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**SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE**

**Twenty-second session  
Bonn, 19–27 May 2005**

**Item 2 (a) of the provisional agenda  
Organizational matters  
Adoption of the agenda**

**Provisional agenda and annotations**

**Note by the Executive Secretary**

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## II. Annotations to the provisional agenda

### 1. Opening of the session

1. The twenty-second session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) is scheduled to be opened by the Chair on Thursday, 19 May 2005.

### 2. Organizational matters

- (a) Adoption of the agenda

2. The provisional agenda for the session will be presented for adoption.

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- (b) Organization of the work of the session

3. *Background:* After the opening meetings to launch work on various agenda items, in-session workshops on adaptation and on mitigation will take place, followed by a plenary to launch work on agenda items 3 and 4. The workshops are scheduled for Saturday, 21 May, and Monday, 23 May, respectively. A round-table discussion on policies and measures is scheduled for Tuesday, 24 May. The SBSTA will reconvene on Friday, 27 May to complete its work and adopt its conclusions. In order to economize on resources, there will be no capacity for parallel meetings with interpretation.

4. Parties are invited to refer to the overview of the session posted on the UNFCCC web site and to consult the Daily Programme, published during the session, for a detailed and up-to-date schedule of the work of the SBSTA.

5. Representatives of Parties and international organizations are requested to keep their oral statements as brief as possible. Those wishing to make a written statement available should bring copies for distribution.

6. *Action:* The SBSTA will be invited to agree on the organization of work for the session along the lines indicated above.

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*Provisional agenda and annotations. Note by the Executive Secretary*

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

7. *Background:* The Conference of the Parties (COP), by its decision 10/CP.9, requested the SBSTA to initiate work on scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. It further requested the SBSTA to report on its work in these areas to the COP at its eleventh session.

8. The COP, by its decision 1/CP.10, requested the SBSTA to develop a structured five-year programme of work of the SBSTA on the scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change, which would address the following issues: methodologies, data and modelling; vulnerability assessments; adaptation planning, measures and actions; and integration into sustainable development in the context of the terms of reference of the SBSTA as referred to in Article 9 of the Convention.

9. The COP also requested the secretariat to organize, under the guidance of the Chair of the SBSTA, an in-session workshop during this session to facilitate the development of this programme. The workshop is scheduled for Saturday, 21 May 2005 in the morning. The COP invited Parties to submit to the secretariat their views on the programme of work for consideration by the SBSTA at this session. Parties will be invited to present the essence of their submissions during the in-session workshop.

10. *Action:* The SBSTA is expected to further develop and agree on major elements of a programme of work of the SBSTA on the scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change.

FCCC/SBSTA/2005/MISC.3

*Views on the five-year programme of work of the Subsidiary Body for Scientific and Technological Advice on the scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Submissions from Parties*

### **4. Scientific, technical and socio-economic aspects of mitigation of climate change**

11. *Background:* The COP, by its decision 10/CP.9, requested the SBSTA to initiate work on scientific, technical and socio-economic aspects of mitigation, and to report on its work in these areas to the COP at its eleventh session.

12. At SBSTA 21, Parties requested the secretariat to organize, under the guidance of the Chair of the SBSTA, an in-session workshop during this session in order to continue the exchange of information and the sharing of experiences and views on practical opportunities and solutions for mitigation that contribute to sustainable development, focusing on the following topics: factors that affect mitigation technology innovation, deployment and diffusion, including international cooperative efforts, and identification and removal of barriers; and socio-economic aspects of mitigation, such as costs and benefits, co-benefits, poverty reduction and economic impacts, including spillover effects.

13. The workshop is scheduled for Monday, 23 May 2005 in the morning. The SBSTA invited Parties to submit to the secretariat their views on the organization of the in-session workshop.

14. *Action:* The SBSTA is expected to identify any follow-up action resulting from the in-session workshop, to take stock of progress of its work on scientific, technical and socio-economic aspects of mitigation of climate change, and to plan its activities in this area, taking into account the need to report to the COP at its eleventh session on its work, as requested by decision 10/CP.9.

<i>FCCC/SBSTA/2005/MISC.2</i>	<i>Views on the organization of the in-session workshop on mitigation. Submissions from Parties</i>
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## 5. Methodological issues

### (a) Emissions from fuel used for international aviation and maritime transport

15. *Background:* At SBSTA 19, Parties recognized the importance of reliable inventory data for further work on the implementation of decision 2/CP.3, and agreed to continue consideration of inventory issues relating to this decision at SBSTA 22.

16. At SBSTA 21, Parties recalled these conclusions and requested the secretariat to prepare, for SBSTA 22, information on methodological issues to update document FCCC/SBSTA/2003/INF.3.

17. *Action:* The SBSTA is invited to consider the information provided on greenhouse gas (GHG) emissions from international aviation and maritime transport and to continue its consideration of inventory issues relating to the implementation of decision 2/CP.3.

<i>FCCC/SBSTA/2005/INF.2</i>	<i>Information on greenhouse gas emissions from international aviation and maritime transport. Note by the secretariat</i>
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### (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

18. *Background:* The COP, by its decision 12/CP.10, requested the SBSTA, in collaboration with the Executive Board of the clean development mechanism (CDM), to develop a recommendation to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP), at its first session, relating to implications of the implementation of project activities under the CDM for the achievement of objectives of other environmental conventions and protocols, in particular, the Montreal Protocol. This concerns, in particular, the establishment of new hydrochlorofluorocarbon-22 facilities by project participants who seek to obtain certified emissions reductions (CERs) for the destruction of hydrofluorocarbon-23, taking into account the principles established in Article 3, paragraph 1, and the definitions in Article 1, paragraph 5, of the Convention.

19. The Executive Board, at its fifteenth meeting, in September 2004, taking into consideration information that had emerged since the approval of the methodology "Incineration of HFC 23 waste streams from HCFC 22 production" (methodology AM0001), requested its Methodologies Panel to undertake a review of this methodology.

20. The Executive Board, at its seventeenth meeting, considered the recommendations by the Methodologies Panel and agreed on revising the methodology. The applicability of the methodology was limited to existing HCFC-22 production capacity. The Executive Board indicated that the establishment of new HCFC-22 facilities by project participants who seek to obtain CERs for the destruction of HFC-23 may have implications for the achievement of objectives of other conventions and protocols, such as the Montreal Protocol.

21. The Executive Board brought this issue to the attention of the COP, at its tenth session, and sought guidance on how to proceed in such cases. The inputs into the deliberations and decisions by the Executive Board on this issue can be found on the CDM web site.<sup>1</sup> In order to facilitate the consideration by Parties of this agenda item the secretariat has prepared a technical paper.

22. *Action:* The SBSTA is invited to consider the information provided and to conclude on further steps with a view to preparing, in collaboration with the Executive Board, a recommendation to the COP/MOP, at its first session. The SBSTA may wish to invite Parties, intergovernmental organizations and non-governmental organizations to submit their observations and views on this matter.

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*Issues arising from the implementation of potential project activities under the clean development mechanism: the case of incineration of HFC-23 waste streams from HCFC-22 production. Technical paper*

(c) Completion of the technical guidance on methodologies for adjustments under the Kyoto Protocol

23. *Background:* At SBSTA 20, Parties requested the secretariat to prepare a note containing a proposal for technical guidance on methodologies for adjustments under Article 5, paragraph 2, of the Kyoto Protocol of estimates of anthropogenic emissions and removals from land use, land-use change and forestry (LULUCF) activities under the Kyoto Protocol with a view to recommending, at its twenty-second session, a decision on adjustments for adoption by the COP at its eleventh session to be forwarded for adoption by the COP/MOP.

24. The secretariat has prepared such a proposal building on the approach of the technical guidance,<sup>2</sup> recommended for adoption by the COP/MOP by decision 20/CP.9,<sup>3</sup> by incorporating the elements relating to LULUCF into that guidance. In addition, the note contains a proposal for a draft decision to be recommended for adoption by the COP/MOP at its first session. This decision will complete the work on adjustments, initiated and requested by the COP in decision 21/CP.7.<sup>4</sup>

25. *Action:* The SBSTA may wish to consider the proposal for the technical guidance and forward a decision for adoption by the COP at its eleventh session recommending a draft decision on this matter to be adopted by the COP/MOP at its first session.

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*Completion of the technical guidance on methodologies for adjustments under Article 5, paragraph 2, of the Kyoto Protocol. Note by the secretariat*

(d) Registry systems under the Kyoto Protocol

26. *Background:* The COP, by its decision 16/CP.10, took note that the detailed specifications of the data exchange standards, to be implemented by all registry systems, have been elaborated in accordance with decision 24/CP.8. The COP also made a number of requests to the administrator of the international transaction log (ITL) relating to the operation of the ITL and the facilitation of cooperation between administrators of registry systems.

27. Also by decision 16/CP.10, the COP requested the Chair of the SBSTA to convene consultations, in accordance with decision 19/CP.7, on the checks to be performed by the ITL and their conformity with relevant decisions of the COP. In response to this request, consultations on registry systems are to be held immediately before this session (13–14 May 2005, Bonn, Germany) among Parties to the Kyoto Protocol included and not included in Annex I to the Convention. A document outlining the checks to be

<sup>1</sup> <<http://cdm.unfccc.int/methodologies/inputam0001/index.html>>.

<sup>2</sup> FCCC/SBSTA/2003/10/Add.2, pages 11–27.

<sup>3</sup> FCCC/CP/2003/6/Add.2.

<sup>4</sup> FCCC/CP/2001/13/Add.3.

performed by the ITL has been prepared for discussion at the consultations. A report on the consultations will be made available during this session for consideration by the SBSTA.

28. Also by decision 16/CP.10, the COP requested the secretariat, as the administrator of the ITL, to report to the SBSTA at this session on progress made towards the implementation of the ITL, in particular in relation to the content and timing of the testing and initialization of registry systems, with a view to concluding the testing of available registry systems prior to COP/MOP 1. Information on such progress will be included in the report on the consultations.

29. *Action:* The SBSTA may wish to take note of the report on the consultations.

<i>FCCC/SBSTA/2005/INF.3</i>	<i>Checks to be performed by the international transaction log. Note by the secretariat</i>
<i>FCCC/SBSTA/2005/INF.4</i>	<i>Report on the intersessional consultations on registry systems. Note by the secretariat</i>

## 6. Development and transfer of technologies

30. *Background:* The COP, by its decision 6/CP.10, requested the Expert Group on Technology Transfer (EGTT) to make recommendations for enhancing the implementation of the framework for effective and meaningful actions to enhance the implementation of Article 4, paragraph 5, of the Convention before SBSTA 24, based on the terms of reference for these recommendations to be agreed at SBSTA 22.

31. At SBSTA 21, Parties endorsed the work programme of the EGTT for 2005. The seventh EGTT meeting will take place before SBSTA 22 to consider, inter alia, an informal paper to define and better understand the issues surrounding publicly owned technologies and those in the public domain, and the terms of reference for the practitioners' guide.<sup>5</sup> An oral report of the EGTT meeting will be made by the Chair of the EGTT during this session.

32. *Action:* The SBSTA may wish to consider and agree upon the terms of reference for the recommendations to be made by the EGTT for enhancing the implementation of the technology transfer framework referred to in paragraph 30 above. It may also wish to determine what further actions should be undertaken based on information provided and recommendations from the EGTT.

## 7. "Good practices" in policies and measures among Parties included in Annex I to the Convention

33. *Background:* At SBSTA 20, Parties requested the secretariat to provide information on options for using, inter alia, web-based approaches to sharing experience and exchanging information on "good practices" in policies and measures, at a technical level. It also requested the secretariat to provide an assessment of resource implications and to consider relevant ongoing activities under other agenda items of the subsidiary bodies, as well as activities of other international and intergovernmental organizations. At SBSTA 21, Parties initiated consideration of this information as contained in document FCCC/SBSTA/2004/INF.10. Unable to complete the consideration of this information, the SBSTA agreed to continue its consideration at this session.

34. Also at SBSTA 20, Parties invited Annex I Parties to make available to all Parties in a round-table discussion at a technical level at the twenty-second sessions of the subsidiary bodies information on their experiences in implementing policies and measures as outlined in decision 13/CP.7, taking into account such considerations as environmental effectiveness, cost-effectiveness, social and economic

<sup>5</sup> Contained in the annex to document FCCC/SBSTA/2004/INF.17.

impacts and ancillary benefits. It requested the secretariat to provide a report on the discussion for consideration by the SBSTA at its twenty-third session.

35. *Action:* The SBSTA is expected to complete its consideration of the information exchange on “good practices” in policies and measures of Annex I Parties with a view to providing further guidance to Parties and to the secretariat. The round-table discussion is scheduled for Tuesday, 24 May 2005.

## **8. Research needs relating to the Convention**

36. *Background:* At SBSTA 21, Parties agreed to consider at SBSTA 22 issues relating to the research needs of the Convention.

37. During SBSTA 20, a special event was organized to provide an opportunity for exchange of views among representatives of government research programmes and international programmes and bodies, on research in response to the recommendations of the Third Assessment Report of the Intergovernmental Panel on Climate Change (IPCC). Issues identified as requiring further consideration included: the need to assess the adequacy of research activities and their international coordination to meet the needs of the Convention; the importance of social as well as natural sciences, and the interaction between the two, in responding to the research needs arising from the assessment reports of the IPCC; and the enhancement of the capacity of developing countries to contribute to and participate in global climate change research efforts.

38. The SBSTA invited Parties to submit to the secretariat, by 15 September 2004, their views on how to adequately address the main issues mentioned in paragraph 37 above; these views are contained in document FCCC/SBSTA/2004/MISC.14. The SBSTA also invited Parties to submit to the secretariat, by 24 January 2005, additional views on this subject for consideration by the SBSTA at its twenty-second session. It requested the secretariat to prepare a synthesis of all of these views for consideration by the SBSTA at this session.

39. *Action:* The SBSTA is expected to determine next steps in relation to identifying the research needs of the Convention and communicating them to the international research programmes and bodies.

<i>FCCC/SBSTA/2005/3</i>	<i>Synthesis of views on issues from the research event at the twentieth session of the Subsidiary Body for Scientific and Technological Advice. Note by the secretariat</i>
<i>FCCCC/SBSTA/2005/MISC.1</i>	<i>Additional views on issues from the research event at the twentieth session of the Subsidiary Body for Scientific and Technological Advice. Submissions from Parties</i>

## **9. Cooperation with relevant international organizations**

40. At SBSTA 21, Parties had before them a joint paper on options to enhance cooperation among the three Rio Conventions prepared by the secretariats of the three conventions. This paper will be considered by the Joint Liaison Group (JLG). At the same session, Parties requested the secretariat to make the outcome of the consideration of the options paper by the JLG available to the first session of the SBSTA following the next JLG meeting.

41. At the time of preparation of these annotations the date of this meeting had not been set. If the JLG meeting takes place before this session, and time permitting, the secretariat will make available the outcome of this meeting at this session. In this case, Parties will be invited to submit their views on the options paper and the outcome of its consideration by the JLG, for consideration by the SBSTA at its twenty-third session.

42. Future updates on activities relevant to the Convention by scientific organizations and United Nations bodies and conventions are expected to be made available only annually, during the SBSTA sessions held in conjunction with sessions of the COP; no statements are expected to be presented at this session.

- (a) Special report of the Intergovernmental Panel on Climate Change on safeguarding the ozone layer and global climate system: issues relating to hydrofluorocarbons and perfluorocarbons

43. *Background:* The COP, by its decision 12/CP.8, invited the IPCC and, through the Meeting of the Parties to the Montreal Protocol, the Technology and Economic Assessment Panel (TEAP) of the Montreal Protocol, to develop a balanced scientific, technical and policy-relevant special report to assist Parties and stakeholders in making informed decisions when evaluating alternatives to ozone-depleting substances, while at the same time contributing to the objectives of the Convention and the Montreal Protocol. It also urged the IPCC and the TEAP to address all areas in a single, integrated report.

44. The IPCC is expected to approve the report in a joint plenary of Working Groups I and III to be held from 6 to 8 April 2005 in Addis Ababa, Ethiopia. Arrangements will be made for the IPCC and the TEAP to present their results at SBSTA 22. The Open-Ended Working Group of the Montreal Protocol will also consider the report during its meeting from 17 to 30 June 2005 in Montreal, Canada.

45. *Action:* The SBSTA may wish to consider the information provided in the special report and decide if any further consideration of this issue is needed.

- (b) International Meeting to Review the Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States

46. *Background:* At COP 10, Parties requested the secretariat to report to the SBSTA, at its twenty-second session, on the international meeting to review the implementation of the programme of action for the sustainable development of small island developing States, held at Port Louis, Mauritius, from 10 to 14 January 2005.

47. The Executive Secretary made a presentation at the high-level segment and participated in a side event co-sponsored by the World Meteorological Organization. The *Mauritius Strategy for the further Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States*, agreed at the meeting, includes a section on climate change and sea-level rise.

48. *Action:* The SBSTA may wish to take note of the information provided under this agenda item and to take any necessary action.

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*International Meeting to Review the Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States.  
Note by the secretariat.*

## 10. Other matters

- (a) Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol

49. *Background:* At SBSTA 16, Parties had an initial exchange of views on issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol. They considered these issues at subsequent sessions and agreed to continue consideration at SBSTA 22.

50. *Action:* The SBSTA may wish to decide on action to be taken.

- (b) Any other matters

51. Any other matters arising during this session will be taken up under this sub-item.



### 11. Report on the session

52. *Background:* A draft report on the work of the session will be prepared for adoption by the SBSTA at the end of the session.

53. *Action:* The SBSTA will be invited to adopt the draft report and authorize the Rapporteur to complete the report after the session, under the guidance of the Chair and with the assistance of the secretariat.

### III. Additional information

54. At SBSTA 19, Parties requested the secretariat to organize a workshop in the first half of 2005 on national systems for the preparation of national GHG inventories. They also requested the secretariat to compile information on national systems for the preparation of national GHG inventories included in national inventory reports and inventory review reports as an input to this workshop. Parties were invited to submit to the secretariat, by 30 September 2004, information on national systems.

55. In response, the secretariat has scheduled the workshop to be held from 11 to 12 April 2005 in Bonn, Germany. All workshop materials, including submissions from Parties, will be made available on the UNFCCC web site.<sup>6</sup> The report of the workshop will be made available to the SBSTA at its twenty-third session.

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<sup>6</sup> <<http://unfccc.int/meetings/items/2654.php>>.

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

FCCC/SBSTA/2004/13	Report of the Subsidiary Body for Scientific and Technological Advice on its twenty-first session, held at Buenos Aires from 6 to 14 December 2004
FCCC/SBSTA/2005/1	Provisional agenda and annotations. Note by the Executive Secretary
FCCC/SBSTA/2005/2	Completion of the technical guidance on methodologies for adjustments under Article 5, paragraph 2, of the Kyoto Protocol. Note by the secretariat
FCCC/SBSTA/2005/3	Synthesis of views on issues from the research event at the twentieth session of the Subsidiary Body for Scientific and Technological Advice. Note by the secretariat
FCCC/SBSTA/2005/INF.1	International Meeting to Review the Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States. Note by the secretariat
FCCC/SBSTA/2005/INF.2	Information on greenhouse gas emissions from international aviation and maritime transport. Note by the secretariat
FCCC/SBSTA/2005/INF.3	Checks to be performed by the international transaction log. Note by the secretariat
FCCC/SBSTA/2005/INF.4	Report on the intersessional consultations on registry systems. Note by the secretariat
FCCC/SBSTA/2005/MISC.1	Additional views on issues from the research event at the twentieth session of the Subsidiary Body for Scientific and Technological Advice. Submissions from Parties
FCCC/SBSTA/2005/MISC.2	Views on the organization of the in-session workshop on mitigation. Submissions from Parties
FCCC/SBSTA/2005/MISC.3	Views on the five-year programme of work of the Subsidiary Body for Scientific and Technological Advice on the scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Submissions from Parties
FCCC/TP/2005/1	Issues arising from the implementation of potential project activities under the clean development mechanism: the case of incineration of HFC-23 waste streams from HCFC-22 production. Technical paper

**Other documents before the session**

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| 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/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 |
| FCCC/CP/2004/10<br>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   |

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