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PRESS RELEASE

Carbon Market Data publishes the EU ETS Company Rankings 2020

London, 7 Oct 2021 - Carbon Market Data, a European company providing carbon market research and data supply services, published the rankings of companies included in the European Union's emissions trading scheme for the year 2020.

Based on Carbon Market Data's research, RWE, PGE (Polska Grupa Energetyczna) and EPH were the three biggest CO2 emitters of the EU emissions trading scheme (EU ETS) during the year 2020. RWE, PGE and EPH emitted in 2020 respectively 68 MtCO2, 57 MtCO2 and 46 MtCO2. These figures are calculated at group level, taking into account both minority and majority stakeholdings in other companies included in the EU emissions trading scheme.

In the table below are shown for the year 2020 the freely distributed carbon allowances and the CO2 emissions of these three companies.

Table 1: EU ETS Company Emissions Ranking (Mt CO2)

company	free allowances 2020	verified emissions 2020
RWE	1.2	68.2
PGE	0.8	57.5
EPH	0.7	46

RWE's CO2 emissions fell by 24% year-on-year (or in absolute figure, 22 MtCO2, which represents, in terms of scale, more than the total EU ETS emissions of Finland in 2020).

PGE, the largest Polish energy group, saw its emissions slightly down by 1.1 MtCO2 in 2020. PGE, which used to be the company receiving by far the largest quantity of transitional EU allowances in the EU ETS scheme (11.5 million transitional EUAs in 2019), received in 2020 only 0.8 million free EUAs (transitional EUAs were no more distributed in 2020 across the scheme).

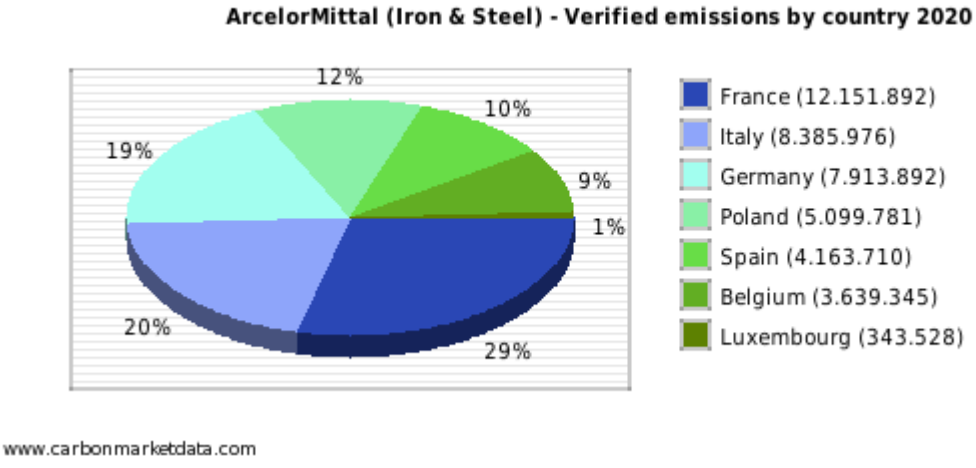
Companies with the highest carbon allowance surplus

In 2020, the three companies with the highest surplus of freely allocated EU carbon allowances (EUAs) were three steel makers: ArcelorMittal (11.2 million EUAs surplus), Tata Steel (3.8 million EUAs surplus) and Liberty House Group (3.3 million EUAs surplus).

Table 2: EU ETS Companies with highest carbon allowance surplus in 2020

company	sector	free allowances 2020 (M)	verified emissions 2020 (MtCO2)	emissions-to-cap (=E-C) 2020 (M)
ArcelorMittal	Steel	53	41.8	-11.2
Tata Steel	Steel	16	12.2	-3.8
Liberty House Group	Steel	10.5	7.2	-3.3

ArcelorMittal, the world's largest steel producer, recently announced plans to reduce carbon emissions by 25% by 2030, as part of a wider net-zero ambition for 2050. To achieve these objectives, the Indian steel giant will invest into a range of low-carbon solutions including hydrogen and biomass.



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Companies with the largest shortage of free carbon allowances

Unsurprisingly, the three companies having in 2020 the highest shortage of free EU carbon allowances are all involved in the electricity generation business. These companies are RWE (shortage of 67 Mt), PGE (57 Mt) and EPH (45 Mt).

At current EUA price of 63.4 Euros, RWE's shortage represents a value of 4.2 billion Euros, while PGE and EPH's shortages amount respectively to a carbon permit value of 3.6 bn Euros and 2.9 bn Euros.

About Carbon Market Data

Carbon Market Data is a carbon market research company and data vendor offering information, consulting and technology services to a wide range of organisations in the world.

Carbon Market Data developed the EU ETS Company Database, a unique and innovative carbon disclosure solution.

The EU ETS Company Database is a corporate carbon tracking tool that provides the following strategic information on 1,000 companies included in the EU emissions trading scheme:

CO2 verified emissions
Allocated allowances
Transitional allowances
NER allowances
CERs surrendered
ERUs surrendered
Emissions-to-cap figures
List of installations
List of parent companies
List of subsidiaries
List of underlying CDM-JI projects
Sector of activity
Contact details

A Demo version of the EU ETS Company Database is accessible online at http://www.carbonmarketdata.com .

Note for journalists :

All data and graphs shown in this document are **available for free for publication** by any newspaper, magazine and information provider (electronically or on paper). Please state the source of the data - Carbon Market Data - together with the website address https://www.carbonmarketdata.com next to the graphs used and within the article.

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