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REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT,
URBANIZATION AND CLIMATE CHANGE

Promoting Enhanced EU ETS Alignment in Türkiye's Emerging ETS

This activity is part of the European Union Climate Dialogues Project (EUCDs)

Ensuring data flow in published reports on the functioning of the European carbon market

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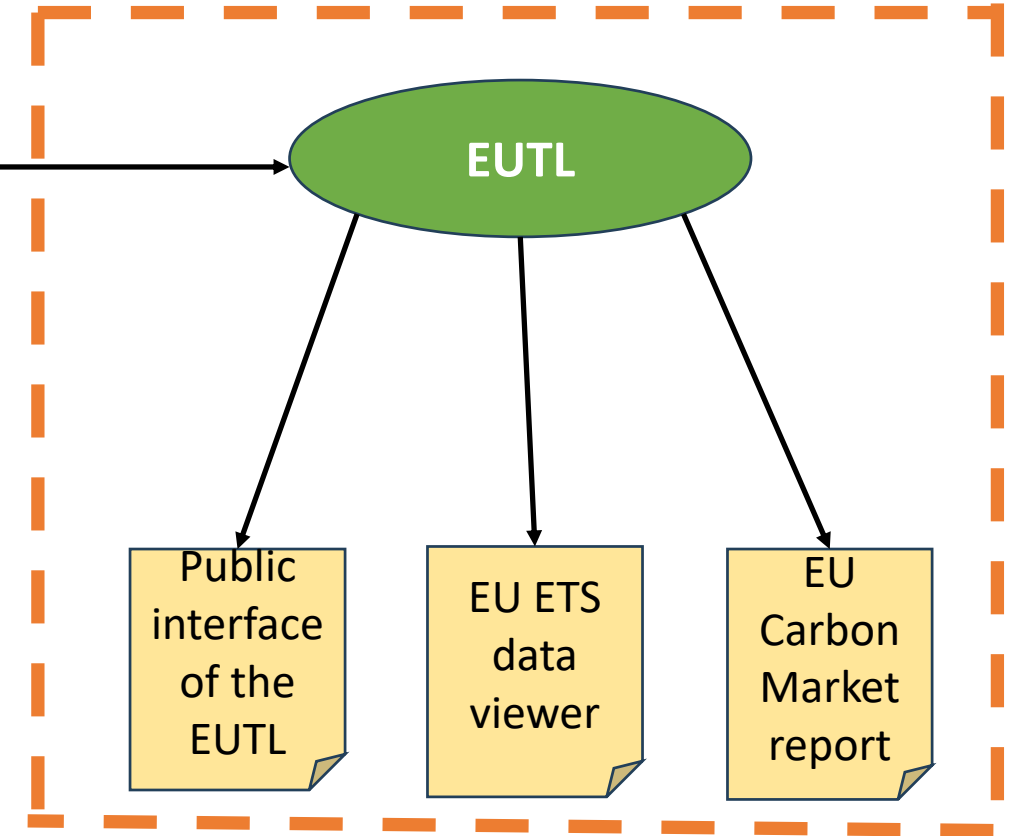
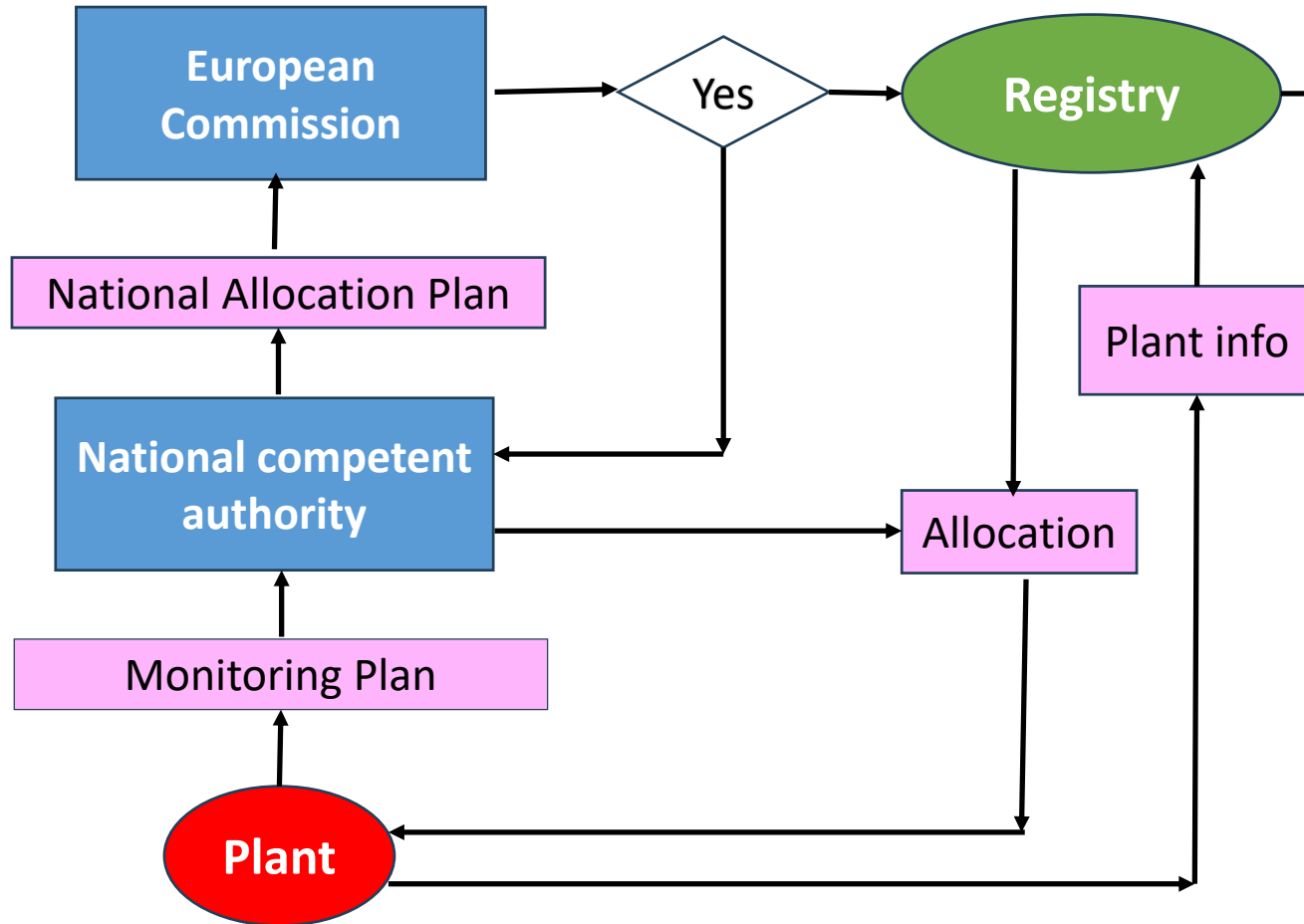


Outline

- EU ETS data processing
- European Unit Transaction Log ([EUTL](#))
- EU ETS [data viewer](#)
- Commission [report](#) on the functioning of the European carbon market



EU ETS data processing



EU ETS data flow for public information



European Unit Transaction Log (EUTL)

- The main source of information on the EU ETS system is the European Union Transaction Log (EUTL)
- The EUTL is the successor of the Community Independent Transaction Log (CITL), which had a similar role before 1st January 2013, when the Union Registry was introduced.

What is a transaction log?

A transaction log links ETS registries. It allows and verifies the transfer of allowances and credits between registries. Specifically, a transaction log:

- forwards requested transfer to the acquiring registry
- checks the validity of requested transfers
- checks the proper recording of a transfer in the providing and acquiring registries accounts and thereby guarantees the completion of the transfer
- performs regular comparisons to ensure that the transaction data in the transaction log matches the data in each registry; any inconsistencies are identified so that manual interventions can immediately resolve them

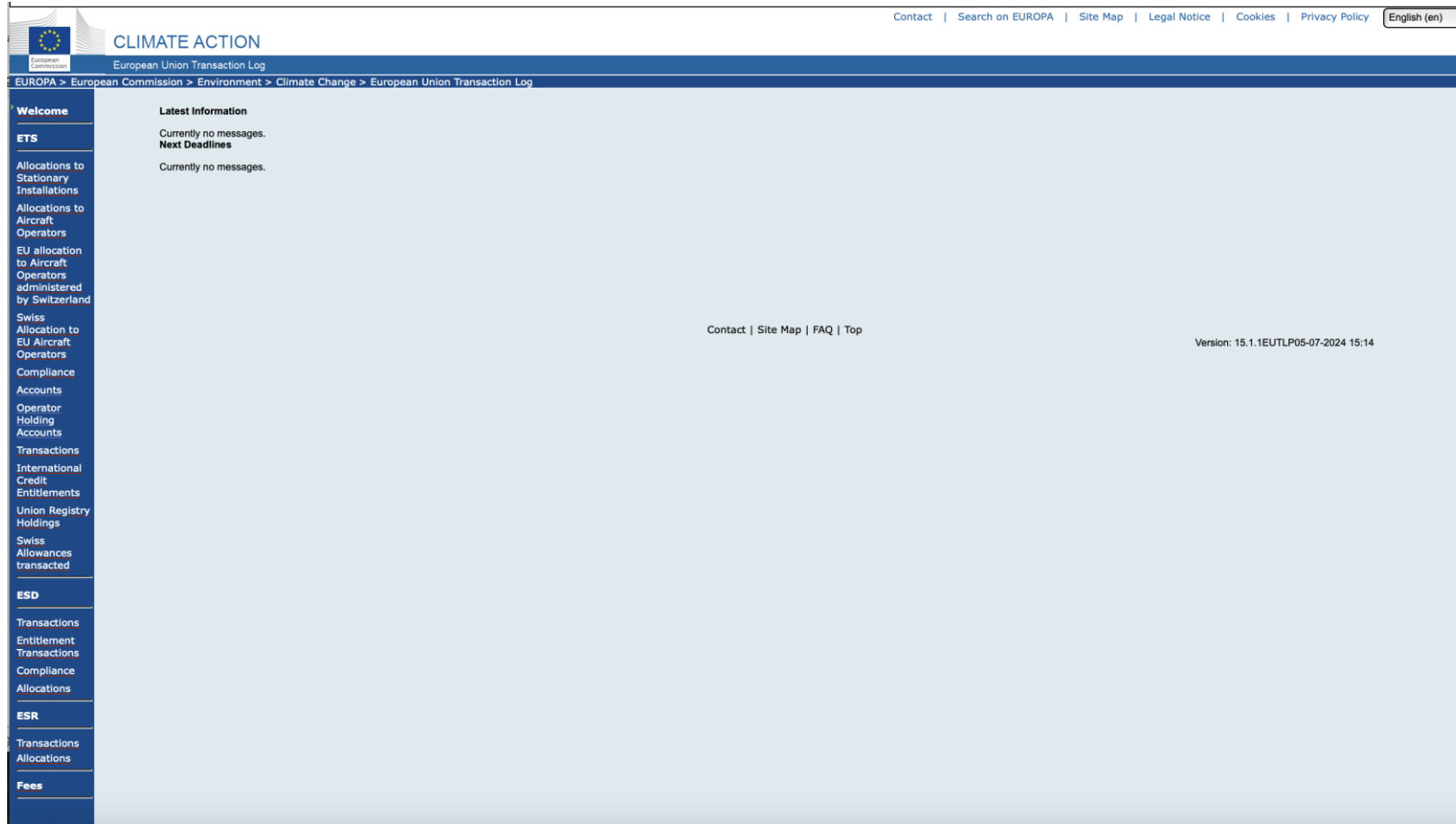


What is the EUTL?

- The EUTL, which is run by the European Commission, checks and records all transactions carried out under the EU ETS.
- It also contains information on each entity covered by the system, including its main activity type, the quantity of allocated allowances and verified emissions on an annual basis. However, the data is not easily accessible in a user-friendly format.



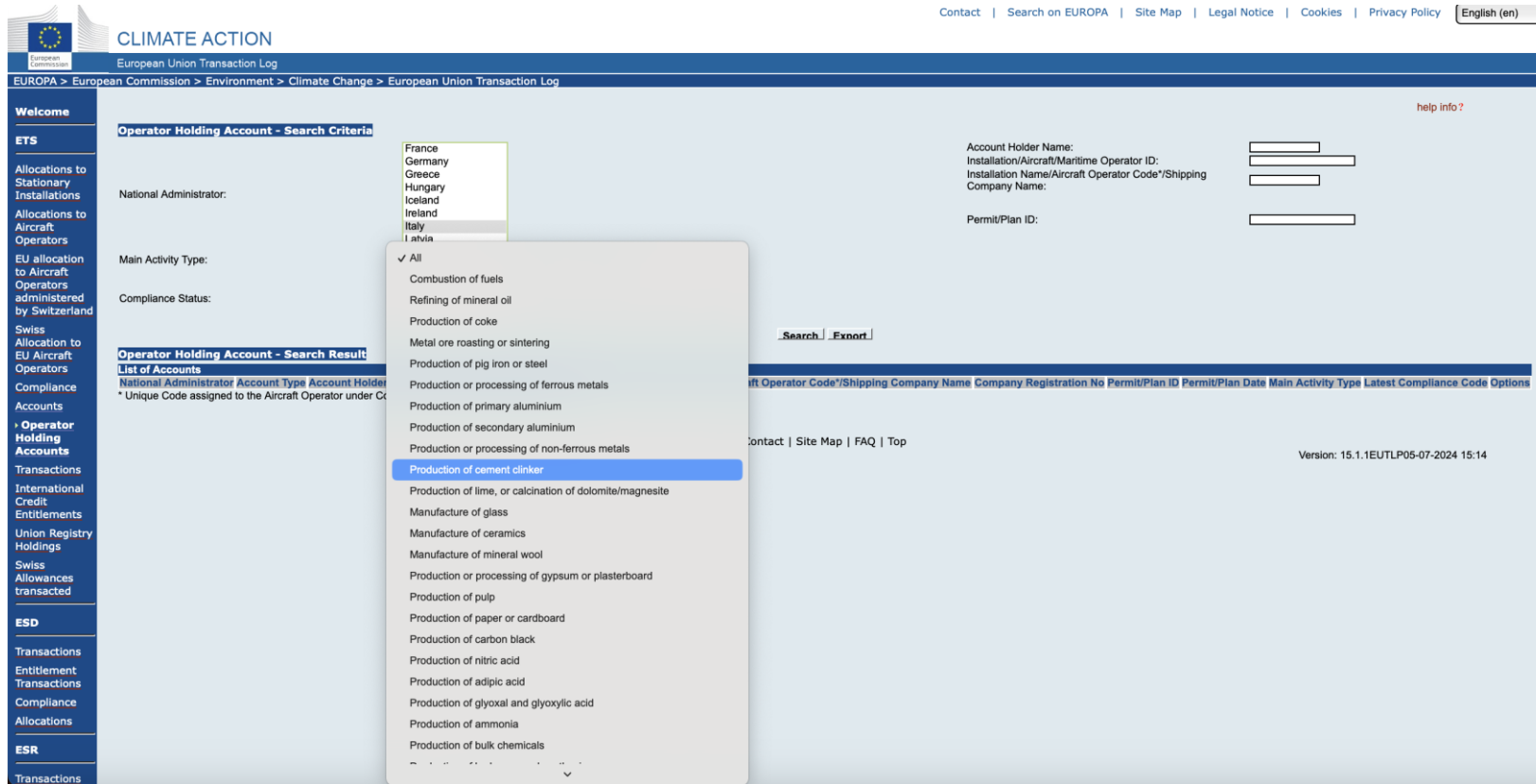
Public interface of the EUTL



The EUTL public interface allows to consult data on the ETS, on the Effort Sharing Directive (ESD), on the Effort Sharing Regulation (ESR) and on fees charged by Member States for the accounts in the Union registry.



Available information on the public interface



- Allocations to Stationary Installations
- Allocations to Aircraft Operators
- EU allocation to Aircraft Operators administered by Switzerland
- Swiss Allocation to EU Aircraft Operators
- Compliance
- Accounts
- Operator Holding Accounts
- Transactions
- International Credit Entitlements
- Union Registry Holdings
- Swiss Allowances transacted



Operator Holding Accounts: production of clinker

CLIMATE ACTION
European Union Transaction Log

EUROPA > European Commission > Environment > Climate Change > European Union Transaction Log

Welcome [help info?](#)

Operator Holding Account - Search Criteria

National Administrator:

Account Holder Name:
 Installation/Aircraft/Maritime Operator ID:
 Installation Name/Aircraft Operator Code*/Shipping Company Name:
 Permit/Plan ID:

Main Activity Type:

Compliance Status:

[.Search](#) | [.Export](#)

Operator Holding Account - Search Result

List of Accounts

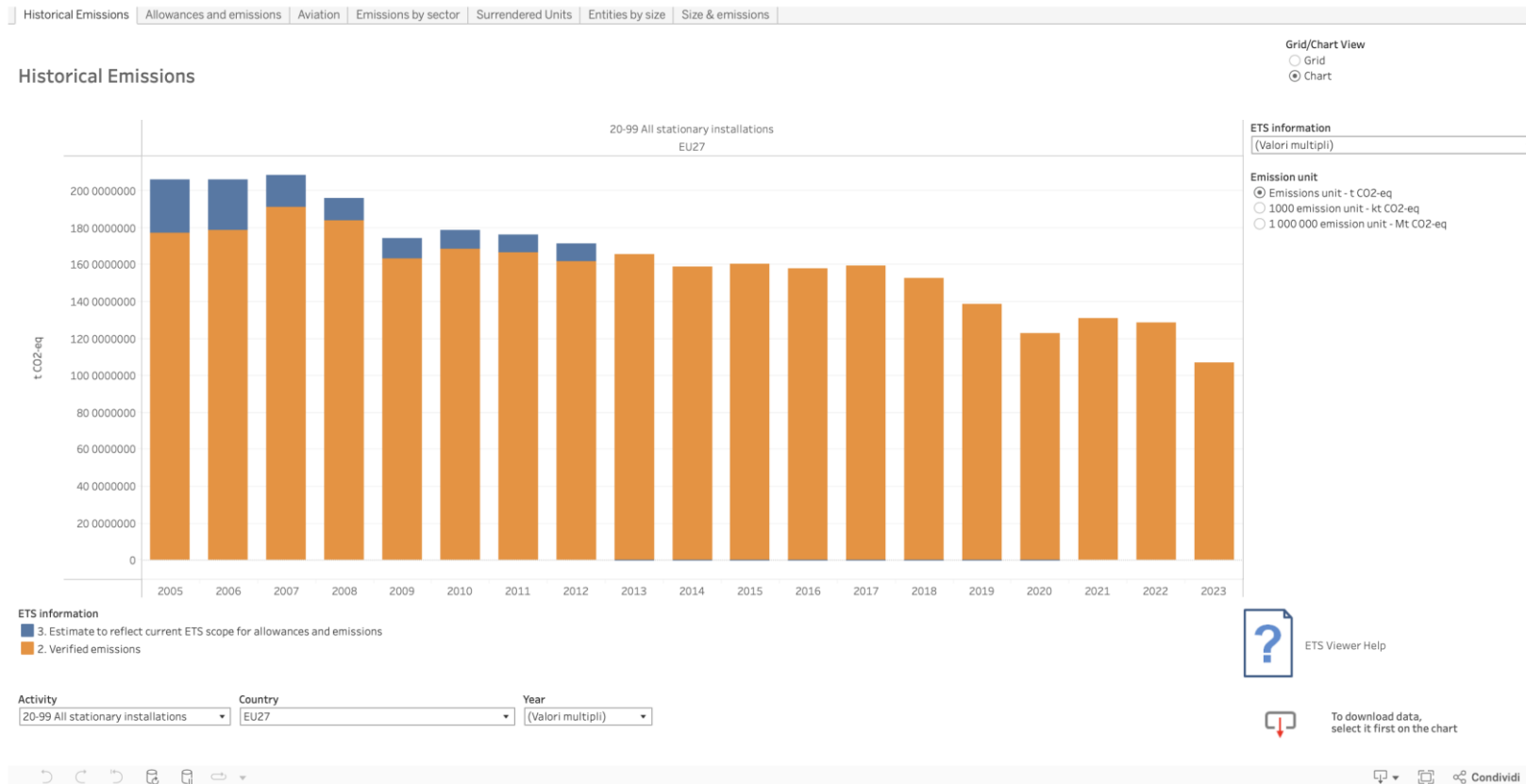
National Administrator	Account Type	Account Holder Name	Installation/Aircraft/Maritime Operator ID	Installation Name/Aircraft Operator Code*/Shipping Company Name	Company Registration No	Permit/Plan ID	Permit/Plan Date	Main Activity Type	Latest Compliance Code	Options
Italy	Operator Holding Account	HOLCIM (ITALIA) SPA	104	UNITA' PRODUTTIVA DI MERONE	00835890153	IT-A-125	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	HOLCIM (ITALIA) SPA	97	UNITA' PRODUTTIVA DI TERNATE	00835890153	IT-A-118	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Industria Cementi Giovanni Rossi SpA	222	Cementeria di Fumane	00116670332	IT-A-270	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Industria Cementi Giovanni Rossi SpA	258	Cementeria di Pederobba	00116670332	IT-A-318	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Industria Cementi Giovanni Rossi SpA	310	Cementeria di Piacenza	00116670332	IT-A-390	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Heidelberg Materials Italia Cementi S.p.A.	139	Cementeria di Calusco d'Adda	00637110164	IT-A-167	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Heidelberg Materials Italia Cementi S.p.A.	173	Cementeria di Rezzato	00637110164	IT-A-211	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Heidelberg Materials Italia Cementi S.p.A.	209	Italcementi-Cementeria di Sarche di Calavino	00637110164	IT-A-254	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Heidelberg Materials Italia Cementi S.p.A.	440	Cementeria di Colleferro	00637110164	IT-A-688	2006-04-04	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	w&p Cementi SpA	254	Cementeria di Cadola	03338380284	IT-A-310	2006-04-13	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Buzzi Unicem S.r.l.	315	Cementeria di Vemasca	11983660157	IT-A-395	2006-04-13	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Buzzi Unicem S.r.l.	442	Cementeria di Guidonia	11983660157	IT-A-672	2006-04-13	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Buzzi Unicem S.r.l.	506	Cementeria di Barietta	11983660157	IT-A-750	2006-04-13	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Buzzi Unicem S.r.l.	555	Cementeria di Augusta	11983660157	IT-A-819	2006-04-13	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases
Italy	Operator Holding Account	Buzzi Unicem S.r.l.	567	Cementeria di Siniscola	11983660157	IT-A-831	2006-04-13	Production of cement clinker	A	Details - Current Phase Details - All Phases Details - Select Phases



EU ETS data viewer

- The European Environment Agency (EEA) and its European Topic Centre on Climate change mitigation (ETC/CM) have developed the EU ETS data viewer, a tool to facilitate access to the information contained in the EUTL, as well as relevant additional information related to the EU ETS
- The EEA's EU ETS data viewer aims to support governments, market players and other stakeholders in their assessment of the EU ETS
- The EU ETS data viewer is accessible on EEA website at:
<https://www.eea.europa.eu/data-and-maps/dashboards/emissions-trading-viewer-1>
- This viewer enables users to assess the data concerning stationary installations and aircraft operators and emissions contained in the EUTL by country or country grouping, activity, size and year. While entity-level data are available from the EUTL, the EU ETS data viewer provides aggregated data at national level

Historical verified emissions for stationary installations, 2005-2023





Data sources of the EU ETS data viewer

European Union Transaction Log (EUTL), extracted 1st July 2024:

- Allowances allocated free of charge (1.1, 1.1.1, 1.1.2 and 1.1.3)
- Verified emissions (2)
- Surrendered units (4, 4.1, 4.2 and 4.3)

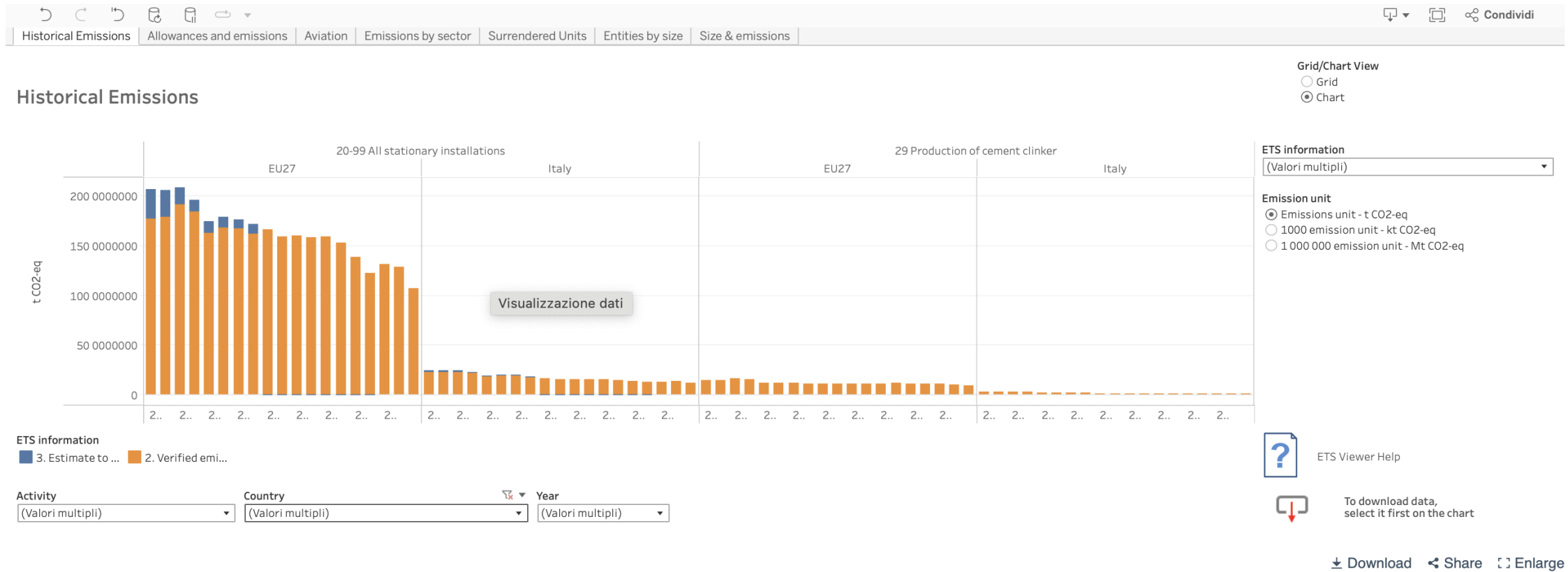
Data extracted at entity level, and aggregated at national level and by type of activity.

European Energy Exchange (EEX) and the Intercontinental Exchange (ICE):

- Allowances auctioned or sold (EUAs and EUAAs) (1.3)

Data based on auction calendars and auction results published by the auctioning platforms for emission allowances in the EU ETS.

Historical verified emissions for production from cement clinker, EU/Italy, 2005-2023



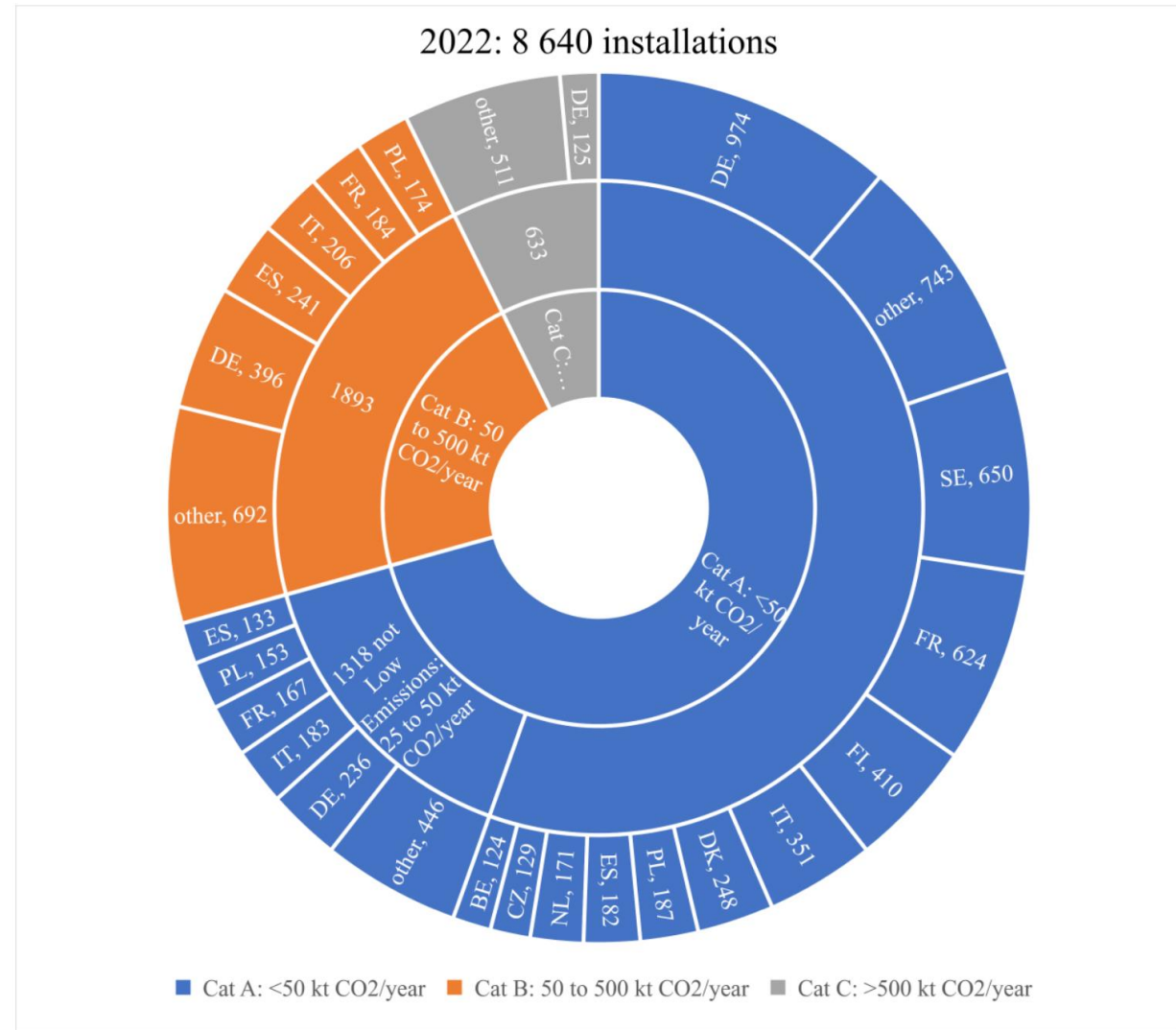


Commission report on the functioning of the European carbon market

- **The EU Carbon Market Report** describes developments in the functioning of the European carbon market, including on the implementation of auctions, free allocation, verified emissions, balancing supply and demand, market oversight and EU ETS infrastructure and compliance.
- The Commission publishes this report every year.
- It is based mostly on data from the Union Registry, the EU Transaction Log (EUTL) and reports submitted by Member States under Article 21 of the ETS Directive.



Number of installations in the EU ETS by level of emissions and by Member State in 2022



Annual EU ETS cap figures for installations and aircraft operators

Year	Annual cap (installations)	Annual cap (aviation)
2021	1 571 583 007	28 306 545
2022	1 528 579 492	27 268 379



Emissions cap in the EU ETS vs. verified emissions

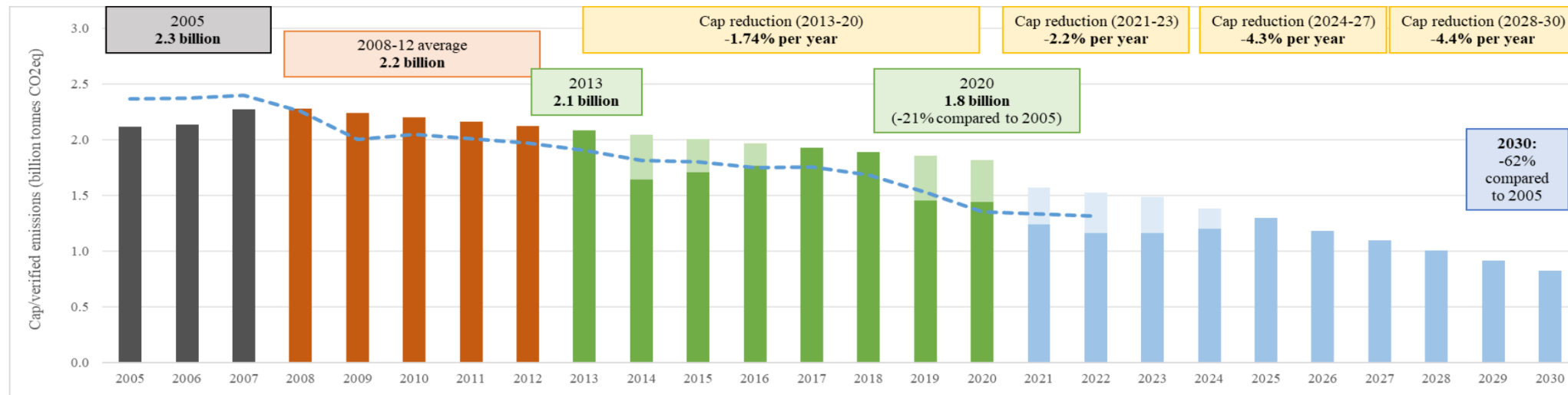


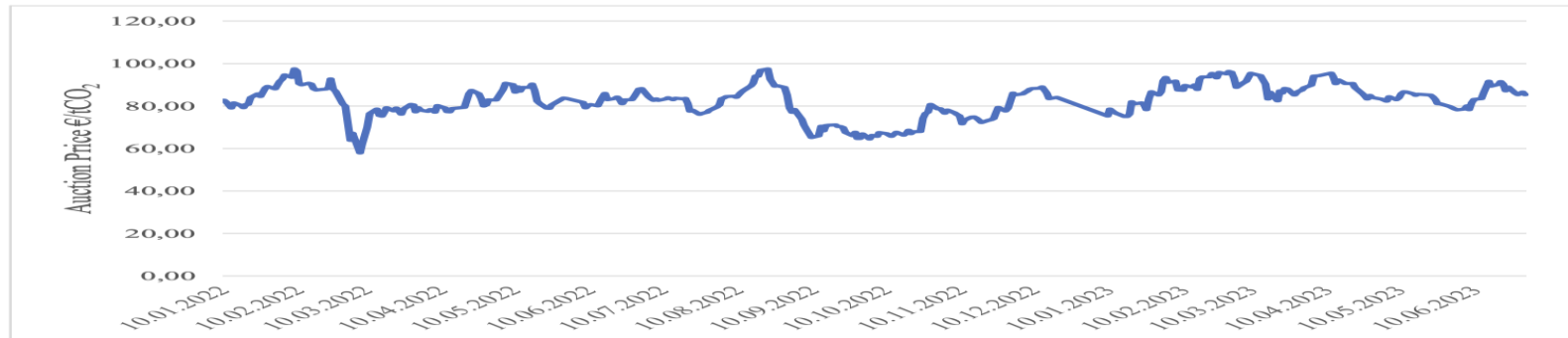
Figure 2: Emissions cap in the EU ETS compared with verified emissions (considering the 2023 revision of the ETS Directive, i.e. rebasing in 2024 and 2026, including the maritime transport sector in 2024 and the linear reduction factor of 4.3% in 2024-2027 and 4.4% from 2028). Aviation is not included. Due to changes in scope, the 2005-2007 figures are not directly comparable with the latest ones. From 2021, the EU ETS no longer covers installations in the UK, only electricity generators in Northern Ireland. Legend: bars (cap), light shaded bars in 2014-2016 (allowances backloaded from auctions), light shaded bars from 2019 (feeds of allowances to the Market Stability Reserve), dashed line (verified emissions).



Auctioning of allowances

Year	General allowances	Aviation allowances
2021	582 952 500	3 785 500
2022	482 389 000	3 698 000
2023 (until 30 June)	247 762 000	2 326 500

Total volumes of allowances auctioned (1 January 2021 to 30 June 2023)



Clearing prices in auctions of general allowances (1 January 2022 to 30 June 2023)

The EEX auction platform regularly publishes detailed results of each auction on its website. Further information on the performance of auctions, including the participation, cover ratios and prices, can be found in the ETS countries' auction report



Free allocation in 2021-2025 (million allowances)

Year	2021	2022	2023	2024	2025	Total
Initial free allocation (EU-27 + Iceland, Liechtenstein, and Norway)	559.6	558.9	558.2	557.5	556.8	2 791.1
Actual free allocation	545.9	543.0	539.2	538.4	537.7	2 704.1
Adjusted and corrected free allocation	-13.7	-15.9	-19.0	-19.1	-19.1	-87.0



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Thanks for your attention!

