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**Ad Hoc Working Group on Further Commitments  
for Annex I Parties under the Kyoto Protocol**  
Seventeenth session, part two  
Doha, 27 November–\*

Agenda item 3

**Consideration of further commitments for Annex I Parties  
under the Kyoto Protocol**

**Outcome of the work of the Ad Hoc Working Group on  
Further Commitments for Annex I Parties under  
the Kyoto Protocol**

**Revised draft conclusions proposed by the Chair**

The Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol at the second part of its seventeenth session recommended the following draft decision for adoption by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its eighth session:

**Draft decision -/CMP.8**

**Amendment to the Kyoto Protocol pursuant to its Article 3,  
paragraph 9**

*The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol,*

*Recalling* Article 3, paragraph 9, Article 20, paragraph 2, and Article 21, paragraph 7, of the Kyoto Protocol,

*Recalling also* decisions 1/CMP.1 and 1/CMP.7,

*Recalling further* decision 1/CP.17,

*Emphasizing* the role of the Kyoto Protocol in the mitigation efforts by Parties included in Annex I,

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\* The second part of the session will be held in conjunction with the eighth session of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol. The closing date will be determined in due course.

*Recognizing* the urgent need for Parties to deposit their instruments of acceptance without delay in order to ensure the prompt entry into force of the amendment to the Kyoto Protocol contained in the annex to this decision,

*Desiring* to facilitate the broad participation of Parties included in Annex I in the second commitment period,

*Recognizing also* the need for continued smooth implementation of the Kyoto Protocol, including its mechanisms under Articles 6, 12 and 17, pending the entry into force of the amendment for the second commitment period,

[*Reaffirming* for the second commitment period the requirements for participation in the clean development mechanism, joint implementation and emissions trading under the Kyoto Protocol set out in, inter alia, decisions 2/CMP.1, 3/CMP.1, 9/CMP.1, 11/CMP.1, 13/CMP.1, 15/CMP.1, 22/CMP.1 and 27/CMP.1,]

*Taking note* also of decision 1/CP.18,

*Noting* the importance of continued progress of the Ad Hoc Working Group on the Durban Platform for Enhanced Action to adopt a protocol, another legal instrument or an agreed outcome with legal force as soon as possible but no later than 2015 and to come into effect and be implemented from 2020,

*Noting also* the progress on the workplan on enhancing mitigation ambition to identify and to explore options for a range of actions that can close the ambition gap with a view to ensuring the highest possible mitigation efforts by all Parties under the Ad Hoc Working Group on the Durban Platform for Enhanced Action,

[*Welcoming* the declaration[s] set out in the appendix to this decision, reiterating the commitments of Parties to the Kyoto Protocol to ensure there is not a legal gap between the first and second commitment period,]

## I.

1. *Adopts*, in accordance with Articles 20 and 21 of the Kyoto Protocol, the amendment set out in the annex to this decision;
2. *Requests* the secretariat to communicate the adopted amendment to the Depositary for circulation to all Parties for acceptance, in accordance with Articles 20 and 21 of the Kyoto Protocol;
3. *Calls* on all Parties to deposit as soon as possible with the Depositary their instruments of acceptance in respect of the amendment pursuant to Article 20 of the Kyoto Protocol with a view to expedite its entry into force;
4. *Reaffirms* that the second commitment period will begin on 1 January 2013 and *decides* that it will end on 31 December [2017][2020];

## II.

### Option 1

5. *Agrees* that in order to avoid a legal gap and to facilitate a smooth transition between the first and second commitment periods, each Party will provisionally apply from 1 January 2013 the amendment to the Kyoto Protocol contained in the annex to this decision pending its entry into force for that Party in accordance with Articles 20 and 21 of the Kyoto Protocol, except for a Party which notifies the Depositary in writing prior to 1 January 2013 that it is

not able to provisionally apply the amendment due to inconsistency with its constitution, laws or regulations, or its domestic processes or requirements. The notification to the Depository from an Annex I Party will also indicate how it intends to implement the amendment pending its entry into force;

6. *Decides* that a Party which notifies the Depository that it is not able to provisionally apply the amendment contained in the annex to this decision pending its entry into force will provisionally apply the amendment from the date on which it deposits its instrument of acceptance of the amendment;

#### Option 2

7. *Recognizes* that Parties may elect to provisionally apply the amendment pending its entry into force in accordance with Articles 20 and 21 of the Kyoto Protocol, and decides that Parties will provide notification of any such provisional application to the Depository;

8. *Decides also* that Parties that do not elect to provisionally apply the amendment under paragraph 7, will implement their commitments and other responsibilities in relation to the second commitment period, in a manner consistent with their national legislation or domestic processes, pending the entry into force of the amendment in accordance with Articles 20 and 21 of the Kyoto Protocol;

#### Option 3

9. *Decides* that, prior to the entry into force of the amendment in the annex to this decision in accordance with Articles 20 and 21 of the Kyoto Protocol, Parties to the Kyoto Protocol will apply their commitments and other responsibilities under the amendment to the Kyoto Protocol contained in the annex to this decision;

### III.

#### Option 1

10. *Requests* the Subsidiary Body for Implementation/Subsidiary Body for Scientific and Technological Advice to elaborate the modalities for the review referred to in [paragraph X in the annex to decision X/CMP.8] with the view to preparing relevant draft decisions for consideration and adoption by the CMP at its ninth session;

#### Option 2

[*Welcoming* the decision by a number of Parties included in Annex I to inscribe quantified emission limitation and reduction commitments for the second commitment period in the third column of Annex B [reflecting the top end of their pledged ranges]];

[*Understanding* the need for [still] higher ambition from all Parties [included in Annex I] during the course of the second commitment period, [consistent with their respective capabilities,] [with a view to achieving an aggregate reduction of greenhouse gas emissions not controlled by the Montreal Protocol by Parties included in Annex I of more than 45 per cent below 1990 levels by 2020,] and welcoming in this regard the contribution of the workplan on enhancing mitigation ambition under the Ad Hoc Working Group on the Durban Platform for Enhanced Action in accordance with decision 1/CP.17;]

11. [*Encourages* Parties with a commitment inscribed in the third column of Annex B to examine the feasibility of increasing their level of ambition as soon as possible;]

12. [*Decides* that each Party included in Annex I shall revisit][*Invites* each Party included in Annex I to consider decreasing the percentage inscribed in the third column of Annex B as] its quantified emission limitation and reduction commitment for the second commitment period [as soon as possible], [in order to increase the ambition of its commitment,] at the latest by [2014][2016][, through a decrease in the percentage inscribed in the third column of Annex B of its quantified emission limitation and reduction commitment, in line with an

aggregate reduction of greenhouse gas emissions not controlled by the Montreal Protocol by Parties included in Annex I of [at least 25 to 40 per cent][more than 45 per cent] below 1990 levels by 2020];<sup>1</sup>

13. *Decides also* that in order to ensure that [the][any] increase in ambition [referred to in Article 3, paragraphs 1 [ter][quater] and 1 [quater][quinquies]] is immediately effective, the Party concerned shall [cancel] a number of assigned amount units equivalent to the decrease in its quantified emission limitation and reduction commitment inscribed in the third column in Annex B[, as adjusted by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol,] through transferring these units to a cancellation account established in its national registry for this purpose, and immediately communicating such transfer to the secretariat;<sup>2</sup>

14. [[*Decides further that*][*Requests*] each Party with a quantified emission limitation and reduction commitment inscribed in the third column of Annex B for the second commitment period [shall][to] submit to the secretariat by [30 April 2013][1 January 2014][30 April 2014] information relating to [[its intention to increase][its consideration of increasing] the ambition of its commitment, including [measures it has in place to help towards this objective]][progress made towards achieving its quantified emission limitation and reduction commitment, the most recently updated projections for greenhouse gas emissions until the end of the second commitment period, and the potential for increasing ambition];]

15. [*Decides further that* the information submitted by Parties included in Annex I in accordance with the paragraph above shall be considered by Parties at [a structured and interactive in-session expert workshop open to observers][a high level ministerial roundtable] to be held during the first sessional period in [2013][2014], and requests the secretariat to prepare a [report of the workshop] for consideration by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its [ninth][tenth] session;]

16. [*Decides also that* the Conference of the Parties serving as the meeting of the Parties at its [ninth][tenth] session will consider any proposed adjustments by Parties and further activities relating to increasing the ambition of the quantified emission limitation and reduction commitments for the second commitment period inscribed in the third column of Annex B;]

#### [IV.

17. *Clarifies* that, for the second commitment period, Parties not included in Annex I continue to be able to participate in ongoing project activities under Article 12 of the Kyoto Protocol and in any project activities to be registered after 31 December 2012 in accordance with the provisions of the annex to decision 3/CMP.1 from 1 January 2013 onwards;

18. *Clarifies also* that from 1 January 2013 onwards a Party with a commitment inscribed in the third column of Annex B to the Kyoto Protocol as contained in the annex to this decision may continue to participate in ongoing project activities under Article 12 and in any project activities to be registered after 31 December 2012;

19. *Decides* that a Party referred to in paragraph 18 above shall be eligible to use certified emission reductions (CERs) valid for the second commitment period to contribute to compliance with part of its commitment under Article 3 of the Kyoto Protocol upon the entry

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<sup>1</sup> Alternative to proposed Article 3, paragraph 1 ter.

<sup>2</sup> Alternative to proposed Article 3, paragraph 1 [quinquies][sexies].

into force for it of the amendment contained in the annex to this decision and upon that Party meeting the requirements set out in paragraph 31 of the annex to decision 3/CMP.1;

20. *Decides*, with respect to international emissions trading under Article 17 of the Kyoto Protocol, that

Option 1

for the second commitment period, in the period from 1 January 2013 until the entry into force for it of the amendment contained in the annex to this decision, a Party referred to in paragraph 18 above shall be eligible to transfer and/or acquire CERs, assigned amount units (AAUs), emission reduction units (ERUs) and removal units (RMUs) where it:

(a) Is provisionally applying the amendment contained in the annex to this decision in accordance with [para. x of this decision] pending its entry into force; or

(b) Has deposited its instrument of acceptance of the amendment contained in the annex to this decision in accordance with Article 20, paragraph 4, of the Kyoto Protocol;

Option 2

(a) As of 1 January 2013, a Party referred to in paragraph 18 above whose eligibility has been established in accordance with the provisions of paragraph 3 of the annex to decision 11/CMP.1 in the first commitment period, shall be eligible to transfer and acquire CERs, [assigned amount units (AAUs), emission reduction units (ERUs) and removal units (RMUs)] valid for the second commitment period under Article 17 of the Kyoto Protocol, subject to the provisions of paragraph 3(b) of the annex to decision 11/CMP.1;

(b) Paragraph 2(b) of the annex to decision 11/CMP.1 shall apply to such Party only upon calculation and recording of its assigned amount for the second commitment period;

21. *Requests* the Subsidiary Body for Implementation to consider modalities for expediting the establishment of eligibility of Parties referred to in paragraph 18 above whose eligibility has not been established in the first commitment period;

22. [*Decides further* that the eligibility referred to in paragraph 19 above shall expire on 1 July 2014 unless the Party provisionally applies the amendments contained in the annex to this decision in accordance with paragraph [x] above or unless and until the Party deposits its instrument of acceptance of the amendments in accordance with Articles 20 and 21 of the Kyoto Protocol;]

23. [*Decides*][*Clarifies*], with respect to joint implementation under Article 6 of the Kyoto Protocol that

Option 1

for the second commitment period, in the period from 1 January 2013 and the entry into force for it of the amendment contained in the annex to this decision, a Party referred to in paragraph 18 above shall be eligible to issue, transfer and/or acquire ERUs provided that:

(a) It is provisionally applying the amendment contained in the annex to this decision in accordance with [para. x of this decision] pending its entry into force; or

(b) It has deposited its instrument of acceptance of the amendment contained in the annex to this decision in accordance with Article 20, paragraph 4, of the Kyoto Protocol;

Option 2

a Party referred to in paragraph 18 above can host projects under Article 6 of the Kyoto Protocol for the second commitment period and *requests* the Subsidiary Body for Implementation to explore modalities for expediting the continued issuance, transfer and acquisition of ERUs under Article 6 for the second commitment period with respect to Parties referred to in paragraph 18 above;

Option 3

in the period between 1 January 2013 and the entry into force for it of the amendment contained in the annex to this decision, a Party referred to in paragraph 18 above may issue, transfer or acquire ERUs for emission reductions in the second commitment period, subject to section XV of the annex to decision 27/CMP.1, and that the corresponding amount of AAUs or RMUs valid for the second commitment period shall be deducted from the Party's national registry once they have been issued;

24. *[Decides that eligibility of a Party referred to in paragraph 18 above to issue ERUs for emission reductions in the second commitment period, and transfer or acquire ERUs valid for the second commitment period shall expire on 1 July 2014 unless the Party provisionally applies the amendment contained in the annex to this decision in accordance with paragraph [x] above or unless the Party deposits its instrument of acceptance of the amendment in accordance with Articles 20 and 21 of the Kyoto Protocol;]*

25. *Clarifies that Parties included in Annex I which do not have commitments inscribed in the third column of Annex B to the Kyoto Protocol as contained in the annex to this decision*

Option 1

shall not be eligible to participate in the activities under Article 6, 12 and 17 of the Kyoto Protocol in relation to the second commitment period pending further consideration of this matter by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol;

Option 2

shall be eligible to transfer and acquire CERs [ERUs] [AAUs] and [RMUs] valid for the second commitment period;

Option 3

may, subject to the provisions of section XV of the annex to decision 27/CMP.1, participate in joint implementation projects under Article 6 and project activities under Article 12 of the Kyoto Protocol and may transfer and acquire CERs, ERUs, AAUs and RMUs valid for the second commitment period, provided that it meets the requirements of subparagraphs (a), (c), (d) and (e) of paragraph 31 of the annex to decision 3/CMP.1, paragraph 21 of the annex to decision 9/CMP.1 and paragraph 2 of the annex to decision 11/CMP.1 respectively, and provided that it submits supplementary information on CERs, ERUs, AAUs and RMUs, in accordance with Article 7, paragraph 1, and the requirements of the guidelines decided thereunder;

26. *Requests the Subsidiary Body for Implementation, at its thirty-eighth session, to consider, with a view to making recommendations to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its ninth session obligations in relation to reporting by Parties referred to in paragraph 25 above in accordance with Article 7 and review under Article 8 of the Kyoto Protocol and the relevant decisions of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol;*<sup>3</sup>

27. *Decides that the provisions of the second sentence of paragraph 31(e) of the annex to decision 3/CMP.1, the second sentence of subparagraph 21(e) of the annex to decision 9/CMP.1 and the second sentence of paragraph 2(e) of the annex to decision 11/CMP.1 shall be extended to apply to the second commitment period;*

28. *Decides also with regard to paragraphs 6 to 10 of the annex to decision 11/CMP.1 that for the purposes of the second commitment period:*

(a) They shall apply to a Party referred to in paragraph 18 above only upon calculation and recording of its assigned amount for the second commitment period;

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<sup>3</sup> This paragraph is proposed in connection with options 2 and 3 only.

(b) [They shall not apply to a Party referred to in paragraph 25 above;]

(c) Any references to Article 3, paragraphs 7 and 8, of the Kyoto Protocol shall be read as references to Article 3, paragraphs 7 bis, 8 and 8 bis, of the Kyoto Protocol[.];]

(d) [The reference to “five times its mostly recently reviewed inventory” in paragraph 6 of the annex to decision 11/CMP.1 shall be read as “eight times its most recently reviewed inventory;]

29. *Decides further* that paragraph 23 of the annex to decision 13/CMP.1 shall not apply for the purposes of the second commitment period for transactions referred to in paragraph[s] 20 [and 23] above;]]

## V.

### Option 1

No text

### Option 2

30. *Decides* that the share of proceeds referred to in Article 12, paragraph 8, of the Kyoto Protocol, and decision 17/CP.7, paragraph 15(a), shall be increased to [5] per cent of the CERs issued for project activities registered after [31 December 2014];

31. *Decides also* that the Adaptation Fund shall be further augmented through a [5%] share of the proceeds levied on: the first international transfers of AAUs; the issuance of ERUs for Article 6 projects immediately upon the conversion of AAUs or RMUs previously held by Parties to ERUs; and upon the issuance of RMUs from activities under Article 3, paragraphs 3 and 4;

32. *Reaffirms* that in accordance with decision 17/CP.7 clean development mechanism project activities in least developed country Parties shall continue to be exempt from the share of proceeds to assist with the costs of adaptation;

## VI.

33. *Takes note* of decision -/CMP.8 on the implications of the implementation of decisions 2/CMP.7 to 5/CMP.7 on the previous CMP decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8;<sup>4</sup>

34. *Requests* the Subsidiary Body for Scientific and Technological Advice to take into account the provisions of this decision in its work pursuant to paragraphs {x} of decision -/CMP.8;<sup>5</sup>

35. *Requests also* the secretariat and the relevant bodies under the Kyoto Protocol to take all necessary measures to facilitate the implementation of this decision;

[36. *Decides* that the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol has fulfilled the mandate set out in decision 1/CMP.1, and that its work is hereby concluded.]]

<sup>4</sup> Decision on implications of the implementation of decisions 2/CMP.7 to 5/CMP.7 on the previous decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8 of the Kyoto Protocol (FCCC/KP/CMP/2010/L.4).

<sup>5</sup> Decision -/CMP.8 on the implications of the implementation of decisions 2/CMP.7 to 5/CMP.7 on the previous CMP decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8

## Annex

## Article 1: Amendment

## [A. Annex B to the Kyoto Protocol

The following table shall replace the table in Annex B to the Protocol:

## Option 1

<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>Party</i>	<i>Quantified emission limitation or reduction commitment (2008–2012) (percentage of base year or period)</i>	<i>Quantified emission limitation or reduction commitment (2013–2020) (percentage of base year or period)</i>	<i>Reference year<sup>1</sup></i>	<i>Quantified emission limitation or reduction commitment (2013–2020) (expressed as percentage of reference year)<sup>1</sup></i>	<i>Pledges for the reduction of greenhouse gas emissions by 2020 (percentage of reference year)<sup>2</sup></i>
Australia	108	99.5	2000	98	–5 to –15% or –25% <sup>3</sup>
Austria	92	80 <sup>4</sup>	NA	NA	
Belarus <sup>5*</sup>		88	1990	NA	–8%
Belgium	92	80 <sup>4</sup>	NA	NA	
Bulgaria*	92	80 <sup>4</sup>	NA	NA	
Croatia*	95	80 <sup>6</sup>	NA	NA	–20%/–30% <sup>7</sup>
Cyprus		80 <sup>4</sup>	NA	NA	
Czech Republic*	92	80 <sup>4</sup>	NA	NA	
Denmark	92	80 <sup>4</sup>	NA	NA	
Estonia*	92	80 <sup>4</sup>	NA	NA	
European Union	92	80 <sup>4</sup>	1990	NA	–20%/–30% <sup>7</sup>
Finland	92	80 <sup>4</sup>	NA	NA	
France	92	80 <sup>4</sup>	NA	NA	
Germany	92	80 <sup>4</sup>	NA	NA	
Greece	92	80 <sup>4</sup>	NA	NA	
Hungary*	94	80 <sup>4</sup>	NA	NA	
Iceland	110	80 <sup>8</sup>	NA	NA	
Ireland	92	80 <sup>4</sup>	NA	NA	
Italy	92	80 <sup>4</sup>	NA	NA	
Kazakhstan*		95	1990	95	–7%
Latvia*	92	80 <sup>4</sup>	NA	NA	
Liechtenstein	92	84	1990	84	–20%/–30% <sup>9</sup>
Lithuania*	92	80 <sup>4</sup>	NA	NA	
Luxembourg	92	80 <sup>4</sup>	NA	NA	



1	2	3	4	5	6
<i>Party</i>	<i>Quantified emission limitation or reduction commitment (2008–2012) (percentage of base year or period)</i>	<i>Quantified emission limitation or reduction commitment (2013–2020) (percentage of base year or period)</i>	<i>Reference year<sup>1</sup></i>	<i>Quantified emission limitation or reduction commitment (2013–2020) (expressed as percentage of reference year)<sup>1</sup></i>	<i>Pledges for the reduction of greenhouse gas emissions by 2020 (percentage of reference year)<sup>2</sup></i>
Malta		80 <sup>4</sup>	NA	NA	
Monaco	92	78	1990	78	–30%
Netherlands	92	80 <sup>4</sup>	NA	NA	
Norway	101	84	1990	84	–30% to –40% <sup>10</sup>
Poland*	94	80 <sup>4</sup>	NA	NA	
Portugal	92	80 <sup>4</sup>	NA	NA	
Romania*	92	80 <sup>4</sup>	NA	NA	
Slovakia*	92	80 <sup>4</sup>	NA	NA	
Slovenia*	92	80 <sup>4</sup>	NA	NA	
Spain	92	80 <sup>4</sup>	NA	NA	
Sweden	92	80 <sup>4</sup>	NA	NA	
Switzerland	92	84.2	1990	NA	–20% to –30% <sup>11</sup>
Ukraine*	100	76 <sup>12</sup>	1990	NA	–20%
United Kingdom of Great Britain and Northern Ireland	92	80 <sup>4</sup>	NA	NA	
<i>Party</i>	<i>Quantified emission limitation or reduction commitment (2008–2012) (percentage of base year or period)</i>				
Canada <sup>4</sup>	94				
Japan <sup>13</sup>	94				
New Zealand <sup>14</sup>	100				
Russian Federation <sup>15*</sup>	100				

*Abbreviation:* NA = not applicable.

\* Countries that are undergoing the process of transition to a market economy.

<sup>1</sup> A reference year may be used by a Party on an optional basis for its own purposes to express its quantified emission limitation or reduction commitment (QELRC) as a percentage of emissions of that year, that is not internationally binding under the Kyoto Protocol, in addition to the listing of its QELRC in relation to the base year in the second and third columns of this table, which are internationally legally binding.

<sup>2</sup> Further information on these pledges can be found in documents FCCC/SB/2011/INF.1/Rev.1 and FCCC/KP/AWG/2012/MISC.1, Add.1 and Add.2.

- <sup>3</sup> Australia's QELRC under the second commitment period of the Kyoto Protocol is consistent with the achievement of Australia's unconditional 2020 target of 5 per cent below 2000 levels. Australia retains the option later to move up within its 2020 target of 5 to 15, or 25 per cent below 2000 levels, subject to certain conditions being met. This reference retains the status of these pledges as made under the Cancun Agreements and does not amount to a new legally binding commitment under this Protocol or its associated rules and modalities.
- <sup>4</sup> The QELRCs for the European Union and its member States for a second commitment period under the Kyoto Protocol are based on the understanding that these will be fulfilled jointly with the European Union and its member States, in accordance with Article 4 of the Kyoto Protocol. The QELRCs are without prejudice to the subsequent notification by the European Union and its member States of an agreement to fulfil their commitments jointly in accordance with the provisions of the Kyoto Protocol.
- <sup>5</sup> Added to Annex B by an amendment adopted pursuant to decision 10/CMP.2. This amendment has not yet entered into force.
- <sup>6</sup> Croatia's QELRC for a second commitment period under the Kyoto Protocol is based on the understanding that it will fulfil this QELRC jointly with the European Union and its member States, in accordance with Article 4 of the Kyoto Protocol. As a consequence, Croatia's accession to the European Union shall not affect its participation in such joint fulfilment agreement pursuant to Article 4 or its QELRC.
- <sup>7</sup> As part of a global and comprehensive agreement for the period beyond 2012, the European Union reiterates its conditional offer to move to a 30 per cent reduction by 2020 compared to 1990 levels, provided that other developed countries commit themselves to comparable emission reductions and developing countries contribute adequately according to their responsibilities and respective capabilities.
- <sup>8</sup> The QELRC for Iceland for a second commitment period under the Kyoto Protocol is based on the understanding that it will be fulfilled jointly with the European Union and its member States, in accordance with Article 4 of the Kyoto Protocol.
- <sup>9</sup> The QELRC presented in column three refers to a reduction target of 20 per cent by 2020 compared to 1990 levels. Liechtenstein would consider a higher reduction target of up to 30 per cent by 2020 compared to 1990 levels under the condition that other developed countries commit themselves to comparable emission reductions and that economically more advanced developing countries contribute adequately according to their responsibilities and respective capabilities.
- <sup>10</sup> Norway's QELRC of 84 is consistent with its target of 30 per cent reduction of emissions by 2020, compared to 1990. If it can contribute to a global and comprehensive agreement where major emitting Parties agree on emission reductions in line with the 2 C target, Norway will move to a level of 40 per cent reduction for 2020 based on 1990 levels. This reference retains the status of the pledge made under the Cancun Agreements and does not amount to a new legally binding commitment under this Protocol.
- <sup>11</sup> The QELRC presented in column three of this table refers to a reduction target of 20 per cent by 2020 compared to 1990 levels. Switzerland would consider a higher reduction target up to 30 per cent by 2020 compared to 1990 levels subject to comparable emission reduction commitments from developed countries and adequate contribution from developing countries according to their responsibilities and capabilities. This pledge is made under the Cancun Agreements and does not amount to a new legally binding commitment under this Protocol or its associated rules and modalities.
- <sup>12</sup> Should be full carry-over and there is no acceptance of any cancellation or any limitation on use of this legitimately acquired sovereign property.
- <sup>13</sup> In a communication dated 10 December 2010, Japan indicated that it does not have any intention to be under obligation of the second commitment period of the Kyoto Protocol after 2012.
- <sup>14</sup> New Zealand remains a Party to the Kyoto Protocol. It will be taking a quantified economy-wide emission reduction target under the United Nations Framework Convention on Climate Change in the period 2013 to 2020.
- <sup>15</sup> In a communication dated 8 December 2010 that was received by the secretariat on 9 December 2010, the Russian Federation indicated that it does not intend to assume a quantitative emission limitation or reduction commitment for the second commitment period.

*Publisher's notes:*

<sup>a</sup> On 15 December 2011, the Depositary received written notification of Canada's withdrawal from the Kyoto Protocol. This action will become effective for Canada on 15 December 2012.

## Option 2

## Annex B

<i>1</i>	<i>2</i>	<i>3</i>
<i>Party</i>	<i>Quantified emission limitation or reduction commitment (2008–2012) (percentage of base year or period)</i>	<i>Quantified emission limitation or reduction commitment (2013–2017) (percentage of base year or period)<sup>1</sup></i>
Australia <sup>1</sup>	108	93 <sup>2</sup>
Austria	92	80
Belgium	92	80
Belarus* <sup>+</sup>	92	65
Bulgaria*	92	80
Canada	94	Withdrawn <sup>#</sup>
Croatia* <sup>3</sup>	95	80
Cyprus		80
Czech Republic*	92	80
Denmark	92	80
Estonia*	92	80
European Community <sup>3</sup>	92	80
Finland	92	80
France	92	80
Germany	92	80
Greece	92	80
Hungary*	94	80
Iceland <sup>3</sup>	110	80
Ireland	92	80
Italy	92	80
Japan	94	No QELRC
Kazakhstan <sup>^</sup>	100	73
Latvia*	92	80
Liechtenstein	92	81
Lithuania*	92	80

<sup>1</sup> Decision 1/CMP.6 agreed that a reference year may be used by a Party on an optional basis for its own purposes to express its quantified emission limitation or reduction commitment (QELRC) as a percentage of emission of that year, that is not internationally binding under the Kyoto Protocol, in addition to the listing of its QELRC in relation to the base year in the second and third columns of this table, which are internationally legally binding.

<sup>2</sup> This commitment would be 90 if calculated instead as a percentage of emission reductions relative to Australia's reference year of 2000.

<sup>3</sup> The commitments for the European Union and its member States for the second commitment period under the Kyoto Protocol will be fulfilled jointly by the European Union and its member States, Croatia and Iceland, in accordance with Article 4 of the Kyoto Protocol.

<i>1</i>	<i>2</i>	<i>3</i>
<i>Party</i>	<i>Quantified emission limitation or reduction commitment (2008–2012) (percentage of base year or period)</i>	<i>Quantified emission limitation or reduction commitment (2013–2017) (percentage of base year or period)<sup>1</sup></i>
Luxembourg	92	80
Malta		80
Monaco	92	81
Netherlands	92	80
New Zealand	100	90
Norway	101	81
Poland*	94	80
Portugal	92	80
Romania*	92	80
Russian Federation*	100	No QELRC
Slovakia*	92	80
Slovenia*	92	80
Spain	92	80
Sweden	92	80
Switzerland	92	81
Ukraine*	100	46
United Kingdom of Great Britain and Northern Ireland	92	80
United States of America <sup>&amp;</sup>	94	No QELRC

\* Countries undergoing the process of transition to a market economy.

<sup>+</sup> First commitment period quantified emission limitation or reduction commitment had been adopted but had not entered into force as at [date].

<sup>^</sup> Proposed first commitment period target.

<sup>&</sup> Has not yet ratified the Kyoto Protocol.

<sup>#</sup> Notice of withdrawal from the Kyoto Protocol submitted, to become effective on 15 December 2012.]

## B. Annex A to the Kyoto Protocol

The following table shall replace the list under the heading “Greenhouse gases” in Annex A to the Protocol:

### Greenhouse gases

Carbon dioxide (CO<sub>2</sub>)

Methane (CH<sub>4</sub>)

Nitrous oxide (N<sub>2</sub>O)

Hydrofluorocarbons (HFCs)

Perfluorocarbons (PFCs)

Sulphur hexafluoride (SF<sub>6</sub>)

Nitrogen trifluoride (NF<sub>3</sub>)<sup>1</sup>

## C. Article 3, paragraph 1 bis

The following paragraph shall be inserted after paragraph 1 of Article 3 of the Protocol:

### Option 1

1 bis. The Parties included in Annex I shall, individually or jointly, ensure that their aggregate anthropogenic carbon dioxide equivalent emissions of the greenhouse gases listed in Annex A do not exceed their assigned amounts, calculated pursuant to their quantified emission limitation and reduction commitments inscribed in the third column of the table contained in Annex B and in accordance with the provisions of this Article, with a view to reducing their overall emissions of such gases by at least [X] per cent below 1990 levels in the commitment period 2013 to [2017][2020].

### Option 2

1 bis. The Parties included in Annex I shall individually or jointly, ensure that their aggregate anthropogenic carbon dioxide equivalent emissions of greenhouse gases listed in Annex A do not exceed their assigned amounts, calculated pursuant to their quantified emission limitation and reduction commitments inscribed in Annex B and in accordance with the provisions of this Article with a view to reducing their overall emissions of such gases by at least [33] per cent below 1990 levels by the end of the second commitment period 2013 to 2017.

## D. Article 3, paragraph 1 ter

### Option 1

There will be no amendment relating to this matter (*but see paragraphs 12 of the draft decision text*).

### Option 2

The following paragraph shall be inserted after paragraph 1 bis of Article 3 of the Kyoto Protocol:

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<sup>1</sup> Applies only from the beginning of the second commitment period.

1 ter. Each Party included in Annex I shall revisit its quantified emission limitation and reduction commitment for the second commitment period as soon as possible, in order to increase the ambition of its commitment, at the latest by 2014, through a decrease in the percentage inscribed in the third column of the table contained in Annex B as its quantified emission limitation and reduction commitment inscribed, in line with an aggregate reduction of greenhouse gas emission not controlled by the Montreal Protocol by Parties included in Annex I of [at least 25 to 40 per cent][more than 45 per cent] below 1990 levels by 2020.

Option 3

The following paragraph shall be inserted after paragraph 1 bis of Article 3 of the Protocol:

1 ter. Parties shall review the quantified emission limitation and reduction commitments inscribed in the third column of the table contained in Annex B at the latest by [2015] with a view to strengthening these commitments in line with an overall reduction of emissions of such gases by Annex I Parties of at least 25 to 40 per cent below 1990 levels in 2020.

**E. Article 3, paragraph 1 [ter][quater]**

Option 1

There will be no amendment relating to this matter.

Option 2

The following paragraph shall be inserted after paragraph 1 [bis][ter] of Article 3 of the Protocol:

1 [ter][quater]. A Party included in Annex B may propose an adjustment to decrease the percentage of its quantified emission limitation and reduction commitment inscribed in the third column of the table contained in Annex B [in accordance with Article 3, paragraph 1 ter, above]. A proposal for such an adjustment shall be communicated to the Parties by the secretariat at least [three][six] months before the meeting of the Conference of the Parties serving as the meeting of the Parties at which it is proposed for adoption.

Option 3

The following paragraph shall be inserted after paragraph 1 [bis][ter] of Article 3 of the Protocol:

1 [ter] [quater]. A Party included in Annex I may, at any time, propose to decrease the percentage of its quantified emission limitation objectives inscribed in the third column of the table contained in Annex B, with a view to strengthening its commitments under this Protocol.

**F. Article 3, paragraph 1 [quater][quinquies]**

Option 1

There will be no amendment relating to this matter.

Option 2

The following paragraph shall be inserted after paragraph 1 [ter][quater] of Article 3 of the Protocol:

1 [quater][quinquies]. An adjustment proposed by a Party included in Annex I to increase the ambition of its quantified emission limitation and reduction commitment in

accordance with Article 3, paragraph 1 [ter][quater] above shall be considered adopted by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol unless more than three-quarters of the Parties present and voting object to its adoption. The adopted adjustment shall be communicated by the secretariat to the Depositary, who shall circulate it to all Parties, and shall enter into force on 1 January of the year following the communication by the Depositary. Such adjustments shall be binding upon Parties.

Option 3

See new proposed paragraph 8 of Article 21 (first subparagraph).

**G. Article 3, paragraph 1 [quinqies][sexies]**

Option 1

There will be no amendment relating to this matter (*but see paragraph 13 of the proposed decision text*).

Option 2

The following paragraph shall be inserted after paragraph 1 [quater][quinqies] of Article 3 of the Protocol:

1 [quinqies][sexies]. In order to ensure that the increase in ambition referred to in Article 3, paragraph 1 [ter][quater] above, is immediately effective, the Party concerned shall cancel a number of assigned amount units equivalent to the decrease in its quantified emission limitation and reduction commitment inscribed in the third column of Annex B, as adjusted by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, through transferring these units to a cancellation account established in its national registry for this purpose, and immediately communicating such transfer to the secretariat.

Option 3

See new proposed paragraph 8 of Article 21 (second subparagraph).

**H. Article 3, paragraph 7 bis**

The following paragraph shall be inserted after paragraph 7 of Article 3 of the Protocol:

Option 1

7 bis. In the second quantified emission limitation and reduction commitment period, from 2013 to [2017][2020], the assigned amount for each Party included in Annex I shall be equal to the percentage inscribed for it in the third column of the table contained in Annex B of its aggregate anthropogenic carbon dioxide equivalent emissions of the greenhouse gases listed in Annex A in 1990, or the base year or period determined in accordance with paragraph 5 above, multiplied by [five][eight]. Those Parties included in Annex I for whom land-use change and forestry constituted a net source of greenhouse gas emissions in 1990 shall include in their 1990 emissions base year or period the aggregate anthropogenic carbon dioxide equivalent emissions by sources minus removals by sinks in 1990 from land-use change for the purposes of calculating their assigned amount.

Option 2

7 bis. In the second quantified emission limitation and reduction commitment period, from 2013 to [2017][2020], the assigned amount for each Party included in Annex I shall be equal to the percentage inscribed for it in Annex B of its aggregate anthropogenic carbon

dioxide equivalent emissions of the greenhouse gases listed in Annex A in 1990, or the base year or period determined in accordance with paragraph 5 above, multiplied by [five][eight].

**I. Article 3, paragraph 7 ter**

Option 1

There will be no amendment relating to this matter.

Option 2

The following paragraph shall be inserted after paragraph 7 bis of Article 3 of the Protocol:

7 ter. Each Party's quantified emission reduction or limitation commitment for the second commitment period, set out in column 3 of Annex B, shall correspond to that Party's level of emissions at the midpoint of the second commitment period, assuming a straight line emissions trajectory connecting: (a) the level of emissions associated with each Party's first commitment period quantified emission limitation or reduction commitment at the midpoint of the first commitment period (2010), and (b) the level of emissions associated with the value of each Party's most ambitious pledged emission reduction target for 2020 or a value representing a greater absolute reduction in emissions related to the base year or period.

**J. Article 3, paragraph 7 [ter][quater]**

Option 1

There will be no amendment relating to this matter.

Option 2

The following paragraph shall be inserted after paragraph 7 [bis][ter] of Article 3 of the Protocol:

7 [ter][quater]. The assigned amount for any Party in the second commitment period shall not exceed the lower of:

(a) An amount equal to the percentage inscribed for it in column 2 of Annex B of its aggregate anthropogenic carbon dioxide equivalent emissions of the greenhouse gases listed in Annex A for the first commitment period, multiplied by the length in years of the second commitment period; or

(b) An amount equal to that Party's verified emissions of its aggregate anthropogenic carbon dioxide equivalent emissions of the greenhouse gases listed in Annex A in 2008, based on its 2010 inventory report, multiplied by the length in years of the second commitment period.

**K. Article 3, paragraph 8**

In paragraph 8 of Article 3 of the Protocol, the words:

paragraph 7

shall be substituted by:

paragraph 7 bis



**L. Article 3, paragraph 8 bis**

The following paragraph shall be inserted after paragraph 8 of Article 3 of the Protocol:

8 bis. Any Party included in Annex I may use 1995 or 2000 as its base year for nitrogen trifluoride for the purpose of the calculation referred to in paragraph 7 bis above.

**M. Article 3, paragraph 9 bis**Option 1

There will be no amendment relating to this matter.

Option 2

The following paragraph shall be inserted after paragraph 9 of Article 3 of the Protocol:

9 bis. The Conference of the Parties serving as the meeting of the Parties to this Protocol shall initiate the consideration of further commitments for Annex I Parties sufficiently in advance of any commitment period.

**N. Article 3, paragraphs 12 bis and ter**

The following paragraphs shall be inserted after paragraph 12 of Article 3 of the Protocol:

Option 1

12 bis. Any units generated from market-based mechanisms to be established under the Convention or its instruments may be used by Parties included in Annex I to assist them in achieving compliance with their quantified emission limitation and reduction commitments under Article 3. Any such units which a Party acquires from another Party to the Convention shall be added to the assigned amount for the acquiring Party and subtracted from the quantity of units held by the transferring Party.

12 ter. The Conference of the Parties serving as the meeting of the Parties to this Protocol shall ensure that, where units from approved activities under market-based mechanisms referred to in paragraph 12 bis above are used by Parties included in Annex I to assist them in achieving compliance with their quantified emission limitation and reduction commitments under Article 3, a share of these units is used to cover administrative expenses, as well as to assist developing country Parties that are particularly vulnerable to the adverse effects of climate change to meet the costs of adaptation if these units are acquired under Article 17.

Option 2

There will be no amendment relating to this matter.

**O. Article 3, paragraph[s] [13,] 13 bis [and ter]**Option 1

There will be no amendment relating to this matter.

Option 2

Paragraph 13 of Article 3 of the Protocol shall be replaced by the following paragraph:

13. If the emissions of a Party included in Annex I in a commitment period are less than its assigned amount under this Article, this difference shall, on request of that Party, be carried over to the subsequent commitment period, as follows:

(a) Any certified emission reductions held in that Party's national registry that have not been retired for that commitment period or cancelled may be carried over to the subsequent commitment period, up to a maximum of 2.5 per cent of the assigned amount for that commitment period;

(b) Any emission reduction units or assigned amount units held in that Party's national registry that have not been retired for that commitment period or cancelled shall be transferred to a Previous Period Surplus Reserve account of the subsequent commitment period, to be established in its national registry, and shall remain in that account in its national registry.

The following paragraphs shall be inserted after paragraph 13 of Article 3 of the Protocol:

13 bis. The difference between the assigned amount of the second commitment period for a Party included in the Annex I and the emissions in the last year of the first commitment period multiplied by [five][eight] shall be transferred to the cancellation account of that Party.

13 ter. Units of a Party's Previous Period Surplus Reserve account shall be used for retirement during the additional period for fulfilling commitments of the second commitment period up to the extent by which emissions during the second commitment period exceed the assigned amount for that commitment period, as defined in Article 3, paragraphs 7 and 8, of the Kyoto Protocol. Any remaining units in that Party's Previous Period Surplus Reserve shall be cancelled.

### Option 3

Paragraph 13 of Article 3 of the Protocol shall be replaced by the following paragraph:

13 bis. Each Party electing to carry-over to the subsequent commitment period the difference between its assigned amount under Article 3 of the Kyoto Protocol and its emissions in a commitment period in accordance with Article 3, paragraph 13:

(a) Has to transfer this difference between its assigned amount under Article 3 of the Kyoto Protocol and its emissions in a commitment period in accordance with Article 3, paragraph 13, to the previous period surplus reserve to be established under its national registry;

(b) May use assigned amount units from the previous period surplus reserve to a maximum of [2.5 per cent of the assigned amount pursuant to Article 3, paragraphs 7 and 8, of that Party] [X<sup>2</sup> million tonnes carbon dioxide equivalent] to meet its commitments under Article 3, paragraph [1] in the second commitment period;

(c) Has to cancel at the end of the true-up period of the second commitment period the remaining units in the previous period surplus reserve that have not been used for fulfilling own commitments in the second commitment period;

(d) Has to put carried-over emission reduction units in accordance to decision 13/CMP.1 into the previous period surplus reserve at the end of the true-up period of the second commitment period;

(e) Has to cancel the emission reduction units referred to in paragraph (d) above following the expiration of the true-up period of the second commitment period;

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<sup>2</sup> X: [100] or [150].

(f) Has to cancel, following the expiration of any true-up period, the following units not used for fulfilling a commitment under the Kyoto Protocol:

- (i) Assigned amount units that are not in the previous period surplus reserve and assigned amount units remaining after the end of the true-up period of the second commitment period;
- (ii) Emission reduction units and certified emission reductions that have not been carried-over;
- (iii) Emission reduction units that are not in the previous period surplus reserve at the end of the true-up period of the second commitment period;
- (iv) Removal units.

## **P. Article 3, paragraph 15**

### Option 1

There will be no amendment relating to this matter.

### Option 2

The following paragraph shall be inserted after paragraph 14 of Article 3 of the Protocol:

15. Parties included in Annex I may, at any time, revise their quantified emission limitation and reduction commitments inscribed in Annex B, with a view to strengthening their commitments under this Protocol. In order to ensure that such revision is immediately effective, by means of a decrease in a Party's quantified emission limitation and reduction commitment, the concerned Party may forfeit part of its assigned amount units, transferring these units to a cancellation account established for this purpose, under its national registry, and communicating such a transfer to the secretariat thereafter.

## **Q. Article 4, paragraph 2**

The following words shall be added to the end of the first sentence of paragraph 2 of Article 4 of the Protocol:

, or on the date of deposit of their instruments of acceptance of any amendment to Annex B pursuant to Article 3, paragraph 9

## **R. Article 4, paragraph 3**

In paragraph 3 of Article 4 of the Protocol, the words:

, paragraph 7

shall be substituted by:

to which it relates

## **S. Article 18, paragraph 2**

### Option 1

There will be no amendment relating to this matter.

Option 2

The current paragraph of Article 18 of the Protocol shall be numbered as paragraph 1 and the following new paragraph shall be inserted after paragraph 1 of Article 18 as paragraph 2 of Article 18:

2. In accordance with paragraph 1 above, the procedures and mechanisms relating to compliance under this Protocol adopted by decision 27/CMP.1 of the Conference of the Parties serving as the meeting of the Parties to this Protocol shall apply. Further procedures and mechanisms to address cases of non-compliance under paragraph 1 above shall be adopted by the Conference of the Parties serving as the meeting of the Parties to this Protocol.

**T. Article 21, paragraphs 8 and 9**

Option 1

There will be no amendment relating to this matter.

Option 2

The following paragraphs shall be inserted after paragraph 7 of Article 21 of the Protocol:

8. As an exception to paragraph 7 above, a proposal by a Party included in Annex B to increase the ambition of its quantified emission limitation and reduction commitments inscribed in the third column of the table contained in Annex B through an amendment decreasing this percentage shall be considered adopted unless more than three-quarters of the Parties present and voting at the meeting object to its adoption. The adopted amendment shall be communicated by the secretariat to the Depositary, who shall circulate it to all Parties, and shall enter into force on 1 January of the year following the communication by the Depositary.

9. In order to ensure that an increase in ambition pursuant to paragraph 8 above is immediately effective, the concerned Party shall cancel a number of assigned amount units equivalent to the increase in ambition, through transferring these units to a cancellation account established in its national registry for this purpose, and immediately communicate such transfer to the secretariat.

**Article 2: Entry into force**

This amendment shall enter into force in accordance with Articles 20 and 21 of the Kyoto Protocol.

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