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SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE

**REPORT OF THE SUBSIDIARY BODY FOR SCIENTIFIC AND  
TECHNOLOGICAL ADVICE ON ITS NINETEENTH SESSION,  
HELD AT MILAN FROM 1 TO 9 DECEMBER 2003**

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## **I. OPENING OF THE SESSION**

(Agenda item 1)

1. The nineteenth session of the Subsidiary Body for Scientific and Technological Advice (SBSTA) was held at the Fiera Milano Congressi, Milan, Italy, from 1 to 9 December 2003.
2. The Chair of the SBSTA, Mr. Halldor Thorgeirsson (Iceland), opened the session and welcomed all Parties and observers. He welcomed Mr. Arthur Rolle (Bahamas) as Vice-Chair of the SBSTA and Ms. Tatyana Ososkova (Uzbekistan) as Rapporteur of the SBSTA.

## **II. ORGANIZATIONAL MATTERS**

(Agenda item 2)

### **A. Adoption of the agenda**

(Agenda item 2 (a))

3. At its 1<sup>st</sup> meeting, on 1 December, the SBSTA considered a note by the Executive Secretary containing the provisional agenda and annotations (FCCC/SBSTA/2003/11).
4. At the same meeting, the SBSTA adopted the agenda without amendment:
  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.
  3. Third Assessment Report of the Intergovernmental Panel on Climate Change:
    - (a) Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change;
    - (b) Scientific, technical and socio-economic aspects of mitigation.
  4. Methodological issues:
    - (a) Review of methodological work under the Convention and the Kyoto Protocol;
    - (b) Greenhouse gas inventories;
    - (c) Land use, land-use change and forestry: definitions and modalities for including afforestation and reforestation activities under Article 12 of the Kyoto Protocol;
    - (d) Good practice guidance and other information on land use, land-use change and forestry;
    - (e) Harvested wood products;

- (f) Issues relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol.
- 5. Development and transfer of technologies.
- 6. “Good practices” in policies and measures among Parties included in Annex I to the Convention.
- 7. Research and systematic observation.
- 8. Cooperation with relevant international organizations.
- 9. Other matters:
  - (a) Issues relating to cleaner or less-greenhouse-gas-emitting energy;
  - (b) Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol;
  - (c) Any other matters.
- 10. Report on the session.

**B. Organization of work of the session**

(Agenda item 2 (b))

5. The SBSTA considered this sub-item at its 1<sup>st</sup> meeting, on 1 December. It had before it document FCCC/CP/2003/1. Parties were informed of the status of documentation and agreed on the schedule of work for the session.

**C. Election of officers other than the Chair**

(Agenda item 2 (c))

6. The SBSTA considered this sub-item at its 1<sup>st</sup> meeting, on 1 December, and its 5<sup>th</sup> and 6<sup>th</sup> meetings, on 9 December. At the 1<sup>st</sup> meeting, the Chair drew the attention of Parties to rule 27 of the draft rules of procedure being applied, whereby the SBSTA is expected to elect its Vice-Chair and Rapporteur. The Chair informed Parties that consultations would be held with the coordinators of the regional groups to receive nominations for both positions.

7. At the 5<sup>th</sup> meeting, the Chair informed Parties that an agreement had been reached among the regional groups for the nominee for Vice-Chair of the SBSTA and at the 6<sup>th</sup> meeting he informed Parties that an agreement had also been reached for the nominee for Rapporteur of the SBSTA. At the 5<sup>th</sup> and 6<sup>th</sup> meetings, respectively, the SBSTA elected Mr. Arthur Rolle (Bahamas) as Vice-Chair and Mr. Ibrahim Al-Ajmi (Oman) as Rapporteur. Both officers will serve for a term of one year which may be renewed for another year. The Chair thanked the current SBSTA Bureau for its work.

### III. THIRD ASSESSMENT REPORT OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

(Agenda item 3)

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

(Agenda item 3 (a))

#### B. Scientific, technical and socio-economic aspects of mitigation

(Agenda item 3 (b))

##### 1. Proceedings

8. The SBSTA considered both sub-items (a) and (b) together at its 1<sup>st</sup> and 6<sup>th</sup> meetings, on 1 and 9 December, respectively. It had before it documents FCCC/SBSTA/2003/2, FCCC/SBSTA/2003/MISC.2 and Add.1 and FCCC/SBSTA/2003/MISC.11. Statements were made by representatives of 12 Parties, including one speaking on behalf of the Group of 77 and China, one on behalf of the European Community and its member States, and one on behalf of the Alliance of Small Island States (AOSIS).

9. At its 1<sup>st</sup> meeting, the SBSTA agreed to consider both sub-items in a contact group chaired by the SBSTA Chair. At the 6<sup>th</sup> meeting, the SBSTA Chair reported on the contact group's consultations.

10. At the 6<sup>th</sup> meeting, the representative of the Russian Federation noted that scientific and practical substantiation of political decisions should be at the very core of any consultative process, especially a multilateral one such as climate negotiations. The representative noted that the Third Assessment Report (TAR) of the Intergovernmental Panel on Climate Change (IPCC) contains crucial information and data that not only substantiate the ultimate objective of the Convention, but also provide a scientific basis for achieving it. The TAR is global in nature and applicable to all Parties to the Convention. The two new items on the SBSTA agenda are an important, but still insufficient, step in understanding the process and effects of climate change. The representative expressed regret that these concepts were not summarized in the conclusions and decision on this matter and requested that his statement be summarized in the report of the session.

##### 2. Conclusions

11. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>1</sup>

(a) The SBSTA took note of the submissions from Parties contained in documents FCCC/SBSTA/2003/MISC.2 and Add.1 and FCCC/SBSTA/2003/MISC.11;

(b) The SBSTA recalled its conclusions from its eighteenth session to initiate, at its twentieth session, work on two new agenda items: scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change; and scientific, technical and socio-economic aspects of mitigation;

(c) The SBSTA welcomed the exchange of views between Parties and representatives of the IPCC, industry, local government, and non-governmental organizations, who participated in the pre-

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<sup>1</sup> Adopted as FCCC/SBSTA/2003/L.26.

sessional consultation on the TAR,<sup>2</sup> and noted that such exchanges with experts may be useful for the future work of the SBSTA under the new agenda items;

(d) The SBSTA noted that the themes of, inter alia, sustainable development, opportunities and solutions, and vulnerability and risk, are relevant for consideration under the two new agenda items. The SBSTA invited Parties to submit to the secretariat, by 15 March 2004, their views on these themes, and other information relating to these agenda items, for compilation into a miscellaneous document;

(e) The SBSTA requested the secretariat, under the guidance of the Chair of the SBSTA, to organize a workshop on each of the new agenda items during its twentieth session, to begin to explore these themes. The SBSTA requested the Chair of the SBSTA, when organizing the workshops, to take into account the views and information provided by Parties;

(f) The SBSTA agreed to determine next steps on each of the new agenda items at its twentieth session in the light of the outcome of the workshops;

(g) The SBSTA recommended a draft decision on this subject (FCCC/SBSTA/2002/L26.Add.1) for adoption by the Conference of the Parties (COP) at its ninth session.<sup>3</sup>

#### **IV. METHODOLOGICAL ISSUES**

(Agenda item 4)

##### **A. Review of methodological work under the Convention and the Kyoto Protocol**

(Agenda item 4 (a))

###### 1. Proceedings

12. The SBSTA considered this sub-item at its 1<sup>st</sup> and 6<sup>th</sup> meetings, on 1 and 9 December, respectively. It had before it documents FCCC/SBSTA/2003/INF.8, FCCC/SBSTA/2003/INF.9 and FCCC/SBSTA/2003/MISC.9 and Add.1. Statements were made by representatives of six Parties including one speaking on behalf of the European Community and its member States and of the Czech Republic, Hungary, Poland and Slovenia.

13. At its 1<sup>st</sup> meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Mr. Jim Penman (United Kingdom of Great Britain and Northern Ireland) and Mr. Brian Challenger (Antigua and Barbuda). At the 6<sup>th</sup> meeting, Mr. Penman reported on the contact group's consultations.

###### 2. Conclusions

14. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>4</sup>

(a) The SBSTA took note of the views of Parties contained in document FCCC/SBSTA/2003/MISC.9 and Add.1. The SBSTA also took note of information provided in document FCCC/SBSTA/2003/INF.8 which contains a synthesis of proposals by Parties;

(b) The SBSTA noted further the information provided in document FCCC/SBSTA/2003/INF.9 which reported on the availability, accessibility and comparability of existing

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<sup>2</sup> More information about the pre-sessional consultation can be found on the secretariat web site (<http://unfccc.int>).

<sup>3</sup> For the text as adopted, see document FCCC/CP/2003/6/Add.1, decision 10/CP.9.

<sup>4</sup> Adopted as FCCC/SBSTA/2003/L.25.

sources of emissions data and relevant socio-economic data, including options for the development, hosting and management of a data interface, including cost implications;

(c) The SBSTA reaffirmed the importance of reliable information relevant to climate change and recognized that the secretariat's Greenhouse Gas Information System is the authoritative repository of greenhouse gas (GHG) data reported by Parties to the Convention. The SBSTA requested the secretariat to continue its efforts to improve access to GHG data and other relevant information on the secretariat web site and through other means;

(d) The SBSTA noted the need to improve access by Parties to existing data and analytical tools, with a view to, inter alia, assisting Parties to build their capacity for analysis and decision-making and to implement their commitments under the Convention and the Kyoto Protocol. The SBSTA recognized that the development of a data interface could be an important approach to meeting these needs;

(e) The SBSTA requested the secretariat, subject to the availability of resources, to initiate a scoping phase for consideration of a data interface and to facilitate this by providing links on its web site to the sources of data referenced in document FCCC/SBSTA/2003/INF.9. The SBSTA invited Parties to submit to the secretariat, by 30 July 2004, their views on a possible data interface and other issues raised in document FCCC/SBSTA/2003/INF.9. The SBSTA requested the secretariat to provide a synthesis of the views of Parties on the options for development of a data interface contained in document FCCC/SBSTA/2003/INF.9. The SBSTA decided to continue consideration of this matter at its twenty-first session;

(f) The SBSTA requested the secretariat, subject to the availability of resources, to organize a workshop in the second half of 2004 on emissions projections of Parties included in Annex I to the Convention (Annex I Parties), as a contribution to the preparation of their fourth national communications. The workshop would cover methods, assumptions, indicators, key parameters of models and sensitivity analysis, and dissemination of methodologies. The SBSTA invited Parties to submit to the secretariat, by 15 May 2004, their views on the workshop. The SBSTA requested the secretariat to prepare a report on the workshop for its consideration at its twenty-first session;

(g) The SBSTA invited Parties to submit to the secretariat, by 30 September 2004, information on national systems under Article 5, paragraph 1, of the Kyoto Protocol for the preparation of national GHG inventories. It requested the secretariat, subject to availability of resources, to organize a workshop in on this topic the first half of 2005. It 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, as part of its consideration of Articles 5, 7 and 8 of the Kyoto Protocol.

## **B. Greenhouse gas inventories**

(Agenda item 4 (b))

### 1. Proceedings

15. The SBSTA considered this sub-item at its 1<sup>st</sup> and 6<sup>th</sup> meetings, on 1 and 9 December, respectively. It had before it documents FCCC/SBSTA/2003/14 and Corr.1, FCCC/SBSTA/2003/INF.10 and FCCC/TP/2003/3. Parties were informed that more detailed data, complementing document FCCC/SBSTA/2003/14 and Corr.1, are published on the secretariat web site in document FCCC/WEB/2003/3. Statements were made by representatives of 10 Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Malta

and Poland. Statements were also made by representatives from the IPCC and the International Civil Aviation Organization (ICAO).

16. At its 1<sup>st</sup> meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the SBSTA Chair with the assistance of Ms. Helen Plume (New Zealand). At the 6<sup>th</sup> meeting, Ms. Plume reported on these consultations.

## 2. Conclusions

17. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>5</sup>

### *Methodological issues*

(a) The SBSTA considered the initial information on methodological issues relating to the preparation of national GHG inventories by Parties, contained in document FCCC/SBSTA/2003/INF.10. It noted that this document provides important background information to support the work of the IPCC on the development of the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* (2006 IPCC Guidelines) and decided to forward it to the IPCC for consideration;

(b) The SBSTA noted the information provided by the IPCC on the terms of reference, table of contents and work programme for the development of the 2006 IPCC Guidelines;

(c) The SBSTA requested the secretariat to continue to cooperate with the IPCC and provide more detailed information based on the latest available GHG inventory submissions by Parties and the results of the technical review of GHG inventories. Such information could serve as input to the planned IPCC meetings that will take place during the development of the 2006 IPCC Guidelines;

### *Emissions from fuel used for international aviation and maritime transportation*

(d) The SBSTA noted the information provided by the ICAO on the issues that will be addressed during the sixth meeting of the Committee on Aviation Environmental Protection (CAEP6). The SBSTA noted the ongoing exchange of information with the ICAO and the International Maritime Organization (IMO) and encouraged this to continue where appropriate. It invited the ICAO to report on the results of CAEP6 to the SBSTA at its twentieth session. The SBSTA also invited the IMO to report to the SBSTA at its twentieth session on the results of the meeting of the Marine Environment Protection Committee to be held in March 2004;

(e) The SBSTA took note of the information contained in document FCCC/TP/2003/3. It also took note of the status of two new models (AERO2K and SAGE) that are being developed. Recalling the invitation made at its eighteenth session and noting the relevant provisions of the Convention and of the Kyoto Protocol, the SBSTA invited the ICAO to encourage the developers of these two models to complete them as soon as possible so that the resulting data are available preferably by 1 March 2004;

(f) The SBSTA recalled its conclusions from its eighteenth session and recognized the importance of reliable inventory data for further work on the implementation of decision 2/CP.3. It agreed to continue consideration of inventory issues relating to this decision at its twenty-second session;

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<sup>5</sup> Adopted as FCCC/SBSTA/2003/L.28 as amended orally at the 6<sup>th</sup> meeting.



*Report on national GHG inventory data from Annex I Parties for the period 1990–2001*

(g) The SBSTA considered the information on GHG emissions and removals from Annex I Parties contained in document FCCC/SBSTA/2003/14. It noted that the data, although preliminary, indicate that total aggregate GHG emissions for Annex I Parties as a whole declined by about 7 per cent between 1990 and 2001, due primarily to a 40 per cent decline in emissions from Parties with economies in transition. It also noted that emissions from some Annex I Parties have increased since 1990;

(h) The SBSTA noted with appreciation the substantial improvement in quality and timing of submissions of GHG inventories, including national inventory reports, by most Annex I Parties;

(i) The SBSTA noted that some Annex I Parties still meet difficulties with regard to timeliness of the GHG inventory submissions. The SBSTA noted that some Annex I Parties have not provided a GHG inventory in 2003, and some Annex I Parties submitted their GHG inventory well after the 15 April submission date. The SBSTA further noted with concern that a few Annex I Parties have not submitted GHG inventory data for years more recent than 1996. The SBSTA also noted that the GHG inventories from some Annex I Parties are not fully transparent or are not complete;

(j) The SBSTA noted the improvement in reporting of GHG inventories by most Annex I Parties and urged Parties that have not fully followed the reporting requirements identified in decision 3/CP.5 to continue to improve their reporting, especially their national inventory reports, and to make every effort to submit their complete GHG inventories, including a national inventory report, by 15 April of each year. It also noted that for inventories due in 2004, Annex I Parties should follow the requirements identified in decision 18/CP.8.

**C. Land use, land-use change and forestry: definitions and modalities for including afforestation and reforestation activities under Article 12 of the Kyoto Protocol**

(Agenda item 4 (c))

1. Proceedings

18. The SBSTA considered this sub-item at its 2<sup>nd</sup> and 6<sup>th</sup> meetings, on 2 and 9 December respectively. It had before it document FCCC/SBSTA/2003/10/Add.3. Statements were made by representatives of 20 Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Malta and Poland, one on behalf of the Group of 77 and China, and one on behalf of AOSIS. Statements were also made by representatives of the Food and Agriculture Organization of the United Nations (FAO) and of the Convention on Biological Diversity (CBD).

19. At its 2<sup>nd</sup> meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Ms. Thelma Krug (Brazil) and Mr. Karsten Sach (Germany). At the 6<sup>th</sup> meeting, Ms. Krug reported on the contact group's consultations.

20. At the 6<sup>th</sup> meeting, in a discussion of the proposed draft decision to be forwarded to the COP, representatives of four Parties requested that their statements be summarized in the report of the session. The representative of Australia expressed the view that it was not appropriate to single out alien invasive species and genetically modified organisms (GMOs) in the decision text. He underlined that host Parties have the right to decide how best to use clean development mechanism (CDM) sinks projects, consistent with their international rights and obligations. The representative of the United States of America expressed the view that nothing in the decision on modalities and procedures for afforestation and reforestation project activities under the CDM in the first commitment period of the Kyoto Protocol

affects the applicability of other international obligations, including trade obligations, and referred to its submission on this matter (see FCCC/SBSTA/2003/MISC.5/Add.1). The representative of Canada noted that the conclusion of the difficult negotiations on sinks in the CDM will enable Parties to move forward with projects in advance of the first commitment period, while expressing concerns about some of the definitions and modalities in the agreement. She also made clear Canada's view that implementation of the provision on GMOs in the decision was reserved to each Party. She also observed that the COP decision provides for Parties to review how well the agreed definitions and modalities for including afforestation and reforestation project activities under the CDM are working, anytime prior to 2011. Canada looks forward to participating in that review and hopes it will provide a practical demonstration of Canada's vision of the role of carbon sinks in addressing climate change. Finally, the representative of Italy, speaking on behalf of the European Community and its members States, noted that they had accepted a compromise on the double accounting system to deal with non-permanence as well as on the agreed approach relating to small-scale CDM afforestation and reforestation projects. He highlighted that the introduction of the socio-economic and environmental analysis made the agreement acceptable in the light of the environmental integrity of the Kyoto Protocol.

## 2. Conclusions

21. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA recommended a draft decision on this subject (FCCC/SBSTA/2003/L.27) for adoption by the COP at its ninth session.<sup>6</sup>

### **D. Good practice guidance and other information on land use, land-use change and forestry**

(Agenda item 4 (d))

#### 1. Proceedings

22. The SBSTA considered this sub-item at its 2<sup>nd</sup> and 5<sup>th</sup> meetings, on 2 and 9 December, respectively. It had before it document FCCC/SBSTA/2003/INF.11 and reports prepared by the IPCC entitled: *Good Practice Guidance for Land Use, Land-Use Change and Forestry and Definitions and Methodological Options to Inventory Emissions from Direct Human-Induced Degradation of Forests and Devegetation of Other Vegetation Types*.<sup>7</sup> Statements were made by representatives of eight Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Malta and Poland, one on behalf of the Group of 77 and China, and one on behalf of AOSIS. Representatives of the IPCC and the Global Environment Centre (GEC) also made statements.

23. At its 2<sup>nd</sup> meeting, the SBSTA agreed to consider this sub-item in a contact group co-chaired by Ms. Margaret Mukahanana-Sangarve (Zimbabwe) and Mr. Audun Rosland (Norway). At the 5<sup>th</sup> meeting, Ms. Mukahanana-Sangarve reported on the contact group's consultations.

#### 2. Conclusions

24. At its 5<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>8</sup>

(a) The SBSTA welcomed the report of the IPCC entitled *Good Practice Guidance for Land Use, Land-Use Change and Forestry* (IPCC good practice guidance for LULUCF), prepared in

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<sup>6</sup> For the text as adopted, see document FCCC/CP/2003/6/Add.2, decision 19/CP.9.

<sup>7</sup> The IPCC documents are available from the IPCC. Electronic copies are available at the following web site: [www.ipcc-nggip.iges.or.jp](http://www.ipcc-nggip.iges.or.jp)

<sup>8</sup> Adopted as FCCC/SBSTA/2003/L.22.

response to a request by the COP by its decision 11/CP.7. The IPCC good practice guidance for LULUCF is intended to assist Parties in preparing higher-quality GHG inventories in which uncertainties are reduced as far as is practicable. The IPCC good practice guidance for LULUCF is also intended to support the development of inventories that are transparent, consistent, complete, comparable and accurate;

(b) The SBSTA took note of the information contained in document FCCC/SBSTA/2003/INF.11 on a draft common reporting format (CRF) for LULUCF;

(c) The SBSTA decided to recommend a draft decision relating to the use of the IPCC good practice guidance for LULUCF in the preparation of national GHG inventories under the Convention (FCCC/SBSTA/2003/L.22/Add.1) for adoption by the COP at its ninth session;<sup>9</sup>

(d) The SBSTA decided to consider, at its twentieth session, tables of the CRF for LULUCF activities under the Kyoto Protocol and related reporting requirements, based on the IPCC good practice guidance for LULUCF, with a view to recommending a draft decision on good practice guidance for LULUCF under the Kyoto Protocol for adoption by the COP at its tenth session;

(e) The SBSTA invited Parties to submit to the secretariat, by 15 February 2004, their views on the draft tables of the CRF for LULUCF activities under the Kyoto Protocol contained in document FCCC/SBSTA/2003/INF.11 and on requirements for reporting annual GHG inventory information on LULUCF activities under the Kyoto Protocol. It requested the secretariat to update the draft tables of the CRF for LULUCF activities under the Kyoto Protocol, taking into account submissions by Parties, to facilitate the further consideration of this topic by the SBSTA at its twentieth session;

(f) The SBSTA welcomed the report by the IPCC entitled *Definitions and Methodological Options to Inventory Emissions from Direct Human-Induced Degradation of Forests and Devegetation of Other Vegetation Types*. It decided to further consider the information contained in this report at its twentieth session in accordance with paragraph 2 (a) of decision 11/CP.7;

(g) The SBSTA invited Parties to submit to the secretariat, by 15 March 2004, their initial views on the report referred to in paragraph 24 (f) above, including on possible definitions to account for anthropogenic GHG emissions resulting from direct human-induced degradation and devegetation activities, which could be used in the context of the Kyoto Protocol;

(h) The SBSTA took note of the report of the IPCC expert meeting on current scientific understanding of the processes affecting terrestrial carbon stocks and human influences upon them, which was submitted by the IPCC to the SBSTA as a response to the invitation contained in paragraph 3 (d) of decision 11/CP.7;<sup>10</sup>

(i) The SBSTA noted an aim to address the issues referred to in paragraph 1 (h) of draft decision -/CMP.1 (*Land use, land-use change and forestry*), and the need to discuss the issues referred to in paragraph 3 (d) of decision 11/CP.7;

(j) The SBSTA invited Parties to submit to the secretariat, by 15 April 2004, their views on the issues referred to in paragraph 24 (i) above, and other related LULUCF issues;

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<sup>9</sup> For the text as adopted, see document FCCC/CP/2003/6/Add.1, decision 13/CP.9.

<sup>10</sup> The IPCC Meeting Report on *Current Scientific Understanding of the Processes Affecting Terrestrial Carbon Stocks and Human Influences upon Them* is available from the IPCC and at its web site ([www.ipcc.ch/pub/carbon.pdf](http://www.ipcc.ch/pub/carbon.pdf)).

(k) The SBSTA decided to discuss, at its twentieth session, the issues referred to in paragraph 24 (i) above, the submissions referred to in paragraph 24 (j) above and other relevant information, and to consider next steps as appropriate.

### **E. Harvested wood products**

(Agenda item 4 (e))

#### **1. Proceedings**

25. The SBSTA considered this sub-item at its 2<sup>nd</sup> and 5<sup>th</sup> meetings, on 2 and 9 December, respectively. It had before it document FCCC/TP/2003/7 and Corr.1. Statements were made by representatives of seven Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Malta and Poland, and one on behalf of AOSIS.

26. At its 2<sup>nd</sup> meeting, the SBSTA agreed to consider this sub-item in the contact group dealing with sub-item 4 (d) of the agenda co-chaired by Ms. Margaret Mukahanana-Sangarve (Zimbabwe) and Mr. Audun Rosland (Norway). At the 5<sup>th</sup> meeting, Ms. Mukahanana-Sangarve reported on the contact group's consultations.

#### **2. Conclusions**

27. At its 5<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>11</sup>

(a) The SBSTA took note of the information contained in document FCCC/TP/2003/7 and Corr.1;

(b) The SBSTA also took note of the appendix on harvested wood products to the IPCC good practice guidance for LULUCF, of the methodologies relating to harvested wood products contained in the *Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories*, and of the references in the "UNFCCC guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories";

(c) The SBSTA noted the methods for estimating and reporting of harvested wood products currently used by Annex I Parties in their national inventory reports. It decided to further consider, inter alia, issues raised by Parties in their submissions referred to in paragraph 27 (e) below regarding harvested wood products at its twentieth and twenty-first sessions, including the need, if any, for greater consistency in the accounting of imports and exports. It decided that the scope of the workshop referred to in paragraph 27 (d) below will be agreed at its twentieth session, taking into consideration the information referred to in paragraph 27 (e) below;

(d) The SBSTA requested the secretariat to organize, subject to the availability of supplementary funding, a workshop on harvested wood products before the twenty-first session of the SBSTA, and to prepare a report of the workshop for consideration by SBSTA at that session;

(e) The SBSTA invited Parties to submit to the secretariat, by 15 April 2004, their views on issues relating to harvested wood products which may take into account the information contained in the technical paper referred to in paragraph 27 (a) above, the appendix to the IPCC good practice guidance for LULUCF referred to in paragraph 27 (b) above, and any other relevant information. It also noted that these submissions could include national data and methodological and other information on changes in carbon stocks and emissions of greenhouse gases relating to harvested wood products, stating the approach or approaches used for this purpose.

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<sup>11</sup> Adopted as FCCC/SBSTA/2003/L.21.

**F. Issues relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol**  
(Agenda item 4 (f))

1. Proceedings

28. The SBSTA considered this sub-item at its 2<sup>nd</sup> and 5<sup>th</sup> meetings, on 2 and 9 December, respectively. It had before it documents FCCC/SBSTA/2003/13 and FCCC/SBSTA/2003/INF.13. A statement was made by a representative of one Party.

29. At its 5<sup>th</sup> meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the SBSTA Chair with the assistance of Mr. Murray Ward (New Zealand). At the 5<sup>th</sup> meeting, Mr. Ward reported on these consultations.

2. Conclusions

30. At its 5<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>12</sup>

(a) The SBSTA took note of the report on the development of the data exchange standards and the transaction log, contained in document FCCC/SBSTA/2003/13, and the report on the intersessional consultations on registry systems held in Milan, Italy, on 28 and 29 November 2003, contained in document FCCC/SBSTA/2003/INF.13;

(b) The SBSTA welcomed the progress made by the secretariat on the development of the functional and technical specifications of the technical standards for data exchange between national registries, the CDM registry and the transaction log. It expressed its appreciation for the contributions made by Parties to the UNFCCC Trust Fund for Supplementary Activities, which had allowed this work to go ahead;

(c) The SBSTA stressed the need for the secretariat to focus attention henceforth on the development of the transaction log and requested the secretariat to continue pursuing means to reduce the funding requirements associated with the development of the transaction log, in particular by sharing specifications and software;

(d) The SBSTA urged Parties included in Annex II to the Convention to make exceptional efforts to contribute to the UNFCCC Trust Fund for Supplementary Activities to allow the necessary work on the development of the transaction log to start at the beginning of 2004 and be completed before the tenth session of the COP, in accordance with decision 24/CP.8;

(e) The SBSTA encouraged each Annex I Party with a commitment inscribed in Annex B to the Kyoto Protocol, that has not already designated its registry administrator to maintain its national registry, to do so as soon as possible, with a view to facilitating early cooperation on the development of registries and the transaction log. The SBSTA requested the secretariat, subject to the availability of resources, to consider possible ways of facilitating ongoing cooperation among administrators of registries and of the transaction log, and provide a progress report on its work on registry systems to the SBSTA at its twentieth session.

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<sup>12</sup> Adopted as FCCC/SBSTA/2003/L.20.

## V. DEVELOPMENT AND TRANSFER OF TECHNOLOGIES

(Agenda item 5)

### 1. Proceedings

31. The SBSTA considered this item at its 2<sup>nd</sup> and 3<sup>rd</sup> meetings, on 2 December, and its 5<sup>th</sup> meeting, on 9 December. It had before it documents FCCC/SBSTA/2003/12, FCCC/SBSTA/2003/INF.12 and FCCC/TP/2003/1. Statements were made by representatives of eight 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 and of Hungary, Lithuania, Malta and Poland.

32. At its 3<sup>rd</sup> meeting, the SBSTA agreed to consider this item in a contact group co-chaired by Mr. Terry Carrington (United Kingdom) and Mr. Kishan Kumarsingh (Trinidad and Tobago). At the 5<sup>th</sup> meeting, Mr. Carrington reported on the contact group's consultations.

33. At the same meeting, the SBSTA Chair informed Parties that Ms. Margaret Martin (Canada) had been elected as Chair and Mr. Kishan Kumarsingh (Trinidad and Tobago) as Vice-Chair of the Expert Group on Technology Transfer (EGTT) for 2004.

### 2. Conclusions

34. At its 5<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>13</sup>

(a) The SBSTA welcomed the report of the EGTT for 2003 (FCCC/SBSTA/2003/12) and the oral report of the Chair of the EGTT on the outcome of its special meeting held on 11 and 12 November 2003 in New Delhi, India, and of its fourth meeting held on 28 and 29 November 2003 in Milan, Italy. It expressed appreciation for the kind support of the Government of India in hosting the special meeting of the EGTT, and for the financial support provided by the Government of Germany;

(b) The SBSTA endorsed the programme of work of the EGTT for 2004 (see annex I), and welcomed the experts nominated by Parties to serve on the EGTT for 2004–2005 (see annex II). It expressed its appreciation to Mr. William Kojo Agyemang-Bonsu (Ghana), the Chair of the EGTT, and Mr. Richard Bradley (United States), the Vice-Chair, for their valuable contributions in successfully leading the EGTT to implement its programme of work for 2002–2003;

(c) The SBSTA noted with appreciation the assistance provided by the United Nations Development Programme (UNDP), the United Nations Environmental Programme (UNEP), the Global Environment Facility (GEF) and other intergovernmental and international organizations, as well as the Climate Technology Initiative (CTI), and their support for the implementation of the work programme of the EGTT for 2002–2003. It encouraged these organizations to continue their support for the EGTT in implementing its programme of work for 2004;

(d) The SBSTA noted that the full implementation of the EGTT programme of work for 2004 would require additional supplementary resources, and invited Parties in a position to do so to support the EGTT on its programme of work for 2004, and relevant international organizations, including business and industry, to cooperate with the EGTT in this work;

(e) The SBSTA welcomed the technical paper on capacity-building in the development and transfer of technologies (FCCC/TP/2003/1), prepared by the secretariat under the guidance of the EGTT.

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<sup>13</sup> Adopted as FCCC/SBSTA/2003/L.18.

It noted the information on case studies and key lessons learned on human, institutional and information capacity-building activities, and acknowledged the need to further analyse trends, gaps and overlaps in the implementation of different capacity-building activities. The SBSTA noted that the COP, at its tenth session, will complete a comprehensive review on the implementation of the capacity-building framework and that this technical paper provides a valuable contribution to that review;

(f) The SBSTA took note of document FCCC/SBSTA/2003/INF.12 containing the questionnaire for the survey to assess the effectiveness of the use of the technology information system (TT:CLEAR), and of the presentation made by the secretariat on the progress of TT:CLEAR and on the methodology used in the survey;

(g) The SBSTA requested Parties, relevant international organizations, and business and industry to submit the completed questionnaire on the TT:CLEAR survey to the secretariat by 15 February 2004. It noted that the secretariat will report on the results of the survey to the SBSTA at its twentieth session, after consideration by the EGTT;

(h) The SBSTA requested Parties to consider, at its twentieth session, the outcomes of the high-level round-table discussions, particularly on technology, including technology use and development and transfer of technologies, held at the ninth session of the COP;

(i) The SBSTA encouraged all Parties:

- (i) To include more specific reporting on capacity-building activities relating to technology transfer in their national communications, as appropriate, in line with the existing guidelines on national communications;
- (ii) To promote and support technology networks and facilitate technology partnerships that complement technology transfer and capacity-building activities;
- (iii) To promote and support training programmes that cover core science, technology and other relevant skills for developing countries and countries with economies in transition;

(j) The SBSTA invited UNDP, in cooperation with UNEP, the GEF and other international organizations, as well as the CTI, to provide information to the EGTT on progress in, and barriers to, the implementation of technology needs assessments and information on their trends and on plans to finance specific capacity-building activities for technology transfer;

(k) The SBSTA requested the EGTT to consider for possible inclusion in its programme of work for 2005 activities relating to the development of endogenous technologies, and how to encourage and promote, as appropriate, the transfer of publicly owned technologies or those in the public domain;

(l) The SBSTA requested the secretariat, subject to the availability of resources:

- (i) To organize a workshop on innovative options for financing the development and transfer of technologies, taking into consideration terms of reference recommended by the EGTT, and to report on the findings of the workshop to the SBSTA at its twenty-first session;
- (ii) To prepare a report on the outcomes of the senior-level round-table discussion on enabling environments for technology transfer under Article 4.5 of the Convention, held at the ninth session of the COP, for consideration by the SBSTA at its twentieth session.

## **VI. "GOOD PRACTICES" IN POLICIES AND MEASURES AMONG PARTIES INCLUDED IN ANNEX I TO THE CONVENTION**

(Agenda item 6)

### **1. Proceedings**

35. The SBSTA considered this item at its 3<sup>rd</sup> and 6<sup>th</sup> meetings, on 2 and 9 December, respectively. It had before it document FCCC/SBI/2003/7/Add.2. Also, Parties were referred to information contained in document FCCC/WEB/2003/1. A statement was made by a representative of one Party speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Poland and Slovenia.

36. At its 3<sup>rd</sup> meeting, the SBSTA agreed to consider this item in informal consultations convened by the SBSTA Chair with the assistance of Mr. Richard Muyungi (United Republic of Tanzania) and Mr. Greg Terrill (Australia). At the 6<sup>th</sup> meeting, Mr. Terrill reported on these consultations.

### **2. Conclusions**

37. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>14</sup>

- (a) The SBSTA welcomed the progress made in implementing decision 13/CP.7;
- (b) The SBSTA agreed to consider this agenda item further at its twentieth session;
- (c) The SBSTA noted that future work on this agenda item needs to be considered in the light of the overall work programmes of the subsidiary bodies to the Convention.

## **VII. RESEARCH AND SYSTEMATIC OBSERVATION**

(Agenda item 7)

### **1. Proceedings**

38. The SBSTA considered this item at its 3<sup>rd</sup> and 5<sup>th</sup> meetings, on 2 and 9 December, respectively. It had before it documents FCCC/SBSTA/2003/10/Add.1, FCCC/SBSTA/2003/MISC.10 and Add.1, and FCCC/SBSTA/2003/MISC.12. Statements were made by representatives of 14 Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Malta and Poland, and one on behalf of AOSIS. A statement was also made by a representative of the secretariat of the Global Climate Observing System (GCOS).

39. At its 3<sup>rd</sup> meeting, the SBSTA agreed to consider this item in a contact group co-chaired by Ms. Sue Barrell (Australia) and Mr. Philip Gwage (Uganda). At the 5<sup>th</sup> meeting, Ms. Barrell reported on the contact group's consultations.

### **2. Conclusions**

40. At its 5<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>15</sup>

- (a) The SBSTA took note of document FCCC/SBSTA/2003/MISC.10 and Add.1, containing submissions from Parties on priorities for actions arising from *The Second Report on the*

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<sup>14</sup> Adopted as FCCC/SBSTA/2003/L.29.

<sup>15</sup> Adopted as FCCC/SBSTA/2003/L.17.



*Adequacy of the Global Observing Systems for Climate in Support of the UNFCCC* (second adequacy report)<sup>16</sup> and the related GCOS steering committee report<sup>17</sup> to the SBSTA at its eighteenth session;

(b) The SBSTA also took note of the synthesis of the above-mentioned submissions prepared by the GCOS secretariat and contained in document FCCC/SBSTA/2003/MISC.12;

(c) The SBSTA requested the secretariat to organize, at the twentieth session of the SBSTA, a side event, similar to that held at the seventeenth session of the SBSTA, on ongoing and planned research initiatives to address the research recommendations of the Third Assessment Report (TAR) of the IPCC. It requested the secretariat to invite active participation of representatives of the IPCC and international research programmes and bodies, such as the World Climate Research Programme (WCRP), the International Geosphere–Biosphere Programme (IGBP) and the International Human Dimensions Programme (IHDP);

(d) Recalling the conclusions of its seventeenth session, the SBSTA invited the Subsidiary Body for Implementation (SBI), in considering funding options, including its guidance to the financial mechanism of the Convention, to give appropriate consideration to addressing the priority needs identified in the regional action plans in relation to global observing systems for climate;

(e) The SBSTA recommended a draft decision on this subject (FCCC/SBSTA/2003/L.17/Add.1) for adoption by the COP at its ninth session.<sup>18</sup>

## VIII. COOPERATION WITH RELEVANT INTERNATIONAL ORGANIZATIONS

(Agenda item 8)

### Proceedings

41. The SBSTA considered this item at its 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> meetings, on 2, 3 and 9 December, respectively. It had before it document FCCC/SB/2003/1 and a report published by the secretariat of the Convention on Biological Diversity (CBD) on interlinkages between biological diversity and climate change.<sup>19</sup> At the 3<sup>rd</sup> and 4<sup>th</sup> meetings, statements were made by representatives of 11 Parties, including one speaking on behalf of AOSIS, and one on behalf of the European Community and its member States and of Hungary, Lithuania, Poland and Slovenia. Statements were also made by representatives of the Ad Hoc Technical Expert Group (AHTEG) on biological diversity and climate change of the CBD, the United Nations Convention to Combat Desertification (UNCCD), the IPCC, IUCN – the World Conservation Union (IUCN), the International Strategy for Disaster Reduction (UN/ISDR) and FAO. A written statement by the Convention on Wetlands (Ramsar, Iran, 1971), hereinafter called the Ramsar Convention, was made available to Parties.

42. At its 4<sup>th</sup> meeting, the SBSTA agreed to consider this item in informal consultations convened by the Chair of the SBSTA with the assistance of Ms. Outi Berghall (Finland) and Ms. Marcela Main (Chile). At the 5<sup>th</sup> meeting, Ms. Berghall reported on these consultations.

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<sup>16</sup> Available as report no. GCOS-82 at <http://www.wmo.ch/web/gcos/gcoshome.html>

<sup>17</sup> *Report to SBSTA-18 from the GCOS Steering Committee regarding the Second Report on the Adequacy of the Global Observing Systems for Climate*, available at <http://www.wmo.ch/web/gcos/gcoshome.html>

<sup>18</sup> For the text as adopted, see document FCCC/CP/2003/6/Add.1, decision 11/CP.9.

<sup>19</sup> Full title of the report: *Interlinkages between Biological Diversity and Climate Change; Advice on the Integration of Biodiversity Considerations into the Implementation of the United Nations Framework Convention on Climate Change and its Kyoto Protocol*. An electronic version of the report is available at: [www.biodiv.org/doc/publications/cbd-ts-10.pdf](http://www.biodiv.org/doc/publications/cbd-ts-10.pdf)

43. At the 5<sup>th</sup> meeting, the representative of Tunisia made a statement on a draft proposal of the Government of Tunisia on Climate Change and Tourism, and on the Djerba Declaration on Tourism and Climate Change which resulted from the First International Conference on Climate Change and Tourism, convened by the World Tourism Organization. At the same meeting, the representative of Italy on behalf of the European Community and its member States and of Cyprus, the Czech Republic, Estonia, Lithuania and Slovenia, made a statement inviting the UNFCCC to actively participate in the preparation of a workshop organized by the UNCCD and the CBD on forest and forest ecosystems, to be held in Viterbo, Italy, in March 2004.

## 2. Conclusions

44. At its 5<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair, the SBSTA adopted the following conclusions:<sup>20</sup>

### *Cooperation with other conventions*

(a) The SBSTA welcomed the outcome of the workshops<sup>21</sup> on “Possible synergy and joint action with the other multilateral environmental conventions and agreements” and on “Enhancing cooperation with other conventions”, held in Espoo, Finland, from 2 to 4 July 2003, and took note of the report of the workshops contained in document FCCC/SB/2003/1, and the useful information it contains, including on several approaches discussed at the workshops, such as the ecosystem approach. The SBSTA expressed its appreciation to the Government of Finland for hosting the workshops and to the Governments of Italy, Norway and Switzerland for their financial support for the workshops;

(b) The SBSTA noted with appreciation statements by a representative of the secretariat of the CBD and by the co-chair of its AHTEG, as well as the statement made by the representative of the secretariat of the UNCCD. The SBSTA also took note of a written statement from the secretariat of the Ramsar Convention;

(c) The SBSTA welcomed the AHTEG report on interlinkages between biological diversity and climate change and encouraged Parties to make use of it as a relevant source of useful information for their national purposes;

(d) The SBSTA noted the distinct mandates and independent status of each convention, reiterated the importance of promoting synergy at the national and local levels where implementation of the various conventions occurs, recognizing that this can lead to increased efficiency and can help avoid duplication, and encouraged Parties to strive for coherence in the implementation of the conventions. The SBSTA urged UNFCCC national focal points to cooperate with their counterparts for the other conventions and to actively share information with them and, where appropriate, with stakeholders. The SBSTA recognized that enhanced cooperation between the UNFCCC, UNCCD and CBD can help Parties attain objectives of sustainable development at the national level, drawing on, inter alia, any lessons learned from relevant experience;

(e) The SBSTA expressed its appreciation for the work undertaken by the Joint Liaison Group (JLG). It requested the secretariat, in its periodic reporting to the SBSTA on the outcome of the activities of the JLG, to also include information on options for further cooperation between conventions, in line with the conclusions of the SBSTA at its fourteenth and subsequent sessions.

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<sup>20</sup> Adopted as FCCC/SBSTA/2003/L.19.

<sup>21</sup> Two workshops were organized by the secretariat. One in response to the mandate contained in decision 5/CP.7, paragraph 36, and one in response to a mandate by the SBSTA at its seventeenth session.

*Cooperation with scientific organizations and United Nations bodies*

(f) The SBSTA noted with appreciation the statement by the representative of the IPCC on the ongoing preparatory work on its Fourth Assessment Report, the preliminary information on resulting technical papers, and the ongoing work on the other special reports *Safeguarding the Ozone Layer and the Global Climate System: Issues Related to Hydrofluorocarbons and Perfluorocarbons*, and *Carbon Dioxide Capture and Storage*, as well as work relating to the IPCC National Greenhouse Gas Inventory Programme;

(g) The SBSTA also noted with appreciation the statements made on behalf of the Inter-Agency Secretariat for UN/ISDR, FAO and IUCN on their activities relevant to the UNFCCC.

**IX. OTHER MATTERS**

(Agenda item 9)

**A. Issues relating to cleaner or less-greenhouse-gas-emitting energy**

(Agenda item 9 (a))

**1. Proceedings**

45. The SBSTA considered this sub-item at its 4<sup>th</sup> and 6<sup>th</sup> meetings, on 3 and 9 December, respectively. No new documents were prepared for this sub-item at this session.<sup>22</sup> Statements were made by representatives of 10 Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Poland and Slovenia.

46. At its 4<sup>th</sup> meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the SBSTA Chair. At the 6<sup>th</sup> meeting, the SBSTA Chair reported on these consultations.

**2. Conclusions**

47. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair,<sup>23</sup> the SBSTA concluded that it had not completed its consideration of issues under this agenda sub-item, and agreed to continue its consideration of these issues at its twentieth session.

**B. Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol**

(Agenda item 9 (b))

**1. Proceedings**

48. The SBSTA considered this sub-item at its 4<sup>th</sup> and 6<sup>th</sup> meetings, on 3 and 9 December, respectively. It had before it document FCCC/SBSTA/2003/MISC.8. Statements were made by representatives of three Parties, including one speaking on behalf of the European Community and its member States and of Hungary, Lithuania, Poland and Slovenia.

49. At its 4<sup>th</sup> meeting, the SBSTA agreed to consider this sub-item in informal consultations convened by the SBSTA Chair. At the 6<sup>th</sup> meeting, the SBSTA Chair reported on these consultations.

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<sup>22</sup> Documents prepared for earlier sessions are: FCCC/SBSTA/2002/MISC.3 and Add.1–2 and FCCC/SBSTA/2003/MISC.7.

<sup>23</sup> Adopted as FCCC/SBSTA/2003/L.23.

## 2. Conclusions

50. At its 6<sup>th</sup> meeting, on 9 December, having considered a proposal by the Chair,<sup>24</sup> the SBSTA concluded that it had not completed its consideration of issues under this agenda sub-item. It agreed to continue its consideration of these issues at its twentieth session.

### **C. Any other matters**

(Agenda item 9 (c))

#### 1. Proceedings

51. The SBSTA considered this sub-item at its 4<sup>th</sup> and 6<sup>th</sup> meetings, on 3 and 9 December, respectively. It had before it documents FCCC/SB/2003/INF.2 and FCCC/SBSTA/2003/MISC.13. Statements were made by representatives of three Parties.

52. At its 4<sup>th</sup> meeting the SBSTA noted that no new information had been submitted on activities implemented jointly (AIJ) under the pilot phase since the sixth synthesis report. It also noted that the COP set a deadline of 1 June 2004 for the submission of reports on AIJ under the pilot phase for inclusion in the seventh synthesis report to be considered at COP 10.

53. At the same meeting the SBSTA took note of a report on an expert meeting on the scientific and methodological aspects of the proposal by Brazil held from 8 to 9 September 2003 in Berlin, Germany.

## **X. REPORT ON THE SESSION**

(Agenda item 10)

54. At its 6<sup>th</sup> meeting, on 9 December, the SBSTA considered the draft report on its nineteenth session.<sup>25</sup> At the same meeting, on a proposal by the Chair, the SBSTA authorized the Rapporteur, with the assistance of the secretariat, to complete the report on the session, under the guidance of the Chair.

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<sup>24</sup> Adopted as FCCC/SBSTA/2003/L.24.

<sup>25</sup> Adopted as FCCC/SBSTA/2003/L.16.

Annex I

**Expert Group on Technology Transfer programme of work for the year 2004**

<b>Area</b>	<b>Proposed actions</b>	<b>Activities/outcomes</b>	<b>Time frame</b>
Technology needs assessments	<ol style="list-style-type: none"> <li>1. Review progress in the implementation of the technology needs assessment, including its financial and technical assistance components</li> <li>2. Collaborate with UNDP and the CTI on the further development of the handbook on methodologies for technology needs assessments, including the provision to address adaptation issues and concerns</li> <li>3. Cooperate with the CTI and others to organize and sponsor regional training on the conduct of technology needs assessments (using the UNDP handbook on methodologies for technology needs assessments prepared in collaboration with the CTI) and related topics</li> </ol>	<ul style="list-style-type: none"> <li>• Discuss the status and provide recommendations to the SBSTA</li> <li>• Review of the revised handbook</li> <li>• Regional workshops</li> </ul>	<p>SBSTA 20</p> <p>Ongoing</p> <p>Ongoing</p>
Technology information	<ol style="list-style-type: none"> <li>1. Consider the outcome of the survey on TT:CLEAR</li> <li>2. Review the needs, logistical implications and institutional arrangements associated with networking international technology clearing houses and networks of regional and national technology centres</li> </ol>	<ul style="list-style-type: none"> <li>• Provide recommendations to the SBSTA on possible ways and means to improve TT:CLEAR and make the system known to potential users; and on possible next steps</li> <li>• Produce an informal paper; and provide recommendations to the SBSTA</li> </ul>	<p>SBSTA 20</p> <p>SBSTA 21</p>

Area	Proposed actions	Activities/outcomes	Time frame
Enabling environments	<ol style="list-style-type: none"> <li>1. Consider the outcome of the round-table discussion on enabling environments for technology transfer held at COP 9</li> <li>2. Cooperate with business and industry in the organization of sector-specific workshops as mandated by the SBSTA at its eighteenth session</li> <li>3. Analyse the interaction of climate and environmentally related legislation and policies on national technology choices and transfer</li> </ol>	<ul style="list-style-type: none"> <li>• Provide recommendations to the SBSTA for further actions</li> <li>• Consider the outcomes of these events and provide recommendations to the SBSTA for further actions</li> <li>• Review submissions from Parties and identify next steps</li> </ul>	<p>SBSTA 20</p> <p>SBSTA 21</p> <p>SBSTA 21</p>
Capacity-building	<ol style="list-style-type: none"> <li>1. Analysis of trends (e.g., capacity-building for hardware operation, human resources and institutional capacity-building) and gaps and overlaps in the implementation of different capacity-building activities</li> <li>2. Analyse ways to strengthen institutional capacities and promote closer regional cooperation of national focal points</li> </ol>	<ul style="list-style-type: none"> <li>• Request the secretariat to consult with other relevant organizations to provide information on these trends and their plans to finance specific activities to support capacity-building for technology transfer and to report on its findings to the EGTT</li> <li>• Review ongoing activities carried out by other organizations</li> </ul>	<p>5th EGTT meeting</p> <p>SBSTA 21</p>
Mechanisms	<ol style="list-style-type: none"> <li>1. Identify links and possible collaboration with other conventions</li> </ol>	<ul style="list-style-type: none"> <li>• Monitor ongoing work in other conventions</li> </ul>	<p>SBSTA 20</p>

Area	Proposed actions	Activities/outcomes	Time frame
Cross-cutting activities	<ol style="list-style-type: none"> <li>1. Explore opportunities to enhance the capabilities of existing institutions to serve as clean technology/energy centres in order to facilitate climate technology transfer at national and regional level</li> <li>2. Encourage the development of environmentally sound technologies, in particular adaptation technologies</li> </ol>	<ul style="list-style-type: none"> <li>• Cooperate with UNEP and other relevant organizations</li> <li>• Discuss possible activities</li> <li>• Produce a scoping paper on the basic concepts of adaptation-relevant technologies to facilitate the discussion by the EGTT on possible next steps</li> </ul>	<p>SBSTA 21</p> <p>5th EGTT meeting</p>
Innovative financing	<ol style="list-style-type: none"> <li>1. Identify innovative options for financing the development and transfer of technologies</li> </ol>	<ul style="list-style-type: none"> <li>• Prepare terms of reference for a workshop</li> <li>• Organize the workshop before SBSTA 21</li> </ul>	<p>5th EGTT meeting</p> <p>SBSTA 21</p>

Annex II

**Members of the Expert Group on Technology Transfer**

Africa

Ms. Muriel Dube\*

Mr. William Kojo Agyemang-Bonsu

Mr. Anthony Olusegun Adegbulugbe

Asia and the Pacific

Mr. Vute Wangwacharakul\*

Mr. Imran Habib Ahmad

Mr. Suk-Hoon Woo

Latin America and the Caribbean

Mr. Rawlestone Moore\*

Mr. Osvaldo Girardin\*

Mr. Carlos A. Grezzi

Small island developing States

Mr. Kishan Kumarsingh\*

Annex I Parties

Ms. Renata Cybulska-Witkiewicz\*

Mr. Taka Hiraishi\*

Mr. Thomas Verheye\*

Mr. Bernard Mazijn

Mr. Elmer Holt<sup>1</sup>

Ms. Margaret E. Martin

Mr. Holger Liptow

\* New members for 2004–2005. The mandate for the other members will expire at the end of 2004.

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<sup>1</sup> Replacing of Mr. Richard Bradley who resigned during COP 9.



Annex III**List of documents before  
the Subsidiary Body for Scientific and  
Technological Advice at its nineteenth session****Documents prepared for the session**

FCCC/SBSTA/2003/11	Provisional agenda and annotations. Note by the Executive Secretary
FCCC/SBSTA/2003/12	Development and transfer of technologies. Report of the Expert Group on Technology Transfer for 2003. Note by the Chair of the EGTT
FCCC/SBSTA/2003/13	Methodological issues. Issues relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol. Progress report on the development of the data exchange standards and transaction log
FCCC/SBSTA/2003/14 and Corr.1	Methodological issues. Greenhouse gas inventories. Report on the national greenhouse gas inventory data from Annex I Parties for the period 1990–2001
FCCC/SBSTA/2003/INF.8	Methodological issues. Review of methodological work under the Convention and the Kyoto Protocol. Synthesis of proposals by Parties on elements of a future work programme
FCCC/SBSTA/2003/INF.9	Methodological issues. Review of methodological work under the Convention and the Kyoto Protocol. Report on the availability, accessibility and comparability of existing sources of emission data and relevant socio-economic data, including options for the development, hosting and management of a data interface
FCCC/SBSTA/2003/INF.10	Methodological issues. Greenhouse gas inventories. Methodological issues relating to the preparation of national greenhouse gas inventories
FCCC/SBSTA/2003/INF.11	Methodological issues. Good practice guidance and other information on land use, land-use change and forestry. Draft common reporting format for land use, land-use change and forestry
FCCC/SBSTA/2003/INF.12	Development and transfer of technologies. Questionnaire for the survey on the assessment of the effectiveness of the use of the UNFCCC technology information clearing house (TT:CLEAR).

FCCC/SBSTA/2003/INF.13	Methodological issues. Issues relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol. Report on the intersessional consultations on registry systems. Note by the Chair of the consultations
FCCC/SBSTA/2003/MISC.9 and Add.1	Methodological issues. Review of methodological work under the Convention and the Kyoto Protocol. Further views on elements of a possible future work programme. Submissions from Parties
FCCC/SBSTA/2003/MISC.10 Add.1	Research and systematic observation. Priorities for actions and arising from the second adequacy report, with particular reference to the Global Climate Observing System steering committee report to the Subsidiary Body for Scientific and Technological Advice at its eighteenth session. Submissions from Parties
FCCC/SBSTA/2003/MISC.11	Third Assessment Report of the Intergovernmental Panel on Climate Change. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Scientific, technical and socio-economic aspects of mitigation. Elements, scope and priorities of the work. Submissions from Parties
FCCC/SBSTA/2003/MISC.12	Research and systematic observation. Priorities for actions arising from the second adequacy report, with particular reference to the Global Climate Observing System steering committee report to the Subsidiary Body for Scientific and Technological Advice at its eighteenth session. Synthesis report from the Global Climate Observing System secretariat
FCCC/SBSTA/2003/MISC.13	Other matters. Any other matters. Report to the Subsidiary Body for Scientific and Technological Advice on an expert meeting on the proposal by Brazil. Submissions from Parties.
FCCC/SB/2003/1	Cooperation with relevant international organizations. Implementation of Article 4, paragraphs 8 and 9, of the Convention. Progress on the implementation of Article 4, paragraph 8. Report of the workshops on possible synergies and joint action with the other multilateral environmental conventions and agreements, and on enhancing cooperation with other conventions
FCCC/SB/2003/INF.2	Implementation of Article 4, paragraphs 8 and 9, of the Convention. Progress on the implementation of Article 4, paragraph 8. Other matters. Any other matters. Report of the workshop on local coping strategies and technologies for adaptation
FCCC/TP/2003/1	Capacity-building in the development and transfer of technologies. Technical paper

FCCC/TP/2003/3	Compilation of data on emissions from international aviation. Technical paper
FCCC/TP/2003/7 and Corr.1	Estimation, reporting and accounting of harvested wood products. Technical paper
FCCC/SBSTA/2003/L.16	Report on the session. Draft report of the Subsidiary Body for Scientific and Technological Advice on its nineteenth session
FCCC/SBSTA/2003/L.17	Research and systematic observation. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.17/Add.1	Research and systematic observation. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
FCCC/SBSTA/2003/L.18	Development and transfer of technologies. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.19	Cooperation with relevant international organizations. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.20	Methodological issues. Issues relating to registry systems under Article 7, paragraph 4, of the Kyoto Protocol. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.21	Methodological issues. Harvested wood products. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.22	Methodological issues. Good practice guidance and other information on land use, land-use change and forestry. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.22/Add.1	Methodological issues. Good practice guidance and other information on land use, land-use change and forestry. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
FCCC/SBSTA/2003/L.23	Other matters. Issues relating to cleaner or less-greenhouse-gas-emitting energy. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.24	Other matters. Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol. Draft conclusions proposed by the Chair
FCCC/SBSTA/2003/L.25	Methodological issues. Review of methodological work under the Convention and the Kyoto Protocol. Draft conclusions proposed by the Chair

- FCCC/SBSTA/2003/L.26 Third Assessment Report of the Intergovernmental Panel on Climate Change. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Scientific, technical and socio-economic aspects of mitigation. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2003/L.26/Add.1 Third Assessment Report of the Intergovernmental Panel on Climate Change. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Scientific, technical and socio-economic aspects of mitigation. Draft conclusions proposed by the Chair. Addendum. Recommendation of the Subsidiary Body for Scientific and Technological Advice
- FCCC/SBSTA/2003/L.27 Methodological issues. Land use, land-use change and forestry: definitions and modalities for including afforestation and reforestation activities under Article 12 of the Kyoto Protocol Recommendation of the Subsidiary Body for Scientific and Technological Advice
- FCCC/SBSTA/2003/L.28 Methodological issues. Greenhouse gas inventories. Draft conclusions proposed by the Chair
- FCCC/SBSTA/2003/L.29 “Good practices” in policies and measures among Parties included in Annex I to the Convention. Draft conclusions proposed by the Chair

**Other documents before the session**

- FCCC/SBSTA/2003/10 and Add. 1–3 Report of the Subsidiary Body for Scientific and Technological Advice on its eighteenth session, held at Bonn, from 4 to 13 June 2003
- FCCCC/CP/2003/1 Provisional agenda and annotations. Note by the Executive Secretary
- FCCC/CP/2002/8 Review of the implementation of commitments and of other provisions of the Convention. National communications: greenhouse gas inventories from Parties included in Annex I to the Convention. UNFCCC guidelines on reporting and review
- FCCC/SBSTA/2003/2 Third Assessment Report of the Intergovernmental Panel on Climate Change. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Scientific, technical and socio-economic aspects of mitigation. Synthesis of views submitted by Parties on the aspects of the Third Assessment Report that could facilitate the work of the Conference of the Parties and its subsidiary bodies
- FCCC/SBSTA/2002/MISC.3 and Add.1–2 Proposal on cleaner or less greenhouse gas-emitting energy. Submissions from Parties

FCCC/SBSTA/2003/MISC.2 and Add.1	Third Assessment Report of the Intergovernmental Panel on Climate Change. Scientific, technical and socio-economic aspects of impacts of, and vulnerability and adaptation to, climate change. Scientific, technical and socio-economic aspects of mitigation. Aspects of the Third Assessment Report that could facilitate the work of the Conference of the Parties and its subsidiary bodies. Submissions from Parties
FCCC/SBSTA/2003/MISC.3/Add.1	Methodological issues. Review of methodological work under the Convention and the Kyoto Protocol. Initial views on needs for specific methodological activities and on a strategic approach to further methodological work. Submissions from Parties
FCCC/SBSTA/2003/MISC.5 and Add. 1	Methodological issues. Land use, land-use change and forestry: definitions and modalities for including afforestation and reforestation activities under Article 12 of the Kyoto Protocol. Draft text for modalities. Submissions from Parties
FCCC/SBSTA/2003/MISC.7	Other issues. Issues relating to cleaner or less greenhouse gas-emitting energy. Submissions from Parties
FCCC/SBSTA/2003/MISC.8	Other matters: Issues relating to the implementation of Article 2, paragraph 3, of the Kyoto Protocol. Submissions from Parties
FCCC/SBI/2003/7/Add.2	National communications from Parties included in Annex I to the Convention. Compilation and synthesis of third national communications. Compilation and synthesis report on third national communications. Addendum. Policies and measures

**Documents available on the UNFCCC web site**

FCCC/WEB/2003/1	“Good practices” in policies and measures among Parties included in Annex I to the Convention. Policies and measures reported by Parties included in Annex I to the Convention in their third national communications. Database information
FCCC/WEB/2003/3	National communication from Parties included in Annex I to the Convention. National greenhouse gas inventory data from Annex I Parties for 1990 to 2001

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