



SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE

**Report of the Subsidiary Body for Scientific and Technological Advice
on its thirty-first session,
held in Copenhagen from 8 to 12 December 2009**

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I. Opening of the session

(Agenda item 1)

1. The thirty-first session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) was held at the Bella Center, Copenhagen, Denmark, from 8 to 12 December 2009.
2. The Chair of the SBSTA, Ms. Helen Plume (New Zealand), opened the session and welcomed all Parties and observers. She also welcomed Mr. Purushottam Ghimire (Nepal) as Rapporteur of the SBSTA.

II. Organizational matters

(Agenda item 2)

A. Adoption of the agenda

(Agenda item 2 (a))

3. At its 1st meeting, on 8 December, the SBSTA considered a note by the Executive Secretary containing the provisional agenda and annotations (FCCC/SBSTA/2009/4). Statements were made by representatives of 12 Parties, including one speaking on behalf of the Group of 77 and China, one on behalf of the Alliance of Small Island States (AOSIS), one on behalf of the Umbrella Group, one on behalf of the least developed countries, one on behalf of the European Union and its member States, and one on behalf of the Environmental Integrity Group (EIG).
4. At the same meeting, following the proposal of the Chair, the SBSTA adopted the agenda without amendment, as follows:
 1. Opening of the session.
 2. Organizational matters:
 - (a) Adoption of the agenda;
 - (b) Organization of the work of the session;
 - (c) Election of officers other than the Chair;
 - (d) Election of replacement officers.
 3. Nairobi work programme on impacts, vulnerability and adaptation to climate change.
 4. Development and transfer of technologies.
 5. Reducing emissions from deforestation in developing countries: approaches to stimulate action.
 6. Research and systematic observation.
 7. Methodological issues under the Convention:
 - (a) Annual report on the technical review of greenhouse gas inventories from Parties included in Annex I to the Convention;
 - (b) Emissions from fuel used for international aviation and maritime transport.

8. Methodological issues under the Kyoto Protocol:
 - (a) Implications of the establishment of new hydrochlorofluorocarbon-22 (HCFC-22) facilities seeking to obtain certified emission reductions for the destruction of hydrofluorocarbon-23 (HFC-23);
 - (b) Carbon dioxide capture and storage in geological formations as clean development mechanism project activities;
 - (c) Common metrics to calculate the CO₂ equivalence of greenhouse gases.
9. Matters relating to Article 2, paragraph 3, of the Kyoto Protocol.
10. Other matters.
11. Report on the session.

B. Organization of the work of the session
(Agenda item 2 (b))

5. The SBSTA considered this sub-item at its 1st meeting, on 8 December, at which the Chair drew attention to the proposed programme of work posted on the UNFCCC website. On a proposal by the Chair, the SBSTA agreed to proceed on the basis of that programme of work. The secretariat informed the SBSTA of the status of documentation and other relevant issues.

6. The SBSTA agreed to the admittance of observer organizations that had applied to join the process,¹ on the basis of the provisions of Article 7, paragraph 6, of the Convention.

C. Election of officers other than the Chair
(Agenda item 2 (c))

7. The SBSTA considered this sub-item at its 1st and 3rd meetings, on 8 and 12 December, respectively. At the 1st meeting, the Chair recalled rule 27 of the draft rules of procedure being applied,² whereby the SBSTA is expected to elect its Vice-Chair and Rapporteur. Such an election was last held at the twenty-ninth session of the SBSTA. The Chair informed the SBSTA that consultations on nominations were being undertaken and that she would keep delegates informed of progress. In the conduct of these consultations, Parties were invited to recall decision 36/CP.7 and to give active consideration to the nomination of women for elective posts in the SBSTA.

8. At the 3rd meeting, the Chair informed the SBSTA that agreement had been reached among the regional groups and proposed the nominees for election. The SBSTA elected Mr. Mihir Kanti Majumder (Bangladesh) as Vice-Chair and re-elected Mr. Ghimire as Rapporteur. The Chair informed the meeting that the Vice-Chair will serve for an initial term of one year, which may be renewed for another year. The Rapporteur will serve for a second term of one year. The Chair noted that the officers will serve for the thirty-second and thirty-third sessions of the SBSTA, or until their successors are elected. She thanked the current Bureau for its work.

¹ New observer organizations are listed in document FCCC/CP/2009/8/Rev.1.

² FCCC/CP/1996/2.

D. Election of replacement officers

(Agenda item 2 (d))

9. The elected Vice-Chair and Rapporteur represent a Parties to both the Convention and its Kyoto Protocol. Consequently, no election of replacement officers was necessary.

III. Nairobi work programme on impacts, vulnerability and adaptation to climate change

(Agenda item 3)

1. Proceedings

10. The SBSTA considered this item at its 1st and 3rd meetings, on 8 and 12 December, respectively. It had before it documents FCCC/SBSTA/2009/5, FCCC/SBSTA/2009/6, FCCC/SBSTA/2009/7, FCCC/SBSTA/2009/INF.5, FCCC/SBSTA/2009/MISC.9/Rev.1, FCCC/SBSTA/2009/MISC.10 and FCCC/TP/2009/2.

11. Statements were made by representatives of two Parties, including one speaking on behalf of AOSIS. In addition, statements were made by representatives of the Convention on Biological Diversity (CBD) and the Intergovernmental Panel on Climate Change (IPCC). Statements were also made on behalf of the farmers non-governmental organizations (NGOs) and on behalf of the trade union NGOs.

12. At its 1st meeting, the SBSTA agreed to consider this item in informal consultations convened by the Chair with the assistance of Mr. Kishan Kumarsingh (Trinidad and Tobago) and Mr. Don Lemmen (Canada). At the 3rd meeting, Mr. Lemmen reported on these consultations.

13. At its 3rd meeting, the SBSTA considered and adopted conclusions³ proposed by the Chair.

2. Conclusions

14. The SBSTA welcomed the report of the progress made in the implementation of the Nairobi work programme on impacts, vulnerability and adaptation to climate change since its thirtieth session,⁴ and took note of the reports on workshops in the work areas of adaptation planning and practices⁵ and economic diversification;⁶ a technical paper reviewing existing literature on the potential costs and benefits of adaptation options;⁷ a synthesis report on integrating and expanding adaptation planning and action;⁸ and documents FCCC/SBSTA/2009/MISC.9/Rev.1 and FCCC/SBSTA/2009/MISC.10, containing submissions from Parties and relevant organizations on efforts undertaken to assess the costs and benefits of adaptation options, and efforts to monitor and evaluate the implementation of adaptation projects, policies and programmes, respectively.

15. The SBSTA welcomed the direct engagement of, and the contributions provided by, a wide range of organizations⁹ in the implementation of the Nairobi work programme. It encouraged these organizations to continue and, if possible, further enhance, their efforts, including through action pledges¹⁰ and by providing information to the SBSTA on the implementation of these pledges, to assist

³ Adopted as document FCCC/SBSTA/2009/L.17.

⁴ FCCC/SBSTA/2009/INF.5.

⁵ FCCC/SBSTA/2009/5.

⁶ FCCC/SBSTA/2009/7.

⁷ FCCC/TP/2009/2.

⁸ FCCC/SBSTA/2009/6.

⁹ There were 164 Nairobi work programme partner organizations as at 11 December 2009.

¹⁰ Ninety-two action pledges had been submitted by 41 Nairobi work programme partner organizations as at 11 December 2009.

Parties in improving their understanding and assessment of climate change impacts and vulnerability, and to make informed decisions on practical adaptation actions and measures.

16. The SBSTA took note of the work being carried out by the secretariat, under the guidance of the Chair of the SBSTA, on further enhancing the outreach of the Nairobi work programme to relevant stakeholders, including the dissemination of user-friendly knowledge products. It requested the secretariat to continue these efforts.

17. The SBSTA noted the importance of the technical workshop on how regional centres and networks undertaking work relevant to climate change could collaborate, to be held before its thirty-second session.¹¹

18. The SBSTA reaffirmed the need to enhance the catalytic role of the Nairobi work programme and requested the secretariat to continue its efforts in engaging a wide range of organizations, including those implementing education, training and awareness-raising activities and adaptation actions.

19. The SBSTA recalled that, at its twenty-eighth session, it agreed to consider, at its thirty-third session, a summary report on the results of the second phase of implementation of the Nairobi work programme, and other information referred to in paragraph 25 of document FCCC/SBSTA/2008/6, with a view to reviewing the effectiveness of the Nairobi work programme.

IV. Development and transfer of technologies

(Agenda item 4)

1. Proceedings

20. The SBSTA considered this item at its 1st and 3rd meetings, on 8 and 12 December, respectively. It had before it two reports of the Expert Group on Technology Transfer (EGTT), namely documents FCCC/SB/2009/4 and Summary, and FCCC/SB/2009/INF.6. Statements were made by representatives of three Parties.

21. At the 1st meeting, the Chair invited Mr. Arthur Rolle (Bahamas), Chair of the EGTT, to report on the group's activities. At the same meeting, the SBSTA agreed to consider this item together with the Subsidiary Body for Implementation (SBI) 31 agenda item 7, "Development and transfer of technologies" in a joint contact group, co-chaired by Mr. Carlos Fuller (Belize) and Mr. Holger Liptow (Germany). At the 3rd meeting, Mr. Fuller reported on the joint contact group's consultations.

22. At its 3rd meeting, the SBSTA considered and adopted conclusions¹² proposed by the Chair.

2. Conclusions

23. The SBSTA and the SBI welcomed the report of the EGTT for 2009.¹³ The SBSTA and the SBI noted the oral report by the Chair of the EGTT on the outcomes of the group's fourth meeting, held from 23 to 25 September 2009 in Bangkok, Thailand. They welcomed the continued dialogue of the EGTT with the business community that took place in conjunction with this meeting. The SBSTA and the SBI recalled their conclusions at their thirtieth sessions that consideration should be given to establishing an effective means of engaging the private sector more fully in the process.¹⁴ One such means may be to provide an ongoing forum for members of the business and finance communities to regularly communicate their assessment of which actions by Parties could be most effective in enhancing the development and transfer of environmentally sound technologies and practices. The SBSTA and the SBI

¹¹ FCCC/SBSTA/2008/6, paragraph 32.

¹² Adopted as document FCCC/SBSTA/2009/L.14.

¹³ FCCC/SB/2009/INF.6.

¹⁴ FCCC/SBSTA/2009/3, paragraph 22, and FCCC/SBI/2009/8, paragraph 66.

expressed their appreciation to Mr. Arthur Rolle, the Chair of the EGTT, and Mr. Bruce Wilson (Australia), the Vice-Chair, for their contribution in guiding the EGTT to complete its work programme for 2008–2009.

24. The SBSTA and the SBI endorsed the rolling programme of work of the EGTT for 2010–2011.¹⁵ The SBSTA and the SBI noted that the EGTT will convene its special meeting in early 2010 to update this programme of work, taking into account any technology-related agreed outcome of the fifteenth session of the Conference of the Parties (COP), and will submit the updated programme of work for consideration by the SBSTA and the SBI at their thirty-second sessions. The SBSTA and the SBI welcomed the offer by the Government of Australia to host this meeting.

25. The SBSTA and the SBI welcomed the final report of the EGTT on performance indicators.¹⁶ The SBSTA noted that the report contains a set of indicators that could be used by the SBI as one of the tools to conduct the review and assessment of the effectiveness of the implementation of Article 4, paragraphs 1(c) and 5, of the Convention, and to regularly monitor and evaluate the effectiveness of the implementation of the technology transfer framework,¹⁷ as requested by decision 4/CP.13.

26. The SBSTA noted that the secretariat, in collaboration with the United Nations Environment Programme, United Nations Industrial Development Organization and the Climate Technology Initiative, organized the African regional workshop on preparing technology transfer projects for financing, which took place in Gaborone, Botswana, from 2 to 4 September 2009. The SBSTA also noted with appreciation the offer of the Government of Belize to host the Latin America and Caribbean regional workshop on preparing technology transfer projects for financing, which will be held in 2010.

V. Reducing emissions from deforestation in developing countries: approaches to stimulate action

(Agenda item 5)

1. Proceedings

27. The SBSTA considered this item at its 1st and 3rd meetings, on 8 and 12 December, respectively. Statements were made by representatives of 14 Parties, including one speaking on behalf of the EIG and one on behalf of the European Union and its member States.

28. In addition, statements were made by a representative of the Food and Agriculture Organization of the United Nations on behalf of the Collaborative Partnership on Forests and by a representative of CBD. A statement was also made on behalf of the indigenous peoples organizations.

29. At its 1st meeting, the SBSTA agreed to consider this item in a contact group co-chaired by Ms. Lilian Portillo (Paraguay) and Mr. Audun Rosland (Norway). At the 3rd meeting, Ms. Portillo reported on the contact group's consultations.

30. At its 3rd meeting, the SBSTA considered and adopted conclusions¹⁸ proposed by the Chair. It was noted that national circumstances include those of countries with specific circumstances, such as high forest cover and low rates of deforestation.

¹⁵ FCCC/SB/2009/INF.6, annex I.

¹⁶ FCCC/SB/2009/4 and Summary.

¹⁷ The framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention, as contained in decision 4/CP.7, annex, complemented with the set of actions set out in decision 3/CP.13, annex I.

¹⁸ Adopted as document FCCC/SBSTA/2009/L.19 and Add.1.

2. Conclusions

31. The SBSTA decided to forward a draft decision on methodological guidance for activities relating to reducing emissions from deforestation and forest degradation in developing countries for adoption by the COP at its fifteenth session.¹⁹

32. The SBSTA noted that it may need to consider providing further guidance on methodological issues in accordance with any relevant decisions adopted by the COP at its fifteenth session.

33. The SBSTA took note of the oral report by its Chair on ways of facilitating the coordination of the activities relating to decision 2/CP.13. It requested its Chair to continue exploring ways of facilitating such coordination and to report back at its thirty-second session.

34. The SBSTA reminded and encouraged Parties, relevant organizations and stakeholders to continue sharing information on activities relating to decision 2/CP.13 and any relevant decisions adopted by the COP at its fifteenth session via the Web Platform on the UNFCCC website.²⁰

VI. Research and systematic observation

(Agenda item 6)

1. Proceedings

35. The SBSTA considered this item at its 1st and 3rd meetings, on 8 and 12 December, respectively. It had before it document FCCC/SBSTA/2009/MISC.12. Statements were made by representatives of 12 Parties, including one speaking on behalf of the Group of 77 and China and one on behalf of the European Union and its member States.

36. In addition, statements were made by the Deputy Secretary-General of the World Meteorological Organization (WMO), by the Chair of the Global Climate Observing System (GCOS) Steering Committee and by a representative of Brazil speaking on behalf of the Chair of the Committee on Earth Observation Satellites (CEOS).

37. At its 1st meeting, the SBSTA agreed that the Chair would draft conclusions and present them to the SBSTA at its 3rd meeting.

38. At its 3rd meeting, the SBSTA considered and adopted conclusions²¹ proposed by the Chair.

2. Conclusions

39. The SBSTA noted with appreciation the oral statements delivered by the Deputy Secretary-General of WMO, the Chair of the GCOS Steering Committee, and the statement delivered on behalf of CEOS.

40. The SBSTA welcomed the provisional updated *Implementation Plan for the Global Observing System for Climate in Support of the UNFCCC*,²² provided by the secretariat of GCOS in response to an invitation by the SBSTA at its thirtieth session.²³

¹⁹ For the text as adopted, document FCCC/CP/2009/11/Add.1, decision 4/CP.15.

²⁰ <http://unfccc.int/methods_science/redd/items/4531.php>.

²¹ Adopted as document FCCC/SBSTA/2009/L.16 and Add.1.

²² FCCC/SBSTA/2009/MISC.12.

²³ FCCC/SBSTA/2009/3, paragraphs 57 and 58.

41. The SBSTA also welcomed the information on the outcome of World Climate Conference-3,²⁴ held in Geneva, Switzerland, from 31 August to 4 September 2009, provided by WMO in response to an invitation by the SBSTA at the same session.²⁵

42. The SBSTA decided to recommend draft conclusions on this matter for adoption by the COP at its fifteenth session.²⁶

VII. Methodological issues under the Convention

(Agenda item 7)

A. Annual report on the technical review of greenhouse gas inventories from Parties included in Annex I to the Convention

(Agenda item 7 (a))

1. Proceedings

43. The SBSTA considered this sub-item at its 1st and 3rd meetings, on 8 and 12 December, respectively. It had before it document FCCC/SBSTA/2009/INF.4.

44. At its 1st meeting, the SBSTA agreed that the Chair would draft conclusions and present them to the SBSTA at its 3rd meeting.

45. At its 3rd meeting, the SBSTA considered and adopted conclusions proposed by the Chair.

2. Conclusions

46. The SBSTA took note of the annual report on the technical review of greenhouse gas inventories from Parties included in Annex I to the Convention.²⁷

B. Emissions from fuel used for international aviation and maritime transport

(Agenda item 7 (b))

1. Proceedings

47. The SBSTA considered this sub-item at its 2nd and 3rd meetings, on 8 and 12 December, respectively. Statements were made by representatives of 11 Parties. Statements were also made by representatives of the International Civil Aviation Organization (ICAO) and the International Maritime Organization (IMO).

48. At its 2nd meeting, the SBSTA agreed that the Chair would draft conclusions and present them to the SBSTA at its 3rd meeting.

49. At its 3rd meeting, the SBSTA considered and adopted conclusions²⁸ proposed by the Chair.

2. Conclusions

50. The SBSTA noted the information received from the secretariats of ICAO and IMO on their ongoing work on emissions from fuel used for international aviation and maritime transport, and the views expressed by Parties on this information.

²⁴ <http://www.wmo.int/pages/gfcs/index_en.html>.

²⁵ FCCC/SBSTA/2009/3, paragraph 64.

²⁶ For the text as adopted, see document FCCC/CP/2009/11, chapter VII. G.

²⁷ FCCC/SBSTA/2009/INF.4.

²⁸ FCCC/SBSTA/2009/L.15.

51. The SBSTA invited the secretariats of ICAO and IMO to report, at future sessions of the SBSTA, on relevant work on this issue.

VIII. Methodological issues under the Kyoto Protocol

(Agenda item 8)

A. Implications of the establishment of new hydrochlorofluorocarbon-22 (HCFC-22) facilities seeking to obtain certified emission reductions for the destruction of hydrofluorocarbon-23 (HFC-23)

(Agenda item 8 (a))

Proceedings

52. The SBSTA considered this sub-item at its 2nd and 3rd meetings, on 8 and 12 December, respectively. A statement was made by a representative of one Party.

53. At its 2nd meeting, the SBSTA agreed to consider this item in informal consultations convened by the Chair with the assistance of Mr. Samuel Adejuwon (Nigeria). At the 3rd meeting, Mr. Adejuwon reported that these consultations were inconclusive. In accordance with rule 16 of the draft rules of procedure being applied, the item will be forwarded to the thirty-second session of the SBSTA.

B. Carbon dioxide capture and storage in geological formations as clean development mechanism project activities

(Agenda item 8 (b))

1. Proceedings

54. The SBSTA considered this sub-item at its 2nd and 3rd meetings, on 8 and 12 December, respectively. It had before it document FCCC/SBSTA/2009/MISC.11. Statements were made by representatives of 13 Parties, including one speaking on behalf of the European Union and its member States and one on behalf of AOSIS.

55. At its 2nd meeting, the SBSTA agreed that the Chair would hold consultations and present draft conclusions to the SBSTA at its 3rd meeting.

56. At its 3rd meeting, the SBSTA considered and adopted conclusions²⁹ proposed by the Chair.

2. Conclusions

57. The SBSTA agreed to continue its consideration of this matter at its thirty-second session, based on the draft text contained in annex I.

C. Common metrics to calculate the CO₂ equivalence of greenhouse gases

(Agenda item 8 (c))

Proceedings

58. The SBSTA considered this sub-item at its 2nd and 3rd meetings, on 8 and 12 December, respectively. Statements were made by three Parties, including one speaking on behalf of the European Union and its member States.

59. At its 2nd meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the Chair with the assistance of Mr. Michael Gytarsky (Russian Federation). At the 3rd meeting, Mr. Gytarsky reported that these consultations were inconclusive. In accordance with rule 16 of

²⁹ Adopted as document FCCC/SBSTA/2009/L.20.

the draft rules of procedure being applied, the item will be forwarded to the thirty-second session of the SBSTA.

IX. Matters relating to Article 2, paragraph 3, of the Kyoto Protocol

(Agenda item 9)

1. Proceedings

60. The SBSTA considered this item at its 1st and 3rd meetings, on 8 and 12 December, respectively.

61. At its 1st meeting, the SBSTA agreed to consider this item together with the SBI 31 agenda item 11, “Matters relating to Article 3, paragraph 14, of the Kyoto Protocol” in a joint contact group, co-chaired by Mr. Eduardo Calvo Buendia (Peru) and Ms. Kristin Tilley (Australia). At the 3rd meeting, Ms. Tilley reported on the joint contact group’s consultations.

62. At its 3rd meeting, the SBSTA considered and adopted conclusions³⁰ proposed by the Chair.

2. Conclusions

63. A joint contact group was set up to discuss the SBSTA agenda item “Matters relating to Article 2, paragraph 3, of the Kyoto Protocol” and the SBI agenda item “Matters relating to Article 3, paragraph 14, of the Kyoto Protocol” during the thirty-first sessions of the SBSTA and the SBI. In the establishment of this joint contact group, the Chairs of the SBSTA and the SBI directed that equal time be allocated to the consideration of each item.

64. The SBSTA and the SBI agreed to continue their discussions on these matters in a joint contact group to be established by the SBSTA and the SBI at their thirty-second sessions. They agreed to resume the consideration of these matters at their thirty-second sessions, based on the draft text contained in annex II.

X. Other matters

(Agenda item 10)

65. No other matters were raised.

XI. Report on the session

(Agenda item 11)

66. At its 3rd meeting, on 12 December, the SBSTA considered and adopted the draft report on its thirty-first session.³¹ At the same meeting, on a proposal by the Chair, the SBSTA authorized the Rapporteur to complete the report on the session, with the assistance of the secretariat and under the guidance of the Chair.

XII. Closure of the session

67. At the 3rd meeting, on 12 December, a representative of the Executive Secretary provided a preliminary evaluation of the administrative and budgetary implications of conclusions adopted during the session. This follows decision 16/CP.9, paragraph 20, which requests the Executive Secretary to provide an indication of the administrative and budgetary implications of decisions³² if these cannot be met from existing resources within the core budget.

³⁰ Adopted as document FCCC/SBSTA/2009/L.18.

³¹ Adopted as document FCCC/SBSTA/2009/L.13.

³² While decision 16/CP.9 refers to “decisions”, it also has implications for conclusions of the subsidiary bodies.

68. During the session, the SBSTA requested the secretariat to carry out a number of activities that have administrative and budgetary implications. The majority of this work can be covered by the core budget or by resources that have already been included in the secretariat's initial estimated requirements under the Trust Fund for Supplementary Activities for the next biennium. However, under agenda item 5, "Reducing emissions from deforestation in developing countries: approaches to stimulate action", the SBSTA requested the secretariat to enhance the coordination of its capacity-building activities relating to the use of the IPCC guidance and guidelines. The initial work required to support this activity in 2010 presents an unanticipated cost of approximately USD 300,000. Costs for 2011 will be determined at a later date.

69. At the same meeting, the Chair thanked delegates, the chairs of contact groups and convenors of informal consultations for their contributions. She also thanked the secretariat for its support.

70. Closing statements were made by three Parties, namely, one speaking on behalf of the European Union and its member States, one on behalf of the Group of 77 and China, and one on behalf of the Umbrella Group. Statements were also made on behalf of the business and industry NGOs, the environmental NGOs, the women and gender NGOs and the youth NGOs.

Annex I

[ENGLISH ONLY]

Text for further consideration by the Subsidiary Body for Scientific and Technological Advice**Carbon dioxide capture and storage in geological formations as clean development mechanism project activities**

[*Recalling* decisions 7/CMP.1, 1/CMP.2 and 2/CMP.4,

Recognizing that carbon dioxide capture and storage in geological formations is part of a range of potential options for mitigating greenhouse gas emissions,

Emphasizing that the application of carbon dioxide capture and storage projects shall be environmentally safe and have the objective of avoiding any seepage,

Noting that other conventions have addressed issues and adopted guidelines relevant to the international regulation of the application of carbon dioxide capture and storage, including risk assessment, environmental impact assessment and legal aspects,

Recognizing that carbon dioxide capture and storage in geological formations has been proposed by some Parties for inclusion under the clean development mechanism,

Also recognizing that other Parties have registered concerns regarding the implications of this possible inclusion and highlighted a number of unresolved issues,

1. *Takes note* of the final report of the Executive Board of the clean development mechanism on the “Possible implications of the inclusion of carbon dioxide capture and storage as clean development mechanism project activities”;¹

2. *Recognizes* that the issues referred to in, inter alia, decision 1/CMP.2, paragraph 21, should be addressed;

3. *Also recognizes* that in order for carbon dioxide capture and storage in geological formations to be included under the clean development mechanism, long-term liability for the storage site, including liability for any seepage during and beyond the crediting period of the project, must be clearly assigned and the project boundary must be clearly defined;

3 bis. [*Also recognizes* that long-term liability for the storage site, including liability for any seepage during and beyond the crediting period of the project, must be clearly assigned and the project boundary must be clearly defined in the design of carbon dioxide capture and storage in geological formations under the clean development mechanism;]

4. *Requests* the Subsidiary Body for Scientific and Technological Advice to work on the issues referred to in paragraph 2 above [that if resolved, would lead to the potential] [for the] development of [any] modalities and procedures for clean development mechanism project activities relating to carbon dioxide capture and storage in geological formations [, including the definition of the project boundary and participation requirements as well as the assignment of long-term liability,] and

¹ FCCC/KP/CMP/2009/16, annex II.

report [on the progress][back] on this matter to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its [sixth][seventh] session.]

Annex II

[ENGLISH ONLY]

Text for further consideration by the Subsidiary Body for Scientific and Technological Advice and the Subsidiary Body for Implementation**Matters relating to Article 2, paragraph 3, of the Kyoto Protocol**

1. [The Subsidiary Body for Scientific and Technological Advice (SBSTA) [and the Subsidiary Body for Implementation (SBI)] welcomed the constructive exchange of views on addressing issues relevant to Article 2, paragraph 3, [and Article 3, paragraph 14,] of the Kyoto Protocol and on the efforts being made under the SBSTA with regard to opportunities for action to enhance the implementation of Article 2, paragraph 3.

2. The SBSTA [and the SBI] emphasized that better understanding of these issues is essential in order

Option 1:

[for developed country Parties, in the implementation of policies and measures, to strive to minimize the adverse effects, including the adverse effects of climate change, effects on international trade, and social, environmental and economic impacts on other Parties, especially developing country Parties, and in particular

Alternative 1 within Option 1: those identified in Article 4, paragraphs 8 and 9, of the Convention, taking into account Article 3.

Alternative 2 within Option 1: in particular for [the poorest and most vulnerable country Parties that are the least capable of addressing them].]

Option 2:

to strive to minimize the adverse effects, [of [the implementation of policies and measures] [commitments under the Kyoto Protocol, in particular those] under Article 2, paragraph 3, [and Article 3, paragraph 14,] of the Kyoto Protocol], in particular for [the poorest and most vulnerable country Parties that are the least capable of addressing them] [those countries identified in Article 4, paragraphs 8, 9 [and 10], of the Convention, taking into account Article 3 of the Convention].]

2 bis

[The SBSTA agreed that Parties shall not resort to any form of unilateral measures, including fiscal and non-fiscal border measures, against goods and services imported from other Parties, in particular from developing country Parties, on the grounds of stabilization and mitigation of climate change.]

3. [The SBSTA [and the SBI] acknowledged related discussions under other UNFCCC bodies such as the Ad Hoc Working Group on Long-term Cooperative Action under the Convention and the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol, and encouraged Parties to ensure coordination of activities and information across the bodies in order to ensure a coherent and consistent approach to better address the issues mentioned in paragraph 2 above.]

4. The SBSTA [and the SBI] noted the need [to continue] to share information on the nature of [adverse] impacts of [response measures experienced by [developing country] Parties and [the] [any] steps Annex I Parties are taking, in the implementation of policies and measures under Article 2 of the Kyoto Protocol, to minimize [any negative impacts] [adverse effects,] especially on developing country Parties, in particular

Option 1: the poorest and most vulnerable Parties

Option 2: those identified in Article 4, paragraphs 8 and 9, of the Convention.]

5. The SBSTA [and the SBI] noted that national communications under Article 12, paragraph 1, of the Convention would be an appropriate means for sharing the information referred to in paragraph 3 above.

5 bis

[Noting the [complexities] of assessing the attribution and causation of the [adverse] impacts of policies and measures]

6. The SBSTA [and the SBI] also noted [and welcomed] the work of the Intergovernmental Panel on Climate Change (IPCC) on international spillover effects as described in its Fourth Assessment Report

Option 1: and [endorsed] its plans to continue the assessment of this issue in its Fifth Assessment Report. It invited the IPCC to elaborate possible ways and means to minimize the adverse effects of response measures.

Option 2: and its plans to further assess this issue in its fifth assessment report.

Paragraphs 7–10:

Option 1:

[7. The SBSTA invited Parties and relevant organizations to submit to the secretariat, by XX, further information and views on issues relevant to Article 2, paragraph 3, of the Kyoto Protocol. The SBSTA invited Parties, in their submissions, to include information on possible methodologies, tools and models, for the assessment of these impacts on the countries mentioned in paragraph 2 above.

8. The SBSTA requested the secretariat to compile the submissions referred to in paragraph 7 above into a miscellaneous document and to prepare a synthesis report on these submissions for its consideration.

9. The SBSTA requested the secretariat to organize, before the XX session of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, a workshop to explore tools and methodologies, including modelling tools, to help analyse and assess the adverse impacts of policies and measures undertaken by Parties included in Annex I to the Convention, involving guidance by relevant experts.

10. The SBSTA agreed to continue its consideration of this issue at its XX session in a joint contact group.]

Option 2:

[7. The SBSTA and the SBI agreed to continue its consideration of these issues at its XX session in a joint contact group and invited Parties to submit to the secretariat, by XX, further information and views on how Parties can best strive to implement mitigation actions to minimize adverse impacts. The SBI and the SBSTA invited the secretariat to compile the submissions referred to in this paragraph into a miscellaneous document for their consideration.]

Option 3:

7. The SBSTA [and the SBI] noted that further discussion is needed on this matter, and invited Parties and relevant organizations to submit to the secretariat, by XX, further information and views on

issues relevant to Article 2, paragraph 3, [and Article 3, paragraph 14,] of the Kyoto Protocol. [The SBSTA [and the SBI] invited Parties, in their submissions, to [consider how Parties can best strive to minimize adverse impacts. This could] include information on possible methodologies, tools and models for the assessment of these impacts on the countries mentioned in paragraph 2 above].

8. The SBSTA [and the SBI] requested the secretariat to compile the submissions referred to in paragraph 7 above into a miscellaneous document for [their] consideration.

9. [Noting the complexities of assessing the attribution and causation of the [adverse] impacts of policies and measures,] the SBSTA [and the SBI] agreed to continue its [their] consideration of these issues at its [their] XX session, including consideration of the need for a [joint] workshop to share further information among Parties and relevant experts and the information contained in the submissions referred to in paragraph 7 above.

10. The SBSTA requested the secretariat to organize, before the [sixth session] of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, a workshop to explore tools and methodologies, including modelling tools, to help analyse and assess the adverse impact of policies and measures undertaken by Parties included in Annex I to the Convention, involving guidance by relevant experts.]

Annex III**Documents before the Subsidiary Body for Scientific and Technological Advice at its thirty-first session****Documents prepared for the session**

FCCC/SBSTA/2009/4	Provisional agenda and annotations. Note by the Executive Secretary
FCCC/SBSTA/2009/5	Report on the technical workshop on integrating practices, tools and systems for climate risk assessment and management and disaster risk reduction strategies into national policies and programmes. Note by the secretariat
FCCC/SBSTA/2009/6	Synthesis report on approaches to and experiences in integrating and expanding adaptation planning and action, and lessons learned, good practices, gaps, needs, and barriers and constraints to adaptation. Note by the secretariat
FCCC/SBSTA/2009/7	Report on the technical workshop on increasing economic resilience to climate change and reducing reliance on vulnerable economic sectors, including through economic diversification. Note by the secretariat
FCCC/SBSTA/2009/INF.4	Annual report on the technical review of greenhouse gas inventories from Parties included in Annex I to the Convention. Note by the secretariat
FCCC/SBSTA/2009/INF.5	Progress made in implementing activities under the Nairobi work programme on impacts, vulnerability and adaptation to climate change. Note by the secretariat
FCCC/SBSTA/2009/MISC.9/Rev.1	Efforts undertaken to assess the costs and benefits of adaptation options, and views on lessons learned, good practices, gaps and needs. Submissions from Parties and relevant organizations
FCCC/SBSTA/2009/MISC.10	Efforts undertaken to monitor and evaluate the implementation of adaptation projects, policies and programmes and the costs and effectiveness of completed projects, policies and programmes, and views on lessons learned, good practices, gaps and needs. Submissions from Parties and relevant organizations
FCCC/SBSTA/2009/MISC.11	Further views on issues relevant to the consideration of carbon capture and storage in geological formations as project activities under the clean development mechanism. Submissions from Parties
FCCC/SBSTA/2009/MISC.12	The Global Climate Observing System implementation plan: a provisional update including provisional cost estimates. Submission from the secretariat of the Global Climate Observing System
FCCC/SB/2009/4	Performance indicators to monitor and evaluate the effectiveness of the implementation of the technology transfer framework. Final report by the Chair of the Expert Group on Technology Transfer

FCCC/SB/2009/4/Summary	Performance indicators to monitor and evaluate the effectiveness of the implementation of the technology transfer framework. Final report by the Chair of the Expert Group on Technology Transfer. Summary
FCCC/SB/2009/INF.6	Report of the Expert Group on Technology Transfer for 2009. Note by the Chair of the Expert Group on Technology Transfer
FCCC/TP/2009/2	Potential costs and benefits of adaptation options: a review of existing literature. Technical paper
FCCC/SBSTA/2009/L.13	Draft report of the Subsidiary Body for Scientific and Technological Advice on its thirty-first session
FCCC/SBSTA/2009/L.14	Development and transfer of technologies. Draft conclusions proposed by the Chair
FCCC/SBSTA/2009/L.15	Emissions from fuel used for international aviation and maritime transport. Draft conclusions proposed by the Chair
FCCC/SBSTA/2009/L.16	Research and systematic observation. Draft conclusions proposed by the Chair
FCCC/SBSTA/2009/L.16/ Add.1	Research and systematic observation. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
FCCC/SBSTA/2009/L.17	Nairobi work programme on impacts, vulnerability and adaptation to climate change. Draft conclusions proposed by the Chair
FCCC/SBSTA/2009/L.18	Matters relating to Article 2, paragraph 3, of the Kyoto Protocol. Draft conclusions proposed by the Chair
FCCC/SBSTA/2009/L.19	Reducing emissions from deforestation in developing countries: approaches to stimulate action. Draft conclusions proposed by the Chair
FCCC/SBSTA/2009/L.19/ Add.1	Reducing emissions from deforestation in developing countries: approaches to stimulate action. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
FCCC/SBSTA/2009/L.20	Carbon dioxide capture and storage in geological formations as clean development mechanism project activities. Draft conclusions proposed by the Chair

Other documents before the session

FCCC/SBSTA/2009/3 and Add.1	Report of the Subsidiary Body for Scientific and Technological Advice on its thirtieth session, held in Bonn from 1 to 10 June 2009
FCCC/SBSTA/2008/6 and Add.1	Report of the Subsidiary Body for Scientific and Technological Advice on its twenty-eighth session, held in Bonn from 4 to 13 June 2008

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| FCCC/SBSTA/2009/MISC.7
and Add.1 | Report on progress with the Global Climate Observing System implementation plan. Submission from the secretariat of the Global Climate Observing System |
| FCCC/CP/2009/8/Rev.1 | Admission of observers: organizations applying for admission as observers. Note by the secretariat |
| FCCC/CP/1996/2 | Organizational matters: Adoption of the rules of procedure. Note by the secretariat |
| FCCC/SBI/2009/8 | Report of the Subsidiary Body for Implementation on its thirtieth session, held at Bonn from 1 to 10 June 2009 |
