

CGRFA/WG-AnGR-6/10/REPORT

Commission on Genetic Resources for Food and
Agriculture

**Intergovernmental Technical Working Group on
Animal Genetic Resources for Food and Agriculture**

Sixth Session

**Rome, Italy
24 – 26 November 2010**



Food and Agriculture Organization of the United Nations

CGRFA/WG-AnGR-6/10/REPORT

COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

REPORT OF THE SIXTH SESSION

OF THE

**INTERGOVERNMENTAL TECHNICAL WORKING GROUP ON
ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

Rome, Italy, 24 – 26 November 2010

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Rome, 2010

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<http://www.fao.org/ag/againfo/programmes/en/genetics/angrvent2010.html>

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CONTENTS

		Para
I.	Introduction	1
II.	Opening of the Session and Election of the Chair and Vice-chairs, and <i>Rapporteur</i>	2 – 13
III.	Implementation by FAO of the <i>Global Plan of Action for Animal Genetic Resources</i>	14 – 18
IV.	Draft Technical Guidelines for the implementation of the <i>Global Plan of Action for Animal Genetic Resources</i>	19 – 21
V.	Biotechnologies and the conservation and utilization of animal genetic resources for food and agriculture	22 – 24
VI.	Status of implementation of the <i>Funding Strategy for the Implementation of the Global Plan of Action for Animal Genetic Resources</i>	25 – 32
VII.	The Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity	33 – 37
VIII.	Review of the Commission’s Multi-year Programme of Work – Animal genetic resources	38 – 40
IX.	Closing Statements	41 – 48

Appendices

A	Agenda of the Sixth Session
B	List of Documents
C	Members of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture elected at the Twelfth Regular Session of the Commission on Genetic Resources for Food and Agriculture.
D	List of Delegates and Observers

COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

**REPORT OF THE SIXTH SESSION OF THE INTERGOVERNMENTAL TECHNICAL
WORKING GROUP ON ANIMAL GENETIC RESOURCES FOR FOOD AND
AGRICULTURE**

Rome, Italy, 24 – 26 November 2010

I. INTRODUCTION

1. The Sixth Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture (Working Group) was held in Rome, Italy, from 24 to 26 November 2010. The list of delegates and observers is attached as *Appendix D*.

**II. OPENING OF THE SESSION AND ELECTION OF THE CHAIR
AND VICE-CHAIRS, AND RAPPORTEUR**

2. Ms Vanida Khumnirdpetch (Thailand), Chair of the Working Group, welcomed delegates and observers. She thanked the members of the Working Group and the Secretariat for the support she had received during her term as Chair. Ms Khumnirdpetch stated that considerable progress had been made by countries in the implementation of the *Global Plan of Action for Animal Genetic Resources (Global Plan of Action)*, and that FAO support had been very helpful in this regard.

3. Ms Khumnirdpetch stated that further advice to the Commission on Genetic Resources for Food and Agriculture (Commission) by the Working Group was necessary to promote and guide future work, emphasizing the need to understand the implications of the *Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization (Nagoya Protocol)* in relation to animal genetic resources for food and agriculture. She then invited nominations for the Chair, Vice-Chairs and *Rapporteur*.

4. The Working Group elected as Chair, Mr François Pythoud (Switzerland), and as Vice-Chairs, Mr Arthur Mariante (Brazil), Mr Hongjie Yang (China), Mr Vitalis R. Molebuin Chepnda (Cameroon), Mr Khaleel L.I. Jawasreh (Jordan), and Mr Harvey D. Blackburn (United States of America). Mr Blackburn was elected *Rapporteur*. In taking up the position as Chair, Mr Pythoud thanked the outgoing Chair for her work and guidance over the past two years, noting much had been achieved under her leadership.

5. Mr Samuel Jutzi, Director, Animal Production and Health Division of the Food and Agriculture Organization of the United Nations (FAO), on behalf of Dr Jacques Diouf, Director-General and Mr Modibo Traoré, Assistant Director-General, Agriculture and Consumer Protection Department, welcomed delegates and observers. He stated that the competent management of the world's animal genetic resources was essential with human population growth expected to rise from about 6.2 billion to 9 billion over the next forty years, resulting in greater demand for meat, milk, eggs and other livestock products. Maintaining and improving animal

production would be of enormous significance in the coming decades and a diverse portfolio of animal genetic resources would be crucial in adapting and developing the world's agricultural production systems and increasing the resilience of our food supply systems.

6. Mr Jutzi noted that more than 50 countries had planned, or were developing or already implementing, national strategies and action plans for animal genetic resources. He indicated that FAO had continued to raise awareness of the *Global Plan of Action* and informed the Working Group that *The State of the World's Animal Genetic Resources for Food and Agriculture* and the *Global Plan of Action* had been published in all FAO languages, as well as in several national languages.

7. Mr Jutzi stated that over the past two years, FAO had supported countries in various ways, including through the development of technical guidelines and technical cooperation projects and by promoting regional collaboration. He emphasized that substantial human and financial resources, including voluntary contributions, had been essential in advancing work, and would continue to be necessary in the future. Mr Jutzi noted that advice on the implementation of the *Funding Strategy for the implementation of the Global Plan of Action for Animal Genetic Resources* was needed from the Working Group, to assist the Commission in deciding to announce the first call for project proposals at its next Regular Session, provided that sufficient funding is available in the FAO Trust Account.

8. Mr Jutzi sincerely thanked the Governments of Australia, Ireland, Germany, Norway, Spain, Sweden, Switzerland, Turkey and the United States of America, and the European Commission and the Global Environment Facility, for providing financial support during the past two-years; and Germany for financially supporting the participation of a number of National Coordinators for Animal Genetic Resources at the workshop preceding the Sixth Session of the Working Group. He also indicated the importance of the in-kind support that had been provided by several countries, noting in this regard the National Coordinator for Animal Genetic Resources of the Russian Federation and the All-Russian Research Institute for Animal Husbandry, who had translated the report on *The State of the World's Animal Genetic Resources* into the Russian language.

9. Mr Alexander Müller, Assistant Director-General, Natural Resources Management and Environment Department, welcomed members of the Working Group and observers on behalf of Dr Jacques Diouf and the FAO Commission on Genetic Resources for Food and Agriculture. He informed the Working Group that Ms Linda Collette had been appointed as Secretary of the Commission.

10. Mr Müller stated that in light of the challenges imposed by rapid world population growth, climate change and the emergence of new and virulent livestock diseases, sound use of the world's animal genetic resources was of great importance and concern. Mr Müller felt that this Sixth Session came at a most opportune time, as never before had there been so much awareness of the important roles that genetic resources play in achieving world food security.

11. Mr Müller noted that the tenth meeting of the Conference of the Parties to the Convention on Biological Diversity had recognized FAO and its Commission's work, and in particular, that the Conference had acknowledged processes led by FAO and its Commission, such as the implementation of the *Global Plan of Action for Animal Genetic Resources* and the adoption of the Funding Strategy for its implementation. He stated that the Nagoya Protocol underlined the important role of the Commission in global policy making.

12. Mr Müller congratulated the many countries that had taken promising steps to implement the *Global Plan of Action*. He indicated that FAO is grateful for the support and generosity shown by donor countries so far, and appealed for further support for developing countries and countries with economies in transition. Mr Müller recalled that according to the Interlaken Declaration, the

extent to which developing countries would effectively implement their commitments under the *Global Plan of Action* depended on the effective provision of funding.

13. The Working Group adopted the agenda as given in *Appendix A*.

III. IMPLEMENTATION BY FAO OF THE *GLOBAL PLAN OF ACTION FOR ANIMAL GENETIC RESOURCES*

14. The Working Group considered the document, *FAO Progress Report on the implementation of the Global Plan of Action for Animal Genetic Resources*.¹ It took note of the information documents, *Detailed FAO Progress Report on the implementation of the Global Plan of Action for Animal Genetic Resources*,² *Status and trends report on animal genetic resources – 2010*,³ and *Current arrangements for existing national and multi-country storage systems for the conservation of animal genetic resources*.⁴

15. The Working Group recommended that the Commission:

- i) request FAO to ensure that the sustainable management of animal genetic resources remains a priority area for the Organization, and that it continues to provide necessary technical advice and financial support for country implementation of the *Global Plan of Action*;
- ii) invite Members to enhance implementation of the *Global Plan of Action* through national strategies and action plans or other relevant programmes or projects addressing sustainable management of animal genetic resources;
- iii) invite Members and international organizations to complete the appropriate questionnaires for the preparation of 2011 Country Progress Reports and International Organization Progress Reports, respectively, on the implementation of the *Global Plan of Action*;
- iv) stress the need for countries to regularly update their national data and information in DAD-IS or FABIS-net, to ensure that the best available data and information are available to enable informed decisions in the implementation of the *Global Plan of Action*;
- v) invite FAO to continue to further develop, through regionally balanced consultations, the Convention on Biological Diversity's Headline Indicator for trends in genetic diversity of domesticated animal species of major socio-economic importance;
- vi) request countries to begin or continue to characterize their animal genetic resources both phenotypically and genetically, and to collaborate with regional and international organizations in meta-analyses of data across countries, while respecting data ownership, for improved management of transboundary breeds and local breeds with genetic similarities to breeds in other countries;

¹ CGRFA/WG-AnGR-6/10/2

² CGRFA/WG-AnGR-6/10/Inf.2

³ CGRFA/WG-AnGR-6/10/Inf.3

⁴ CGRFA/WG-AnGR-6/10/Inf.4

- vii) request FAO and IAEA to continue with their joint efforts to establish a genetic resources database (with open access) to support national genetic resources programmes, including with the European Union Research Framework Programme;
- viii) encourage countries to collaborate with regional organizations in the implementation of the *Global Plan of Action* to achieve improved management of animal genetic resources;
- ix) invite FAO and countries to initiate the development of policies and protocols for exchange of animal genetics resources for the purpose of multi-country conservation activities, including gene banking, especially in light of spreading diseases, climate change and natural disasters, for review by the Working Group;
- x) request FAO to continue to pursue partnerships and alliances with other international mechanisms and organizations to enhance mobilization of financial resources for implementation of the *Global Plan of Action*; and
- xi) invite donors to continue to provide financial support to developing countries and countries in transition to prepare national strategies and action plans, and to support establishment and maintenance of regional focal points, where required and as appropriate.

16. Some Members of the Working Group suggested further work on definitions of native, and non-native breeds, in addition to already agreed definitions of local and transboundary breeds of livestock.

17. The Working Group recommended that countries from various regions participate in testing the questionnaire for the preparation of Country Progress Reports due in 2012, in order to identify questions requiring clarification, prior to use by all countries.

18. One Member of the Working Group proposed that the Commission review the interval for reporting on status and trends for animal genetic resources, suggesting that a four-year interval would be more appropriate than the current two-year interval, and that the format for reporting include a separate table for extinct breeds.

IV. DRAFT TECHNICAL GUIDELINES FOR THE IMPLEMENTATION OF THE *GLOBAL PLAN OF ACTION FOR ANIMAL GENETIC RESOURCES*

19. The Working Group welcomed the draft technical guidelines, *Draft guidelines on surveying and monitoring*,⁵ *Draft guidelines on phenotypic characterization*,⁶ *Draft guidelines on molecular genetic characterization*,⁷ *Draft guidelines on cryoconservation*,⁸ and *Draft guidelines on development of the institutional frameworks for the management of animal genetic resources*.⁹

20. The Working Group indicated its appreciation to FAO for preparing the draft guidelines, which would further support national implementation of the *Global Plan of Action*. It requested additional time to enable a detailed review of the draft guidelines, and agreed to provide

⁵ CGRFA/WG-AnGR-6/10/Inf.5

⁶ CGRFA/WG-AnGR-6/10/Inf.6

⁷ CGRFA/WG-AnGR-6/10/Inf.7

⁸ CGRFA/WG-AnGR-6/10/Inf.8

⁹ CGRFA/WG-AnGR-6/10/Inf.9

comments on the draft guidelines to FAO by January 31, 2011, in order for FAO to finalize the draft guidelines for forwarding to the Commission at its next Regular Session.

21. The Working Group recommended that the Commission endorse the five draft guidelines and request FAO to finalize and publish these guidelines and encourage countries to make full use of them. It also recommended that the Commission request FAO to continue updating and further developing technical guidelines on the management of animal genetic resources, including guidelines addressing animal identification, traceability and performance recording, on *in vivo* conservation of animal genetic resources, and the DAD-IS manual, and that FAO continue to provide capacity building based on the guidelines.

V. BIOTECHNOLOGIES AND THE CONSERVATION AND UTILIZATION OF ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE

22. At its Twelfth Regular Session, the Commission requested FAO to prepare a scoping paper describing the range of biotechnologies applied in the conservation and utilization of genetic resources for food and agriculture, the current status of application of these technologies and matters relevant for their future development, including relevant policy developments in other international forums, for consideration by the Commission at its next Regular Session. The Commission indicated that the scoping paper should be reviewed by its Working Groups on animal and plant genetic resources. Accordingly, the document, *Status and trends of biotechnologies applied to the conservation and utilization of genetic resources for food and agriculture and matters relevant for their future development*, was presented for review by the Working Group.¹⁰

23. The Working Group reviewed the scoping paper and provided a number of suggestions. It indicated that more information on biotechnologies specific to animal genetic resources, and more detailed analysis of important developments of current applications such as genomic selection and bioinformatics, and of potential impacts and existing policies regarding biotechnologies, should be made available to the Commission for its consideration. The Working Group was informed by the Secretariat that detailed background information would be made available to the Commission, to reflect fully the breadth and depth of biotechnologies in all sectors of genetic resources for food and agriculture.

24. The Working Group recommended that the Commission:

- i) emphasize the need for the development of sector- and region-specific standards and technical protocols for the molecular characterization of genetic resources for food and agriculture¹¹, according to specific needs, in order to generate reproducible and comparable data;
- ii) request FAO to present to the Commission, at its Fourteenth Regular Session, a sector-specific analysis on the investments, returns and socio-ecological impacts of biotechnologies for genetic resources for food and agriculture;
- iii) request FAO to develop criteria and identify appropriate biotechnologies for the characterization, conservation and utilization of genetic resources for food and agriculture, taking into account scientific, socio-economic, environmental, genetic

¹⁰ CGRFA/WG-AnGR-6/10/5

¹¹ Draft guidelines on molecular genetic characterization of animal genetic resources were presented, under a separate agenda item, for review at the Sixth Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture, CGRFA/WG-AnGR-6/10/Inf.7

- resources and cultural considerations; and that subsequently the need for the development of baseline indicators to monitor and evaluate the generation, adaptation and adoption of biotechnologies for the characterization, conservation and utilization of genetic resources for food and agriculture be considered;
- iv) request its Intergovernmental Technical Working Groups to contribute to the development of the aforementioned criteria by identifying relevant sector-specific issues that can be impacted by the application of biotechnologies;
 - v) request FAO to increase its efforts to strengthen the national capacities of developing countries for priority-setting and policy formulation in biotechnologies for the characterization, conservation and utilization of genetic resources for food and agriculture;
 - vi) request FAO to strengthen activities for the regular dissemination of updated factual information on the role of biotechnologies for the characterization, conservation and utilization of genetic resources for food and agriculture through existing databases, networks and newsletters (e.g. DAD-IS, FAO-BiotechNews and WIEWS);
 - vii) request FAO to consider ways of better communicating biotechnology developments to the public; and
 - viii) request FAO to explore mechanisms for future cooperation with relevant international organizations, including for fostering North-South and South-South cooperation, for harnessing the benefits of biotechnologies for the characterization, conservation and utilization of genetic resources for food and agriculture, noting the importance of providing financial and technical support for developing countries and countries with economies in transition, to enhance the use of available biotechnologies.

VI. STATUS OF IMPLEMENTATION OF THE *FUNDING STRATEGY FOR THE IMPLEMENTATION OF THE GLOBAL PLAN OF ACTION FOR ANIMAL GENETIC RESOURCES*

25. The Working Group considered document, *Funding Strategy for the implementation of the Global Plan of Action for Animal Genetic Resources, including administrative arrangements for the FAO Trust Account*,¹² (Funding Strategy). It took note of information document, *Results of informal surveys on progress in country implementation of the Global Plan of Action for Animal Genetic Resources*.¹³ The Working Group was informed by the Secretary that the Government of Switzerland had provided US\$50 000 for the Trust Account under the Funding Strategy.

26. The Working Group stressed the need for adequate funding to support developing country implementation of the *Global Plan of Action*. It noted that the FAO Regular Programme funding in 2010-2011 and voluntary contributions amount to US\$4.89 million, excluding funding for projects from the Technical Cooperation Programme. The Working Group recommended that the Commission express its appreciation to the governments that had contributed to the FAO Trust Account for the implementation of the *Global Plan of Action*, and urgently request other governments and donors to provide funding to the FAO Trust Account.

¹² CGRFA/WG-AnGR-6/10/4

¹³ CGRFA/WG-AnGR-6/10/Inf.10

27. The Working Group considered the draft first call for proposals, as given in *Annex 2* of document, *Funding Strategy for the implementation of the Global Plan of Action for Animal Genetic Resources, including administrative arrangements for the FAO Trust Account*. It recommended that the Commission request FAO to publish the first call for proposals for the use of funds received through the FAO Trust Account for the Funding Strategy established for the implementation of the *Global Plan of Action*, once the Trust Account has reached a threshold of around US\$500 000; this in order to enable execution of the full project cycle as set out in the Funding Strategy, including the provision for the core administrative budget of the Trust Account (Annex 1, Section C, Project Cycle, paragraph 5.d); and project servicing costs as set out in Annex I, Section F, Financial Rules of the Funding Strategy.

28. The Working Group recommended that the Commission agree to a maximum of one concept note from each developing country and country with economy in transition in the first call for proposals. It encouraged Regional Focal Points for Animal Genetic Resources where they exist, or regional networks, to facilitate pre-screening of concept notes, thereby reducing project screening administrative costs and resulting in lower overhead costs. While ensuring high quality, the Working Group stressed the importance of achieving regional balance in the distribution of financial resources from the Funding Strategy; it also stressed that bilateral or multi-lateral project proposals would be highly beneficial and should be encouraged, and that additional funding sources impacting the project should be included in project concept notes.

29. The Working Group recommended that the Commission delegate its power to approve project proposals submitted under the first call for proposals to its Bureau with one additional representative for each region, as provided for in Annex I, Section C, Project Cycle, paragraph 6.d., of the Funding Strategy. It further recommended that the Commission agree that priorities be considered as suggested in Section A, paragraph 5, subparagraphs 1-3, of the Funding Strategy, and that the Commission establish an initial maximum allocation per project of up to US\$50 000 in the first round of projects, as well as a project timeframe of up to two years.

30. The Working Group noted the importance of sharing the results of projects funded under the Trust Account, and recommended that the Commission request Funding Strategy beneficiaries to make data and information generated in the projects publicly available, in order to be eligible for future funding, especially to report relevant breed-related information to DAD-IS for the enhancement of the resource indicator of the *Global Plan of Action* and its Funding Strategy.

31. The Working Group recalled that the Funding Strategy has provisions for Reporting and Monitoring, and recommended that the Commission request FAO to prepare draft monitoring procedures, as envisaged in Annex I, Section C, Project Cycle, paragraph 8c., for consideration at its Fourteenth Regular Session. It indicated that experience gained in the first round of projects should be considered in preparing for subsequent calls for proposals.

32. The Working Group recommended that the Commission request FAO to continue providing regular programme funds and technical advice to support country implementation of the *Global Plan of Action*, and to continue to pursue partnerships and alliances with donors, international mechanisms and organizations to enhance mobilization of financial resources for the implementation of the *Global Plan of Action*. It recommended that the Commission invite countries and international organizations to report on financial resources received and/or provided in Country Progress Reports and in International Organizations Progress Reports, for consideration at its Fourteenth Regular Session.

**VII. THE NAGOYA PROTOCOL ON ACCESS TO GENETIC RESOURCES
AND THE FAIR AND EQUITABLE SHARING OF BENEFITS
ARISING FROM THEIR UTILIZATION TO THE CONVENTION
ON BIOLOGICAL DIVERSITY**

33. The Secretariat provided information on the *Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity (the Protocol)*, adopted on 29 October 2010 by the tenth meeting of the Conference of the Parties to the Convention on Biological Diversity. The Working Group welcomed the adoption of the Nagoya Protocol and noted with appreciation that the decision through which the Protocol was adopted acknowledges FAO Conference Resolution 18/2009, *Policies and Arrangements for Access and Benefit-sharing for Genetic Resources for Food and Agriculture*, which was agreed by the Commission at its Twelfth Regular Session.

34. The Working Group noted that the Protocol, in its preamble, explicitly recognizes the importance of genetic resources for food security, the interdependence of all countries with regard to genetic resources for food and agriculture, as well as their special nature and importance for achieving food security worldwide, and for sustainable development of agriculture in the context of poverty alleviation and climate change, and that it acknowledges the fundamental role of the Commission and the FAO International Treaty on Plant Genetic Resources for Food and Agriculture in this regard.

35. The Working Group noted with appreciation that the Protocol, in its operational provisions, requires Contracting Parties to consider in the development and implementation of their access and benefit-sharing legislation or regulatory requirements, the importance of genetic resources for food and agriculture and their special role for food security. The Working Group further noted that the Protocol leaves room for the development of sectoral instruments on access and benefit-sharing, including for genetic resources for food and agriculture, provided they are consistent with, and do not run counter to, the objectives of the Convention on Biological Diversity and the Protocol.

36. The Working Group noted with appreciation that with the support of the Governments of the Netherlands, Sweden and Norway, an *International Technical Expert Workshop on Exploring the need for specific measures for access and benefit-sharing of animal genetic resources for food and agriculture* would be held in Wageningen, the Netherlands, from 8 to 10 December 2010. A series of multi-stakeholder expert meetings would also be convened by the University of Louvain, Belgium, during the first half of 2011.

37. The Working Group recommended that the Commission consider, at its forthcoming session, the outcomes of the tenth meeting of the Conference of the Parties to the Convention on Biological Diversity with regard to access and benefit-sharing, the status of ratifications of the Protocol, possible effects of the implementation of the Protocol on the use and exchange of genetic resources for food and agriculture and possible next steps the Commission might wish to take with regard to this matter.

**VIII. REVIEW OF THE COMMISSION'S MULTI-YEAR PROGRAMME
OF WORK – ANIMAL GENETIC RESOURCES**

38. The Working Group considered document, *Review of the Commission's Multi-Year Programme of Work – Animal Genetic Resources*.¹⁴ The Working Group agreed not to recommend to the Commission any modifications of the milestones or outputs foreseen in the Commission's Multi-Year Programme of Work with regard to animal genetic resources. It also

¹⁴ CGRFA/WG-AnGR-6/10/5

decided not to recommend any modification to the processes and activities foreseen in the Strategic Plan 2010-2017 for animal genetic resources, thus confirming that they were still appropriate and timely.

39. The Working Group recommended that in the review of the Commission's Multi-Year Programme of Work and the Strategic Plan 2010-2017, the outcomes of the tenth meeting of the Conference of the Parties to the Convention on Biological Diversity should be adequately reflected, in particular, the decision on agricultural biodiversity, the Nagoya Protocol and the Strategic Plan for Biodiversity 2011-2020.

40. The Working Group welcomed the results based management approach and recommended that the Commission request FAO to strengthen its activities in the area of targets and indicators, as well as recommended that FAO and its Commission take the lead in the development of targets and indicators to measure progress made in the implementation of the *Global Plan of Action for Animal Genetic Resources*.

IX. CLOSING STATEMENTS

41. In his closing remarks, the Chair noted that, in case the first call for proposals is issued by the Thirteenth Session of the Commission, all regions should be represented in the Bureau of the Working Group. The Chair, together with the Secretariat, will contact the Working Group members of the Southwest Pacific Region and inform the Bureau of the outcome.

42. A representative from the European Region stated that the Sixth Session had been highly successful and emphasized that implementation of the Global Plan of Action is well underway. He thanked FAO for having provided excellent support in assisting countries, noting that the guidelines developed by FAO would provide a sound scientific approach for achieving the effective implementation of the Global Plan of Action. The representative indicated that he was optimistic that adequate financial resources would be made available to the FAO Trust Account for the implementation of the Global Plan of Action, so that the Commission could make the first call for concept notes in 2011.

43. A representative from the North American Region thanked the Chair for having provided excellent summaries of each agenda item, as well as indicated appreciation to the Vice-Chairs, *Rapporteur* and Secretariat for their excellent work during the session. He noted that the high-quality technical guidelines provided by FAO would be helpful to all countries, and that the preceding National Coordinator workshop and side events during the current session had provided invaluable insight on the implementation of *Global Plan of Action* globally. The representative stated that future advice from the Working Group was needed to initiate projects and further develop indicators on status and trends.

44. A representative from the African Region noted that much had been achieved at the current session. He expressed appreciation for the financial support from donors that had enabled participation of a number of developing countries in the current session and preceding workshop. He thanked the Chair, Vice-Chairs and FAO for their work during the session, and expressed appreciation to all members of the Working Group for their insight and helpful comments.

45. A representative from Latin America and the Caribbean noted the importance of FAO support for implementation of the *Global Plan of Action*, and emphasized that the guidelines prepared by FAO would facilitate further country efforts. He indicated that he hoped that the Regional Focal Point in his region would continue to develop and make an even stronger contribution in future.

46. A representative from the Near East thanked the Chair, Vice-Chairs, *Rapporteur* and Secretariat for ensuring a successful outcome during the Sixth Session. He stated that his region was grateful for the support it had so far received from FAO, and indicated the importance of a Regional Focal Point for the Near East.

47. All representatives of the Regional Groups expressed the view that the current session had been productive and conducted in positive spirit of collaboration, and extended their appreciation to the Chair for his wisdom and guidance and for the way in which he had conducted the meeting. They also indicated appreciation to the Vice-Chairs, *Rapporteur*, and the Secretariat for ensuring a successful session. All representatives expressed gratitude to the translators and interpreters for their excellent work, which had greatly assisted all members of the Working Group to participate in the debate and discussion.

48. Mr Jutzi, on behalf of FAO and Mr Müller, congratulated the Working Group for providing clear recommendations and advice to the Commission. He expressed his appreciation to the Chair for his leadership and guidance shown throughout the Sixth Session. Mr Jutzi noted that the Working Group had often used a regional approach, and this had proven to be highly successful. He stated that FAO remains committed to supporting its members to enhance the implementation of the *Global Plan of Action*, and hoped that the Funding Strategy would come into operation in 2011. Mr Jutzi extended his appreciation to all FAO staff for their dedicated work in the preparation of and during the Sixth Session.

APPENDIX A – ANNEXE A – ANEXO A

**INTERGOVERNMENTAL TECHNICAL WORKING GROUP ON
ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

Sixth Session

24 - 26 November 2010

AGENDA

1. Election of Chair, Vice-Chairs and *Rapporteur*
2. Adoption of the agenda and timetable
3. Implementation of the *Global Plan of Action for Animal Genetic Resources*
 - 3.1 Implementation by FAO of the *Global Plan of Action for Animal Genetic Resources*
 - 3.2 Draft technical guidelines for the implementation of the *Global Plan of Action for Animal Genetic Resources*
4. Biotechnologies and the conservation and utilization of animal genetic resources for food and agriculture
5. Status of implementation of the *Funding Strategy for the implementation of the Global Plan of Action for Animal Genetic Resources*
6. The Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity
7. Review of the Commission's Multi-Year Programme of Work – Animal genetic resources
8. Other business
9. Adoption of the Report

APPENDIX B – ANNEXE B – ANEXO B

LIST OF DOCUMENTS**Working Documents**

CGRFA/WG-AnGR-6/10/1 Rev. 1	Provisional agenda
CGRFA/WG-AnGR-6/10/1 Add.1	Provisional annotated agenda and timetable
CGRFA/WG-AnGR-6/10/2	FAO Progress Report on the implementation of the Global Plan of Action for Animal Genetic Resources
CGRFA/WG-AnGR-6/10/3	Draft technical guidelines for the implementation of the Global Plan of Action for Animal Genetic Resources
CGRFA/WG-AnGR-6/10/4	Funding Strategy for the implementation of the Global Plan of Action for Animal Genetic Resources, including administrative arrangements for the FAO Trust Account
CGRFA/WG-AnGR-6/10/5	Status and trends of biotechnologies applied to the conservation and utilization of genetic resources for food and agriculture and matters relevant for their future development
CGRFA/WG-AnGR-6/10/6	Review of the Commission's Multi-Year Programme of Work – Animal genetic resources

Information documents (in English only)

CGRFA/WG-AnGR-6/10/Inf.1	Statutes of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture, and Members elected by the Twelfth Regular Session of the Commission
CGRFA/WG-AnGR-6/10/Inf.2	Detailed FAO Progress Report on the implementation of the Global Plan of Action for Animal Genetic Resources
CGRFA/WG-AnGR-6/10/Inf.3	Status and trends report on animal genetic resources – 2010
CGRFA/WG-AnGR-6/10/Inf.4	Current arrangements for existing national and multi-country storage systems for the conservation of animal genetic resources
CGRFA/WG-AnGR-6/10/Inf.5	Draft guidelines on surveying and monitoring
CGRFA/WG-AnGR-6/10/Inf.6	Draft guidelines on phenotypic characterization
CGRFA/WG-AnGR-6/10/Inf.7	Draft guidelines on molecular genetic characterization

CGRFA/WG-AnGR-6/10/Inf.8	Draft guidelines on cryoconservation
CGRFA/WG-AnGR-6/10/Inf.9	Draft guidelines on development of the institutional framework for the management of animal genetic resources
CGRFA/WG-AnGR-6/10/Inf.10	Results of informal surveys on progress in country implementation of the Global Plan of Action for Animal Genetic Resources
CGRFA/WG-AnGR-6/10/Inf.11	List of documents

Other documents

Funding Strategy for the Implementation of the Global Plan of Action for Animal Genetic Resources

Preparation of national strategies and action plans for animal genetic resources

Breeding strategies for sustainable management of animal genetic resources

Animal Genetic Resources - an international journal • Ressources Génétiques Animales - un journal international • Recursos Genéticos Animales - una revista internacional No 47 - special issue dedicated to the International Year of Biodiversity

Report of a workshop on indicators to measure trends in genetic diversity of domesticated animals

Report of a workshop on disease resistance - Animal genetic resources and their resistance/tolerance to diseases, with special focus on parasitic diseases in ruminants

APPENDIX C – ANNEXE C – ANEXO C

**MEMBERS OF THE INTERGOVERNMENTAL TECHNICAL WORKING GROUP
ON ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE
ELECTED AT THE TWELFTH REGULAR SESSION OF THE
COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE****19 – 23 October 2009**

<i>Composition (no. of countries per region)</i>	<i>Country</i>
Africa (5)	Cameroon Ethiopia Morocco South Africa Togo
Asia (5)	China Mongolia Nepal Republic of Korea Thailand
Europe (5)	Finland Germany Netherlands Switzerland Turkey
Latin America and the Caribbean (5)	Brazil Chile Costa Rica Jamaica Venezuela (Bolivarian Republic of)
Near East (3)	Islamic Republic of Iran Jordan Qatar
North America (2)	Canada United States of America

Southwest Pacific
(2)

Papua New Guinea
Samoa

APPENDIX D – ANNEXE D – ANEXO D

**LIST OF DELEGATES AND OBSERVERS
LISTE DES DÉLÉGUÉS ET OBSERVATEURS
LISTA DE DELEGADOS Y OBSERVADORES**

Chairperson: Président: Presidente:	Mr François Pythoud (Switzerland)
Vice-Chairpersons: Vice-présidents: Vicepresidentes:	Mr Arthur Mariante (Brazil)
	Mr Hongjie Yang (China)
	Mr Vitalis R. Molebuin Chepnda (Cameroun)
	Mr Khaleel I. Z. Jawasreh (Jordan)
	Mr Harvey D. Blackburn (United States of America)
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