



European Union Emissions Trading System (EU ETS) data from the Union Registry, Apr. 2026

This is the metadata for the EU Emission Trading System (EU ETS). EU ETS aims to reduce greenhouse gas emissions cost-effectively by setting a cap on the total amount of emissions from covered sectors. These sectors include power and heat generation, energy-intensive industries aviation and shipping within the European Economic Area. Under the system, companies receive or purchase emission allowances, each permitting the release of one tonne of CO or equivalent gases. Businesses can trade these allowances, creating a financial incentive to reduce emissions. If a company emits less than its allowance, it can sell the surplus; if it exceeds the cap, it must buy more or face penalties. The cap is reduced annually, ensuring a steady decline in emissions over time. The system has gone through several phases, with the current Phase 4 running from 2021 to 2030. It also supports innovation and investment in low-carbon technologies through dedicated funds. Overall, the EU ETS plays a key role in helping the EU reach its climate neutrality goal by 2050.

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 Union Registry. Additional information on auctioning and scope corrections is included.

Simple

Identification info

Date (Creation)	2026-04-01T12:24:36+00:00				
Date (Publication)	2026-04-16T12:24:36+00:00				
Edition	01.00				
Citation identifier	eea_t_eu-emission-trading-scheme_p_2005-2025_v01_r00				
Citation identifier	european-union-emissions-trading-scheme-17				
Citation identifier	DAT-21-en				
Point of contact	Organisation	Individual	Electronic mail address	Website	Role
	OEKO				Point of contact
	European Environment Agency				Point of contact
	European Environment Agency			http://www.eea.europa.eu/#organization	Publisher
	European Topic Centre on Climate change mitigation (ETC/CM)			http://acm.eionet.europa.eu	Processor
Topic category	<ul style="list-style-type: none"> Environment 				
Extent					
Temporal extent					
Time period	2005-01-01 2025-12-31				
Maintenance and update frequency	Annually				
EEA topics	<ul style="list-style-type: none"> Energy Industry Climate mitigation 				
GEMET	<ul style="list-style-type: none"> climate policy climate 				

[Continents, countries, sea regions of the world.](#)

- Lithuania
- Romania
- Netherlands
- Malta
- Sweden
- Estonia
- Germany
- Norway
- Luxembourg
- Italy
- Greece
- Austria
- Bulgaria
- Portugal
- Poland
- Slovenia
- Liechtenstein
- Ireland
- Finland
- Croatia
- Slovakia
- Czechia
- Denmark
- Cyprus
- Iceland
- Hungary
- Latvia
- Spain
- France
- Northern Ireland
- Belgium

Resource constraints

Use limitation	License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: European Commission, European Environment Agency (EEA).
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Resource constraints

Access constraints	Other restrictions
Other constraints	No limitations to public access

Associated resource

Association Type	Cross reference
Metadata Reference	<ul style="list-style-type: none">• ./././proxy?url=https%3A%2F%2Fwww.eionet.europa.eu%2Fetcs%2Fetcs-cm%2Fproducts%2Fetcs-cm-report-2024-09

Associated resource

Association Type	Cross reference
Metadata Reference	<ul style="list-style-type: none">• https://www.eea.europa.eu/en/analysis/publications/trends-and-projections-in-europe-2024

Language	English
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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>
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Distribution Information

Distribution format	<ul style="list-style-type: none"> • ascii (.csv, .txt, .sql)
OnLine resource	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_eu-emission-trading-scheme_p_2005-2025_v01_r00
OnLine resource	Direct download
OnLine resource	EU Emissions Trading System (ETS) data viewer
OnLine resource	Greenhouse gas emissions under the EU Emissions Trading System EEA Indicator
OnLine resource	Use of auctioning revenues generated under the EU Emissions Trading System EEA Indicator
OnLine resource	Mapping of activity codes

Resource lineage

Statement	<p>See EU ETS data viewer manual (under direct download/documents) for methodology.</p> <p>This data set is mainly based on data downloaded from the Union Registry public website on 9th April 2026. The Union Registry 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 202, to reflect the current scope of the ETS for the fourth trading period (2021-2030).</p>
Hierarchy level	Dataset

Metadata

Metadata identifier	24567358-d375-4dff-87d7-d9943c68f5e0		
Language	English		
Character encoding	UTF8		
Contact	<p>Organisation</p> <p>European Environment Agency</p>	<p>Individual</p>	<p>Electronic mail address</p> <p>sdi@eea.europa.eu</p> <p>Website Role</p> <p>Point of contact</p>

Type of resource

Resource type	Non geographic dataset
Name	Tabular dataset

Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/24567358-d375-4dff-87d7-d9943c68f5e0?language=all
Date info (Creation)	2026-04-16T07:44:05.662862Z
Date info (Revision)	2026-04-16T14:09:05.759995Z

Metadata standard

Title	ISO 19115-3:2018
Edition	1.0

Overviews

version	country_code	main_activity_code	active_installation	citl_information	year	size	value	unit
80	AT	10	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	0	units
80	AT	20	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	14362552	units
80	AT	20-99	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	32412654	units
80	AT	21	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	2720740	units
80	AT	21-99	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	18050102	units
80	AT	22	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	1330079	units
80	AT	24	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	6869261	units
80	AT	29	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	2755179	units
80	AT	30	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	1320288	units
80	AT	31	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	215476	units
80	AT	32	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	498797	units
80	AT	35	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	661812	units
80	AT	36	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	1596970	units
80	AT	42	all entities	1. Total allocated allowances (EUA or EUAA)	2005	All sizes	81500	units
80	AT	10	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	0	units
80	AT	20	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	14362552	units
80	AT	20-99	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	32649366	units
80	AT	21	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	2720740	units
80	AT	21-99	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	18286814	units
80	AT	22	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	1330079	units
80	AT	24	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	6869261	units
80	AT	29	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	2810835	units
80	AT	30	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	1320288	units
80	AT	31	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	215476	units
80	AT	32	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	498797	units
80	AT	35	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	661812	units
80	AT	36	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	1778026	units
80	AT	42	all entities	1. Total allocated allowances (EUA or EUAA)	2006	All sizes	81500	units
80	AT	10	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	0	units
80	AT	20	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	14442475	units
80	AT	20-99	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	32729289	units
80	AT	21	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	2720740	units
80	AT	21-99	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	18286814	units
80	AT	22	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	1330079	units
80	AT	24	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	6869261	units
80	AT	29	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	2810835	units
80	AT	30	all entities	1. Total allocated allowances (EUA or EUAA)	2007	All sizes	1320288	units

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