendum on June 18, 2023; slated to enter into force on Jan. 1, 2025, but Federal Council (Swiss government) must still set date (see https://perma.cc/5DPC-FT6F)</p>		Net zero by 2050
Taiwan	<p>Climate Change Response Act (promulgated Feb. 15, 2023) art. 4, https://perma.cc/5LQF-6ZMM (in Chinese), https://perma.cc/EX32-W4KB (English translation)</p>		Net zero by 2050
Ukraine	<p>Law 376-IX/2019 on Regulation of Economic Activity with Ozone-Depleting Substances and Fluorinated Greenhouse Gases, https://perma.cc/F8EP-JHB6 (in Ukrainian)</p> <p>Law No. 377-IX of Dec. 12, 2019, on the Principles of Monitoring, Reporting, and Verification of Greenhouse Gas Emissions,</p>		The law harmonizes Ukrainian legislation with standards of EU Law (an obligation for Ukraine under the EU-Ukraine Association Agreement,) and implements the provisions of Directives No. 2003/87/EC and No. 2004/101/EC.

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	<p>https://perma.cc/8GN8-KEY2 (in Ukrainian)</p>		
<p>United Kingdom of Great Britain and Northern Ireland</p>	<p>Climate Change Act 2008, c. 27, https://perma.cc/2HJ4-KNRJ, as inserted by The Climate Change Act 2008 (2050 Target Amendment) Order 2019, SI 2019/1056, https://perma.cc/43EM-ADDK</p> <p>Northern Ireland: Climate Change Act (Northern Ireland) 2022, c. 31, https://perma.cc/TE9Z-L7MY</p> <p>Scotland: Climate Change (Scotland) Act 2009, asp 12, https://perma.cc/748L-CXP8, as amended by Climate Change (Emissions Reduction Targets) (Scotland) Act 2019, asp 15, https://perma.cc/C9PS-4XLA</p>		<p>Net zero by 2050</p> <p>Northern Ireland to have 100% lower emissions by 2050 from 1990 or 1995 baselines.</p> <p>Scotland to achieve net zero by 2045.</p>
<p>Vietnam</p>	<p>Decision No. 893/QD-TTg of the Prime Minister approving the National Energy Master Plan for the period of 2021-2030, with a vision to 2050, art. 2, https://perma.cc/U4QU-HXSS</p>		<p>Net zero by 2050</p>