

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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	European Environment Agency		Point of contact
	European Topic Centre on Climate Change Mitigation (ETC-CM)		Processor

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

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Reporting obligations	<ul style="list-style-type: none"> Integrated national policies and measures - GovReg
EEA Management Plan	<ul style="list-style-type: none"> 2024 2.1.3 2024 2.1.1
EEA topics	<ul style="list-style-type: none"> Renewable energy Energy Air pollution

	<ul style="list-style-type: none"> • Energy efficiency • Climate mitigation
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
Keywords	
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). 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.

Article 18 reporting includes the following:

- 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,

Article 17 reporting combines the above points, as well as the following:

- 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	DoI 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	Sector objective 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 in which measure		
186	Denmark	1	H-10-06	Mix	Single	Tax on mineral oils	National	No quantified	Implemented	1993	2050	Link to legislation	Will contribute	Fiscal	Non-related	NULL	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-06	NA	1.1.1	
186	Denmark	2	H-10-02	Gas	Single	Tax on consumption of gas	National	No quantified	Implemented	1996	2050	Link to legislation	Will contribute	Fiscal	Non-related	NULL	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-02	NA	1.1.1	
186	Denmark	3	H-10-03	Coal	Single	Tax on consumption of coal	National	No quantified	Implemented	1992	2050	Link to legislation	Will contribute	Fiscal	Non-related	NULL	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-03	NA	1.1.1	
186	Denmark	4	H-10-04	Elect	Single	Tax on consumption of electricity	National	No quantified	Implemented	1977	2050	Link to legislation	Will contribute	Fiscal	Non-related	NULL	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-04	NA	1.1.1	
186	Denmark	5	H-10-05	CO2	Single	Tax on consumption of CO2	National	No quantified	Implemented	1992	2050	Link to legislation	Will contribute	Fiscal	Non-related	NULL	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-05	NA	1.1.1	
186	Denmark	6	H-10-06	Green	Single	Car owners tax	National	No quantified	Implemented	1997	2050	Link to legislation	Will contribute	Fiscal	Non-related	NULL	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-06	NA	1.1.1	
186	Denmark	7	H-10-07	Regio	Single	The regional tax	National	No quantified	Implemented	2000	2050	Link to legislation	Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-07	NA	1.1.1	
186	Denmark	8	H-10-08	Tax	Single	Tax on CO2	National	No quantified	Implemented	2001	2050	Link to legislation	Will contribute	Fiscal	Related	Effort Share	Industrial	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10-08	NA	1.1.1	
186	Denmark	21	2-EW-03	Alco	Single	The Danish excise tax	National	No quantified	Implemented	2008	2050		Will contribute	Economic	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-21	NA	1.1.1	
186	Denmark	9	H-10-09	Low	Single	Low registration tax	National	No quantified	Implemented	2011	2050	Link to legislation	Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-9	NA	1.1.1	
186	Denmark	10	H-10-10	Low	Single	Low registration tax	National	No quantified	Implemented	2020	2021		Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-10	NA	1.1.1	
186	Denmark	11	H-10-11	Deduct	Single	Deductions in tax	National	No quantified	Implemented	2020	2021		Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-11	NA	1.1.1	
186	Denmark	12	H-10-12	Extend	Single	Extension of tax	National	No quantified	Implemented	2020	2050		Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-12	NA	1.1.1	
186	Denmark	13	H-10-13	Invest	Single	The tax on investment	National	No quantified	Adopted	2021	2050		Will contribute	Fiscal	Related	Effort Share	Industrial	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-13	NA	1.1.1	
186	Denmark	14	H-10-14	Mix	Single	The mileage tax	National	No quantified	Adopted	2021	2050	Link to legislation	Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-14	NA	1.1.1	
186	Denmark	15	H-10-15	Adjust	Single	Adjustment of tax	National	No quantified	Adopted	2021	2050		Will contribute	Fiscal	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-15	NA	1.1.1	
186	Denmark	16	H-10-16	Invest	Single	The regional tax	National	No quantified	Adopted	2022	2050		Will contribute	Fiscal	Related	Effort Share	Waste management	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-16	NA	1.1.1	
186	Denmark	17	02	Green	Group	12, 3, 4	The green tax	National	No quantified	Implemented	2021	2050		Will contribute	Other	Related	Effort Share	Transport	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-17	NA	1.1.1
186	Denmark	18	03	Increase	Group	14	With the climate tax	National	No quantified	Implemented	2021	2050		Will contribute	Other	Related	Effort Share	Energy consumption	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-18	NA	1.1.1
186	Denmark	19	2-EW-01	EU-C	Single	Alexionum	National	Climate-related	Implemented	2005	2050		Will contribute	Regulatory	EU-Related	ETS Directive	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-19	NA	1.1.1	
186	Denmark	20	2-EW-02	EU-C	Single	In 2019, biom	National	No quantified	Implemented	1993	2050		Will contribute	Economic	Voluntary	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-20	NA	1.1.1
186	Denmark	95	3-WA-11	High	Single	The tax on waste	National	No quantified	Implemented	2020	2050		Will contribute	Economic	Fiscal	Related	Effort Share	Waste management	National government	Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-95	NA	1.1.1
186	Denmark	22	2-EW-04	Tenx	Single	The 2012 Excise tax	National	No quantified	Implemented	2010	2050		Will contribute	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-22	NA	1.1.1	
186	Denmark	23	2-EW-06	Ener	Single	Danish support	National	No quantified	Implemented	2008	2050		Will contribute	Information	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-23	NA	1.1.1	
186	Denmark	24	2-EW-07	Adju	Single	On June 16, 2020	National	No quantified	Adopted	2025	2050		Will contribute	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-24	NA	1.1.1	
186	Denmark	25	2-EW-08	Pha	Single	The social tax	National	No quantified	Adopted	2021	2050		Will contribute	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-25	NA	1.1.1	
186	Denmark	26	2-EW-09	Enal	Single	A broad major	National	No quantified	Adopted	2021	2050		Will contribute	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-26	NA	1.1.1	
186	Denmark	32	3-BU-10	The	Single	Reducing energy	National	No quantified	Implemented	2014	2050		Will contribute	Information	Non-related	NULL	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-32	NA	1.1.1	
186	Denmark	27	2-EW-10	Stop	Single	The stop for	National	No quantified	Adopted	2021	2050		Will contribute	Regulatory	Non-related	NULL	Energy consumption	National government	The Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-27	NA	1.1.1	
186	Denmark	28	3-BU-01	Agre	Single	In connector	National	No quantified	Implemented	1993	2050		Will contribute	Voluntary	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-28	NA	1.1.1
186	Denmark	29	3-BU-06	Circi	Single	The circular	National	No quantified	Implemented	2005	2050		Will contribute	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-29	NA	1.1.1	
186	Denmark	30	3-BU-08	Ren	Single	Businesses in	National	No quantified	Implemented	2013	2023		Will contribute	Economic	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-30	NA	1.1.1	
186	Denmark	31	3-BU-09	Man	Single	Large enterpr	National	No quantified	Implemented	2014	2050		Will contribute	NULL	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-31	NA	1.1.1	
186	Denmark	33	3-BU-11	The	Single	The Danish C	National	No quantified	Implemented	2014	2050		Will contribute	Economic	Related	Effort Share	Energy consumption	National government	Ministry of Industry	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-33	NA	1.1.1	
186	Denmark	34	3-BU-12	Thro	Single	The prioritise	National	No quantified	Implemented	2020	2050		Will contribute	Economic	Related	Effort Share	Energy consumption	National government	Ministry of Industry	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-34	NA	1.1.1	
186	Denmark	35	3-BU-13	Obli	Single	The obligatio	National	No quantified	Adopted	2021	2050		Will contribute	Regulatory	Related	Effort Share	Energy consumption	National government	The Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-35	NA	1.1.1	
186	Denmark	36	3-BU-14	Com	Single	The subsidy	National	No quantified	Adopted	2021	2050		Will contribute	Economic	Related	Effort Share	Energy consumption	National government	The Danish Ministry of Taxation	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-36	NA	1.1.1	
186	Denmark	37	3-BU-15	Subs	Single	The Danish C	National	No quantified	Adopted	2021	2050		Will contribute	NULL	Related	Effort Share	Energy consumption	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-37	NA	1.1.1	
186	Denmark	38	4-TR-01a	EU	Single	The EU's reg	National	No quantified	Implemented	2000	2050		Will contribute	Regulatory	Related	Regulation	Transport	National government	Statistics Denmark	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-38	NA	1.1.1	
186	Denmark	39	4-TR-07	Spot	Single	Spot plan	National	No quantified	Implemented	2000	2050		Will contribute	Regulatory	Related	Effort Share	Transport	Local government	Municipalities	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-39	NA	1.1.1	
186	Denmark	40	4-TR-08	lepti	Single	From 2012 all	National	No quantified	Implemented	2012	2050		Will contribute	Regulatory	Related	EU-Related	Transport	National government	The Danish Energy Agency	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-40	NA	1.1.1	
186	Denmark	41	4-TR-10	Elect	Single	In 2013, the	National	No quantified	Adopted	2027	2050		Will contribute	Economic	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-41	NA	1.1.1	
186	Denmark	42	4-TR-12	Invest	Single	The tunnel in	National	No quantified	Adopted	2028	2050		Will contribute	Economic	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-42	NA	1.1.1	
186	Denmark	43	4-TR-13	Use	Single	Use of clean	National	No quantified	Implemented	2020	2021		Will contribute	Regulatory	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-43	NA	1.1.1	
186	Denmark	44	4-TR-14	Alco	Single	Allocated for	National	No quantified	Adopted	2024	2050		Will contribute	Regulatory	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-44	NA	1.1.1	
186	Denmark	68	7-AG-04a	04	Single	10 Optimisatio	National	No quantified	Expired	2001	2009		Will contribute	Regulatory	Related	Effort Share	Agriculture	National government	The Ministry of Food	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-68	NA	1.1.1	
186	Denmark	45	4-TR-15	Alco	Single	Allocated for	National	No quantified	Adopted	2024	2050		Will contribute	Regulatory	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-45	NA	1.1.1	
186	Denmark	46	4-TR-16	Alco	Single	DKK 75 millio	National	No quantified	Implemented	2020	2021		Will contribute	Regulatory	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-46	NA	1.1.1	
186	Denmark	47	4-TR-17	Reg	Single	Reassessment	National	No quantified	Implemented	2020	2050		Will contribute	Regulatory	Related	Effort Share	Transport	National government	Ministry of Transport	NA	https://europa.eu/eurostat/tgm/table.do?code=sdg-13-8-47	NA	1.1.1	

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