



Council of the
European Union

Brussels, 6 February 2017
(OR. en)

5917/17
ADD 1

CLIMA 23
ENV 99
ENER 36
TRANS 44
IND 24
COMPET 73
MI 95
ECOFIN 66

COVER NOTE

From: Secretary-General of the European Commission,
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 1 February 2017

To: Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of
the European Union

No. Cion doc.: COM(2017) 48 final ANNEX 1

Subject: ANNEX to the REPORT FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT AND THE COUNCIL
Report on the functioning of the European carbon market

Delegations will find attached document COM(2017) 48 final ANNEX 1.

Encl.: COM(2017) 48 final ANNEX 1



Brussels, 1.2.2017
COM(2017) 48 final

ANNEX 1

ANNEX

to the

**REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT AND
THE COUNCIL**

Report on the functioning of the European carbon market

ANNEX

Appendix 1

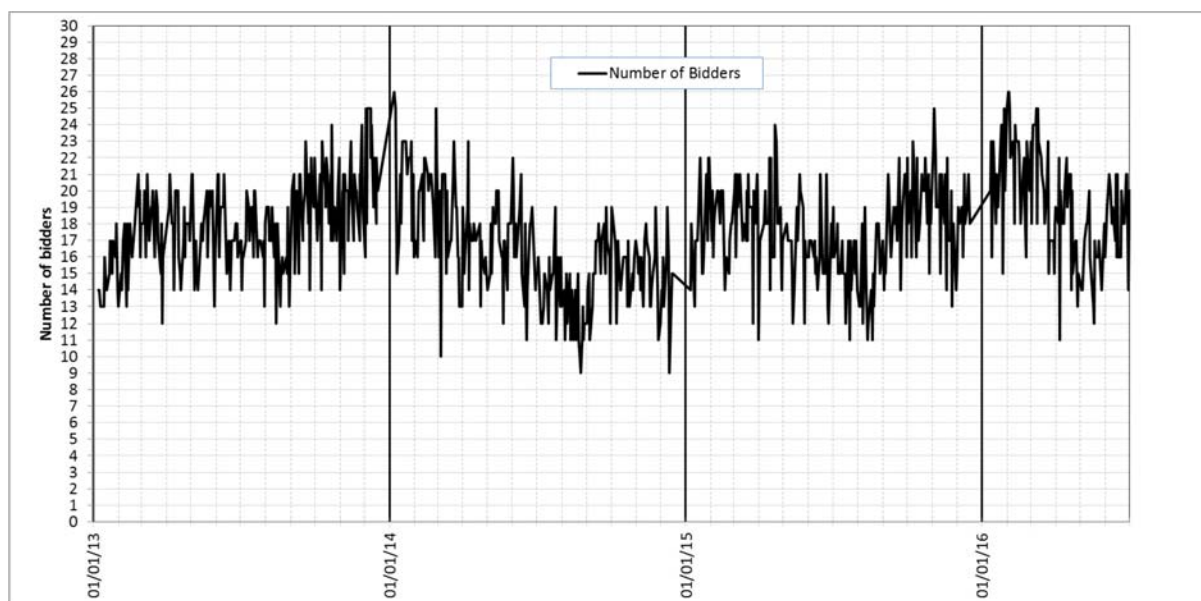
Table: Maximum number of free allowances per year under the derogation from full auctioning for the power sector

Maximum number of allowances per year							
2013	2014	2015	2016	2017	2018	2019	Total
13 542 000	11 607 428	9 672 857	7 738 286	5 803 714	3 869 143	1 934 571	54 167 999
2 519 077	2 195 195	1 907 302	1 583 420	1 259 538	935 657	575 789	10 975 978
26 916 667	23 071 429	19 226 191	15 380 953	11 535 714	7 690 476	3 845 238	107 666 668
5 288 827	4 533 280	3 777 733	3 022 187	2 266 640	1 511 093	755 547	21 155 307
7 047 255	0	0	0	0	0	0	7 047 255
582 373	536 615	486 698	428 460	361 903	287 027	170 552	2 853 628
77 816 756	72 258 416	66 700 076	60 030 069	52 248 393	43 355 049	32 238 370	404 647 129
17 852 479	15 302 125	12 751 771	10 201 417	7 651 063	5 100 708	2 550 354	71 409 917
151 565 434	129 504 488	114 522 628	98 384 792	81 126 965	62 749 153	42 070 421	679 923 881

Appendix 2

Figure: Overview of general allowances auctions from 2013 to 30 June 2016





Appendix 3

Table: Summary of international credits exchange until 30 April 2016

International credits exchanged by 30 April 2016	million	percentages				
CERs	218,09	53,15%				
China	164,30	75,33%				
India	13,13	6,02%				
Uzbekistan	8,04	3,68%				
Brazil	4,59	2,10%				
Chile	3,11	1,42%				
Korea	2,92	1,33%				
Mexico	2,75	1,26%				
Others	19,25	8,82%				
			Track 1		Track 2	
ERUs	192,53	49,56%	million	percentage s of ERUs	millio n	percentage s of ERUs
Ukraine	147,82	76,78%	146,08	75,87%	1,74	0,90%
Russia	32,09	16,67%	32,09	16,67%	0,00	0,00%
Poland	3,02	1,57%	3,02	1,57%	0,00	0,00%
Germany	1,66	0,86%	1,66	0,86%	0,00	0,00%
France	1,24	0,64%	1,24	0,64%	0,00	0,00%
Bulgaria	0,49	0,25%	0,49	0,25%	0,00	0,00%
Others	6,21	3,23%	1,78	0,92%	4,43	2,30%
Total	410,62	100,00%	186,36	96,80%	6,17	3,20%

Appendix 4

Table 1: ETS supply and demand elements

Element	Supply or demand?	Publication	Update and uncertainties
Banking total phase 2	Supply	Carbon market report	No update is foreseen as phase 2 ended. Final figure.
Early phase 3 auctions	Supply	DG Climate website, EEX and ICE websites	Not part of phase 2 banking total. Final figures.
Allowances for NER 300	Supply	EIB website	300 million allowances were monetised in 2012-2014. Final figures.
Aviation auctions	Supply	DG Climate website, EEX and ICE websites	No – adjustments are reflected in the volumes for the following year. 2013 and 2014 auctions took place in 2015.
Phase 3 auctions	Supply	DG Climate website, EEX and ICE websites	No - the figure is not subject to revision. However, allowances (e.g. due to delays to start of auctioning for certain Member States, e.g. those for EEA-EFTA) withheld from auctions can be auctioned in subsequent years.
Free allocation (NIMs)	Supply	EUTL, tables	These figures are updated throughout the year. - Member State may provide late submissions for previous years or actual allocation can be lower than the amount initially foreseen.
Free allocation (NER)	Supply	EUTL, tables	The EUTL provides an accurate state of play of actual allocation.
Free allocation (aviation)	Supply	EUTL, MS publication of allocation tables	
Free allocation (Article 10c)	Supply	EUTL, status table	
Emissions (stationary installations)	Demand	EUTL, compliance data	Compliance data made public on 1 May shows emissions and surrendered allowances for installations that are in compliance (i.e. those installations reporting for all years concerned).
Emissions (aviation)	Demand		Compliance for aviation operators for both 2013 and 2014 took place in 2015.
Allowances cancelled	Demand		Carbon market report

Table 2: Timeline for data publication

Timing	Data	Scope
1 January – 30 April year x	Updates to free allocation to power (Article 10c)	Year x-1
1 April year x	Verified emissions Free allocation (Article 10a(5) – NIMs)	Year x-1
1 May year x	Compliance deadline: verified emissions and surrendered allowances	Year x-1
May/October year x	International credits exchanged	
Last quarter of year x	Carbon Market report	Year x-1
January/July year x	Status of new entrants' reserve - NER table	
Not published at EU level	Free allocation to aviation published at Member States level	