



Integrated National Climate and Energy Policies and Measures (PaM), 2024

This database contains a number of integrated national climate and energy policies and measures (PaM) implemented or planned by European countries to reduce greenhouse gas emissions, and achieve climate and energy targets. This data is reported in accordance with the Governance Regulation (2018/1999) Articles 17 and 18. Most of these PaMs have been additionally reported to the European Commission via National Energy and Climate Plans (NECPs) or to the United Framework Convention on Climate Change (UNFCCC) Biennial Transparency Reports (BTR).

Only Estonia, Ireland, Sweden updated their data in 2024. This dataset consists of the updated data for these countries and then the latest reported data from the other EU27 countries in 2023. This dataset only includes core reporting elements from Implementing Regulation 2020/1208 Annex XXIV and Implementing Regulation 2022/2299 Annex IX and not all additional energy related reported information as normally required under the National Energy and Climate Progress Reporting (NECPR) requirements - as this data is only mandated on a biennial basis.

Simple

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Point of contact

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Point of contact

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Point of contact

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EEA Management Plan	<ul style="list-style-type: none">2024 2.1.32024 2.1.1
EEA topics	<ul style="list-style-type: none">Renewable energyEnergyAir pollution

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Keywords	
Keywords	
GEMET	<ul style="list-style-type: none"> • policy effectiveness • energy efficiency • climate policy • renewable energy • energy policy • climate change mitigation • energy • policy
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • Croatia • Austria • Sweden • Iceland • Estonia • Slovakia • Spain • Malta • Lithuania • Bulgaria • Switzerland • France • Latvia • Slovenia • Poland • Luxembourg • Czechia • Germany • Hungary • Greece • Belgium • Italy • Denmark • Norway • Romania • Cyprus • Netherlands • Portugal • Ireland • Finland
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Use limitation	<p>EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (https://www.eea.europa.eu/legal/copyright).</p> <p>Copyright holder: European Environment Agency (EEA).</p>
Access constraints	Other restrictions
Other constraints	No limitations to public access
Language of dataset	English
Topic category	<ul style="list-style-type: none"> • Environment
Begin date	2024-01-01
End date	2024-12-31
Additional Information	<p>Data includes information on integrated national climate and energy policies and measures (PaMs), implemented or planned by European countries to reduce Greenhouse Gas (GHG) emissions. This information is split into different reporting obligations under the Governance Regulation 2018/1999:</p> <ul style="list-style-type: none"> - Article 18: national GHG PaMs, and - Article 17: integrated national climate and energy progress reporting.

	<p>Article 18 reporting includes the following:</p> <ul style="list-style-type: none">- Key characteristics of PaMs (types of measures, sectors affected, associated indicators, etc.),- Quantified policy impacts (ex-ante and ex-post) for GHG emissions savings, renewable energy production, and energy savings,- Costs and benefits of policies and measures regarding GHG emissions savings, renewable energy production, and energy savings, <p>Article 17 reporting combines the above points, as well as the following:</p> <ul style="list-style-type: none">- Quantified policy impacts (ex-ante and ex-post) for renewable energy production, and energy savings,- Costs and benefits of policies and measures regarding renewable energy production, and energy savings,		
Distribution format	<ul style="list-style-type: none">• Microsoft Excel (.xls, .xlsx) ()		
OnLine resource	<p>Protocol</p> <p>EEA:FOLDERPATH</p> <p>WWW:URL</p>	<p>Linkage</p> <p>https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_climate-change-mitigation-pam_p_2024_v01_r00/</p> <p>https://sdi.eea.europa.eu/data/9755cf14-2cd8-4ca2-a98e-4a2cad50c1ae</p>	<p>Name</p> <p>Direct download</p>

OnLine resource

No information provided.

OnLine resource	<p>Protocol</p> <p>DOI</p>	<p>Linkage</p> <p>https://doi.org/10.2909/9755cf14-2cd8-4ca2-a98e-4a2cad50c1ae</p>	<p>Name</p>
Hierarchy level	Dataset		
Statement	<p>Only Estonia, Ireland, Sweden updated their data in 2024. Reporting is only mandatory if 'significant changes' exist in the data. Therefore for countries that did not report data in 2024, 2023 data was used.</p> <p>Data reporting in 2023 included for the first time information not only on GHG Policies and Measures (PaMs), but additionally on PaMs related to the Energy Union (as well as information on progress to financing PaMs, and PaMs impacts on air quality). This dataset includes only information related to the key characteristics of all types of PaMs but none of the additional reporting requirements under the NECPR Implementing Regulation 2022/2299 Annexes X - XIV.</p>		

Metadata

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Overviews

Key characteristics																									
Report ID	Country	D of policy or measure	Name of policy or measure	Single policy or measure or group of measures	Policies or measures included in the group	Geographical coverage	Quantified objective	Status of implementation	Implementation period start	Implementation period finish	General comment	Contribution to the LTS	Type of policy instrument	Is the policy or measure related to a Union policy?	Related Union Policy	Sectors affected	Sectors excluded	Entities responsible for implementing the policy type	Entities responsible for implementing the policy	Main reference	URL to main reference	Indicator used to monitor and evaluate progress over time	Project included		
186	Denmark	1	1-TD-06: Minr	Single		Tax on miner	National	No quantified	Implemented	1993	2050	Link to legisli	Will contribut	Fiscal	Non-related	NULL	Energy con	Energy co	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Nitrous oxide (N2O)	1.1.1		
186	Denmark	2	1-TD-02: Gas	Single		Tax on cons	National	No quantified	Implemented	1996	2050	Link to legisli	Will contribut	Fiscal	Non-related	NULL	Energy sup	Energy su	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	3	1-TD-03: Coal	Single		Tax on cons	National	No quantified	Implemented	1992	2050	Link to legisli	Will contribut	Fiscal	Non-related	NULL	Energy con	Energy co	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	4	1-TD-04: Elec	Single		Tax on cons	National	No quantified	Implemented	1977	2050	Link to legisli	Will contribut	Fiscal	Non-related	NULL	Energy con	Energy co	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Methane (CH4)	1.1.1		
186	Denmark	5	1-TD-05: CO2	Single		Tax on energ	National	No quantified	Implemented	1992	2050	Link to legisli	Will contribut	Fiscal	Non-related	NULL	Energy con	Energy co	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	6	1-TD-06: Gre	Single		Car owners	National	No quantified	Implemented	1997	2050	Link to legisli	Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	7	1-TD-07: Regi	Single		The regional	National	No quantified	Implemented	2000	2050	Link to legisli	Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	8	1-TD-08: Tax	Single		Tax on HFCs	National	No quantified	Implemented	2001	2050	Link to legisli	Will contribut	Fiscal	Related	Effort Shain	Industrial pr	Industrial	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Hydrofluorocarbon (HFC)	1.1.1		
186	Denmark	21	2-EW-03: Pric	Single		The Danish's	National	No quantified	Implemented	2008	2050		Will contribut	Economic	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	9	1-TD-09: Tax	Single		Low regional	National	No quantified	Implemented	2011	2050	Link to legisli	Will contribut	Fiscal	Related	Effort Shain	Energy sup	Energy su	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Methane (CH4)			
186	Denmark	10	1-TD-10: Low	Single		Tax on metha	National	No quantified	Implemented	2020	2021		Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	11	1-TD-11: Dedu	Single		Deductions	National	No quantified	Implemented	2020	2021		Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	12	1-TD-12: Exten	Single		Extension of	National	No quantified	Implemented	2020	2050		Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	13	1-TD-13: Inve	Single		The tax on H	National	No quantified	Adopted	2021	2050		Will contribut	Fiscal	Related	Effort Shain	Industrial pr	Industrial	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Hydrofluorocarbon (HFC)	1.1.1		
186	Denmark	14	1-TD-14: Mes	Single		The misleage	National	No quantified	Adopted	2021	2050	Link to legisli	Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	15	1-TD-15: Adjust	Single		Adjustment	National	No quantified	Adopted	2021	2050		Will contribut	Fiscal	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	16	1-TD-16: Low	Single		The regional	National	No quantified	Adopted	2022	2050		Will contribut	Fiscal	Related	Effort Shain	Waste man	Waste ma	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	17	0-2: Green tax	Group	1,2,3,4	The green tax	National	No quantified	Implemented	2021	2050		Will contribut	Other	Related	Effort Shain	Transport	Transport	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	18	0-3: Increase	Group	1,4	With the cli	National	No quantified	Implemented	2021	2050		Will contribut	Other	Related	Effort Shain	Energy con	Energy co	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	19	0-5: EU-C	Single		A key instrum	National	Climate-ne	Implemented	2005	2050		Will contribut	Regulatory	Eco	Related	ETS Directiv	Energy sup	Energy su	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Perfluorocarbons (PFC)	1.1.1	
186	Denmark	20	2-EW-02: Econ	Single		In 2019, biom	National	No quantified	Implemented	1993	2050		Will contribut	Economic	Vol	Related	Effort Shain	Energy con	Energy co	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)		
186	Denmark	95	3-WA-11: Tipl	Single		The tax on co	National	No quantified	Implemented	2020	2050		Will contribut	Economic	Fisc	Related	Effort Shain	Waste man	Waste ma	National government	Danish Ministry of T	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)		
186	Denmark	22	2-EW-04: Tex	Single		The 2012 Exc	National	No quantified	Implemented	2010	2050		Will contribut	Regulatory	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	23	2-EW-06: Ener	Single		Danish supp	National	No quantified	Implemented	2008	2050		Will contribut	Information	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Methane (CH4)	1.1.1		
186	Denmark	24	2-EW-07: Adj	Single		On June 16, 2	National	No quantified	Adopted	2025	2050		Will contribut	Regulatory	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Ministry	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	25	2-EW-08: Pha	Single		The "social e	National	No quantified	Adopted	2021	2050		Will contribut	Regulatory	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Ministry	NA	https://eu-descriptor: NA U: Methane (CH4)	Ca	1.1.1	
186	Denmark	26	2-EW-09: Enal	Single		A broad majo	National	No quantified	Adopted	2021	2050		Will contribut	Regulatory	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Ministry	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	32	3-BU-10: The	Single		Reducing en	National	No quantified	Implemented	2014	2050		Will contribut	Information	Related	Effort Shain	Energy con	Energy co	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	27	2-EW-10: Stop	Single		The stop for	National	No quantified	Adopted	2021	2050		Will contribut	Regulatory	Non-related	NULL	Energy sup	Energy su	National government	The Danish Ministry	NA	https://eu-descriptor: NA U: Methane (CH4)	Ca	1.1.1	
186	Denmark	28	3-BU-01: Agre	Single		In connector	National	No quantified	Implemented	1993	2050		Will contribut	Voluntary	hego	Related	Effort Shain	Energy con	Energy co	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1	
186	Denmark	29	3-BU-06: Circ	Single		The circular	National	No quantified	Implemented	2005	2050		Will contribut	Regulatory	Related	Effort Shain	Energy con	Energy co	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	30	3-BU-08: Ren	Single		Businesses v	National	No quantified	Implemented	2013	2023		Will contribut	Economic	Related	Effort Shain	Energy sup	Energy su	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Methane (CH4)	1.1.1		
186	Denmark	31	3-BU-09: Man	Single		Large enterp	National	No quantified	Implemented	2014	2050		Will contribut	NULL	Related	Effort Shain	Energy con	Energy co	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Methane (CH4)	1.1.1		
186	Denmark	33	3-BU-11: The	Single		The Danish C	National	No quantified	Implemented	2014	2050		Will contribut	Economic	Related	Effort Shain	Energy sup	Energy su	National government	Ministry of Industry	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	34	3-BU-12: Prior	Single		The prioritiz	National	No quantified	Implemented	2020	2050		Will contribut	Economic	Related	Effort Shain	Energy con	Energy co	National government	Ministry of Industry	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	35	3-BU-13: Oblig	Single		The obligatio	National	Reduction of	Adopted	2021	2050		Will contribut	Regulatory	Related	Effort Shain	Energy con	Energy co	National government	The Danish Ministry	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	36	3-BU-14: Com	Single		The subsidy	National	No quantified	Adopted	2021	2050		Will contribut	Economic	Related	Effort Shain	Energy con	Energy co	National government	The Danish Ministry	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	37	3-BU-15: Sub	Single		The Danish C	National	No quantified	Adopted	2021	2050		Will contribut	NULL	Related	Effort Shain	Energy con	Energy co	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)	1.1.1		
186	Denmark	38	4-TR-01a: EU	Single		The EU's reg	National	No quantified	Implemented	2000	2050		Will contribut	Regulatory	Related	Regulation	Transport	Transport	National government	Statistics Denmark	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	39	4-TR-07: Spat	Single		Spatial plan	National	No quantified	Implemented	2000	2050		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	Local government	Municipalities	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	40	4-TR-08: leapi	Single		From 2012 all	National	No quantified	Implemented	2012	2050		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	National government	The Danish Energy	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	41	4-TR-10: Elec	Single		In 2013, the	National	No quantified	Adopted	2027	2050		Will contribut	Economic	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	42	4-TR-12: Inves	Single		The tunnel	National	No quantified	Adopted	2028	2050		Will contribut	Economic	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	43	4-TR-13: Use	Single		Use of climat	National	No quantified	Implemented	2020	2021		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	44	4-TR-14: Alloc	Single		Allocated fur	National	No quantified	Adopted	2024	2050		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	68	7-AG-04a:04	Single		11 Optimisat	National	No quantified	Expired	2001	2003		Will contribut	Regulatory	Related	Effort Shain	Agriculture	Agricultur	National government	The Ministry of Food	NA	https://eu-descriptor: NA U: Nitrous oxide (N2O)			
186	Denmark	45	4-TR-15: Alloc	Single		Allocated fur	National	No quantified	Adopted	2024	2050		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	46	4-TR-16: Alloc	Single		DKK 75 millio	National	No quantified	Implemented	2020	2021		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			
186	Denmark	47	4-TR-17: Requ	Single		Requiemment	National	No quantified	Implemented	2020	2050		Will contribut	Regulatory	Related	Effort Shain	Transport	Transport	National government	Ministry of Transport	NA	https://eu-descriptor: NA U: Carbon dioxide (CO2)			

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