

## PRESS RELEASE

### **Carbon Market Data publishes key figures on the European emissions trading scheme for the year 2012**

London, 3 April 2013 - Carbon Market Data, a European company providing carbon market research and IT services, issued a data summary on the recent release of the EU Emissions Trading Scheme's 2012 verified emissions reports.

Based on Carbon Market Data calculations, the EU emissions trading scheme (EU ETS) installations were **long by 164 Mt** in 2012 (they emitted 164 million tonnes CO<sub>2</sub> less than their number of freely received carbon allowances). This figure is derived from the verified emissions data submitted so far by 95% (in volume) of the 11,300 installations currently included in the trading scheme. It shows that EU ETS installations emitted – in total – **8%** less CO<sub>2</sub> than the number of allowances they received for free.

These figures include the 27 EU countries except Bulgaria and Cyprus.

These figures do not include either so-called “new entrant reserves” allowances, which are distributed for free to new installations and to installations expanding the volume or the nature of their activities.

In 2012, EU countries allocated to their installations a total of **2,034 million allowances** (an allowance is a permit to emit one tonne of carbon dioxide). Verified emissions data submitted so far show that these installations emitted during the same period **1,786 MtCO<sub>2</sub>**. This represents an average decrease in CO<sub>2</sub> emissions of **1.4%** per installation in 2012 over 2011 (this figure takes into account only the installations that have submitted their emissions report).

This decrease in CO<sub>2</sub> emissions was expected by most analysts and may be due to the economic stagnation in Europe combined with the effect of energy efficiency and renewable energy policies, despite low coal and carbon prices.

In 2012, only two countries allocated to their installations – in aggregate - less free allowances than they emitted: Germany (29 Mt) and the United Kingdom (2.5 Mt).

All the other countries allocated to their installations more allowances than the amount of carbon emitted in 2012. Romania (-26 Mt), France (-25 Mt), the Czech Republic (-17 Mt), Spain (-17 Mt), and Poland (-16 Mt) are topping the list of countries with a surplus in EU carbon allowances.

In terms of emissions evolution between 2012 and 2011, nine countries saw an increase of their CO2 emissions. Malta (+7.5%), Ireland (+7%) and the UK (+4.7%) experienced the highest increases in CO2 emissions.

Countries that saw a decrease in their CO2 emissions in 2012 are topped by Northern European countries: Finland (-15%), Denmark (-15%), Estonia (-8.5%) and Sweden (-8.3%). Finland and Denmark had made exactly the same performance last year, i.e. these two countries reduced their CO2 emissions by nearly 30% from 2010 to 2012.

The table shown in the following page displays the list of the 20 largest CO2 emitting installations in 2012 in the European emissions trading scheme (excl. Bulgaria).

The total emissions of these 20 installations amount to 316 MtCO<sub>2</sub>, for a combined shortage of 107 million free carbon allowances.

**List of the 20 largest CO2 emitting installations in EU ETS for the year 2012 (excl. Bulgaria)**

	installation	country	activity	account holder	verified emissions 2012	free allowances 2012	emissions-to-cap (=E-C) 2012
1	PGE GiEK S.A. - Elektrownia Bełchatów	Poland	Power & heat	PGE Górnictwo i Energetyka Konwencjonalna S.A.	35 193 844	31 749 901	3 443 943
2	Kraftwerk Neurath	Germany	Power & heat	RWE Power Aktiengesellschaft	31 227 456	19 157 544	12 069 912
3	Kraftwerk Niederaußem	Germany	Power & heat	RWE Power Aktiengesellschaft	27 918 882	15 129 610	12 789 272
4	Kraftwerk Jämschwalde	Germany	Power & heat	Vattenfall Europe Generation AG	24 424 241	12 259 377	12 164 864
5	Drax Power Station	United Kingdom	Power & heat	Drax Power Ltd	22 694 684	9 501 265	13 193 419
6	Kraftwerk Weisweiler	Germany	Power & heat	RWE Power Aktiengesellschaft	20 043 027	10 654 776	9 388 251
7	DEH S.A. TPS AGIOS DIMITRIOS	Greece	Power & heat	ΑΕ ΔΕΗ	14 732 181	11 049 784	3 682 397
8	Kraftwerk Schwarze Pumpe	Germany	Power & heat	Vattenfall Europe Generation AG	12 524 246	8 094 410	4 429 836
9	CENTRALE TERMOELETRICA DI BRINDISI SUD	Italy	Power & heat	ENEL PRODUZIONE S.p.A.	12 171 525	8 572 422	3 599 103
10	ArcelorMittal Atlantique et Lorraine - Dunkerque	France	Iron & Steel	ArcelorMittal	11 229 769	11 863 923	- 634 154
11	PGE GiEK S.A. Oddział Elektrownia Turów	Poland	Power & heat	PGE Górnictwo i Energetyka Konwencjonalna S.A.	10 900 042	11 158 636	- 258 594
12	West Burton Power Station	United Kingdom	Power & heat	EDF Energy (West Burton Power) Limited	10 780 107	4 859 463	5 920 644
13	Kraftwerk Lippendorf	Germany	Power & heat	Vattenfall Europe Generation AG	10 762 080	8 584 197	2 177 883
14	DEH S.A. TPS KARDIA	Greece	Power & heat	ΑΕ ΔΕΗ	10 635 171	8 409 379	2 225 792
15	CENTRALE TERMOELETRICA DI TORREVALDALIGA NORD	Italy	Power & heat	ENEL PRODUZIONE S.p.A.	10 426 118	-	10 426 118
16	ILVA S.P.A. - Stabilimento di Taranto	Italy	Iron & Steel	ILVA S.P.A.	10 254 594	13 255 657	- 3 001 063
17	Eggborough Power Station	United Kingdom	Power & heat	Eggborough Power Ltd	10 222 778	4 744 518	5 478 260
18	Ratcliffe on Soar power station	United Kingdom	Power & heat	E.ON UK Plc	9 998 425	4 942 615	5 055 810
19	ENEA WYTWARZANIE S.A.	Poland	Power & heat	ENEA WYTWARZANIE S.A.	9 925 556	9 636 619	288 937
20	Cottam Power Station	United Kingdom	Power & heat	EDF Energy (Cottam Power) Limited	9 889 284	4 891 256	4 998 028
					<b>315 954 010</b>	<b>208 515 352</b>	<b>107 438 658</b>

source: [www.carbonmarketdata.com](http://www.carbonmarketdata.com)

### *Aviation sector*

The aviation sector entered the EU emissions trading scheme on 1 January 2012. Therefore, airline companies participating to the programme have for the first time reported their verified emissions.

The table below displays the list of the 15 biggest CO2 emitting airlines of the international scheme (provisional data).

**List of the 15 biggest CO2 emitting airlines in EU ETS (2012 - provisional data)**

	aircraft operator	state of operator	verified emissions 2012	free allowances 2012	emissions-to-cap (=E-C) 2012
1	Ryanair Limited	Ireland	7 456 718	5 560 944	1 895 774
2	Deutsche Lufthansa AG	Germany	4 932 287	12 563 128	- 7 630 841
3	EasyJet Airline Company Ltd	United Kingdom	4 610 751	3 697 330	913 421
4	BRITISH AIRWAYS PLC	United Kingdom	2 543 550	10 343 937	- 7 800 387
5	Thomson Airways Limited	United Kingdom	2 279 317	2 364 253	- 84 936
6	ALITALIA C.A.I. SPA	Italy	1 901 994	2 837 851	- 935 857
7	KLM	Netherlands	1 891 413	7 897 037	- 6 005 624
8	Korean Air Lines Co., Ltd	Korea, Republic Of	1 859 876	2 051 522	- 191 646
9	Thomas Cook Airlines Ltd	United Kingdom	1 456 459	1 961 054	- 504 595
10	Aer Lingus Limited	Ireland	1 443 585	1 161 812	281 773
11	Vueling Airlines SA	Spain	1 264 582	721 536	543 046
12	Lufthansa Cargo AG	Germany	1 256 311	2 008 504	- 752 193
13	SWISS INTERNATIONAL AIR LINES LTD	Switzerland	1 228 129	599 094	629 035
14	IBERIA LAE SA OPERADORA SU	Spain	1 196 146	4 558 406	- 3 362 260
15	Monarch Airlines Limited	United Kingdom	1 091 893	1 046 529	45 364

source: [www.carbonmarketdata.com](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 <http://www.carbonmarketdata.com> next to the graphs used and within the article.

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