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# AUCTIONS BY THE TRANSITIONAL COMMON AUCTION PLATFORM

The world's largest auctioning of emissions allowances

August 2014

# Auctions by the transitional common auction platform

## August 2014

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**Auction platform:** European Energy Exchange (EEX)

**Auction dates/reporting period:**

4, 5, 7, 11, 12, 14, 18, 19, 21, 25, 26, 28 August 2014

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In 2013, more than 40% of allowances allocated under the EU ETS have been auctioned instead of being allocated free of charge. Auctioning emission allowances at that scale is unprecedented and delivers valuable experience for auction design in other carbon markets and for other environmental assets.

Auctioning is the most transparent method of allocating allowances and puts into practice the principle that the polluter should pay. With some limited exceptions, from 2013 electricity generators must buy all their allowances: experience shows that they have been able to pass on the notional cost of allowances to customers even when they received them for free.

Most of the allowances to be auctioned are allocated to States on the basis of their historical share of emissions from EU ETS installations. Ten per cent are allocated to the least wealthy EU member states and the remaining 2% is given as a 'Kyoto bonus' to nine EU member states which had most reduced their greenhouse gas emissions.

At least half of auctioning revenues, and all of the revenues from auctioning allowances to the aviation sector, should be used to combat climate change in Europe or other countries.

EEX (Leipzig) conducts the auctions for 26 Member States covering about two thirds of the total auctioned volume. For the remaining volume, Germany and the United Kingdom have appointed EEX and ICE Futures Europe (ICE, London) respectively.

For further information: [http://ec.europa.eu/clima/policies/ets/cap/auctioning/index\\_en.htm](http://ec.europa.eu/clima/policies/ets/cap/auctioning/index_en.htm)

# Auctions by the transitional common auction platform

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**Editor's note:** This report has been prepared by the Commission on behalf of the following Member States: Austria, Belgium, Bulgaria, Republic of Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden. The Member States on behalf of which auctions have been held in the reporting period have approved this report under the rules in the Joint Procurement Agreement to procure common auction platforms. The report complies with the requirement laid down in the fourth subparagraph of Article 10(4) of Directive 2003/87/EC.<sup>1</sup>

**Methodology:** The report is based on the reports submitted by EEX, on the discussions in regular meetings between the Commission, its advisors and EEX and on any further relevant information available to the Commission. The authors of the report did not actively verify EEX's compliance with the specific rules and provisions applicable under European or national law.

For reasons of confidentiality and proper enforcement of the applicable rules, the report refers to reporting on the auctions held based on information provided by EEX. Any data not directly related to the auctions is based only on public reporting and not on any non-public reports.

**Disclaimer:** The authors have made every effort to ensure that the information provided is complete, correct and precise for the reporting period. Nevertheless, the report is based on limited information available to the authors in a market context where much information has to remain confidential. The authors did not actively verify the information. Therefore, the authors and the Member States on whose behalf this report was drafted deny any responsibility or liability whatsoever for its contents, regardless of the nature of such contents. Any reliance by any person or entity on the information provided in this report is solely at that person's or entity's own risk.

**Glossary:** terms and expressions written in *italics* are included in the glossary.

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<sup>1</sup> Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending Council Directive 96/61/EC, OJ L 275, 25.10.2003, p. 32, as subsequently amended.

# Auctions by the transitional common auction platform

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## Executive summary

This report covers the auctioning of emissions allowances in the period August 2014. In that period, EEX, in its capacity as the common auction platform, auctioned a total of 11 208 000<sup>2</sup> *EU general emission allowances* ('EUAs') in 12 auctions for the *third trading period* on behalf of those EU Member States that participate in the transitional common auction platform (*participating Member States*).

All auctions were held securely and smoothly and no irregularities or deviations from the requirements were observed. Generally, the auction clearing price was in line with the price signal in the secondary market. The table below contains a summary of the information concerning the conducted auctions.

During the reporting period, EEX did not hold any auction for *EU aviation allowances* ('EUAs'). In response to the positive developments at the ICAO Assembly in October 2013, the EU decided to restrict the coverage of the ETS for aviation to emissions from flights within the European Economic Area (EEA) for the period up to 2016<sup>3</sup>. Following the amendment to the EU ETS rules for aviation, the restart of auctioning of aviation allowances was set for September 2014.

### **The August auctions at a glance:**

	August 2014
<b>General</b>	
Total volume auctioned (EUA)	11 208 000
Amount raised from the auctions (€)	69 928 580
Average clearing price (€/EUA)	6.24
Total bid volume	90 982 500
Cover ratio	8.12
<b>Participation</b>	
Number of eligible bidders	67
Number of participating bidders	24
Number of successful bidders	18
Average number of bidders per auction	13
Average number of successful bidders per auction	8
<b>Auction data</b>	
Average total volume bid per bidder	602 194

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<sup>2</sup> Pursuant to Article 8(5) of the Auctioning Regulation, the volumes auctioned in August of each year shall be half of the volume auctioned in auctions held in other months of the year

<sup>3</sup> [http://ec.europa.eu/clima/policies/transport/aviation/index\\_en.htm](http://ec.europa.eu/clima/policies/transport/aviation/index_en.htm),  
<http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1407403348496&uri=CELEX:32014R0421>  
[http://ec.europa.eu/clima/news/articles/news\\_2014072901\\_en.htm](http://ec.europa.eu/clima/news/articles/news_2014072901_en.htm)

## Auctions by the transitional common auction platform

### August 2014

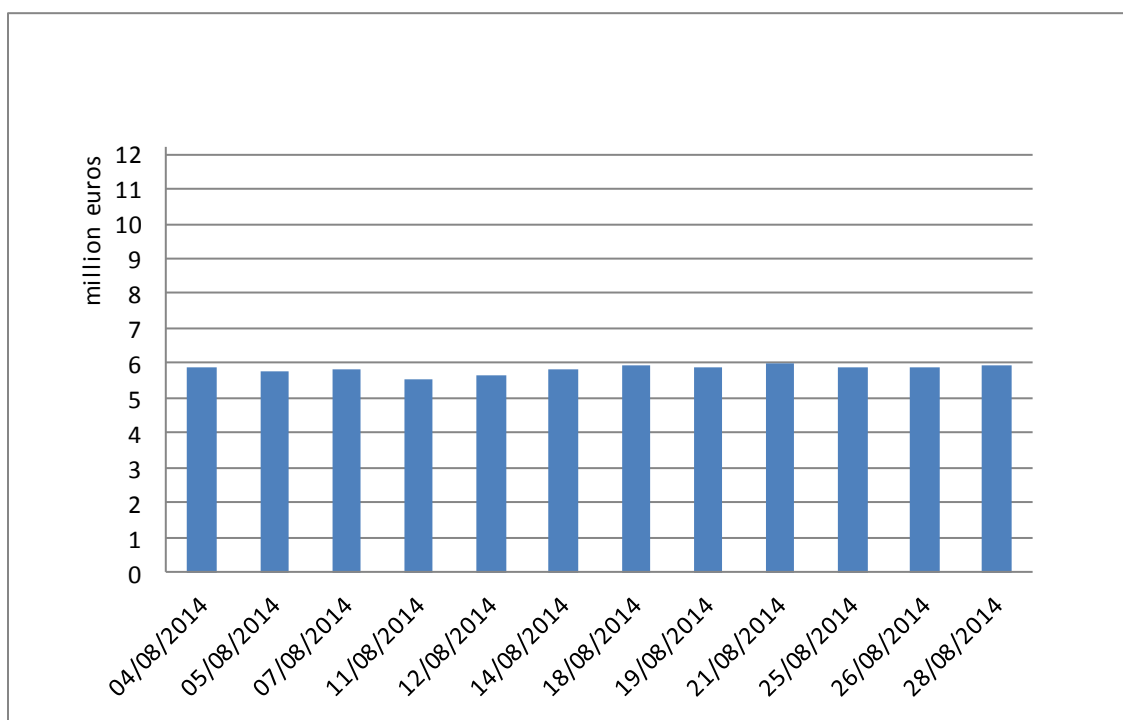
Average bid size (volume per bid)	94 199
Average volume won per bidder	124.351
Average range of bids (€)	3.44

### Section 1. Results of the auctions

During the month of August 2014, EEX, in its capacity as the transitional common auction platform, auctioned, in 12 auctions, a total of 11 208 000 EUAs valid for the *third trading period* on behalf of participating Member States.

The total amount raised from the 12 auctions held during the reporting period was EUR 69 928 580 (see Graph 1 and Table 1). Taking into account the volumes per auction, the weighted average clearing price during the reporting period was EUR 6.24 per EUA. This is an increase of EUR 0.33 per EUA compared with the previous reporting period.

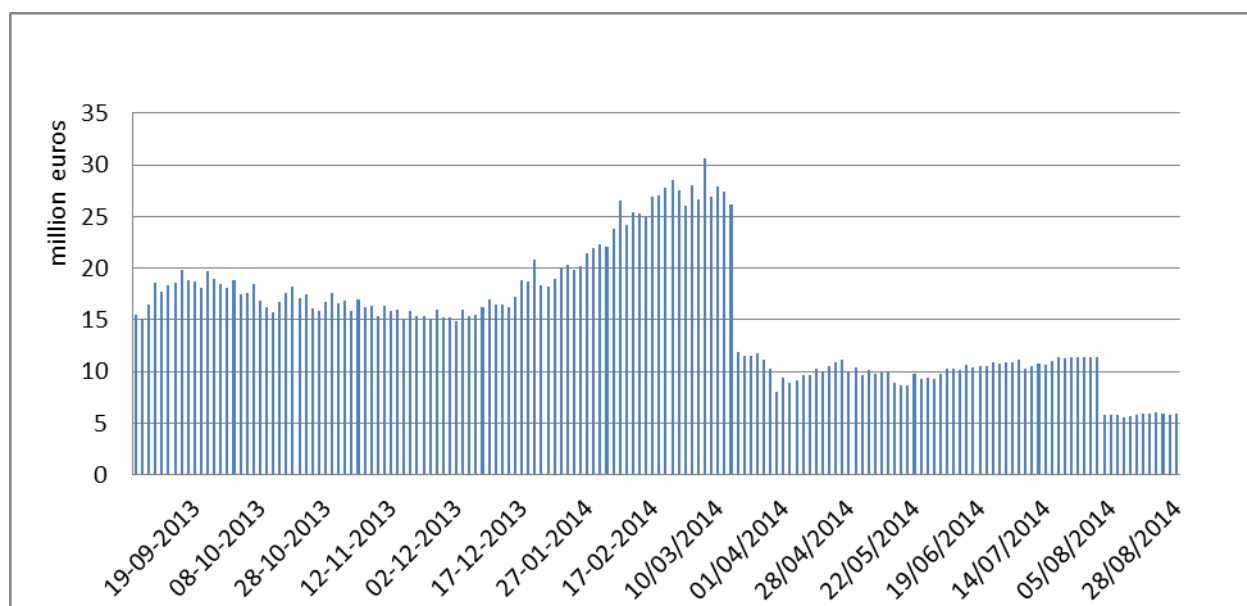
**Graph 1** Total auction revenue per auction (euro).



## Auctions by the transitional common auction platform

August 2014

**Graph 2** Auction revenues per auction as from September 2013.



The total amount raised from the auctions held between 13 November 2012 and 31 August 2014 was EUR 4.003.364.615 (see Table 1).

**Table 1** Auction revenues per Member State<sup>4</sup> (euro)

	13 November 2012 – 30 July 2014	August 2014
<b>Austria</b>	101,096,320	1,909,185
<b>Belgium</b>	177,256,560	3,668,630
<b>Bulgaria</b>	103,172,135	861,005
<b>Cyprus</b>	2,359,150	0
<b>Czech Republic</b>	131,318,655	486,655
<b>Denmark</b>	88,006,610	1,796,880
<b>Estonia</b>	24,635,830	112,305
<b>Greece</b>	247,809,940	5,016,290
<b>Spain</b>	626,767,660	12,465,855
<b>Finland</b>	121,372,700	2,395,840
<b>France</b>	397,138,710	7,898,785
<b>Hungary</b>	75,475,910	2,171,230
<b>Ireland</b>	64,595,615	1,385,095
<b>Italy</b>	699,298,910	13,925,820
<b>Lithuania</b>	34,675,645	748,700

<sup>4</sup> Croatia will be added to the table as soon as the auctions are in place

## Auctions by the transitional common auction platform

### August 2014

	13 November 2012 – 30 July 2014	August 2014
Luxemburg	8,639,090	187,175
Latvia	19,584,100	336,915
Malta	7,256,035	112,305
Netherlands	242,254,380	4,829,115
Poland	322,031,455	
Portugal	126,666,625	2,545,580
Romania	232,381,555	3,069,670
Sweden	64,681,770	1,197,920
Slovenia	32,058,755	598,960
Slovak Republic	111,614,480	2,208,665

Detailed information per auction can be found in **Annex I**.

**Table 2:** Overview

Month	Auction volume	Bid volume	Cover ratio	Bidders	Successful bidders	Price	Revenue
August 2014	11 208 000	90 982 500	8.12*	12.58*	8.00*	€ 6.24*	€ 69 928 580
July 2014	26 222 000	140 375 000	5.35*	14.79*	10.86*	€ 5.91*	€ 154 934 560
June 2014	22 476 000	136 372 000	6.07*	17.58*	10.75*	€ 5.53*	€ 124 329 740
May 2014	20 766 500	133 689 500	6.44**	17.36**	11.72**	€ 5.018**	€ 104 208 535
April 2014	23 130 000	177 597 500	7.68	17.67*	10.83*	€ 5.19*	€ 119 948 325
March 2014	42 048 500	280 163 000	6.66**	17.35**	11.75**	€ 6.42**	€ 269 929 405
February 2014	52 667 000	216 991 500	4.12**	19.68**	14.30**	€ 6.38**	€ 336 162 075
January 2014	48 648 500	178 198 500	3.66	21.92**	13.17**	€ 4.96**	€ 241 181 405
December 2013	39 078 000	130 983 000	3.35**	21.48**	16.09**	€ 4.61**	€ 180 068 050
November 2013	56 161 000	225 489 500	4.01**	19.91**	15.01**	€ 4.50**	€ 252 482 700
October 2013	59 642 500	248 905 500	4.17**	20.16**	15.72**	€ 4.85**	€ 289 295 510
September 2013	55 982 500	175 589 000	3.14**	19.36**	14.13**	€ 5.18**	€ 289 930 690

\* average

\*\*volume-weighted average (when the volume of allowances sold varied between auctions within a month, see auction volumes in Annex I)

#### Auctioning Member States

At the start of the reporting period, all the *participating Member States* except Croatia were participating in the auctions. On 1 July 2013, Croatia joined the European Union, and it has become a party to the Joint Procurement Agreements so as to auction its share of allowances on EEX. Croatia has however not established the necessary arrangement for the auctioneer to be admitted and recognised by EEX and ECC. Hence, the starting date remains to be determined.

In accordance with the second subparagraph of Article 30(7) of the *Auctioning Regulation*, pending the procurement, appointment and listing of its opt-out auction platform, Poland contracted EEX to auction its share of allowances to be auctioned. These auctions started on 16 September 2013. Due to the back-loading, no auctions were held for Poland in the reporting period.

## Auctions by the transitional common auction platform

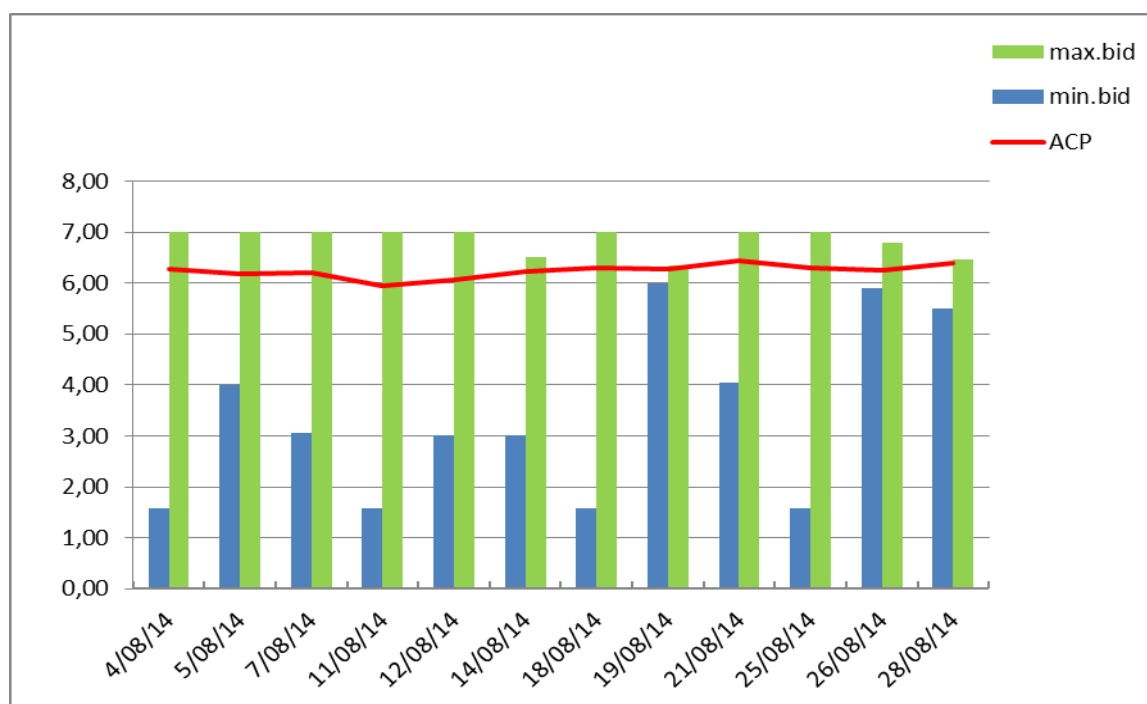
### August 2014

The Member States of the European Free Trade Association (EFTA) that are Party to the European Economic Area (EEA)<sup>5</sup> have also stated their intention to make use of the transitional common auction platform by aggregating their volumes to those auctioned on behalf of the *participating Member States*. The preparations for this are on-going.

#### Auction clearing price

During the period under consideration, the auction clearing price for the EUAs moved between EUR 5.95 and EUR 6.43 per allowance (see Graph 3). The lowest auction clearing price in this reporting period is EUR 0.45 above the lowest auction clearing price during the previous reporting period. The highest auction clearing price in this reporting period is EUR 0.32 per allowance above the highest auction clearing price of the previous reporting period.

**Graph 3** Auction Clearing Price (ACP) & maximum prices bid & minimum prices bid [euro/ton].



For all but one auctions, the clearing prices were within a range of EUR 0.02 or less from the mean of the *best-ask* and *best-bid* prices on the EEX *secondary market* for spot emission allowances and in average equal to the average of that mean. In general, the auction clearing prices were also in line with the prices of carbon products on other trading venues, and with the clearing prices of other auctions of emission allowances conducted during the period.

The auction clearing price showed no clear upward or downward trend during the reporting period. On a longer period, an increasing trend since April 2014 can be observed (see Graph 4).

<sup>5</sup> Iceland, Liechtenstein and Norway.



## Auctions by the transitional common auction platform

### August 2014

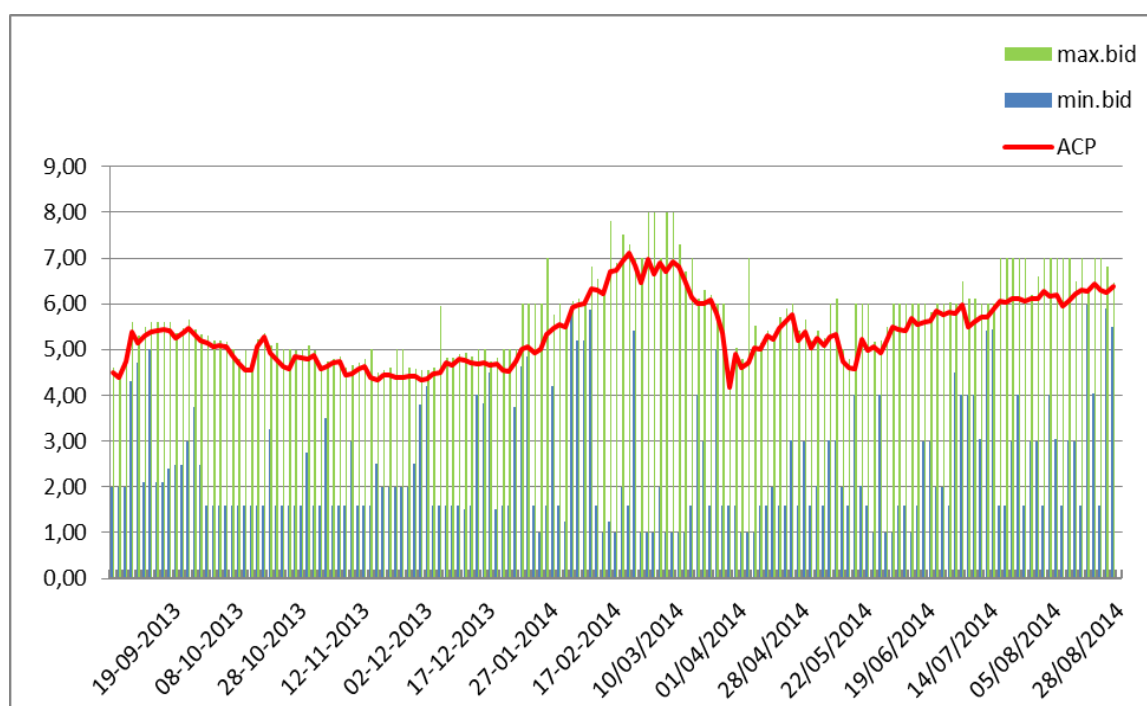
#### Maximum and minimum prices bid

The highest prices bid in the auctions were on average EUR 0.60 per EUA above the clearing price (see Graph 3).

The lowest prices bid in the auctions were on average EUR 2.84 per EUA below the clearing price (see Annex I for the data per auction).

The range of bids (average difference between the maximum price bid and the minimum price bid) in the auctions was EUR 0.41 higher than the difference for the auctions conducted in the preceding month (see Annex I).

**Graph 4** Auction clearing price (ACP), maximum bid and minimum bid as from September 2013.



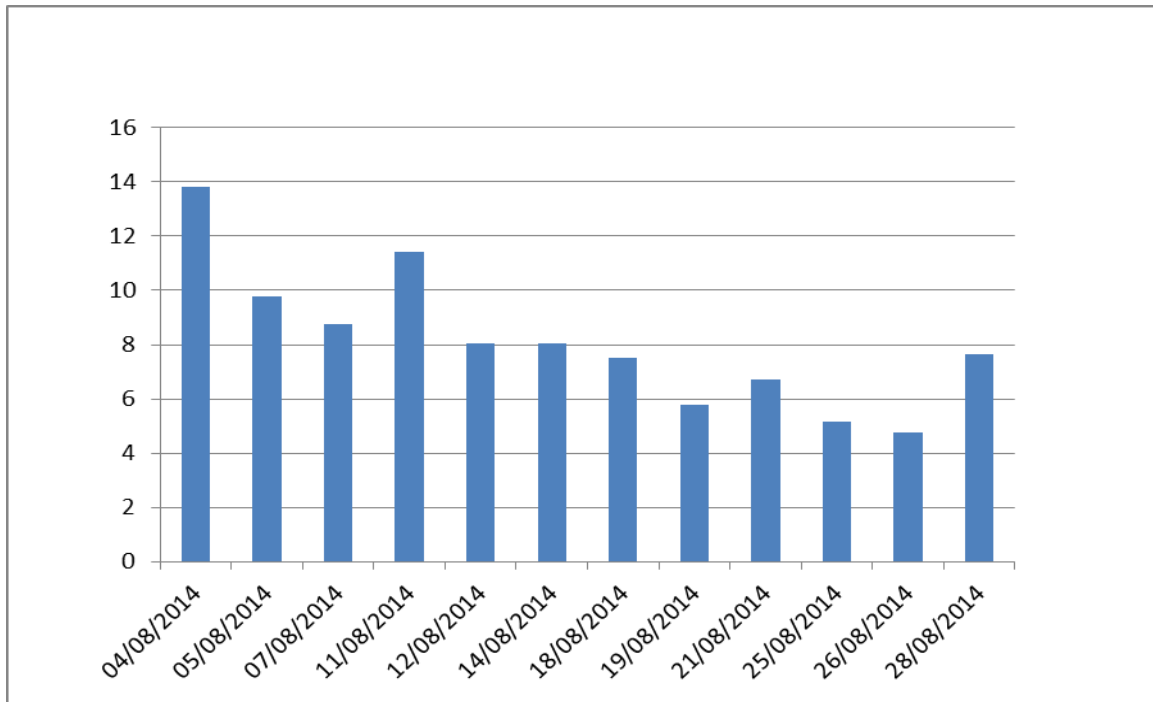
#### Cover ratio

The *cover ratio* — the bid volume as a proportion of the available volume in the auctions — (see Graph 5) moved between 4.74 and 13.81 during the reporting period. The average was about 51.63 % higher than the average *cover ratio* during the previous reporting period. The lowest *cover ratio* during the reporting period was 4.74 at the auction of 26 August 2014 with the highest *cover ratio* being 13.81 at the auction of 4 August 2014.

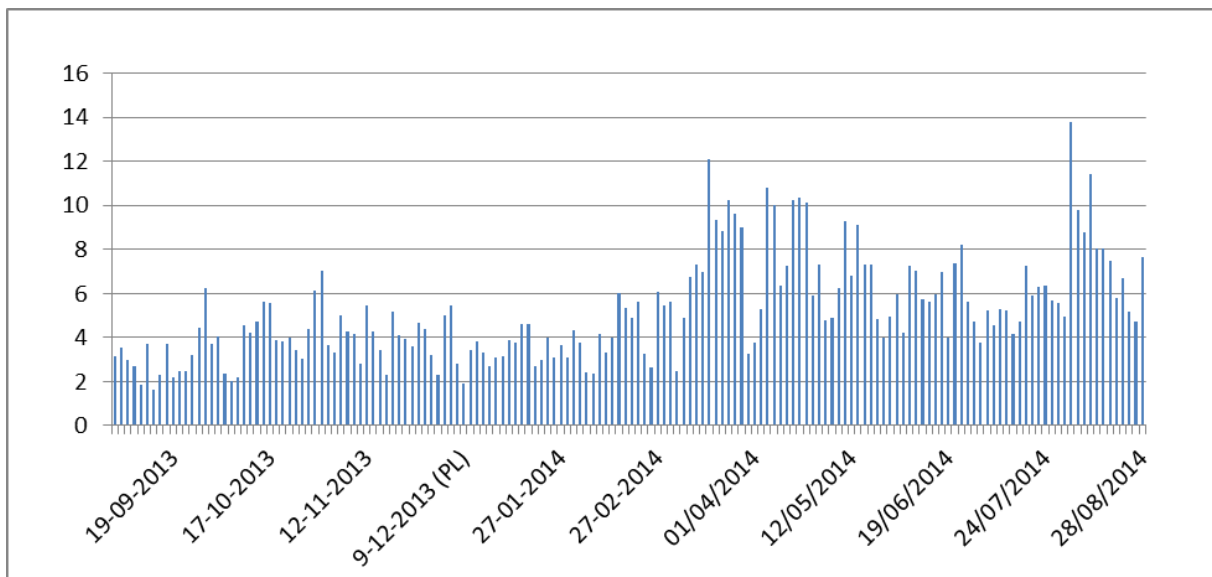
# Auctions by the transitional common auction platform

## August 2014

**Graph 5** Cover ratio: bid volume versus available volume.



**Graph 6** Cover ratio as from September 2013: bid volume versus available volume.



## Auctions by the transitional common auction platform

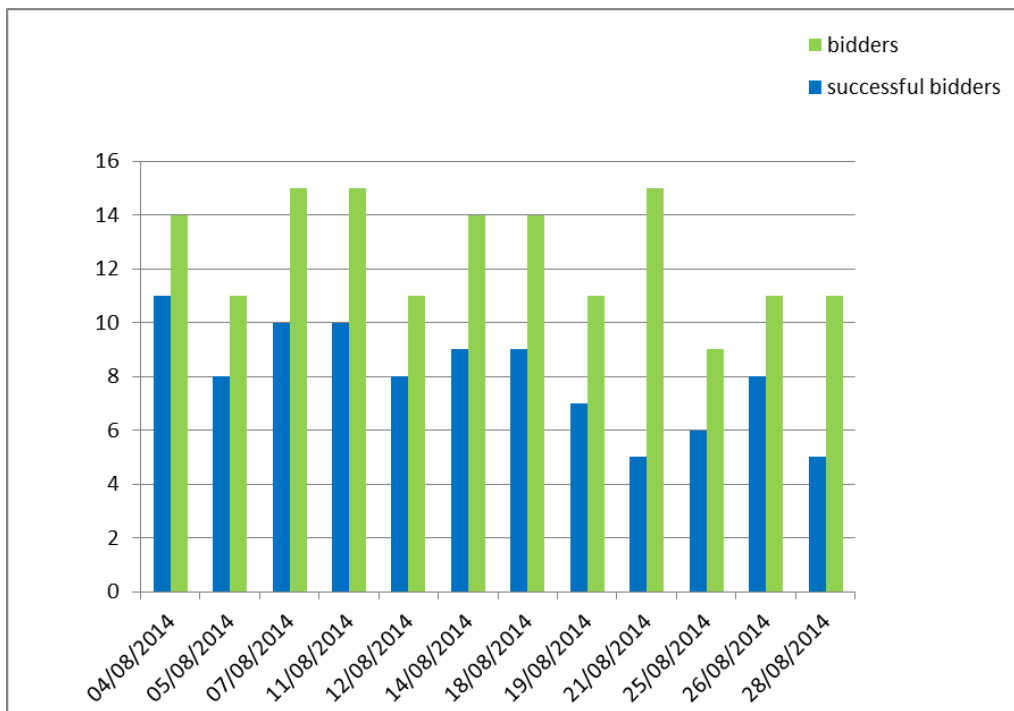
August 2014

### Number of Bidders

The number of active bidders per auction ranged from 9 to 15 (see Graph 7). The average number of active bidders was 13, which is two less than the average number of active bidders during the previous reporting period.

The number of successful bidders per auction ranged from 5 to 11 during the reporting period. The average number of successful bidders was 8, which is three less than the average number of successful bidders during the previous reporting period.

**Graph 7** Number of bidders and number of successful bidders.

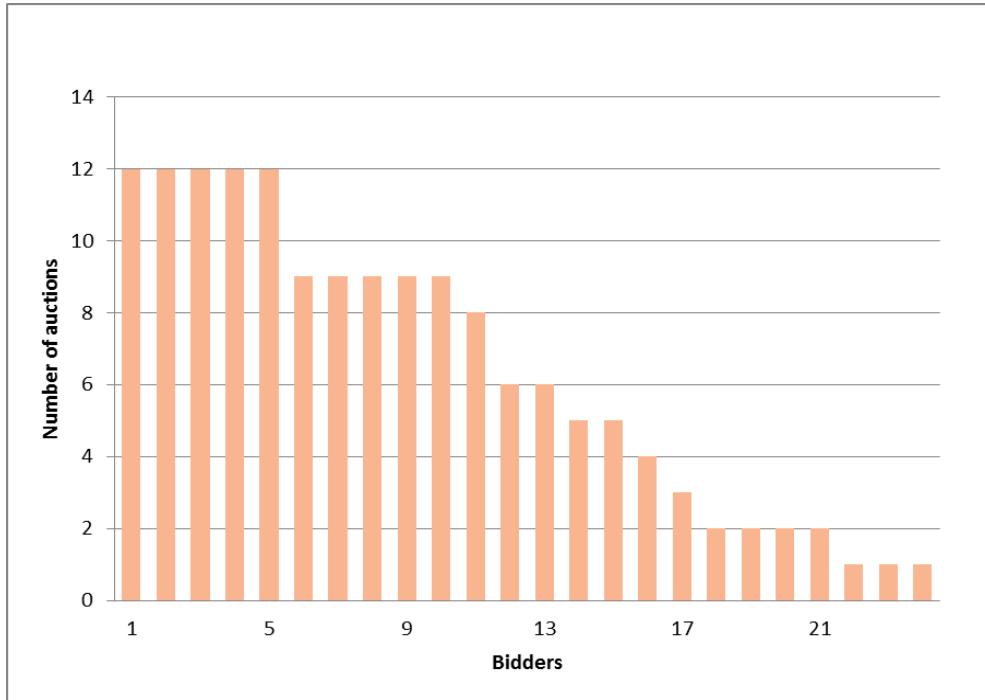


In total, 24 different bidders participated in the auction (see Graph 8). Five of them participated in all auctions during the reporting period. Nine of them participated only in four or fewer auctions during the reporting period.

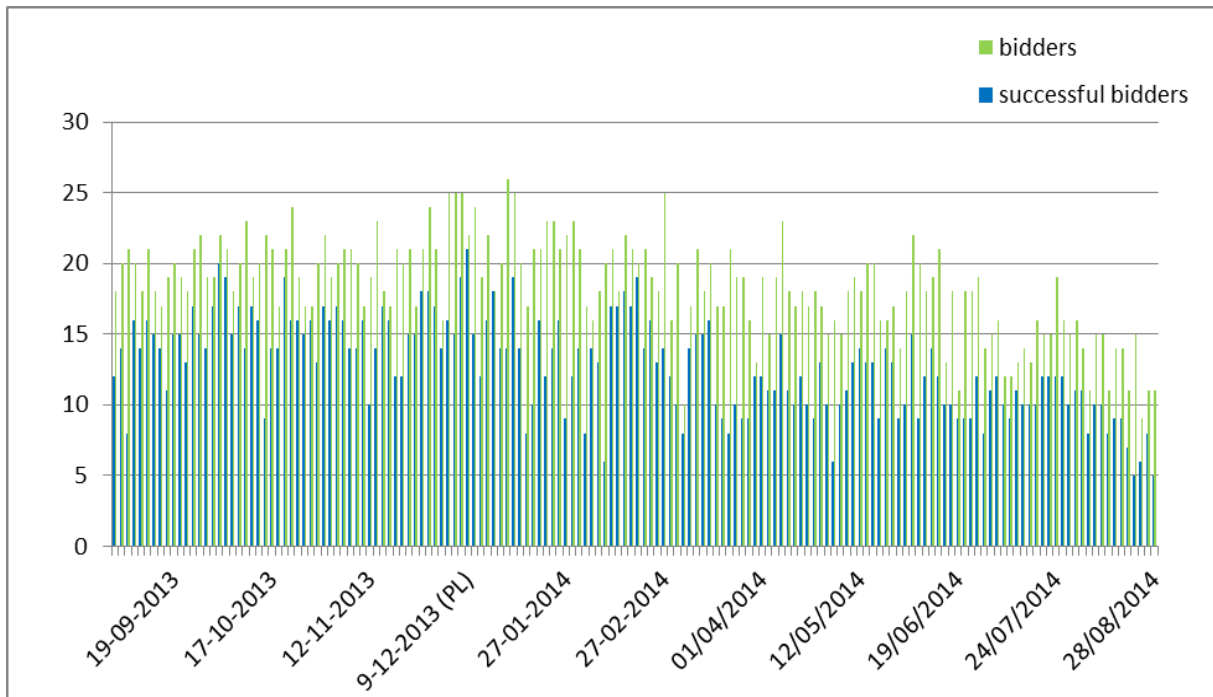
# Auctions by the transitional common auction platform

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**Graph 8** Number of auctions in which each bidder participated (bidders are identified by numbers).



**Graph 9** Number of bidders and successful bidders as from September 2013.



## Auctions by the transitional common auction platform

### August 2014

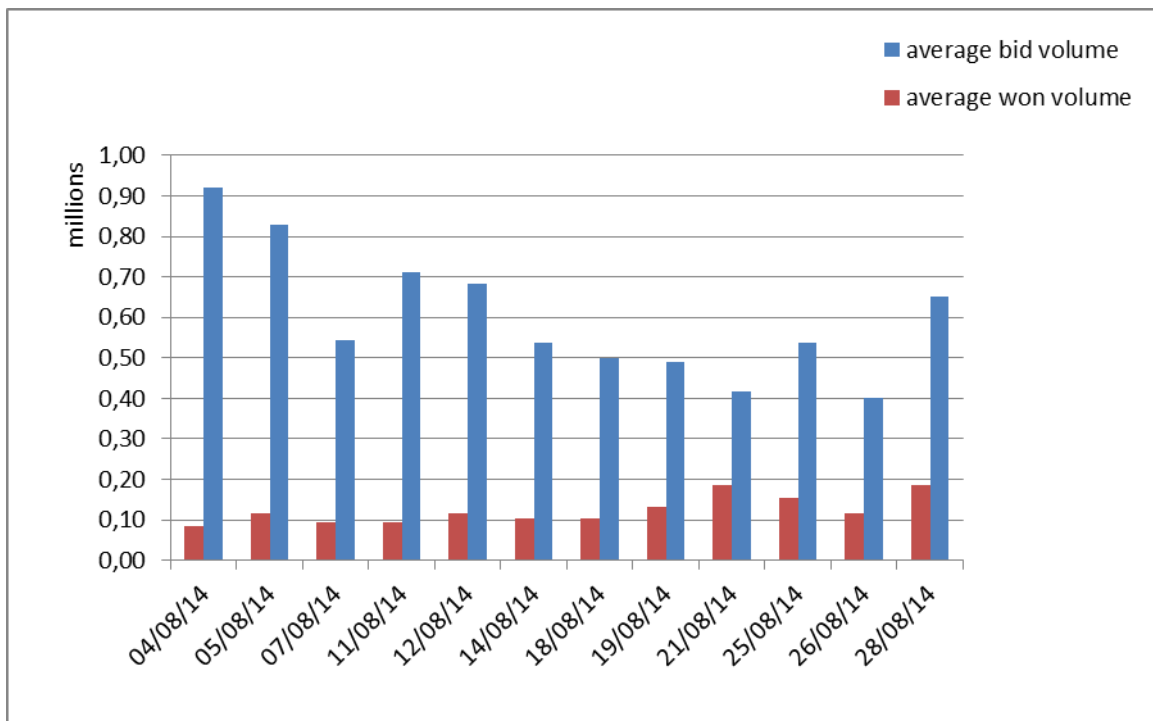
#### Average bid volume per bidder and average volume won by successful bidders

The total volume of bids for the 12 auctions amounted to 90 982 500 EUAs, which is 35 % less<sup>6</sup> than the previous period. With 24 bidders during the month, this makes an average of 3 790 937 EUAs per bidder. Per auction, the average total bid volume per bidder ranged from 402 364 to 921 357 EUAs during the reporting period (see Graph 10), with average of 602 194, which is 11.7% lower than the average in July 2014. This average did not show a clear upward or downward trend during the reporting period. The standard deviation of the average total bid volume per bidder for the individual auctions ranged from 410 712 to 1 040 599, and over the entire month was 4 694 684.

The average bid size ranged from 74 317 to 125 518 per auction, with an average of 94 199. This average was about 16% lower than during the previous reporting period. The average number of bids per bidder ranged from 3.93 to 8.55 per auction, with an average of 6.44.

The total volume auctioned amounted to 11 208 000 EUAs. With 18 successful bidders during the month, this makes an average of 622 666 EUAs per successful bidder, which is 40% lower than the average in July 2014. Per individual auction, the average volume won by successful bidders ranged from 84 909 to 186 800 EUA, with average of 124 351 which is 28.5% lower than the average in July. This average did not show a clear upward or downward trend during the reporting period. The standard deviation ranged from 59 492 to 212 364, and over the entire month was 600 997.

**Graph 10** Average bid volume and volume won per bidder.

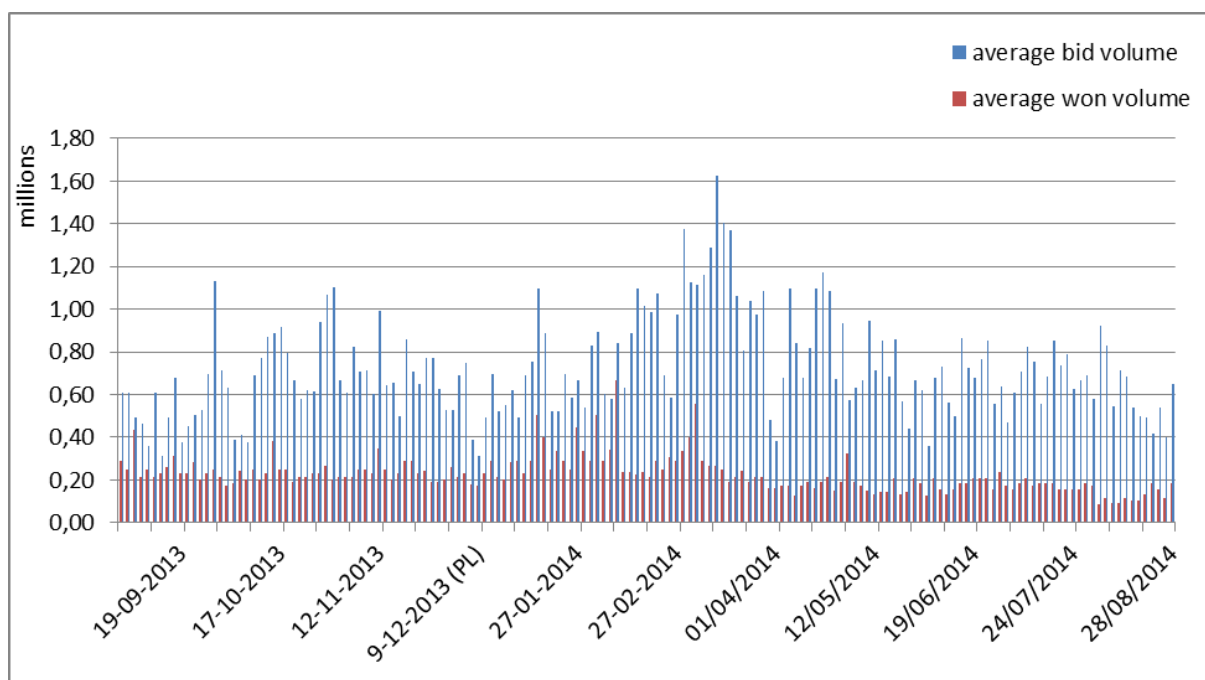


<sup>6</sup> The volumes auctioned in August are half the volumes auctioned the rest of the year.

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Graph 11 Average bid volume and volume won per bidder as from September 2013.



### Volume of successful bids per bidder category

During the reporting period almost all bidders bid on their own account, with 0.13% of the volume submitted by intermediaries on behalf of a client. *Operators*, including business groupings of *operators*, accounted for about 61.54% of the total auctioned volume during the reporting period, compared to 49.3% in July 2014 (see Graph 12).

Investment firms, including *persons exempt*, accounted for about 18.9% of the total auctioned volume during the reporting period, compared to 29.5% in July 2014.

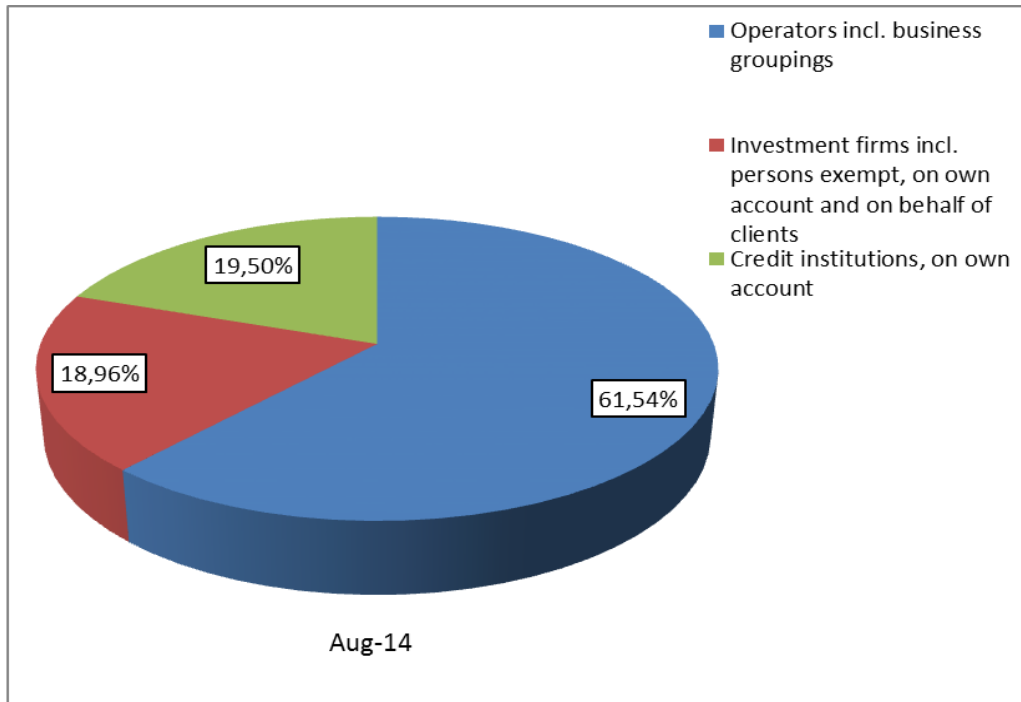
Credit institutions accounted for about 19.5% of the total auctioned volume during the reporting period, compared to 21.2% in July 2014.

However, the shares of successful bids per category showed some fluctuations over the period. The standard deviation of the shares was 21%, 13%, 17% and 3% for operators (including business groupings of operators), investment firms, credit institutions and *persons exempt* respectively.

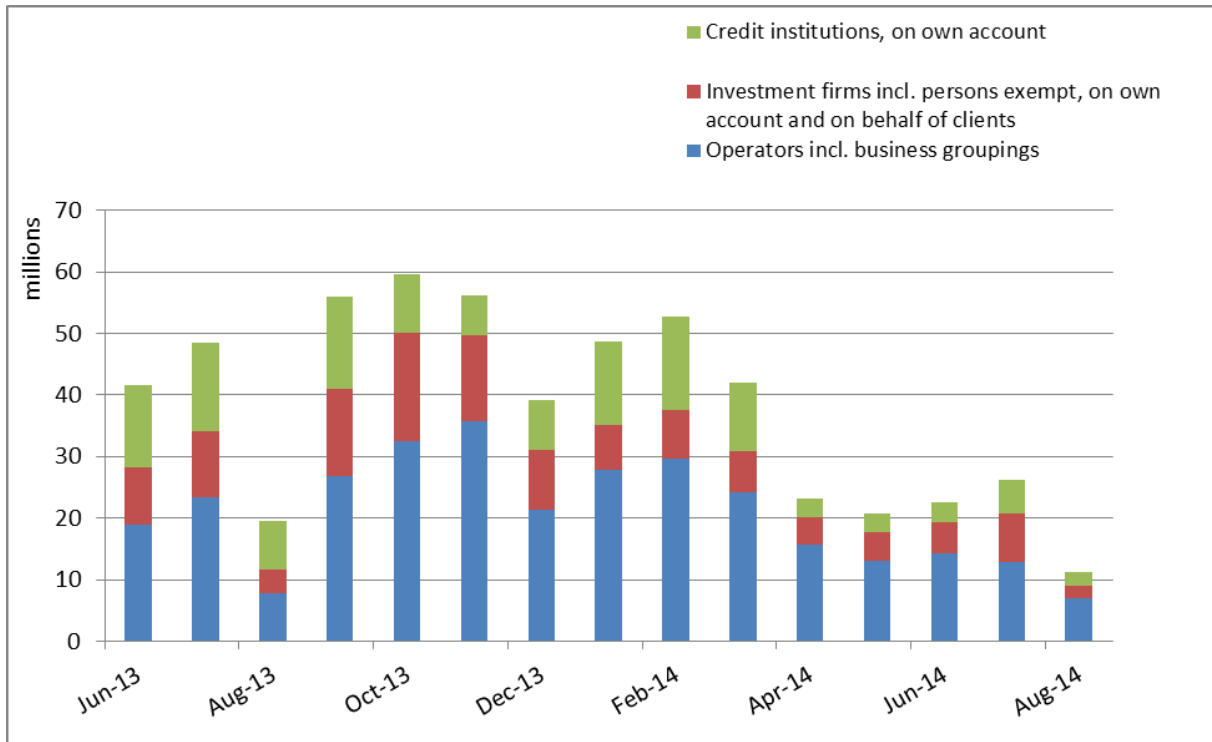
## Auctions by the transitional common auction platform

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**Graph 12:** Volume of successful bids per bidder category.



**Graph 13** Volume of successful bids per bidder category as from June 2013.



## Auctions by the transitional common auction platform

August 2014

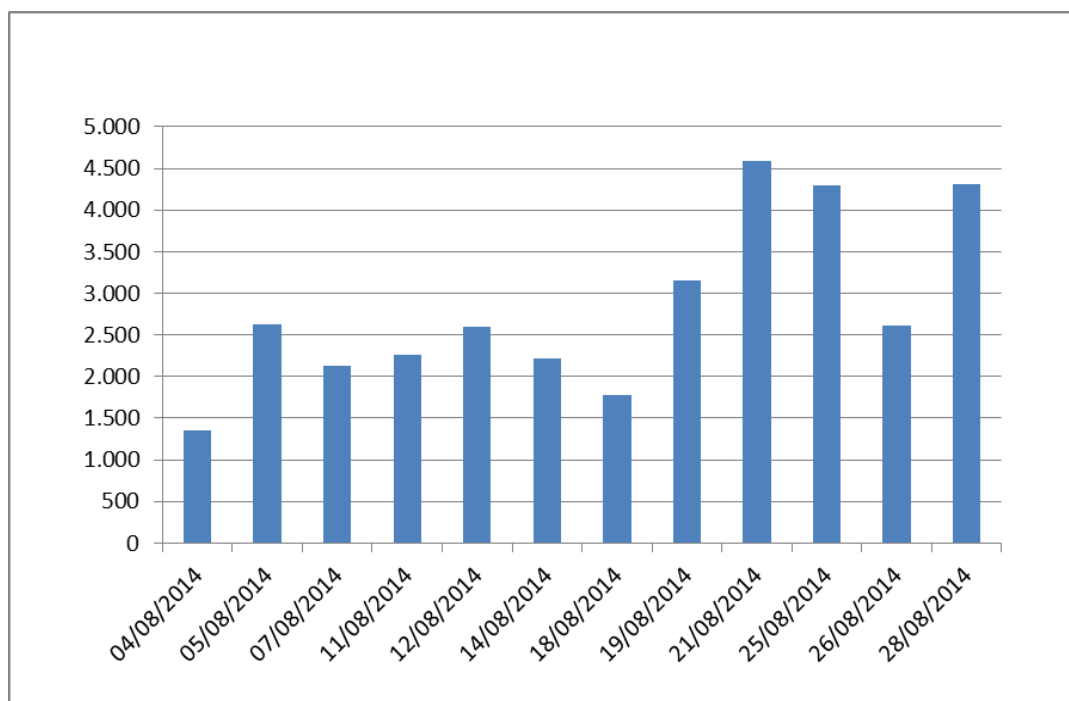
### The Herfindahl-Hirschman Index (HHI)

The Herfindahl-Hirschman Index (HHI) is used by EEX to measure market concentration. The HHI is calculated as the sum of the squares of all successful bidders' shares (in %) of the total auctioned volume per auction. The HHI ranges from a value of 0 (perfect competition) to 10 000 (a single monopolistic buyer).

A common interpretation of the HHI is that a score below 1 500 is 'not-concentrated', between 1 500 and 2500 is 'moderately concentrated,' and above 2 500 is 'highly concentrated'.

In general, the HHI moved between about 1 300 and 4 600 (see Graph 14) and the average HHI during the reporting period was 2 827. The HHI calculated as the sum of the squares of all successful bidders' shares (in %) of the total auctioned volume in the reporting period was 1 073.

**Graph 14** Herfindahl-Hirschman Index.

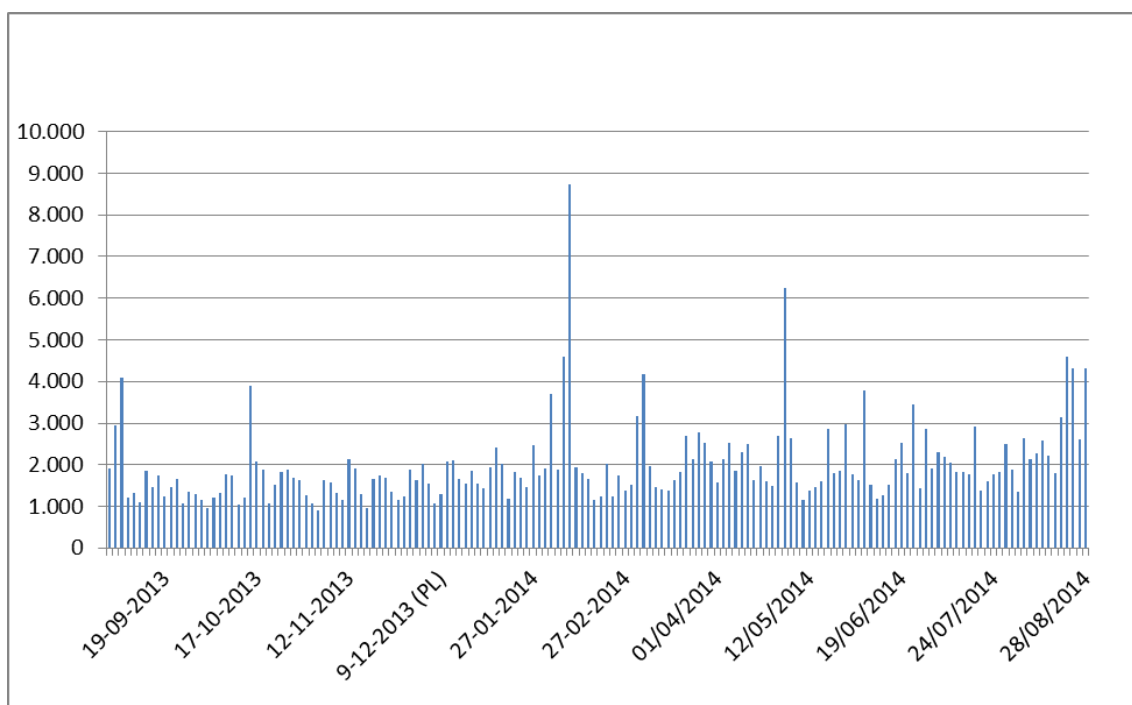




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Graph 15 Herfindahl-Hirschman Index as from August 2013 (lower means less market concentration).



## Section 2. Implementation of and compliance with the applicable rules

### Fair and open access

EEX verified that each auction participant belonged to one of the categories of eligible bidders set out in Article 18 of the *Auctioning Regulation*. During the reporting period, the number of eligible bidders was 67. Most of the active participants in the carbon market are assumed to have been admitted to bid in the auctions<sup>7</sup>.

Of the 67 companies eligible to bid in the auctions (including auction only participants), 46 were EU ETS operators, 10 were *investment firms* and 7 were *credit institutions* (see Table 3). The 4 other companies eligible to bid in the auctions were *persons exempt* from the authorisation requirements in EU financial law, because their trading and investment services activities are only ancillary to their main business (Article 2(1)(i) of Directive 2004/39/EC), that were authorised under national legislation implementing the Auctioning Regulation to bid for allowances in the auctions.

Throughout the period, EEX actively promoted the auctions in view of attracting bidders.

<sup>7</sup> This assessment is based on the auction participants' activity in EEX's secondary market and general market knowledge of EEX

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**Table 3 Eligible bidders per category at the end of the reporting period**

Number of participants	Operators		Investment firms	Credit Institutions	Business groupings	Persons exempt From MiFID requirements (Article 2(1)(i) Directive 2004/39/EC)	Total
	Stationary	Aircraft					
Participants admitted to EEX's emissions <i>spot secondary market</i>	-	-	-	-	-	-	116
Participants eligible to bid in the auctions	45	1	10	7	0	4	67
<i>(Of which:)</i> Participants eligible to bid in the auctions on behalf of clients	-	-	2	2	-	1	5
<i>(Of which:)</i> Auction-only participants	3	0	1	0	0	0	4

Four of the admitted participants made use of the option of '*auction-only access*' to the auctions.

No irregularities or deviations from the admission and access requirements were found.

### Transparency

The results were published in accordance with Article 61 of the *Auctioning Regulation*, not later than 15 minutes after the close of the *bidding window*.

EEX revised its webpage on auctioning where necessary for keeping it up to date.

### Technical and operational aspects

No irregularities or deviations from the requirements were found as regards the auctions themselves or the *clearing* and *settlement* processes.

EEX's Market Surveillance department surveyed all auctions with a view to detecting any *market abuse*, money laundering, terrorist financing or other criminal activities. No such wrongdoing was publicly reported. EEX's Market Surveillance department takes its instructions only from SMWA (Saxony's Ministry for Economy and Employment) and is independent of the exchange itself.

No infringements of the confidentiality requirements were identified.

### Other aspects

No problems or issues were identified as regards coordination of the auctions between the various auction platforms.

## **Auctions by the transitional common auction platform**

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### **Section 3. Overview of, and any updates on breaches of provisions or ongoing proceedings**

No breaches or problems of non-conformity were reported. There were no proceedings on such breaches or problems of non-conformity dating from before the reporting period.

### **Approval of the report**

**Comments of the auction platform on the draft of this report and the way they have been taken into account**

EEX made no comments on the report.

**Date of approval by the Member States: 04/11/2014**

**Place & date: Brussels, 06/11/2014**

# Auctions by the transitional common auction platform

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## Glossary

Auction calendar	Document setting out the <i>bidding windows</i> , individual volumes and auction dates of the auctions in a given calendar year. See Articles 11, 13 and 32 of the <i>Auctioning Regulation</i> .
Auction-only access	Access to the auctions without becoming a member of or participant in other markets organised by the auction platform.
Auctioning Regulation	Commission Regulation (EU) No 1031/2010 — Timing, administration and other aspects of auctioning of greenhouse gas emission allowances pursuant to Directive 2003/87/EC of the European Parliament and of the Council establishing a scheme for greenhouse gas emission allowances trading within the Community, Official Journal L 302, 18.11.2010, p. 1, as subsequently amended. See: <a href="http://ec.europa.eu/clima/policies/ets/cap/auctioning/documentatio_n_en.htm">http://ec.europa.eu/clima/policies/ets/cap/auctioning/documentatio_n_en.htm</a> .
Auctioneer	Entity appointed by a Member State that offers the allowances to be auctioned to the auction platform and receives the auction proceeds due to the appointing Member State. See Articles 22 and 23 of the <i>Auctioning Regulation</i> .
Back-loading	Proposal by the Commission to postpone, as a short-term measure, the auctioning of 900 million allowances from the years 2013-2015 until 2019-2020. See: <a href="http://ec.europa.eu/clima/policies/ets/reform/index_en.htm">http://ec.europa.eu/clima/policies/ets/reform/index_en.htm</a> .
Best-bid and best-ask prices	The best-bid price is the highest price any buyer is willing to pay and the best-ask price is the lowest price any seller is willing to accept.
Business groupings	Groupings of operators or aircraft operators. See Article 18(1)(d) of the <i>Auctioning Regulation</i> .
Bidding window	Time during which bidders can submit bids. See Article 8(1) of the <i>Auctioning Regulation</i> .
Clearing	Processes preceding the opening of the bidding window, during the bidding window and following the closure of the bidding window until settlement, involving the management of any risks arising during that interval including margining, netting or novation or any other services carried out possibly by a clearing or settlement system. See Article 3(31) of the <i>Auctioning Regulation</i> .
Cover ratio	Total bid volume divided by the available volume in the auction.
Credit institution	Credit institution as defined in EU legislation on credit institutions (Article 4(1) of Directive 2006/48/EC).
ETS Directive	Directive 2003/87/EC of the European Parliament and of the Council of 13 October 2003 establishing a scheme for greenhouse gas emission allowance trading within the Community and amending

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### August 2014

Council Directive 96/61/EC, OJ L 275, 25.10.2003, p. 32, as subsequently amended. See:  
[http://ec.europa.eu/clima/policies/ets/documentation\\_en.htm](http://ec.europa.eu/clima/policies/ets/documentation_en.htm)

EU general allowance (EUA)	Allowance to emit one tonne of CO <sub>2</sub> -equivalent, see Article 3(a) of the <i>ETS Directive</i> .
EU aviation allowance (EUAA)	Allowance to emit one tonne of CO <sub>2</sub> -equivalent that can be used by aircraft operators. See Article 12(2a) and (3) of the <i>ETS Directive</i> .
Investment firms	Investment firms as defined in EU financial markets legislation (point (1) of Article 4(1) of Directive 2004/39/EC).
Market abuse	Insider dealing and market manipulation. See Article 36 of the <i>Auctioning Regulation</i> and Article 1 of Directive 2003/6/EC ('Market Abuse Directive').
Participating Member States	All EU Member States except Germany, Poland and the UK, which decided to opt out from the joint procurement of a common auction platform pursuant to Article 30 of the <i>Auctioning Regulation</i> .
Persons exempt	Persons exempt from the authorisation requirements in EU financial law because their trading and investment services activities are only ancillary to their main business (Article 2(1)(i) of Directive 2004/39/EC) and that have been authorised under national legislation implementing the rules laid down in the <i>Auctioning Regulation</i> to bid for allowances in the auctions. See Article 18(2) of the <i>Auctioning Regulation</i> .
Secondary market	Market in which persons buy or sell allowances either before or after they are allocated either free of charge or through auctioning. To be distinguished from the 'primary market', which consists of the auctions of allowances.
Settlement	Payment on delivery of the allowances. See Article 3(34) of the <i>Auctioning Regulation</i> .
Spot secondary market	Secondary market for allowances with delivery within 5 days from the transaction.
Stop-the-clock proposal	Proposal by the Commission to exempt from enforcement flights into and out of Europe operated in 2010, 2011, and 2012 to provide negotiation time for the ICAO General Assembly in autumn 2013. The proposal was adopted on 24 April 2013. See: <a href="http://ec.europa.eu/clima/policies/transport/aviation/index_en.htm">http://ec.europa.eu/clima/policies/transport/aviation/index_en.htm</a> and OJ L115 of 25 April 2013, p.1.
TARGET-2 bank account	Bank account in the TARGET2 system, which is an interbank payment system for real-time processing of cross-border transfers throughout the European Union. TARGET2 replaced TARGET (Trans-European Automated Real-time Gross Settlement Express Transfer System) in November 2007.

## **Auctions by the transitional common auction platform**

### **August 2014**

Third trading period

The period 2013-2020. Allowances are valid during a given period without distinction as regards the year within that period. See Article 13 of the *ETS Directive*.

## Annex 1 Results of individual auctions

Date	Auction Price €/tCO2	Minimal Price €/tCO2	Maximal Price €/tCO2	Mean €/tCO2	Median €/tCO2	Auction Volume tCO2	Total Amount of Bids	Cover Ratio	Total Number of Bidders	Number of Successful Bidders	Total Revenue €
28/08/2014	6,38 €	5,50	6,47	6,25	6,30	934.000	7.154.500	7,66	11	5	5.958.920
26/08/2014	6,26 €	5,90	6,80	6,18	6,21	934.000	4.426.000	4,74	11	8	5.846.840
25/08/2014	6,30 €	1,59	7,00	5,01	6,14	934.000	4.841.000	5,18	9	6	5.884.200
21/08/2014	6,43 €	4,04	7,00	6,07	6,35	934.000	6.255.000	6,70	15	5	6.005.620
19/08/2014	6,28 €	5,99	6,35	6,21	6,23	934.000	5.401.000	5,78	11	7	5.865.520
18/08/2014	6,30 €	1,59	7,00	5,40	6,23	934.000	7.008.000	7,50	14	9	5.921.560
14/08/2014	6,22 €	3,00	6,50	5,87	6,18	934.000	7.506.000	8,04	14	9	5.809.480
12/08/2014	6,07 €	3,01	7,00	5,69	6,03	934.000	7.515.000	8,05	11	8	5.669.380
11/08/2014	5,95 €	1,59	7,00	5,05	5,85	934.000	10.673.000	11,43	15	10	5.557.300
07/08/2014	6,20 €	3,05	7,00	5,77	6,17	934.000	8.176.000	8,75	15	10	5.790.800
05/08/2014	6,17 €	4,00	7,00	5,95	6,14	934.000	9.128.000	9,77	11	8	5.762.780
04/08/2014	6,27 €	1,59	7,00	5,36	6,12	934.000	12.899.000	13,81	14	11	5.856.180

