

European Union Emissions Trading System (EU ETS) data from EUTL, May 2024

Data about the EU emission trading system (ETS). The EU ETS data viewer provides aggregated data on emissions and allowances, by country, sector and year. The data mainly comes from the EU Transaction Log (EUTL). Additional information on auctioning and scope corrections is included.

Simple

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Keywords	
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Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Lithuania Ireland

- Poland
- Spain
- Iceland
- Italy
- Liechtenstein
- Denmark
- Romania
- United Kingdom
- Bulgaria
- Norway
- Hungary
- Luxembourg
- France
- Austria
- Czechia
- Slovenia
- Finland
- Estonia
- Latvia
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- Greece
- Netherlands
- Cyprus
- Croatia
- Malta
- Sweden
- Slovakia

Keywords	
Keywords	
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Association Type	Cross reference

Language of dataset	English		
Topic category	<ul style="list-style-type: none"> Environment 		
Begin date	2005-01-01		
End date	2023-12-31		
Additional Information	<p>The EU Emissions Trading System (ETS) is a central instrument of the EU's policy to fight climate change and achieve cost-efficient reductions of greenhouse gas emissions. It is the world's biggest carbon market.</p> <p>Related websites:</p> <p>https://ec.europa.eu/clima/ets/</p> <p>https://climate.ec.europa.eu/eu-action/eu-emissions-trading-system-eu-ets_en</p>		
Distribution format	<ul style="list-style-type: none"> ascii (.csv, .txt, .sql) () 		
OnLine resource	Protocol	Linkage	Name
	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_eu-emission-trading-scheme-may-2024_p_2005-2023_v01_r00/	
	WWW:URL	https://sdi.eea.europa.eu/data/559cabe9-e9db-432d-823f-f3a19e62a4f2	Direct download
	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/EEA_EUETS_data_viewer_user%20manual_June12.pdf?approved=true	User manual - data viewer
	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/Technical%20report%20-%20ETS%20Scope%20estimate%20(2023%20update).pdf?approved=true	Technical report - ETS Scope estimate, 2023
	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/Translation%20of%20activity%20codes%20May%202019.xlsx?approved=true	Activity codes - translation
	WWW:LINK-1.0-http--link	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/2014%20SPA%20and%20SCI.xlsx	SPA and SCI
	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/EU%20ETS%20table%20definition.xlsx	EU ETS Table definition
	WWW:LINK-1.0-http--link	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/ETC-CM%20EU-ETS%20data%20quality%20May2024.pdf	Data quality checks for the update of the EEA's EU ETS data viewer
	WWW:LINK-1.0-http--link	https://sdi.eea.europa.eu/catalogue/srv/api/records/559cabe9-e9db-432d-823f-f3a19e62a4f2/attachments/ETC-CM_EEA%20EU%20ETS%20data%20viewer%20background%20note_May2024.pdf	EU Emissions Trading System data viewer Background note
	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/data-and-maps/dashboards/emissions-trading-viewer-1	EU Emissions Trading System (ETS) data viewer

OnLine resource

No information provided.

Hierarchy level	Dataset
Statement	<p>See EU ETS data viewer manual (under direct download/documents) for methodology.</p> <p>This data set is mainly based on data extracted from the European Union Transaction Log (EUTL) on 1st July 2023. The EUTL checks and records all transactions taking place within the trading system.</p> <p>It is run by the European Commission. See: https://ec.europa.eu/clima/ets/ (https://ec.europa.eu/clima/ets/). The data set also includes information on auctions of allowances, compiled from auctioning platforms, as well as EEA estimates of ETS emissions for the period 2005 to 2012, to reflect the current scope of the ETS for the third trading period (2013–2020).</p>

Metadata

File identifier	559cabe9-e9db-432d-823f-f3a19e62a4f2 XML										
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Hierarchy level name	Tabular dataset										
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Metadata author	<table border="0"> <thead> <tr> <th>Organisation name</th> <th>Individual name</th> <th>Electronic mail address</th> <th>Website Role</th> </tr> </thead> <tbody> <tr> <td>European Environment Agency</td> <td></td> <td>sdi@eea.europa.eu</td> <td>Point of contact</td> </tr> </tbody> </table>	Organisation name	Individual name	Electronic mail address	Website Role	European Environment Agency		sdi@eea.europa.eu	Point of contact		
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European Environment Agency		sdi@eea.europa.eu	Point of contact								

Overviews

country	country_code	ETS information	main activity	sector name	unit	value	year
Austria	AT	1.1 Freely allocated allowances	32	Manufacture of ceramics	tonne of CO2 equ.	498797	2005
Austria	AT	1.1 Freely allocated allowances	32	Manufacture of ceramics	tonne of CO2 equ.	383157	2013
Austria	AT	1.1 Freely allocated allowances	32	Manufacture of ceramics	tonne of CO2 equ.	351210	2017
Austria	AT	1.1 Freely allocated allowances	32	Manufacture of ceramics	tonne of CO2 equ.	335835	2018
Austria	AT	1.1 Freely allocated allowances	32	Manufacture of ceramics	tonne of CO2 equ.	299741	2021
Austria	AT	1.1 Freely allocated allowances	32	Manufacture of ceramics	tonne of CO2 equ.	299479	2022
Austria	AT	1.1.1 Free allocation to existing entities (Art. 10a(1))	32	Manufacture of ceramics	tonne of CO2 equ.	481340	2011
Austria	AT	1.1.1.1 Free allocation to existing entities (Art. 10a(1))	32	Manufacture of ceramics	tonne of CO2 equ.	478462	2012
Austria	AT	1.1.2 Free allocation from the new entrants reserve (Art. 10a(7))	32	Manufacture of ceramics	tonne of CO2 equ.	0	2017
Austria	AT	1.1.2 Free allocation from the new entrants reserve (Art. 10a(7))	32	Manufacture of ceramics	tonne of CO2 equ.	0	2018
Austria	AT	1.1.2 Free allocation from the new entrants reserve (Art. 10a(7))	32	Manufacture of ceramics	tonne of CO2 equ.	0	2021
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	32	Manufacture of ceramics	tonne of CO2 equ.	0	2016
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	32	Manufacture of ceramics	tonne of CO2 equ.	0	2020
Austria	AT	2. Verified emissions	32	Manufacture of ceramics	tonne of CO2 equ.	467168	2007
Austria	AT	2. Verified emissions	32	Manufacture of ceramics	tonne of CO2 equ.	419328	2008
Austria	AT	2.1 EU-ETS Verified Emission	32	Manufacture of ceramics	tonne of CO2 equ.	390861	2011
Austria	AT	2.1 EU-ETS Verified Emission	32	Manufacture of ceramics	tonne of CO2 equ.	366540	2012
Austria	AT	4.1 Surrendered EU allowances (EUAs and EUAs)	32	Manufacture of ceramics	tonne of CO2 equ.	454992	2006
Austria	AT	4.2 Surrendered certified emission reductions (CERs)	32	Manufacture of ceramics	tonne of CO2 equ.	33140	2009
Austria	AT	1.1.2 Free allocation from the new entrants reserve (Art. 10a(7))	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	706	2015
Austria	AT	1.1.2 Free allocation from the new entrants reserve (Art. 10a(7))	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	642	2020
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	0	2017
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	0	2018
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	0	2021
Austria	AT	2. Verified emissions	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	49774	2013
Austria	AT	2. Verified emissions	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	49487	2014
Austria	AT	2. Verified emissions	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	48752	2015
Austria	AT	2.1 EU-ETS Verified Emission	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	52425	2019
Austria	AT	4. Total surrendered units	34	Production or processing of gypsum or plasterboard	tonne of CO2 equ.	54123	2020
Austria	AT	2. Verified emissions	35	Production of pulp	tonne of CO2 equ.	401311	2020
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	440348	2014
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	438474	2015
Austria	AT	4. Total surrendered units	35	Production of pulp	tonne of CO2 equ.	505154	2007
Austria	AT	4. Total surrendered units	35	Production of pulp	tonne of CO2 equ.	494057	2008
Austria	AT	4. Total surrendered units	35	Production of pulp	tonne of CO2 equ.	426044	2010
Austria	AT	4. Total surrendered units	35	Production of pulp	tonne of CO2 equ.	491698	2017
Austria	AT	4. Total surrendered units	35	Production of pulp	tonne of CO2 equ.	417269	2021
Austria	AT	4.1 Surrendered EU allowances (EUAs and EUAs)	35	Production of pulp	tonne of CO2 equ.	384450	2011
Austria	AT	4.3 Surrendered emission reduction units (ERUs)	35	Production of pulp	tonne of CO2 equ.	0	2006
Austria	AT	1.1 Freely allocated allowances	36	Production of paper or cardboard	tonne of CO2 equ.	1778026	2007
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	36	Production of paper or cardboard	tonne of CO2 equ.	0	2013
Austria	AT	1.1 Freely allocated allowances	35	Production of pulp	tonne of CO2 equ.	661812	2005
Austria	AT	1.1 Freely allocated allowances	35	Production of pulp	tonne of CO2 equ.	545804	2013
Austria	AT	1.1 Freely allocated allowances	35	Production of pulp	tonne of CO2 equ.	554763	2014
Austria	AT	1.1 Freely allocated allowances	35	Production of pulp	tonne of CO2 equ.	513128	2018
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	35	Production of pulp	tonne of CO2 equ.	0	2016
Austria	AT	1.1.3 Free allocation for modernisation of electricity generation (Art. 10c)	35	Production of pulp	tonne of CO2 equ.	0	2020
Austria	AT	2. Verified emissions	35	Production of pulp	tonne of CO2 equ.	411738	2011
Austria	AT	2. Verified emissions	35	Production of pulp	tonne of CO2 equ.	394728	2012
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	554505	2005
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	381469	2013
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	491698	2017
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	485166	2018
Austria	AT	2.1 EU-ETS Verified Emission	35	Production of pulp	tonne of CO2 equ.	417269	2021
Austria	AT	4.1 Surrendered EU allowances (EUAs and EUAs)	35	Production of pulp	tonne of CO2 equ.	558969	2006
Austria	AT	4.1 Surrendered EU allowances (EUAs and EUAs)	35	Production of pulp	tonne of CO2 equ.	399175	2009

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