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SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE

**Report of the Subsidiary Body for Scientific and Technological Advice
on its twenty-third session,
held at Montreal from 28 November to 6 December 2005**

CONTENTS

	<i>Paragraphs</i>	<i>Page</i>
I. OPENING OF THE SESSION (Agenda item 1)	1–2	4
II. ORGANIZATIONAL MATTERS (Agenda item 2)	3–10	4
A. Adoption of the agenda.....	3–5	4
B. Organization of the work of the session.....	6	6
C. Election of officers other than the Chair.....	7–8	6
D. Election of replacement officers	9–10	6
III. SCIENTIFIC, TECHNICAL AND SOCIO-ECONOMIC ASPECTS OF IMPACTS OF, AND VULNERABILITY AND ADAPTATION TO, CLIMATE CHANGE (Agenda item 3)	11–19	6
IV. SCIENTIFIC, TECHNICAL AND SOCIO-ECONOMIC ASPECTS OF MITIGATION OF CLIMATE CHANGE (Agenda item 4)	20–30	8

	<i>Paragraphs</i>	<i>Page</i>	
V.	METHODOLOGICAL ISSUES UNDER THE CONVENTION (Agenda item 5)	31–47	9
	A. Harvested wood products	31–36	9
	B. Common reporting format for land use, land-use change and forestry	37–43	10
	C. Emissions from fuel used for international aviation and maritime transport	44–47	11
VI.	METHODOLOGICAL ISSUES UNDER THE KYOTO PROTOCOL (Agenda item 6)	48–57	11
	A. Criteria for cases of failure to submit information relating to estimates of greenhouse gas emissions by sources and removals by sinks from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol	48–52	11
	B. Implications of the implementation of project activities under the clean development mechanism, referred to in decision 12/CP.10, for the achievement of objectives of other environmental conventions and protocols	53–57	12
VII.	REPORT OF THE ADMINISTRATOR OF THE INTERNATIONAL TRANSACTION LOG UNDER THE KYOTO PROTOCOL (Agenda item 7)	58–62	12
VIII.	DEVELOPMENT AND TRANSFER OF TECHNOLOGIES (Agenda item 8)	63–83	13
	A. Matters relating to the implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention	63–75	13
	B. Work programme of the Expert Group on Technology Transfer for 2006	76–83	14
IX.	RESEARCH AND SYSTEMATIC OBSERVATION (Agenda item 9)	84–102	15
X.	COOPERATION WITH RELEVANT INTERNATIONAL ORGANIZATIONS (Agenda item 10)	103–113	17
	A. Agenda item held in abeyance		17
	B. Cooperation with other conventions, scientific organizations and United Nations bodies	103–113	17

	<i>Paragraphs</i>	<i>Page</i>
XI. OTHER MATTERS (Agenda item 11)	114–130	19
A. Progress reports.....	114–119	19
B. Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol.....	120–123	20
C. Other matters referred by the Conference of the Parties	124	20
D. Other matters referred by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol...	125	20
E. Any other matters.....	126–130	20
XII. REPORT ON THE SESSION (Agenda item 12)	131	21
XIII. CLOSURE OF THE SESSION	132	21

Annexes

I. Draft indicative list of activities for the programme of work of the Subsidiary Body for Scientific and Technological Advice (SBSTA), on impacts, vulnerability and adaptation to climate change	22
II. Members of the Expert Group on Technology Transfer for 2006	28
III. Documents before the Subsidiary Body for Scientific and Technological Advice at its twenty-third session	29

I. Opening of the session

(Agenda item 1)

1. The twenty-third session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) was held at Montreal, Canada, from 28 November to 6 December 2005.
2. The Chair of the SBSTA, Mr. Abdullatif S. Benrageb (Libyan Arab Jamahiriya), opened the session and welcomed all Parties and observers. He welcomed Mr. Amjad Abdulla (Maldives) as Vice-Chair of the SBSTA.

II. Organizational matters

(Agenda item 2)

A. Adoption of the agenda

(Agenda item 2 (a))

3. At its 1st, 2nd and 4th meetings, on 28 November, 29 November and 6 December, respectively, the SBSTA considered a note by the Executive Secretary containing the provisional agenda and annotations (FCCC/SBSTA/2005/5). Statements were made by representatives of six Parties, including one speaking on behalf of the Alliance of Small Island States (AOSIS), one on behalf of the European Community and its member States,¹ and one on behalf of the Group of 77 and China.
4. At its 1st meeting the SBSTA decided to adopt the agenda as contained in the above document with two items held in abeyance: item 10 (Special report of the Intergovernmental Panel on Climate Change on carbon dioxide capture and storage) and item 11 (a) (International Meeting to Review the Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States). At its 2nd meeting the SBSTA decided not to include item 10 of the provisional agenda on the agenda of the session.² At the 4th meeting the Chair informed Parties that there was no consensus to include item 11 (a) of the provisional agenda on the agenda of the meeting. On a proposal by the Chair, the SBSTA decided to include this issue on the provisional agenda of its twenty-fourth session.
5. At its 4th meeting, the SBSTA adopted the agenda as amended:
 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. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change

¹ This statement was made in association with Bulgaria, Romania and Croatia.

² Matters relating to the Intergovernmental Panel on Climate Change (IPCC) *Special Report on Carbon Dioxide Capture and Storage* were considered by the SBSTA under its agenda item 10 (b) (Cooperation with other conventions, scientific organizations and United Nations bodies).

4. Scientific, technical and socio-economic aspects of mitigation of climate change
5. Methodological issues under the Convention:
 - (a) Harvested wood products
 - (b) Common reporting format for land use, land-use change and forestry
 - (c) Emissions from fuel used for international aviation and maritime transport
6. Methodological issues under the Kyoto Protocol:
 - (a) Criteria for cases of failure to submit information relating to estimates of greenhouse gas emissions by sources and removals by sinks from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol
 - (b) Implications of the implementation of project activities under the clean development mechanism, referred to in decision 12/CP.10, for the achievement of objectives of other environmental conventions and protocols
7. Report of the administrator of the international transaction log under the Kyoto Protocol
8. Development and transfer of technologies:
 - (a) Matters relating to the implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention
 - (b) Work programme of the Expert Group on Technology Transfer for 2006
9. Research and systematic observation
10. Cooperation with relevant international organizations:
 - (a) *Agenda item held in abeyance*
 - (b) Cooperation with other conventions, scientific organizations and United Nations bodies
11. Other matters:
 - (a) Progress reports
 - (b) Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol
 - (c) Other matters referred by the Conference of the Parties
 - (d) Other matters referred by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol
 - (e) Any other matters
12. Report on the session

B. Organization of the work of the session

(Agenda item 2 (b))

6. The SBSTA considered this sub-item at its 1st meeting, on 28 November, at which the Chair proposed the programme of work. The SBSTA agreed to proceed on the basis of the Chair's proposal. The secretariat informed the SBSTA of the status of documentation.

C. Election of officers other than the Chair

(Agenda item 2 (c))

7. The SBSTA considered this sub-item at its 1st and 4th meetings, on 28 November and 6 December, respectively. At the 1st meeting, the Chair recalled rule 27 of the draft rules of procedure being applied, whereby the SBSTA is expected to elect its Vice-Chair and Rapporteur. Such an election was last held at the twenty-first session. The Chair informed the SBSTA that consultations on nominations were being undertaken and that he would keep delegates informed of progress made. 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 4th meeting, the Chair informed the SBSTA that an agreement had been reached among the regional groups, and announced the nominees. The SBSTA re-elected Mr. Amjad Abdulla (Maldives) as Vice-Chair and elected Mr. Jawed Ali Khan (Pakistan) as Rapporteur. The Chair informed the meeting that the Vice-Chair would serve for a second and final term of one year, and the Rapporteur would serve for an initial term of one year that may be renewed for another year. The Chair noted that they would serve for the twenty-fourth and twenty-fifth sessions, and until their successors were elected. He thanked the current SBSTA Bureau for its work.

D. Election of replacement officers

(Agenda item 2 (d))

9. The elected Vice-Chair and Rapporteur represent Parties to both the Convention and the Kyoto Protocol. Therefore no elections of replacement officers for these posts were necessary.

10. At the first meeting, the Chair reminded Parties that he represented a country not a Party to the Kyoto Protocol, and hence, in accordance with Article 13, paragraph 3, and Article 15, paragraph 3, of the Kyoto Protocol, he needed to be replaced in his function as SBSTA Chair at the twenty-third session during discussion of agenda items pertaining to the Kyoto Protocol. The African Group would be expected to nominate a replacement. He also informed Parties that the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP), at its first session, had decided to invite the Vice-Chair to chair the SBSTA during the discussion of Kyoto Protocol items on the SBSTA agenda, until the African Group came forward with a replacement or, if the African Group agreed, to continue this arrangement until the election of the full Bureau of the eleventh session of the Conference of the Parties (COP). The Vice-Chair chaired the SBSTA during discussions of Kyoto Protocol items at the 2nd, 3rd and 4th meetings.

III. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change

(Agenda item 3)

1. Proceedings

11. The SBSTA considered this item at its 1st and 5th meetings, on 28 November and 6 December, respectively. Statements were made by representatives of 24 Parties, including one speaking on behalf of

the Group of 77 and China, one on behalf of the European Community and its member States,³ and one on behalf of AOSIS.

12. At its 1st meeting, the SBSTA agreed to consider this item in a contact group co-chaired by Ms. Helen Plume (New Zealand) and Mr. Kishan Kumarsingh (Trinidad and Tobago). At the 5th meeting, Mr. Kumarsingh reported on the contact group's consultations.

13. At its 5th meeting, the SBSTA considered and adopted conclusions⁴ proposed by the Chair.

2. Conclusions

14. The SBSTA welcomed the exchange of views among Parties during the informal workshop to facilitate the development of the five-year programme of work on impacts, vulnerability and adaptation to climate change held in Bonn, Germany, from 17 to 19 October 2005.

15. The SBSTA expressed its appreciation to the Government of Canada for its financial support for the workshop.

16. The SBSTA decided to recommend a draft decision on the SBSTA programme of work on impacts, vulnerability and adaptation to climate change (FCCC/SBSTA/2005/L.30/Add.1) for consideration by the COP at its eleventh session.⁵

17. The SBSTA considered a draft indicative list of activities for the programme of work (annex I⁶), and agreed to further consider and elaborate this list at its twenty-fourth session (May 2006), taking into account the summary of the workshop⁷ referred to in paragraph 14.

18. As a first step in implementing the programme of work, the SBSTA requested the secretariat to compile and make available to the SBSTA at its twenty-fourth session an initial list of organizations and institutions active in areas relevant to the programme of work. It invited Parties and relevant organizations to provide the secretariat with information as an input for compiling this list by 13 February 2006.

19. The SBSTA requested the secretariat to organize, under the guidance of the Chair of the SBSTA, subject to the availability of resources, an informal meeting of representatives from Parties before its twenty-fourth session in order to further elaborate the list referred to in paragraph 17. The SBSTA agreed to consider the outcome of this meeting at its twenty-fourth session, with a view to identifying the activities starting as of 2006.

³ This statement was made in association with Bulgaria, Romania and Croatia.

⁴ Adopted as FCCC/SBSTA/2005/L.30 as amended.

⁵ For the text as adopted, see document FCCC/CP/2005/4/Add.1, decision 2/CP.11.

⁶ On a request by the President at the 8th meeting of the COP, on 9 December, the secretariat made this annex consistent with the five-year programme of work of the SBSTA on impacts, vulnerability and adaptation to climate change contained in decision 2/CP.11, annex (see FCCC/CP/2005/4/Add.1).

⁷ Working paper No. 2 (2005), available on the UNFCCC web site at: <http://unfccc.int/files/adaptation/sbsta_agenda_item_adaptation/application/pdf/workshop_summary_in_template_edit.pdf>.

IV. Scientific, technical and socio-economic aspects of mitigation of climate change

(Agenda item 4)

1. Proceedings

20. The SBSTA considered this item at its 1st and 5th meetings, on 28 November and 6 December, respectively. Statements were made by representatives of nine Parties, including one speaking on behalf of the Group of 77 and China and one on behalf of the European Community and its member States.⁸

21. At its 1st meeting, the SBSTA agreed to consider this item in a contact group co-chaired by Mr. Kok Seng Yap (Malaysia) and Mr. Toshiyuki Sakamoto (Japan). At the 5th meeting, Mr. Yap reported on the contact group's consultations.

22. At its 5th meeting, the SBSTA considered and adopted conclusions⁹ proposed by the Chair.

2. Conclusions

23. The SBSTA took note of the submissions from Parties, contained in document FCCC/SBSTA/2005/MISC.12 and Add.1–2, and the summary report of topics covered in the workshops, contained in document FCCC/SBSTA/2005/INF.5, as well as the chairs' summaries of the workshops.¹⁰

24. The SBSTA recalled decision 10/CP.9, which requested the SBSTA to initiate work on the scientific, technical and socio-economic aspects of mitigation and to focus on exchanging information and sharing experiences and views among Parties on practical opportunities and solutions to facilitate the implementation of the Convention, and to report on this work to the COP at its eleventh session.

25. The SBSTA noted that it had had a useful and productive exchange of experiences and views during the three in-session workshops on mitigation at its twentieth, twenty-first and twenty-second sessions.

26. The SBSTA agreed to continue its work on the scientific, technical and socio-economic aspects of mitigation, and to focus on exchanging information and sharing experiences and views among Parties on practical opportunities and solutions to facilitate the implementation of the Convention as mandated by decision 10/CP.9. The SBSTA requested the secretariat, subject to the availability of resources, to organize workshops at each of its next four sessions, on the following themes:

- (a) Agriculture, forestry and rural development (in-session, SBSTA 24 (May 2006))
- (b) Urban planning and development, including transportation (in-session, SBSTA 25 (November 2006))
- (c) Energy efficiency, including industry, and residential and commercial end-use (pre-session, SBSTA 26 (May 2007))
- (d) Power generation, including clean fossil fuels and renewable energy (pre-session, SBSTA 26)

⁸ This statement was made in association with Bulgaria, Romania and Croatia.

⁹ Adopted as FCCC/SBSTA/2005/L.29.

¹⁰ These summaries were presented orally at the nineteenth, twentieth, twenty-first and twenty-second sessions of the SBSTA.

- (e) Non-CO₂ emissions, including methane recovery and utilization (in-session, SBSTA 27 (December 2007)).

27. Each workshop should address the following aspects, taking into account ongoing work under the agenda item on development and transfer of technologies, including the work of the Expert Group on Technology Transfer (EGTT):

- (a) Currently available and emerging technologies, including small-scale mitigation technologies, and associated emission reduction potential; opportunities and best practices to overcome barriers to, and factors that promote, innovation, deployment, transfer and diffusion of these technologies, including through innovative financing
- (b) International cooperative efforts to promote technology innovation, deployment, transfer and diffusion, and opportunities to enhance such cooperation
- (c) Socio-economic aspects of mitigation, such as costs and benefits, co-benefits, spillover effects and “win-win” practices that contribute to sustainable development
- (d) Cross-cutting aspects and methods and tools for assessing mitigation opportunities.

28. The SBSTA invited Parties that wish to make a presentation on any of the topics listed above to indicate their interest to the secretariat three months before the relevant workshop. The SBSTA requested the secretariat to make arrangements for presentations.

29. The SBSTA invited Parties to submit to the secretariat, before its twenty-seventh session, views on issues that were discussed at the workshops.

30. The SBSTA agreed to take stock of its work under this agenda item at its twenty-seventh session, and to report to the COP at its thirteenth session (December 2007).

V. Methodological issues under the Convention

(Agenda item 5)

A. Harvested wood products

(Agenda item 5 (a))

1. Proceedings

31. The SBSTA considered this sub-item at its 1st and 4th meetings, on 28 November and 6 December, respectively. Statements were made by representatives of four Parties, including one speaking on behalf of the European Community and its member States.¹¹

32. At its 1st meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the Chair with the assistance of Mr. Nagmeldin Goutbi Elhassan (Sudan) and Mr. Peter Brisbane (Australia). At the 4th meeting, Mr. Elhassan reported on these consultations.

33. At its 4th meeting, the SBSTA considered and adopted conclusions¹² proposed by the Chair.

2. Conclusions

34. The SBSTA took note of the information contained in documents FCCC/SBSTA/2005/INF.7 and FCCC/SBSTA/2005/MISC.9 and Add. 1–2.

¹¹ This statement was made in association with Bulgaria, Romania and Croatia.

¹² Adopted as FCCC/SBSTA/2005/L.16.

35. The SBSTA noted with appreciation the report by the Intergovernmental Panel on Climate Change (IPCC) on progress made with respect to the development of methods to estimate and report on harvested wood products in the context of the preparation of the *2006 IPCC Guidelines for National Greenhouse Gas Inventories*.

36. The SBSTA decided to continue the consideration of this item at its twenty-fourth (May 2006) and twenty-fifth (November 2006) sessions.

B. Common reporting format for land use, land-use change and forestry

(Agenda item 5 (b))

1. Proceedings

37. The SBSTA considered this sub-item at its 1st and 4th meetings, on 28 November and 6 December, respectively. Statements were made by representatives of two Parties, including one speaking on behalf of the European Community and its member States.¹³

38. At its 1st meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Mr. Audun Rosland (Norway) and Mr. Newton Paciornik (Brazil). At the 4th meeting, Mr. Rosland reported on the contact group's consultations.

39. At its 4th meeting, the SBSTA considered and adopted conclusions¹⁴ proposed by the Chair.

2. Conclusions

40. The SBSTA considered the views from Parties on the tables of the common reporting format for land use, land-use change and forestry (LULUCF) in accordance with decision 13/CP.9, and on experience with their use (FCCC/SBSTA/2005/MISC.7 and Add.1) and the synthesis of these views (FCCC/SBSTA/2005/7).

41. The SBSTA agreed to recommend a draft decision on this matter (FCCC/SBSTA/2005/L.19/Add.1) for adoption by the COP at its eleventh session.¹⁵

42. The SBSTA agreed to consider, at its twenty-fourth session (May 2006), concurrent with its consideration of the *2006 IPCC Guidelines for National Greenhouse Gas Inventories*, how emissions and removals, currently covered in the LULUCF and Agriculture sectors, will be presented in the national totals; inventory issues associated with biomass burning and natural disturbances as they relate to reporting under the Convention; and the implications on reporting of the conversion to carbon dioxide in the atmosphere of methane, carbon monoxide and non-methane volatile organic compounds emitted in association with carbon stock changes.

43. The SBSTA requested the secretariat, in communicating estimates of Parties' total national emissions and removals, to state clearly that presentations of national totals without emissions and removals from the LULUCF sector exclude emissions and removals associated with carbon stock changes and other emission sources covered in the LULUCF sector.

¹³ This statement was made in association with Bulgaria, Croatia and Romania.

¹⁴ Adopted as FCCC/SBSTA/2005/L.19.

¹⁵ For the text as adopted, see document FCCC/CP/2005/4/Add.2, decision 14/CP.11.

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

(Agenda item 5 (c))

1. Proceedings

44. The SBSTA considered this sub-item at its 1st meeting, on 28 November, and its 4th and 5th meetings, on 6 December. Statements were made by representatives of 24 Parties, including one speaking on behalf of the European Community and its member States.¹⁶

45. At its 1st meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the Chair with the assistance of Mr. José Romero (Switzerland). At the 4th and 5th meetings, Mr. Romero reported on these consultations.

46. At its 5th meeting, the SBSTA considered and adopted conclusions¹⁷ proposed by the Chair.

2. Conclusions

47. The SBSTA did not complete its consideration of issues under this agenda sub-item. It agreed to continue its consideration of these issues at its twenty-fourth session (May 2006).

VI. Methodological issues under the Kyoto Protocol

(Agenda item 6)

A. Criteria for cases of failure to submit information relating to estimates of greenhouse gas emissions by sources and removals by sinks from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol

(Agenda item 6 (a))

1. Proceedings

48. The SBSTA considered this sub-item at its 2nd and 4th meetings, on 29 November and 6 December, respectively. Statements were made by representatives of four Parties, including one speaking on behalf of the European Community and its member States.¹⁸

49. At its 2nd meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Mr. Audun Rosland (Norway) and Mr. Newton Paciornik (Brazil). At the 4th meeting, Mr. Paciornik reported on the contact group's consultations.

50. At its 4th meeting, the SBSTA considered and adopted conclusions¹⁹ proposed by the Chair.

2. Conclusions

51. The SBSTA considered proposals for criteria for cases of failure to submit information relating to estimates of greenhouse gas emissions by sources and removals by sinks from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol contained in document FCCC/SBSTA/2005/MISC.13 and Add.1.

¹⁶ This statement was made in association with Bulgaria, Romania and Croatia.

¹⁷ Adopted as FCCC/SBSTA/2005/L.28.

¹⁸ This statement was made in association with Bulgaria, Romania and Croatia.

¹⁹ Adopted as FCCC/SBSTA/2005/L.18.

52. The SBSTA agreed to recommend a draft decision on this matter (FCCC/SBSTA/2005/L.18/Add.1) for adoption by the COP/MOP at its first session.²⁰

B. Implications of the implementation of project activities under the clean development mechanism, referred to in decision 12/CP.10, for the achievement of objectives of other environmental conventions and protocols

(Agenda item 6 (b))

1. Proceedings

53. The SBSTA considered this sub-item at its 2nd and 4th meetings, on 29 November and 6 December, respectively. Statements were made by representatives of five Parties, including one speaking on behalf of the European Community and its member States,²¹ and one on behalf of a group of Central American countries.

54. At its 2nd meeting, the SBSTA agreed to consider this sub-item in a contact group chaired by Mr. Georg Børsting (Norway). At the 4th meeting, Mr. Børsting reported on the contact group's consultations.

55. At its 4th meeting, the SBSTA considered and adopted conclusions²² proposed by the Chair.

2. Conclusions

56. The SBSTA took note of the submissions from Parties contained in document FCCC/SBSTA/2005/MISC.10 and of an information paper prepared by the secretariat on options relating to implications of the establishment of new hydrochlorofluorocarbon-22 (HCFC-22) facilities seeking to obtain certified emission reductions (CERs) for the destruction of hydrofluorocarbon-23 (HFC-23) (FCCC/SBSTA/2005/INF.8), based on submissions by Parties and input by the Executive Board of the clean development mechanism.

57. The SBSTA decided to recommend a draft decision on implications of the establishment of new HCFC-22 facilities seeking to obtain CERs for the destruction of HFC-23 (FCCC/SBSTA/2005/L.27/Add.1) for adoption by the COP/MOP at its first session.²³

VII. Report of the administrator of the international transaction log under the Kyoto Protocol

(Agenda item 7)

1. Proceedings

58. The SBSTA considered this item at its 2nd and 4th meetings, on 29 November and 6 December, respectively. A statement was made by a representative of one Party speaking on behalf of the European Community and its member States.²⁴

59. At its 2nd meeting, the SBSTA agreed to consider this item in a contact group chaired by Mr. Murray Ward (New Zealand). At the 4th meeting, Mr. Ward reported on the contact group's consultations.

²⁰ For the text as adopted, see document FCCC/KP/CMP/2005/6/Add.3, decision 18/CMP.1.

²¹ This statement was made in association with Bulgaria, Romania and Croatia.

²² Adopted as FCCC/SBSTA/2005/L.27.

²³ For the text as adopted, see document FCCC/KP/CMP/2005/6/Add.1, decision 8/CMP.1.

²⁴ This statement was made in association with Bulgaria, Romania and Croatia.

60. At its 4th meeting, the SBSTA considered and adopted conclusions²⁵ proposed by the Chair.

2. Conclusions

61. The SBSTA took note of the annual report of the administrator of the international transaction log (ITL) for 2005 (FCCC/KP/CMP/2005/5) and welcomed the progress reported on the development of the ITL.

62. The SBSTA agreed to recommend a draft decision on guidance relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol (FCCC/SBSTA/2005/L.20/Add.1) for adoption by the COP/MOP at its first session.²⁶

VIII. Development and transfer of technologies

(Agenda item 8)

A. Matters relating to the implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention

(Agenda item 8 (a))

1. Proceedings

63. The SBSTA considered this sub-item at its 3rd and 4th meetings, on 29 November and 6 December, respectively. Statements were made by representatives of two Parties.

64. At its 3rd meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Mr. Holger Liptow (Germany) and Mr. Carlos Fuller (Belize). At the 4th meeting, Mr. Fuller reported on the contact group's consultations.

65. At its 4th meeting, the SBSTA considered and adopted conclusions²⁷ proposed by the Chair.

2. Conclusions

66. The SBSTA welcomed the report prepared by the secretariat on the outcomes of the seminar on the development and transfer of technologies for adaptation to climate change, held from 14 to 16 June 2005 in Tobago, Trinidad and Tobago (FCCC/SBSTA/2005/8). It expressed its appreciation for the support provided by the Government of Trinidad and Tobago in hosting this seminar.

67. The SBSTA acknowledged that the seminar provided a useful forum for broadening understanding on: concepts, needs for, and identification and evaluation of, technologies for adaptation; sharing lessons learned; and identifying promising areas of future work. It also acknowledged that, of the lessons learned, the importance of endogenous knowledge was particularly relevant.

68. The SBSTA took note of the initial report by the secretariat on the pilot project on networking between the UNFCCC technology information clearing house (TT:CLEAR) and national and regional technology information centres (FCCC/SBSTA/2005/INF.9). It also acknowledged the useful contribution this activity could make towards enhancing networking among technology information centres and to enabling Parties to gain access to relevant technology information, and encouraged broader participation through seeking more partners from developed and developing countries and international organizations.

²⁵ Adopted as FCCC/SBSTA/2005/L.20.

²⁶ For the text as adopted, see document FCCC/KP/CMP/2005/6/Add.2, decision 12/CMP.1.

²⁷ Adopted as FCCC/SBSTA/2005/L.24.

69. The SBSTA noted the oral report by the secretariat on the outcomes of the workshop on innovative options for financing the results of technology needs assessments held on 20 and 21 October 2005 in Bonn, Germany. It welcomed the active engagement of the private sector in this workshop and looked forward to the full report of this workshop, and the technical paper on innovative options for financing the development and transfer of technologies, being prepared by the secretariat for consideration by the SBSTA at its twenty-fourth session (May 2006).

70. The SBSTA noted with appreciation the assistance provided by the Governments of Canada, Norway and the United States of America, the European Community, the United Nations Development Programme (UNDP) and the United Nations Environment Programme (UNEP), as well as the Climate Technology Initiative (CTI) and the private sector, for conducting the activities mentioned in paragraphs 66 to 69 above.

71. The SBSTA looked forward to the technical paper, being prepared by the secretariat in consultation with the EGTT, entitled "Application of environmentally sound technologies for adaptation to climate change", based on the outcomes of the above-mentioned seminar in Trinidad and Tobago, for consideration at SBSTA 24 with a view to deciding on the preparation of a compendium/guide on technologies for adaptation to promote further dissemination of information on these technologies.

72. The SBSTA acknowledged that a number of activities and initiatives relating to technology were under way in other forums and that Parties should be cognizant of areas of mutual interest.

73. The SBSTA requested the secretariat, subject to the availability of resources, to enhance outreach efforts to promote the understanding of Parties in the application and use of the networking activities referred to in paragraph 68 above.

74. The SBSTA invited Parties in a position to do so to provide support to the secretariat for conducting the activities mentioned in paragraph 73 above.

75. The SBSTA recommended a draft decision on this subject (FCCC/SBSTA/2005/L.24/Add.1) for adoption by the COP at its eleventh session.²⁸

B. Work programme of the Expert Group on Technology Transfer for 2006 (Agenda item 8 (b))

1. Proceedings

76. The SBSTA considered this sub-item at its 3rd and 4th meetings, on 29 November and 6 December, respectively. Statements were made by representatives of 10 Parties, including one speaking on behalf of the Group of 77 and China and one on behalf of the European Community and its member States.²⁹

77. At its 3rd meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Mr. Holger Liptow (Germany) and Mr. Carlos Fuller (Belize). At the 4th meeting, Mr. Fuller reported on the contact group's consultations.

78. At its 4th meeting, the SBSTA considered and adopted conclusions³⁰ proposed by the Chair.

2. Conclusions

²⁸ For the text as adopted, see document FCCC/CP/2005/4/Add.1, decision 6/CP.11.

²⁹ This statement was made in association with Bulgaria, Romania and Croatia.

³⁰ Adopted as FCCC/SBSTA/2005/L.23.

79. The SBSTA welcomed the report of the EGTT for 2005 (FCCC/SBSTA/2005/INF.10) and endorsed the proposed work programme of the EGTT for 2006 as contained in the annex to that document. It expressed its appreciation to Mr. Kishan Kumarsingh (Trinidad and Tobago), the Chair of the EGTT, and Mr. Bernard Mazijn (Belgium), the Vice-Chair, for their valuable contributions in leading the EGTT to successfully implement its work programme for 2005.

80. The SBSTA also welcomed the election of Mr. Bernard Mazijn (Belgium) as Chair and Mr. Chow Kok Kee (Malaysia) as Vice-Chair of the EGTT for 2006 and the experts nominated by Parties to serve on the EGTT for 2006 (see annex II).

81. The SBSTA noted with appreciation the assistance provided by the Governments of Canada, Norway and the United States of America, the European Community, UNDP and UNEP, as well as the CTI and the private sector, for the successful implementation of the EGTT work programme for 2005. It encouraged Parties, relevant international organizations and the private sector to support the EGTT in implementing its work programme for 2006.

82. The SBSTA requested the secretariat, resources permitting, to organize a special working session of the EGTT in early 2006 to enable the group to further elaborate its recommendations for enhancing the implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention, for consideration by the SBSTA at its twenty-fourth session (May 2006).

83. The SBSTA further requested the EGTT to organize, with the assistance of the secretariat, a side event (as indicated in the EGTT work programme for 2006) on issues surrounding the transfer of publicly owned technologies and those in the public domain, including the role of governments in facilitating, to the extent practicable, the access to and transfer of such technologies to developing country Parties and Parties with economies in transition. It also requested the EGTT to consider appropriate next steps on this matter, taking into consideration the discussion at the side event, and to report to the SBSTA for its consideration at its twenty-fifth session (November 2006).

IX. Research and systematic observation

(Agenda item 9)

1. Proceedings

84. The SBSTA considered this item at its 2nd and 4th meetings, on 29 November and 6 December, respectively. Statements were made by representatives of nine Parties, including one speaking on behalf of the European Community and its member States.³¹

85. At its 2nd meeting, the SBSTA agreed to consider this item in a contact group co-chaired by Mr. Stefan Rösner (Germany) and Mr. Philip Gwage (Uganda). At the 4th meeting, Mr. Rösner reported on the contact group's consultations.

86. At its 4th meeting, the SBSTA considered and adopted conclusions³² proposed by the Chair.

2. Conclusions

87. The SBSTA took note of the submissions from Parties on the report on progress made towards implementing the initial ocean climate observing system, and on the final report on the analysis of data exchange issues in global atmospheric and hydrological networks, contained in document FCCC/SBSTA/2005/MISC.15 and Add.1.

³¹ This statement was made in association with Bulgaria, Romania and Croatia.

³² Adopted as FCCC/SBSTA/2005/L.17.

88. The SBSTA welcomed with appreciation the report from the Global Climate Observing System (GCOS) secretariat on progress with the *Implementation Plan for the Global Observing System for Climate in Support of the UNFCCC* (hereinafter referred to as the GCOS implementation plan) contained in document FCCC/SBSTA/2005/MISC.14; the report from the Committee on Earth Observation Satellites (CEOS) on preparing a coordinated response from space agencies involved in global observations to the needs expressed in the GCOS implementation plan, contained in document FCCC/SBSTA/2005/MISC.17/Rev.1; and a progress report on developing a framework for the preparation of guidance materials, standards and reporting guidelines for terrestrial observing systems for climate, prepared by the Global Terrestrial Observing System (GTOS) secretariat and contained in document FCCC/SBSTA/2005/MISC.16.

89. The SBSTA noted that there is now an excellent foundation upon which to improve the global observing systems for climate. It urged Parties to further implement the GCOS implementation plan, including the capacity-building elements.

90. The SBSTA urged those Parties that have not already done so to designate GCOS national coordinators and GCOS national focal points.

91. The SBSTA welcomed the information in document FCCC/SBSTA/2005/MISC.14, that almost all of the international agencies identified in the GCOS implementation plan have formally or informally acknowledged their roles in the GCOS implementation plan and are actively engaged in developing and/or refining their specific work plans. This commitment to action represents a substantial degree of international consensus and support for the GCOS implementation plan.

92. The SBSTA welcomed and accepted the offer from the CEOS, on behalf of the Parties supporting space agencies involved in global observations, to provide a detailed report on a coordinated response to the needs expressed in the GCOS implementation plan at SBSTA 25 (November 2006).

93. The SBSTA welcomed the efforts by the GTOS secretariat to develop a framework for the preparation of guidance materials, standards and reporting guidelines for terrestrial observing systems for climate and encouraged the GTOS to continue its work. It also called on the GTOS secretariat to assess the status of the development of standards for each of the essential climate variables in the terrestrial domain. The SBSTA invited the GTOS secretariat to report on its progress by SBSTA 26 (May 2007).

94. The SBSTA requested the GCOS secretariat to provide a comprehensive report at its thirtieth session (June 2009) on progress with the GCOS implementation plan, in addition to the regular reporting requested by the COP in decision 5/CP.10.

95. The SBSTA noted that the report referred to in paragraph 94 would be heavily dependent upon obtaining timely information on national implementation activities. Therefore, the SBSTA invited Parties to submit to the secretariat, by 15 September 2008, additional information on their national activities with respect to implementing the plan.

96. The SBSTA welcomed the ongoing efforts of the Group on Earth Observations (GEO) and invited the GCOS and the GEO to continue to coordinate closely on the implementation of the GCOS implementation plan and the Global Earth Observation System of Systems (GEOSS) 10-year implementation plan. The SBSTA encouraged Parties included in Annex I to the Convention (Annex I Parties) to facilitate the participation of developing country Parties in implementation activities wherever possible.

97. The SBSTA agreed to revise the “UNFCCC reporting guidelines on global climate change observing systems”³³ in order to reflect priorities of the GCOS implementation plan and incorporate the reporting on essential climate variables. Parties also noted the need to revise the more comprehensive supplementary reporting format.³⁴ The SBSTA agreed to consider this issue at its twenty-fifth session. It invited the GCOS secretariat to submit to the SBSTA, by September 2006, a proposal on ways and means to address these needs.

98. The SBSTA noted the importance of the oceanic observations in contributing to meeting the needs of the Convention. The SBSTA requested Parties in a position to do so to address the need for continued, sustained and enhanced support for the implementation of the global ocean observing system for climate. It noted in particular the need for sustained support to operationalize the system and need for the collection and archiving of marine data and metadata.

99. The SBSTA reiterated that data exchange is fundamental to the needs of the Convention. It noted with concern that many of the problems of data exchange, as referred to in the final report on the analysis of data exchange issues in global atmospheric and hydrological networks,³⁵ still remain. The SBSTA urged Parties to implement the possible remedy options identified in that report.

100. The SBSTA urged Parties and invited relevant intergovernmental organizations and international bodies, such as the World Meteorological Organization and the International Council for Science, to provide active support to international data centres in their efforts to obtain permission from countries for the release of the data and the rescue of historical climate records.

101. The SBSTA noted that the regional workshop programme will be completed in early 2006. It invited the GCOS secretariat, in cooperation with the Regional Workshop Advisory Committee, to report on the results of the programme at its twenty-fifth session.

102. The SBSTA reiterated the need to strengthen capacities in the field of climate observations, data analysis and data management. The SBSTA also reiterated the importance of, and continued need for, capacity-building, including through the GEO, the GCOS cooperation mechanism, and regional activities, to enable developing countries to apply climate observations, inter alia, for impact assessment and preparation for adaptation.

X. Cooperation with relevant international organizations

(Agenda item 10)

A. Agenda item held in abeyance

(Agenda item 10 (a) *held in abeyance*)

B. Cooperation with other conventions, scientific organizations and United Nations bodies

(Agenda item 10 (b))

1. Proceedings

103. The SBSTA considered this sub-item at its 2nd and 3rd meetings, on 29 November, and at its 4th meeting, on 6 December. Statements were made by representatives of 10 Parties, including one speaking on behalf of the European Community and its member States,³⁶ one on behalf of AOSIS and one on behalf of the Group of 77 and China. Statements were also made by representatives of the secretariat of

³³ FCCC/CP/1999/7, chapter III.

³⁴ FCCC/SBSTA/2000/14, paragraph 59. The supplementary reporting format can be found at <<http://www.wmo.ch/web/gcos/Supp-Guidance-2000.pdf>>.

³⁵ Available as document GCOS-96 (WMO/TD No.1255) at <<http://www.wmo.int/web/gcos/gcoshome.html>>.

³⁶ This statement was made in association with Bulgaria, Romania and Croatia.

the Convention on Wetlands (Ramsar, Iran, 1971; hereinafter referred to as the Ramsar Convention), the IPCC, the Food and Agriculture Organization of the United Nations (FAO), the United Nations Forum on Forests (UNFF) and the secretariat of the International Strategy for Disaster Reduction (UNISDR).

104. At its 2nd meeting, the SBSTA requested the Chair, with the assistance of the secretariat, to draft conclusions on this sub-item. At its 3rd meeting the SBSTA agreed to consider matters relating to the IPCC *Special Report on Carbon Dioxide Capture and Storage* (hereinafter referred to as the IPCC special report) in a contact group co-chaired by Mr. William Agyemang-Bonsu (Ghana) and Mr. Thomas Verheye (European Community). At the 4th meeting, Mr. Verheye reported on the contact group's consultations.

105. At its 4th meeting, the SBSTA considered and adopted conclusions³⁷ proposed by the Chair.

2. Conclusions

106. The SBSTA took note of the oral report by the secretariat on the outcome of the consideration by the Joint Liaison Group (JLG) of the paper on options for enhanced cooperation among the three Rio Conventions contained in document FCCC/SBSTA/2004/INF.19. It recalled that, in line with its conclusions at its twenty-first session, Parties are invited to submit to the secretariat, by 13 February 2006, their views on the options paper and on its consideration by the JLG, and requested the secretariat to compile those views into a miscellaneous document for consideration by the SBSTA at its twenty-fourth session (May 2006). The SBSTA also noted an oral report provided by the representative of the secretariat of the Ramsar Convention.

107. The SBSTA noted with appreciation the oral report by the representative of the IPCC on the development of its *Fourth Assessment Report*, on the *2006 IPCC Guidelines for National Greenhouse Gas Inventories*, and on other reports and activities. It also noted statements made on behalf of FAO, UNFF and the secretariat of UNISDR on their activities relevant to the UNFCCC.

108. The SBSTA welcomed the IPCC special report and expressed its gratitude to the IPCC for preparing the report.

109. The SBSTA noted that the IPCC special report provides a comprehensive assessment of the scientific, technical, environmental, economic and social aspects of capture and storage of carbon dioxide.

110. The SBSTA acknowledged that carbon dioxide capture and storage is an option, in the portfolio of mitigation options, for stabilization of atmospheric greenhouse gas concentrations, noting that complete carbon dioxide capture and storage systems are in various stages of development ranging from research and development to the mature market stage. It encouraged Parties, the private sector and other potential developers to support the acceleration of research, development, deployment and diffusion of carbon dioxide capture and storage technologies.

111. The SBSTA recognized the importance of disseminating the results of the special report in the context of ongoing work, including on scientific, technical and socio-economic aspects of mitigation, development of technologies, and education, training and public awareness.

112. The SBSTA requested the secretariat, subject to availability of resources, to organize, under the guidance of the Chair of the SBSTA, an in-session workshop on carbon dioxide capture and storage at the twenty-fourth session of the SBSTA. The objective of the workshop would be to increase understanding of carbon dioxide capture and storage through an overview of the IPCC special report and

³⁷ Adopted as FCCC/SBSTA/2005/L.26.

through experiences and lessons learned. It would cover relevant provisions of the forthcoming *2006 IPCC Guidelines for National Greenhouse Gas Inventories*, demonstration and pilot projects and capacity-building for the development and use of this technology. The workshop would draw on the views of Parties and the relevant expertise of Parties, intergovernmental organizations and other organizations. The SBSTA requested its Chair to prepare a report of the above-mentioned workshop for consideration by the SBSTA at its twenty-fifth session (November 2006) and requested that this report and workshop presentations be posted on the UNFCCC web site as soon as possible after the workshop.

113. The SBSTA took note of the oral report by the secretariat on the thematic cluster of energy for sustainable development, climate change, air pollution/atmosphere and industrial development planned for consideration at the fourteenth session of the United Nations Commission on Sustainable Development (CSD 14). The SBSTA requested the secretariat to report on the outcome of CSD 14 on these issues to the SBSTA at its twenty-fourth session.

XI. Other matters

(Agenda item 11)

A. Progress reports

(Agenda item 11 (a))

1. Proceedings

114. The SBSTA considered this sub-item at its 3rd and 4th meetings, on 29 November and 6 December, respectively. It had before it documents FCCC/SBSTA/2005/6 and Corr. 1–2, FCCC/SBSTA/2005/9, FCCC/SBSTA/2005/INF.6, FCCC/SBSTA/2005/MISC.8. Statements were made by representatives of two Parties, including one speaking on behalf of the European Community and its member States.³⁸ The secretariat provided the following progress reports:

- (a) Report on the workshop on national systems for the preparation of greenhouse gas inventories under Article 5, paragraph 1, of the Kyoto Protocol
- (b) Annual report on the technical review of greenhouse gas inventories from Parties included in Annex I to the Convention
- (c) Report on the round-table discussion on experiences of Parties included in Annex I to the Convention in implementing policies and measures
- (d) Scientific and methodological aspects of the proposal by Brazil.

115. At its 3rd meeting, the SBSTA requested the Chair, with the assistance of the secretariat, to draft conclusions on this sub-item.

116. At its 4th meeting, the SBSTA considered and adopted conclusions³⁹ proposed by the Chair.

2. Conclusions

Report on the round-table discussion on experiences of Parties included in Annex I to the Convention in implementing policies and measures

117. The SBSTA noted with appreciation the organization by the secretariat of the round-table discussion on experiences of Annex I Parties in implementing policies and measures, held on 24 May

³⁸ This statement was made in association with Bulgaria, Romania and Croatia.

³⁹ Adopted as FCCC/SBSTA/2005/L.25.

2005 in Bonn, Germany. It expressed its appreciation to the speakers and the participants for making it a successful event.

118. The SBSTA took note of the report on this event prepared by the secretariat (FCCC/SBSTA/2005/INF.6).

Scientific and methodological aspects of the proposal by Brazil

119. The SBSTA agreed to return to the consideration of scientific and methodological aspects of the proposal by Brazil at its twenty-fourth session (May 2006).

**B. Issues relating to the implementation of Article 2, paragraph 3,
of the Kyoto Protocol**
(Agenda item 11 (b))

1. Proceedings

120. The SBSTA considered this sub-item at its 2nd and 4th meetings, on 29 November and 6 December, respectively. Statements were made by representatives of 26 Parties, including one speaking on behalf of the European Community and its member States.⁴⁰

121. At its 2nd meeting, the SBSTA agreed that the Chair of the SBSTA would consult on how this sub-item would be considered. At the 4th meeting, the Chair reported on these consultations.

122. At its 4th meeting, the SBSTA considered and adopted conclusions⁴¹ proposed by the Chair.

2. Conclusions

123. The SBSTA did not complete its consideration of issues under this agenda sub-item. It agreed to continue its consideration of these issues at its twenty-fourth session (May 2006).

C. Other matters referred by the Conference of the Parties
(Agenda item 11 (c))

124. No other matters were referred to the SBSTA by the COP.

**D. Other matters referred by the Conference of the Parties serving as the meeting
of the Parties to the Kyoto Protocol**
(Agenda item 11 (d))

125. No other matters were referred to the SBSTA by the COP/MOP.

E. Any other matters
(Agenda item 11 (e))

1. Proceedings

126. The SBSTA considered this sub-item at its 3rd and 4th meetings, on 29 November and 6 December, respectively. At the third meeting, the secretariat informed Parties that no new information on activities implemented jointly under the pilot phase had been received since the last synthesis report.

127. At its 3rd meeting the SBSTA requested the Chair, with the assistance of the secretariat, to draft conclusions on this sub-item.

⁴⁰ This statement was made in association with Bulgaria, Romania and Croatia.

⁴¹ Adopted as FCCC/SBSTA/2005/L.22.

128. At its 4th meeting, the SBSTA considered and adopted conclusions⁴² proposed by the Chair.

2. Conclusions

129. The SBSTA took note that no new information on activities implemented jointly under the pilot phase had been received since the last synthesis report.

130. The SBSTA reminded Parties that, in accordance with decision 10/CP.10, the deadline for submission of reports on activities implemented jointly under the pilot phase, to be considered in the seventh synthesis report, shall be 1 June 2006.

XII. Report on the session

(Agenda item 12)

131. At its 5th meeting, on 6 December, the SBSTA considered and adopted the draft report on its twenty-third session.⁴³ 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.

XIII. Closure of the session

132. Before closing the session, the Chair thanked delegates, the chairs of contact groups and facilitators of informal consultations for their contributions.

⁴² Adopted as FCCC/SBSTA/2005/L.21.

⁴³ Adopted as FCCC/SBSTA/2005/L.15.

Annex I

Draft indicative list of activities for the programme of work of the Subsidiary Body for Scientific and Technological Advice (SBSTA) on impacts, vulnerability and adaptation to climate change

Activity	Action by the SBSTA	Tentative time of first consideration by the SBSTA
<i>Sub-theme A (i). Promoting development and dissemination of methodologies and tools for impact and vulnerability assessments, such as rapid assessments and bottom-up approaches, including as they apply to sustainable development</i>		
1. Sharing of experiences and lessons learned in using methodologies on impact, vulnerability and adaptation assessments, including for rapid integrated assessment of vulnerability and adaptation and other bottom-up approaches	<ul style="list-style-type: none"> • Invite inputs from relevant communities, experts and UNFCCC expert groups • Organize workshop(s) (separate or in conjunction with other relevant UNFCCC and other meetings) with participation of practitioners, experts, users and Parties • Secretariat to prepare a synthesis paper based on the information from the above, and including relevant output from the regional workshops under decision 1/CP.10 	SBSTA 27
2. Analysis of available ways and means for dissemination and use of information on methodologies, including analysis of the needs, feasibility and possible ways to further develop the UNFCCC compendium on methods and tools	<ul style="list-style-type: none"> • Secretariat to develop a questionnaire • Invite submissions from Parties and organizations • Secretariat to prepare a synthesis paper 	SBSTA 25
3. Taking stock of available methods and tools, existing needs and gaps and relevant organizations and actors engaged in the development of methodologies, models and tools	<ul style="list-style-type: none"> • Secretariat, under the guidance of the Chair of the SBSTA, to organize an expert meeting with participation of relevant bodies and organizations • Secretariat, in cooperation with experts and representatives of relevant organizations, to prepare a technical report 	SBSTA 28

<i>Sub-theme A (ii). Improving collection, management, exchange, access to and use of observational data and other relevant information on current and historical climate and its impacts, and promoting improvement of observations, including the monitoring of climate variability</i>		
1. Promoting implementation of the Global Climate Observing System (GCOS) implementation plan as it relates to the supply of data and information for vulnerability and adaptation assessment and addressing deficiencies in observational networks at the national and regional level	<ul style="list-style-type: none"> Request GCOS in submitting its report to the SBSTA as per decision 5/CP.10 to focus on the issues relating to the supply of data and information for vulnerability and adaptation assessment Invite the GCOS secretariat in cooperation with the Regional Workshop Advisory Committee to report on the results of the programme 	SBSTA 27
2. Identifying stakeholders' needs for relevant climate observations and data, and dissemination of user-friendly climate products and services, and means to develop a comprehensive and effective international system for data management and archiving	<ul style="list-style-type: none"> Request the secretariat, involving GCOS and Global Earth Observation System of Systems (GEOSS), to organize a special event with the participation of relevant stakeholders Invite input from GCOS and GEOSS secretariats on this matter 	SBSTA 28
<i>Sub-theme A (iii). Promoting the development of, access to, and use of information and data on projected climate change</i>		
1. Identifying gaps in the development of regional and subregional climate scenarios, including the need for, availability and applicability of, climate models, and options to fill them	<ul style="list-style-type: none"> Invite submissions from Parties on these matters Secretariat to prepare a synthesis report 	SBSTA 27
2. Analysing means to improve the availability and applicability of high quality climate change modelling and downscaling data to policy makers at all levels	<ul style="list-style-type: none"> Request the secretariat under the guidance of the Chair of the SBSTA to organize an expert meeting with participation of the Intergovernmental Panel on Climate Change (IPCC) task group on scenarios for climate impact assessment (TGICA), other international organizations, modelling centres, and regional and national agencies with relevant experience, to present latest developments on climate products and to develop options for consideration by the SBSTA. Invite input from the Consultative Group of Experts on National Communications from Parties not included in Annex I to the Convention and the Least Developed Countries Expert Group (LEG) 	SBSTA 27

3. Promoting the analysis, interpretation and prediction of the occurrence of extreme events, analysis of their impacts and the further development of tools and systems for these purposes	To be determined	To be determined
<i>Sub-theme A (iv). Promoting understanding of impacts of, and vulnerability to, climate change, current and future climate variability and extreme events, and the implications for sustainable development</i>		
1. Informing SBSTA on recent scientific findings relating to possible thresholds, including information on possible abrupt events	<ul style="list-style-type: none"> • Request the secretariat to organize, during the SBSTA session, a special event with participation of experts, IPCC and other relevant scientific organizations 	SBSTA 28
2. Sharing of information on activities to improve understanding and communication of climate change risks, extreme events and vulnerabilities, including communicating information to relevant organizations	<ul style="list-style-type: none"> • Request the secretariat to organize workshop(s) with the participation of organizations and institutions working in such areas and/or sectors as coastal zone management, water, agriculture, health, energy, ecosystems and infrastructure 	SBSTA 25–27
3. Enhancing communication of relevant and user-friendly information on climate risks and vulnerabilities to relevant international, regional, national sectoral and other organizations	<ul style="list-style-type: none"> • Invite Parties and experts to identify relevant organizations, with the secretariat to prepare and disseminate a directory of these organizations to support the building of active networks and partnerships • Secretariat and Parties to inform identified organizations of relevant information, tools and methodologies, and encourage them to fully incorporate adaptation considerations into their work 	To be determined
<i>Sub-theme A (v). Promoting the availability of information on the socio-economic aspects of climate change and improving the integration of socio-economic information into impact and vulnerability assessments</i>		
1. A stocktake on what socio-economic information is needed and available for the assessment of adaptive capacity and vulnerability and creation of socio-economic scenarios, determining how access to this information can be improved	<ul style="list-style-type: none"> • Invite submissions from Parties • Request the secretariat to develop, under the guidance of the Chair of the SBSTA, a questionnaire to assess the availability of information necessary for assessing vulnerability at all levels, including from the local community level • Invite input from IPCC TGICA. • Request the secretariat to prepare a synthesis of the information 	SBSTA 30

<i>Sub-theme B (i). Promoting the development and dissemination of methods and tools for assessment and improvement of adaptation planning, measures and actions, and integration with sustainable development</i>		
1. Analysis of tools for adaptation planning, measures, actions, including assessing costs and benefits of adaptation options (including those contained in the UNFCCC compendium on methods and tools)	<ul style="list-style-type: none"> Request the secretariat, under the guidance of the Chair of the SBSTA, to prepare a technical report with involvement of relevant experts and organizations 	SBSTA 26
<i>Sub-theme B (ii). Collecting, analysing and disseminating information on past and current practical adaptation actions and measures, including adaptation projects, short- and long-term adaptation strategies, and local and indigenous knowledge</i>		
1. Analysis of the need and feasibility of developing a web-based interface for dissemination of information on existing experiences and case studies on adaptation planning, measures and actions, taking into account existing sectoral, national and other relevant databases and information sources	<ul style="list-style-type: none"> Request the secretariat to undertake a feasibility study in consultation with invited experts and relevant organizations Invite input from the LEG 	SBSTA 26
2. Provision of a forum to exchange information between Parties and relevant communities, in particular sectoral, disaster risk reduction and management communities	<ul style="list-style-type: none"> Request the secretariat to organize a workshop or a special SBSTA event with participation of practitioners and relevant organizations with the objective of providing Parties and organizations with relevant information and tools, and encourage them to incorporate adaptation considerations into their work 	SBSTA 30
3. Assessing available resources to support adaptation and address barriers and constraints to its implementation	<ul style="list-style-type: none"> Invite inputs from Parties and organizations and synthesis of information by the secretariat 	To be determined
4. Encouraging other relevant organizations and forums to include consideration of adaptation experiences as an important element of their work	<ul style="list-style-type: none"> Request the secretariat and Parties to identify and contact relevant organizations and forums, provide them with relevant information and tools and encourage them to fully incorporate adaptation considerations into their work 	To be determined

<i>Sub-theme B (iii). Promoting research on adaptation options and the development and diffusion of technologies, know-how and practices for adaptation, particularly addressing identified adaptation priorities and building on lessons learned from current adaptation projects and strategies</i>		
1. Analysis of opportunities and agents to promote research and development on adaptation solutions, including insurance and the role of technologies	<ul style="list-style-type: none"> • Use related output from SBSTA work on research needs under the Convention • SBSTA special event with participation of relevant international research organizations and bodies • Synthesis of information by the secretariat 	SBSTA 24
2. Encouragement of work on different aspects of technologies and know-how on adaptation, as well as on opportunities for their transfer, taking into account local and indigenous knowledge and experiences with the implementation of pilot projects	<ul style="list-style-type: none"> • Invite the Expert Group on Technology Transfer (EGTT) to continue its work on technologies on adaptation and provide a report to the SBSTA • Invite the LEG to provide information on its work, taking into account local and indigenous knowledge 	SBSTA 25
<i>Sub-theme B (iv). Facilitating communication and cooperation among and between Parties and relevant organizations, business, civil society, and decision makers, and other stakeholders</i>		
1. Analysis of possibilities of, and means for, cooperation among Parties and other relevant actors on managing climate change risks, with the aim of assisting countries to enhance their capacity to adapt to climate change risks, giving priority to the most vulnerable countries	<ul style="list-style-type: none"> • Request the secretariat to organize workshop(s) with participation of organizations and institutions relevant to the particular sectors 	SBSTA 25–27
2. Exchange of information on adaptation actions on the ground, including sharing of experiences and lessons learned relating to the link between climate change and sustainable development, to facilitate the implementation of adaptation projects and South–South cooperation	<ul style="list-style-type: none"> • Request the secretariat to compile information on adaptation actions undertaken in different countries and to organize a special side event on this matter with the participation of Parties and relevant organizations and practitioners 	SBSTA 26

3. Support of the process of learning by doing through the analysis of existing projects on adaptation and of experiences deriving from their implementation	<ul style="list-style-type: none"> • Request the secretariat to organize a workshop with participation of practitioners and institutions • Request the secretariat to issue a technical synthesis paper on lessons learned, issues, opportunities and solutions in relation to implementation of the adaptation projects • Invite the EGTT and other relevant groups to critically examine the relevant case studies, including pilot projects on adaptation, and provide a report to the SBSTA on lessons learned 	SBSTA 25–27
<i>Sub-theme B (v). Promoting understanding and the development and dissemination of measures, methodologies and tools, including for economic diversification, aimed at increasing economic resilience and reducing reliance on vulnerable economic sectors, especially for the relevant categories of countries listed in Article 4, paragraph 8, of the Convention</i>		
1. Exchange of experiences and opportunities on economic diversification and lessons learned, including activities undertaken by governments and the private sector in developed countries	<ul style="list-style-type: none"> • Request the secretariat, under the guidance of the Chair of the SBSTA, to organize a meeting of experts and practitioners from governments and the private sector 	SBSTA 26
2. Sharing of experiences, lessons learned and other information on the development of economic models aimed at understanding vulnerable economic sectors, and on measures to promote economic diversification	<ul style="list-style-type: none"> • Request the secretariat, under the guidance of the Chair of the SBSTA, to organize a meeting of experts and practitioners 	SBSTA 26

Annex II

Members of the Expert Group on Technology Transfer for 2006

Africa

Ms. Jeanne Josette Acacha Akoha

Mr. Nagmeldin Goutbi El Hassan

Mr. Kamel Djemouai

Asia and the Pacific

Mr. Hussein Badarin

Mr. Kok Kee Chow

Ms. Tatyana Ososkova

Latin America and the Caribbean

Ms. Karen Smith

Ms. Ana Maria Castillo

Mr. Eduardo Alvarez

Small island developing States

Mr. Taito Nakalevu

Parties included in Annex I to the Convention

Mr. Andrej Kranjc

Mr. Taka Hiraishi

Mr. Thomas Verheye

Mr. Bernard Mazijn

Mr. Elmer Holt

Ms. Margaret E. Martin

Mr. Giorgio Vicini

Note: The term for all members will expire at the end of 2006.

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

FCCC/SBSTA/2005/5	Provisional agenda and annotations. Note by the Executive Secretary
FCCC/SBSTA/2005/6 and Corr. 1–2	Report on the workshop on national systems for the preparation of greenhouse gas inventories under Article 5, paragraph 1, of the Kyoto Protocol. Note by the secretariat
FCCC/SBSTA/2005/7	Synthesis of views from Parties on the tables of the common reporting format for land use, land-use change and forestry in accordance with decision 13/CP.9 and on experience with their use. Note by the secretariat
FCCC/SBSTA/2005/8	Report on the seminar on the development and transfer of technologies for adaptation to climate change. Note by the secretariat
FCCC/SBSTA/2005/9	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/2005/INF.5	Summary report on topics covered at the workshops on mitigation of climate change. Note by the secretariat
FCCC/SBSTA/2005/INF.6	Report on the round-table discussion on experiences of Parties included in Annex I to the Convention in implementing policies and measures. Note by the secretariat
FCCC/SBSTA/2005/INF.7	Information on harvested wood products contained in previous submissions from Parties and in national greenhouse gas inventory reports. Note by the secretariat
FCCC/SBSTA/2005/INF.8	Options relating to implications of the establishment of new hydrochlorofluorocarbon-22 (HCFC-22) facilities seeking to obtain certified emissions reductions for the destruction of hydrofluorocarbon-23 (HFC-23). Note by the secretariat
FCCC/SBSTA/2005/INF.9	Initial report on the pilot project on networking between the UNFCCC technology information clearing house (TT:CLEAR) and regional and national technology information centres. Note by the secretariat
FCCC/SBSTA/2005/INF.10	Annual report of the Expert Group on Technology Transfer for 2005. Note by the Chair of the Expert Group on Technology Transfer
FCCC/SBSTA/2005/MISC.7 and Add.1	Views from Parties on the tables of the common reporting format for land use, land-use change and forestry in accordance with decision 13/CP.9 and on experience with their use. Submissions from Parties

- FCCC/SBSTA/2005/MISC.8 National systems for the preparation of greenhouse gas inventories under Article 5, paragraph 1, of the Kyoto Protocol. Submissions from Parties
- FCCC/SBSTA/2005/MISC.9 and Add.1–2 Data and information on changes in carbon stocks and emissions of greenhouse gases from harvested wood products and experiences with the use of relevant guidelines and guidance of the Intergovernmental Panel on Climate Change. Submissions from Parties
- FCCC/SBSTA/2005/MISC.10 Implications of the establishment of new hydrochlorofluorocarbon-22 (HCFC-22) facilities seeking to obtain certified emissions reductions for the destruction of hydrofluorocarbon-23 (HFC-23). Submissions from Parties
- FCCC/SBSTA/2005/MISC.12 and Add.1–2 Views on lessons learned from the mitigation workshops held to date and on future work on mitigation of climate change. Submissions from Parties
- FCCC/SBSTA/2005/MISC.13 and Add.1 Proposals for criteria for cases of failure to submit information relating to estimates of greenhouse gas emissions by sources and removals by sinks from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol. Submissions from Parties
- FCCC/SBSTA/2005/MISC.14 Implementation of the *Implementation Plan for the Global Observing System for Climate in Support of the UNFCCC*. Submission from the Global Climate Observing System secretariat
- FCCC/SBSTA/2005/MISC.15 and Add.1 Views on the report on progress made towards implementing the initial ocean climate observing system, and on the final report on the analysis of data exchange issues in global atmospheric and hydrological networks. Submissions from Parties
- FCCC/SBSTA/2005/MISC.16 Progress report on developing a framework for the preparation of guidance materials, standards and reporting guidelines for terrestrial observing systems for climate. Submission from the Global Terrestrial Observing System secretariat
- FCCC/SBSTA/2005/MISC.17/ Rev.1 Progress report on preparing a coordinated response from space agencies involved in global observations to the needs expressed in the *Implementation Plan for the Global Observing System for Climate in Support of the UNFCCC*. Revised submission by Argentina on behalf of the Committee on Earth Observation Satellites
- FCCC/SBSTA/2005/L.15 Draft report of the Subsidiary Body for Scientific and Technological Advice on its twenty-third session
- FCCC/SBSTA/2005/L.16 Harvested wood products. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.17 Research and systematic observation. Draft conclusions proposed by the Chair

- FCCC/SBSTA/2005/L.18 Criteria for cases of failure to submit information relating to estimates of greenhouse gas emissions by sources and removals by sinks from activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol. Draft conclusions proposed by the Chair
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- FCCC/SBSTA/2005/L.19 Tables of the common reporting format for land use, land-use change and forestry. Draft conclusions proposed by the Chair
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- FCCC/SBSTA/2005/L.20 Guidance relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol. Draft conclusions proposed by the Chair
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- FCCC/SBSTA/2005/L.21 Activities implemented jointly under the pilot phase. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.22 Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.23 Work programme of the Expert Group on Technology Transfer for 2006. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.24 Matters relating to the implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.24/Add.1 Matters relating to the implementation of the framework for meaningful and effective actions to enhance the implementation of Article 4, paragraph 5, of the Convention. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
- FCCC/SBSTA/2005/L.25 Progress reports. Draft conclusions proposed by the Chair

- FCCC/SBSTA/2005/L.26 Cooperation with other conventions, scientific organizations and United Nations bodies. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.27 Implications of the implementation of project activities under the clean development mechanism, referred to in decision 12/CP.10, for the achievement of objectives of other environmental conventions and protocols. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.27/Add.1 Implications of the implementation of project activities under the clean development mechanism, referred to in decision 12/CP.10, for the achievement of objectives of other environmental conventions and protocols. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
- FCCC/SBSTA/2005/L.28 Emissions from fuel used for international aviation and maritime transport. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.29 Scientific, technical and socio-economic aspects of mitigation of climate change. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.30 Scientific, technical and socio-economic aspects of impacts, vulnerability and adaptation to climate change. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2005/L.30/Add.1 Scientific, technical and socio-economic aspects of impacts, vulnerability and adaptation to climate change. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice

Other documents before the session

- FCCC/CP/2004/10 and Add.1–2 Report of the Conference of the Parties on its tenth session, held at Buenos Aires from 6 to 18 December 2004
- FCCC/KP/CMP/2005/5 Annual report of the administrator of the international transaction log (2005). Note by the secretariat
- FCCC/SBSTA/2005/4 and Amend.1 Report of the Subsidiary Body for Scientific and Technological Advice on its twenty-second session, held at Bonn from 19 to 27 May 2005
- FCCC/SBSTA/2005/4/Add.1 Report of the Subsidiary Body for Scientific and Technological Advice on its twenty-second session, held at Bonn from 19 to 27 May 2005. Addendum. Draft decisions and conclusions forwarded for adoption by the Conference of the Parties.

- FCCC/SBSTA/2004/INF.10 Options for approaches to sharing experience and exchanging information on “good practices” in policies and measures. Note by the secretariat
- FCCC/SBSTA/2004/INF.19 Options for enhanced cooperation among the three Rio Conventions. Note by the secretariat
- FCCC/SBSTA/2004/MISC.14 Views on issues from the research event at the twentieth session of the Subsidiary Body for Scientific and Technological Advice. Submissions from Parties
