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Twenty-Eighth Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer
Kigali, 10–14 October 2016
Item 11 of the provisional agenda for the preparatory segment *

Implementation Committee under the Non-Compliance Procedure for the Montreal Protocol
Fifty-seventh meeting
Kigali, 9 October 2016
Items 3, 5, 6 and 7 of the provisional agenda**

Compliance and data reporting issues: presentation on and consideration of the work and recommended decisions of the Implementation Committee under the Non-Compliance Procedure of the Montreal Protocol

Information provided by parties in accordance with Articles 7 and 9 of the Montreal Protocol on Substances that Deplete the Ozone Layer

Report by the Secretariat

Addendum

Summary

The key aspects of the information contained in the present report are summarized below for the convenience of the parties in their consideration of the report.

<i>Issue</i>	<i>Status</i>
Reporting of information pursuant to Article 9 for 2015	<ul style="list-style-type: none"> Lithuania submitted its report on activities under Article 9 covering the period 2014–2015
Annual Article 7 data reporting for 2015	<ul style="list-style-type: none"> for 2015, 174 out of 197 parties have reported their Article 7 data as at 3 October 2016
Compliance with control measures for 2015	<ul style="list-style-type: none"> For 2015, two out of 174 parties have yet to clarify their compliance status
Process-agent use reporting for 2015	<ul style="list-style-type: none"> Three of the four parties that are allowed process-agent uses have reported for 2015
Responses by parties to decision XXIV/14, on leaving blank cells in Article 7 data reporting forms, in respect of their 2015 reporting forms	<ul style="list-style-type: none"> Six of the parties that submitted forms for 2015 with some blank cells have yet to clarify whether those blank cells represent zeros

* UNEP/OzL.Pro.28/1.

** UNEP/OzL.Pro/ImpCom/57/R.1.

I. Introduction

1. The present addendum contains information received by the Secretariat as at 3 October 2016, after the preparation of the report on information provided by parties in accordance with Articles 7 and 9 of the Montreal Protocol on Substances that Deplete the Ozone Layer (UNEP/OzL.Pro.28/9-UNEP/OzL.Pro/ImpCom/57/2). It therefore supplements and updates that report.

II. Information provided by parties

A. Reporting pursuant to Article 9 of the Montreal Protocol for 2015

2. On 28 September 2016, Lithuania submitted summary information on the activities that it has conducted pursuant to Article 9 covering the period 2014–2015. Lithuania's submission is available from the website of the Secretariat (http://ozone.unep.org/en/ozone_data_tools_research_public_awareness.php).

B. Status of compliance with annual data-reporting requirements (Article 7, paragraphs 3 and 3 bis) for the period 2015

3. For 2015, 23 additional parties submitted their Article 7 data, bringing the total number of parties that have reported data to 174 (131 operating under paragraph 1 of Article 5 and 43 not so operating). The number of Parties reporting by 30 September 2016 is 169 out of 197 parties required to report. The calculated production and consumption data for the additional parties are set out in the annex to the present addendum.

4. The parties that have not yet submitted data for 2015 are Bolivia (Plurinational State of), Central African Republic, Chile, Colombia, Cook Islands, Denmark, Fiji, Hungary, Iceland, Israel, Kuwait, Latvia, Niue, Qatar, Romania, Rwanda, Saint Kitts and Nevis, South Sudan, Sudan, Trinidad and Tobago, Turkey, Uzbekistan and Yemen.

5. The names of those parties will be listed in a draft decision on non-compliance with data reporting obligations under Article 7 of the Montreal Protocol for consideration by the Twenty-Eighth Meeting of the Parties. Any party that submits its outstanding Article 7 data before the adoption of any such decision, however, will have its name removed from the decision before it is adopted.

C. Status of compliance with the control measures for consumption for 2015 by all parties

6. Table 1 lists the additional cases of reported 2015 consumption that exceeds the amounts permitted under the respective reduction schedules for the listed parties, together with explanations of the exemptions associated with that consumption.¹

Table 1

Accounting and explanations for consumption that exceeds the amounts permitted by the reduction schedules for 2015

Party	Annex/ group	ODP-tonnes			Explanation or comment
		Baseline	2015 limit	2015 consumption	
1. China	B/II	49 142.1	0	220	Laboratory and analytical uses = 220 ODP-t
	E/I	1 102.1	0	68.3	Critical uses = 68.4 ODP-t. Exempted amount = 68.4 ODP-t in decision XXVI/6, para. 1
2. Kazakhstan	C/I	39.5	3.95	12.78	Clarification pending on the consumption, which exceeds by 2.88 ODP-t the benchmark commitment of 9.9 ODP-t in decision XXVI/13

¹ Annex/group substances identified in tables 1–3 are as follows: A/I substances are chlorofluorocarbons (CFCs); A/II substances are halons; B/I substances are other fully halogenated CFCs; the B/II substance is carbon tetrachloride; the B/III substance is methyl chloroform; C/I substances are hydrochlorofluorocarbons; C/II substances are hydrobromofluorocarbons; the C/III substance is bromochloromethane; and the E/I substance is methyl bromide.

Party	Annex/ group	ODP-tonnes			Explanation or comment
		Baseline	2015 limit	2015 consumption	
	C/III	0	0	0.7	Clarification pending on the excess consumption of 0.7 ODP-t
3. Switzerland	A/I	7 960	0	0.1	Laboratory and analytical uses = 0.1 ODP-t
4. United States of America	E/I	15 317.4	0	209.9	Critical uses = 225.6 ODP-t. Exempted amount = 226.1 ODP-t in decision XXV/4, para. 4

Abbreviation: ODP-t, ozone-depletion potential tonnes.

7. Table 2 lists the additional cases in which production reported for 2015 exceeds the amount permitted by the reduction schedules for the parties, together with explanations of the exemptions associated with that production.

Table 2

Accounting and explanation for production that exceeds the amount permitted by the reduction schedules for 2015

Party	Annex/ group	ODP-tonnes			Explanation or comment
		Baseline	2015 limit	2015 production	
1. China	B/II	32 479.7	0	220	Laboratory and analytical uses = 220 ODP-t
	E/I	776.3	0	68.3	Critical uses = 68.4 ODP-t. Exempted amount = 68.4 ODP-t in decision XXVI/6, para. 1
2. United States of America	E/I	16 908.0	0	340.9	Critical uses = 225.6 ODP-t. Exempted amount = 226.1 ODP-t in decision XXV/4, para. 4. Production for export for exempted uses = 131.1 ODP-t.

Abbreviation: ODP-t, ozone-depletion potential tonnes.

D. Monitoring of Parties' progress with regard to implementation of their plans of action

8. Table 3 lists one additional party that has reported Article 7 data for 2015 whose consumption is within the limits prescribed by the Protocol and that have made commitments, with specific benchmarks for 2015, under a plan of action set out in a decision of the Meeting of the Parties that also calls for close monitoring of the Party's progress.

Table 3

Information on consumption for 2015 by parties that have agreed benchmarks under plans of action in decisions adopted by the Meeting of the Parties

Party	Annex/group	ODP-tonnes			Explanation or comment
		Baseline	2015 limit	2015 consumption	
Kazakhstan	E/I	15.6	0	0	Within benchmark commitment of 0.0 ODP-t in decision XXVI/13

Abbreviation: ODP-t, ozone-depletion potential tonnes.

E. Reporting of process-agent uses for 2015 (decisions XXI/3 and X/14)

9. China and the United States of America submitted to the Secretariat information on their process agent uses of ozone-depleting substances for 2015. Only Israel has yet to submit its report for 2015 on the use of ozone-depleting substances as process agents and is therefore in non-compliance with its obligation to report such information by 30 September 2016. Its case will therefore be considered by the Implementation Committee at its fifty-seventh meeting, as requested in paragraph 4 of decision XXI/3.

F. Response by parties to decision XXIV/14 (reporting of zero in Article 7 data reporting forms)

10. Of the parties that submitted Article 7 data reporting forms for 2015 with one or more blank cells, six have yet to provide clarification on whether those blank cells represent zeros. The Secretariat is following up with those parties. The Implementation Committee will consider their cases at its first meeting in 2017.

Annex - Production and Consumption of ODSs - Comparison of 2015 with Baseline (ODP Tons)

Key

- AI - Annex A, Group I (CFCs). Base for Article 5 parties is the average of 1995, 1996 and 1997. Base for non-Article 5 Parties is 1986.
 AII - Annex A, Group II (Halons). Base for Article 5 parties is the average of 1995, 1996 and 1997. Base for non-Article 5 Parties is 1986.
 BI - Annex B, Group I (Other Halogenated CFCs). Base for Article 5 parties = average of 1998, 1999 and 2000. Base for non-Article 5 Parties is 1989.
 BII - Annex B, Group II (Carbon Tetrachloride). Base for Article 5 parties is the average of 1998, 1999 and 2000. Base for non-Article 5 Parties is 1989.
 BIII - Annex B, Group III (Methyl Chloroform). Base for Article 5 parties is the average of 1998, 1999 and 2000. Base for non-Article 5 Parties is 1989.
 CI - Annex C, Group I (HCFCs). Base for Article 5 parties is the average of 2009 and 2010. Base consumption for non-Article 5 Parties is 1989 consumption of HCFCs plus 2.8% of 1989 consumption of CFCs. Base production for non-Article 5 Parties is Average of 1989 HCFC production + 2.8% of 1989 CFC production and 1989 HCFC consumption + 2.8% of 1989 CFC consumption.
 CII - Annex C, Group II (HBFCs). Phase-out requirement was in 1996.
 CIII - Annex C, Group III (Bromochloromethane). Phase-out requirement was in 2002.
 EI - Annex E, Group I (Methyl Bromide). Base for Article 5 parties is the average of 1995, 1996, 1997 and 1998. Base for non-Article 5 Parties is 1991.

	PRODUCTION**			CONSUMPTION**			Per Cap. Cons.
	2015	Base	% Chng	2015	Base	% Chng	
Albania - Date Reported: 21-Sep-2016 A5 EEUR - Population*: 3,256							
CI - HCFCs	0.00	0.00	-100	2.58	6.00	-57.00	0.0008
Antigua and Barbuda - Date Reported: 7-Sep-2016 A5 LAC - Population*: 93							
CI - HCFCs	0.00	0.00	-100	0.06	0.30	-80.00	0.0006
Bahamas - Date Reported: 19-Sep-2016 A5 LAC - Population*: 366							
CI - HCFCs	0.00	0.00	-100	3.52	4.80	-26.67	0.0096
Botswana - Date Reported: 3-Oct-2016 A5 AFR - Population*: 2,106							
CI - HCFCs	0.00	0.00	-100	9.75	11.00	-11.36	0.0046
China - Date Reported: 29-Sep-2016 A5 ASIA - Population*: 1,395,998							
AI - CFCs	-15.5	47,003.9	-100	-15.5	57,818.7	-100	0.0000
BII - Carbon Tetrachloride	220.0	32,479.7	-99.32	220.0	49,142.1	-99.55	0.0002
CI - HCFCs	21,898.41	29,122.00	-24.80	13,485.21	19,269.00	-30.02	0.0097
EI - Methyl Bromide	68.3	776.3	-91.20	68.3	1,102.1	-93.80	0.0000
Sub-Total	22,171.21	109,381.90	-79.73	13,758.01	127,331.90	-89.20	
Eritrea - Date Reported: 15-Sep-2016 A5 AFR - Population*: 6,009							
CI - HCFCs	0.00	0.00	-100	0.97	1.09	-11.01	0.0002
Ghana - Date Reported: 14-Sep-2016 A5 AFR - Population*: 26,925							
CI - HCFCs	0.00	0.00	-100	20.41	57.30	-64.38	0.0008
India - Date Reported: 30-Sep-2016 A5 ASIA - Population*: 1,294,192							
AI - CFCs	-34.1	22,632.4	-100	-34.1	6,681.0	-100	0.0000
BII - Carbon Tetrachloride	-0.2	11,552.9	-100	-0.2	11,505.3	-100	0.0000
CI - HCFCs	1,727.62	2,399.50	-28.00	991.99	1,608.20	-38.32	0.0008
EI - Methyl Bromide	0.0	0.0	-100	-643.2	0.0	-100	-0.0005
Sub-Total	1,693.32	36,584.80	-95.37	314.49	19,794.50	-98.41	
Kazakhstan - Date Reported: 28-Sep-2016 Non-A5 ASIA CEIT - Population*: 16,289							
CI - HCFCs	0.00	19.80	-100	12.78	39.50	-67.65	0.0008
CIII - Bromochloromethane	0.0	0.0	-100	0.7	-	-	0.0000
Sub-Total	0.00	19.80	-100.00	13.48	39.50	-65.87	
Liechtenstein - Date Reported: 3-Oct-2016 Non-A5 WEUR - Population*: 38							
CI - HCFCs	0.00	0.30	-100	0.00	0.70	-100	0.0000
Malta - Date Reported: 3-Oct-2016 Non-A5 WEUR EU Member - Population*: 417							
CI - HCFCs	0.00	5.80	-100				
Marshall Islands - Date Reported: 23-Sep-2016 A5 ASIA - Population*: 70							
CI - HCFCs	0.00	0.00	-100	0.08	0.20	-60.00	0.0011
Nigeria - Date Reported: 22-Sep-2016 A5 AFR - Population*: 175,928							
CI - HCFCs	0.00	0.00	-100	177.92	344.90	-48.41	0.0010
Saudi Arabia - Date Reported: 9-Sep-2016 A5 ASIA - Population*: 28,933							
CI - HCFCs	0.00	0.00	-100	1,305.45	1,468.70	-11.12	0.0451
Singapore - Date Reported: 21-Sep-2016 A5 ASIA - Population*: 5,059							
CI - HCFCs	0.00	0.00	-100	74.46	216.10	-65.54	0.0147
Suriname - Date Reported: 2-Oct-2016 A5 LAC - Population*: 547							
CI - HCFCs	0.00	0.00	-100	1.40	2.00	-30.00	0.0026
Sweden - Date Reported: 1-Oct-2016 Non-A5 WEUR EU Member - Population*: 9,498							
AI - CFCs	-114.6	0.0	-100				
AII - Halons	-2.7	0.0	-100				
CI - HCFCs	-0.58	78.60	-100				
Sub-Total	-117.88	78.60	-100.00				
Switzerland - Date Reported: 27-Sep-2016 Non-A5 WEUR - Population*: 7,736							
AI - CFCs	0.0	0.0	-100	0.1	7,960.0	-100.00	0.0000
CI - HCFCs	0.00	65.30	-100	0.00	130.50	-100	0.0000
Sub-Total	0.00	65.30	-100.00	0.10	8,090.50	-100.00	
Tajikistan - Date Reported: 22-Sep-2016 Non-A5 ASIA CEIT - Population*: 7,761							
CI - HCFCs	0.00	9.40	-100	1.66	18.70	-91.12	0.0002

* Population in thousands

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** Consumption and Production numbers are rounded to a uniform number of decimal places.

Display of zero consumption or production has been suppressed for annex groups that have been phased out (namely annex A, groups I and II, annex B groups I, II and III, annex C groups II and III and E) to make it easier to view non-zero consumption.

- = Data Not Reported and Party has no Obligation to have Reported that data at this time.

N.R. = Data Not Reported but Party is required to have reported | DIV0 = Division was not evaluated due to a zero or negative base.

AFR = Africa | ASIA = Asia | EEUR = Eastern Europe | LAC = Latin America & the Caribbean | WEUR = Western Europe & others

A5 = Article 5 Party | CEIT = Country with Economy in Transition | EU = Member of the European Union | Non-A5 = Non-Article 5 Party

**Annex - Production and Consumption of ODSs - Comparison of 2015 with
Baseline (ODP Tons)**

	<u>PRODUCTION**</u>			<u>CONSUMPTION**</u>			Per Cap. Cons.
	2015	Base	% Chng	2015	Base	% Chng	
Thailand - Date Reported: 22-Sep-2016 A5 ASIA - Population*: 69,939							
Cl - HCFCs	0.00	0.00	-100	773.50	927.60	-16.61	0.0111
Uganda - Date Reported: 24-Sep-2016 A5 AFR - Population*: 39,710							
Cl - HCFCs	0.00	0.00	-100	0.00	0.20	-100	0.0000
United Arab Emirates - Date Reported: 7-Sep-2016 A5 ASIA - Population*: 5,193							
Cl - HCFCs	0.00	0.00	-100	473.97	557.10	-14.92	0.0913
United States of America - Date Reported: 21-Sep-2016 Non-A5 WEUR - Population*: 332,334							
Al - CFCs	-325.1	311,021.2	-100	-328.2	305,963.6	-100	-0.0010
All - Halons	-7.9	58,756.0	-100	-7.9	57,803.0	-100	0.0000
Bl - Other Fully Halogenated CFCs	-0.1	577.0	-100	-0.1	571.0	-100	0.0000
Bll - Carbon Tetrachloride	-161.0	56,036.2	-100	-161.0	11,924.0	-100	-0.0005
Blll - Methyl Chloroform	-22.4	31,517.0	-100	-22.4	25,597.3	-100	-0.0001
Cl - HCFCs	740.50	15,389.60	-95.19	583.87	15,248.30	-96.17	0.0018
El - Methyl Bromide	340.9	16,908.0	-97.98	209.9	15,317.4	-98.63	0.0006
Sub-Total	564.90	490,205.00	-99.88	274.17	432,424.60	-99.94	

* Population in thousands

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- = Data Not Reported and Party has no Obligation to have Reported that data at this time.

N.R. = Data Not Reported but Party is required to have reported | DIV0 = Division was not evaluated due to a zero or negative base.

AFR = Africa | ASIA = Asia | EEU = Eastern Europe | LAC = Latin America & the Caribbean | WEUR = Western Europe & others

A5 = Article 5 Party | CEIT = Country with Economy in Transition | EU = Member of the European Union | Non-A5 = Non-Article 5 Party