



منظمة الأغذية  
والزراعة  
للأمم المتحدة

联合国  
粮食及  
农业组织

Food  
and  
Agriculture  
Organization  
of  
the  
United  
Nations

Organisation  
des  
Nations  
Unies  
pour  
l'alimentation  
et  
l'agriculture

Продовольственная и  
сельскохозяйственная  
организация  
Объединенных  
Наций

Organización  
de las  
Naciones  
Unidas  
para la  
Agricultura  
y la  
Alimentación

**Item 5.2 of the Provisional Agenda**

**COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

**Thirteenth Regular Session**

Rome, 18 – 22 July 2011

**REPORT OF THE SIXTH SESSION OF THE  
INTERGOVERNMENTAL TECHNICAL WORKING GROUP ON  
ANIMAL GENETIC RESOURCES**

**Rome, 24-26 November 2010**



---

***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**

The documents prepared for the Sixth Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture of the Commission on Genetic Resources for Food and Agriculture are available on the Internet at:

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

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Food and Agriculture Organization of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

All rights reserved. FAO encourages the reproduction and dissemination of material in this information product. Non-commercial uses will be authorized free of charge, upon request. Reproduction for resale or other commercial purposes, including educational purposes, may incur fees. Applications for permission to reproduce or disseminate FAO copyright materials, and all queries concerning rights and licences, should be addressed by e-mail to [copyright@fao.org](mailto:copyright@fao.org) or to the:

Chief, Publishing Policy and Support Branch  
Office of Knowledge Exchange, Research and Extension  
FAO  
Viale delle Terme di Caracalla  
00153 Rome, Italy

© FAO [2010]

---

## CONTENTS

		<b>Para</b>
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*.<sup>1</sup> It took note of the information documents, *Detailed FAO Progress Report on the implementation of the Global Plan of Action for Animal Genetic Resources*,<sup>2</sup> *Status and trends report on animal genetic resources – 2010*,<sup>3</sup> and *Current arrangements for existing national and multi-country storage systems for the conservation of animal genetic resources*.<sup>4</sup>

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;

---

<sup>1</sup> CGRFA/WG-AnGR-6/10/2

<sup>2</sup> CGRFA/WG-AnGR-6/10/Inf.2

<sup>3</sup> CGRFA/WG-AnGR-6/10/Inf.3

<sup>4</sup> 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*,<sup>5</sup> *Draft guidelines on phenotypic characterization*,<sup>6</sup> *Draft guidelines on molecular genetic characterization*,<sup>7</sup> *Draft guidelines on cryoconservation*,<sup>8</sup> and *Draft guidelines on development of the institutional frameworks for the management of animal genetic resources*.<sup>9</sup>

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

<sup>5</sup> CGRFA/WG-AnGR-6/10/Inf.5

<sup>6</sup> CGRFA/WG-AnGR-6/10/Inf.6

<sup>7</sup> CGRFA/WG-AnGR-6/10/Inf.7

<sup>8</sup> CGRFA/WG-AnGR-6/10/Inf.8

<sup>9</sup> 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.<sup>10</sup>

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 agriculture<sup>11</sup>, 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

---

<sup>10</sup> CGRFA/WG-AnGR-6/10/5

<sup>11</sup> 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*,<sup>12</sup> (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*.<sup>13</sup> 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.

<sup>12</sup> CGRFA/WG-AnGR-6/10/4

<sup>13</sup> 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*.<sup>14</sup> 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 decided not to recommend any modification to the processes and activities foreseen in the

---

<sup>14</sup> CGRFA/WG-AnGR-6/10/5

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

**MEMBERS OF THE WORKING GROUP  
MEMBRES DU GROUPE DE TRAVAIL  
MIEMBROS DEL GRUPO DE TRABAJO**

**BRAZIL - BRÉSIL - BRASIL**

Representative

Mr Arthur MARIANTE  
Leader of the Brazilian Platform  
of Genetic Resources  
Embrapa Cenargen  
C. Postal 02372  
CEP 70770-917  
Brasilia  
Phone: 005561 34484904  
Fax: 005561 33403624  
Email: mariante@cenargen.embrapa.br

Alternate(s)

Mr Fabio Coelho CORRÊA DE ARAÚJO  
Department of Production Systems  
and Sustainability  
Department of Agricultural and Cooperative  
Development  
Ministry of Agriculture  
Esplanada dos Ministérios  
CEP 70.043  
Brasilia  
Phone: 0061 32182541  
Fax: 0061 32235350  
Email: fabio.araujo@agricultura.gov.br

Mr Fabiano SOARES  
Attaché  
Permanent Representative to FAO  
Via di Parione, 44  
00186 Rome  
Phone: 0039 0668307576  
Fax: 0039 0668398802  
Email: fabianosoaes@brafao.org

**CAMEROON - CAMEROUN - CAMERÚN**

Représentant

M. Vitalis R. MOLEBUIN CHEPNDA  
Cordonnateur national  
Gestion des ressources zoogénétiques  
Ministère de l'élevage, des pêches et  
des industries animales  
Yaoundé  
Phone: 00237 99003722  
Fax: 00237 22316047  
Email: drchepnda@yahoo.co.uk

Suppléant(s)

M. MOUNGUI MÉDI  
Deuxième Conseiller  
Ambassade de la République du Cameroun  
Via Siracusa, 4-6  
00161 Rome  
Phone: 0039 0644291285  
Fax: 0039 0644291323  
Email: info@cameroonembassy.it

**CANADA - CANADÁ**

Representative

Mr Ken RICHARDS  
Research Manager  
Canadian Genetic Resources Program  
Saskatoon Research Center  
107 Science Place  
Saskatoon, Saskatchewan S7N 0X2  
Phone: 00306 9567641  
Fax: 00306 9567246  
Email: Ken.Richards@AGR.GC.CA

**CHILE - CHILI**

## Representante

Sra. Teresa AGUERO TEARE  
 Coordinadora Nacional de los Recursos  
 Genéticos Animales  
 Oficina de Estudios y Políticas Agrarias  
 ODEPA  
 Ministerio de Agricultura  
 Teatinos - 40 Piso 8  
 Santiago  
 Phone: 00562 3973039  
 Fax: 00562 3973044  
 Email: taguero@odepa.gob.cl

**CHINA - CHINE**

## Representative

Mr Hongjie Yang  
 Chief, Animal Genetic Resource Division  
 National Animal Husbandry Service  
 Ministry of Agriculture  
 Building No. 20, Maizidian Street  
 Chaoyang District  
 100026 Beijing  
 Phone: 00861 059194754  
 Fax: 0086 1059194611  
 Email: yanghj67@yahoo.com

## Alternate(s)

Ms Ming ZHANG  
 First Secretary  
 Permanent Representation to FAO  
 Via della Caffarella, 9  
 00179 Rome  
 Phone: 0039 0659193123  
 Fax: 0039 0659193130  
 Email: zhangming@agri.gov.cn

**COSTA RICA**

## Representante

Sra. Argerie CRUZ MENDEZ  
 Coordinadora Nacional de Recursos  
 Genéticos Animales del Instituto  
 Nacional de Innovación y Transferencia  
 en Tecnología Agropecuaria (INTA)  
 350 M Sur Teletica  
 Sabana Sur, San Jose  
 Phone: 00506 88825323  
 Fax: 00506 22328268  
 Email: argeriecruz@gmail.com

## Suplente(s)

Sr. Jorge REVOLLO  
 Representante Permanente Alternante ante la FAO  
 Ministro Consejero Encargado de Negocios  
 Misión Permanente de Costa Rica  
 Via G. B. Benedetti, 3  
 00197 Roma  
 Phone: 06 80660390  
 Fax: 06 80660390  
 Email: misfao@tiscali.it

## Sra. Greta PREDELLA

Asistente  
 Misión Permanente de Costa Rica ante  
 los Organismos de las Naciones Unidas en Roma  
 Via G. B. Benedetti, 3  
 00197 Roma  
 Phone: 06 80660390  
 Fax: 06 80660390  
 Email: [misfao2005@yahoo.it](mailto:misfao2005@yahoo.it)

**ETHIOPIA - ÉTHIOPIE - ETIOPIÁ**

## Representative

Mr Misikire Tessema LEMMA  
 National Coordinator for the SoW-AnGR  
 Animal Genetic Resources Conservation  
 and Utilization  
 Team Leader, NC to SoWoAnGR  
 Institute of Biodiversity Conservation (IBC)  
 P.O.Box 30726  
 Addis Abeba  
 Phone: 00251 166122 44  
 Fax: 251 16613722  
 Email: misikiretessema@yahoo.com

## Alternate(s)

Mr Frank BEGEMANN  
 Head of Information and Coordination  
 Centre for Biological Diversity (IBV)  
 Federal Office for Agriculture and Food (BLE)  
 Deichmanns Aue 29  
 53179 Bonn  
 Phone: 0049 22868453239  
 Fax: 0049 22868453787  
 Email: frank.begemann@ble.de

**IRAN (ISLAMIC REPUBLIC OF)**  
**IRAN (RÉPUBLIQUE ISLAMIQUE D')**  
**IRÁN (REPÚBLICA ISLÁMICA DEL)**

**FINLAND - FINLANDE - FINLANDIA**

## Representative

Mr Asko MAKI-TANILA  
 Professor  
 MTT Agrifood Research Finland  
 Biotechnology and Food Research  
 31600 Jokioinen  
 Phone: 00358 341883711  
 Fax: 00358 341883618  
 Email: asko.Maki-Tanila@mtt.fi

## Representative

Mr Javad J. SHAKHS TAVAKOLIAN J.  
 Ambassador  
 Republic of Iran to FAO  
 Via Aventina, 8  
 00153 Rome  
 Phone: 0039 065780334  
 Fax: 0039 065747636  
 Email: missiranfao@missiranfao.191.it

**GERMANY - ALLEMAGNE - ALEMANIA**

## Representative

Mr Jan Hendrik SCHNEIDER  
 Federal Ministry of Food, Agriculture  
 and Consumer Protection  
 Rochusstraße 1  
 53123 Bonn  
 Phone: 0049 2285293489  
 Email: janhendrik.schneider@bmelv.bund.de

## Alternate(s)

Mr Seyed Morteza S. ZAREI  
 Attaché  
 Permanent Representation of the Islamic  
 Republic of Iran to FAO  
 Via Aventina, 8  
 00153 Rome  
 Phone: 0039 065780334  
 Fax: 0039 065747636  
 Email: missiranfao@missiranfao.191.it

**JORDAN - JORDANIE - JORDANIA**

## Representative

Mr Khaleel I. Z. JAWASREH  
 Animal Breeding & Genetics  
 Director of Livestock & Range  
 land Research Directorate  
 National Centre for Agriculture,  
 Research and Extension (NCARE)  
 PO Box 639  
 Al-Baqá, 19381  
 Amman  
 Phone: 00962 6 4725071  
 Fax: 00962 6 4726099  
 Email: tamkhajaw@yahoo.com

**MONGOLIA - MONGOLIE**

## Representative

Ms Jigjidpurev SUKHBAATAR  
 National Coordinator for AnGR  
 National Centre for Livestock Gene Bank  
 Ministry of Food, Agriculture and  
 Light Industries  
 13381 Zasgiin Gazriin IX Bair,  
 Enkhtaivani Urgun Chuluu 16a,  
 Bayanzurkh Duureg  
 Ulaanbaatar  
 Phone: 00976 99898408  
 Fax: 00976 453121  
 Email: jigjid2001@yahoo.com

**NEPAL - NÉPAL**

## Representative

Mr Uday Chandra THAKUR  
 Programme Director  
 Directorate of Livestock Production  
 Department of Livestock Services  
 Hariharbhawan, Lalitpur  
 Lalitpur  
 Phone: 00977 1 5548356  
 Fax: 00977 1 5542016  
 Email: uday\_pipra@yahoo.com;  
 thakur.udaychandra@gmail.com

**NETHERLANDS - PAYS-BAS - PAÍSES BAJOS**

## Representative

Mr Sipke Joost HIEMSTRA  
 Head of Animal Genetic Resources and  
 National Coordinator  
 Centre for Genetic Resources,  
 The Netherland (CGN)  
 Wageningen UR  
 Edelhertweg 15  
 PO Box 65  
 8200 AB, Lelystad  
 Phone: 0031 320 238009  
 Fax: 0031 320 293591  
 Email: sipkejoost.hiemstra@wur.nl

**REPUBLIC OF KOREA**  
**RÉPUBLIQUE DE CORÉE**  
**REPÚBLICA DE COREA**

## Representative

Mr YongHee YOO  
 Director of Animal Genetic Resources  
 Station (AnGRS),  
 National Institute of Animal Science (NIAS)  
 Rural Development Administration (RDA)  
 San 4-1, Youngsan-ri, Unbong-eup  
 Namwon-si, Chonbuk 590-832  
 Phone: 0082 63 6203501  
 Fax: 0082 63 6203591  
 Email: yooyh@korea.kr

## Alternate(s)

Mr Changyeon CHO  
 Research Scientist  
 Animal Genetic Resources Station  
 National Institute of Animal Science  
 Rural Development Administration San 4-1  
 Youngsan-ri, Unbong-eup  
 Namwon-si 590-830  
 Phone: 0082 636203537  
 Fax: 0082 636203591  
 Email: bloodtype@korea.kr

Mr Poongyeon LEE  
 Research Scientist  
 Animal Genetic Resources Station  
 National Institute of Animal Science  
 Rural Development Administration  
 San 4-1, Youngsan-ri, Unbong-eup  
 Namwon-si, Chonbuk 590-832  
 Phone: 0082 636203522  
 Fax: 0082 636203594  
 Email: pylee@korea.kr

### SWITZERLAND - SUISSE - SUIZA

Représentant  
 Mme Catherine MARGUERAT  
 Coordonnateur Nationale  
 Collaboratrice Secteur des Produits  
 Animaux et de l'Élevage  
 Office Fédéral de l'Agriculture  
 Matthenhofstrasse, 5  
 3003 Berne  
 Phone: 0041 313223814  
 Fax: 0041 313222634  
 Email: catherine.marguerat@blw.admin.ch

Suppléant(s)  
 M. François PYTHOUD  
 Responsable du Secteur Agriculture  
 Durable Internationale  
 Office Fédéral de l'Agriculture  
 Mattenhofstrasse 5  
 3003 Berne  
 Phone: 0041 313234445  
 Fax: 0041 31222634  
 Email: francois.pythoud@blw.admin.ch

### THAILAND - THAÏLANDE - TAILANDIA

Representative  
 Ms Vanida KHUMNIRDPEATCH  
 Animal Scientist  
 Department of Livestock Development  
 Ministry of Agriculture  
 Phayathai, Bangkok 10400  
 Email: [vanidak@dld.go.th](mailto:vanidak@dld.go.th)  
 Phone: 0066 2 6534444 Ext. 3213  
 Fax: 0066 2 6534922

### TOGO

Représentant  
 M. Komla Batassé BATAWUI  
 Vice Président du Comité Consultatif  
 National des Ressources Génétiques Nationales  
 Directeur de l'Élevage  
 Vétérinaire Inspecteur Principal  
 B.P. 4041 Lomé  
 Phone: 00228 2216033/9092730  
 Fax: 00228 2217120  
 Email: dbatawui@yahoo.fr

Suppléant(s)  
 M. Bédibété BONFOH  
 Directeur du Centre de Recherche  
 Agronomique  
 Coordonnateur National des Ressources  
 Génétiques Animales  
 Institute des Recherche Agronomique  
 de la Savane Humide  
 B.P. 01 Anie

### TURKEY - TURQUIE - TURQUÍA

Representative  
 Ms A. Oya AKIN  
 National Coordinator Animal Genetic Resources  
 General Directorate of Agricultural Research  
 Ministry of Agriculture and Rural Affairs  
 P.O. Box 51  
 Yenimahalle  
 Ankara, 06171  
 Phone: 0090 3123157622 ext. 233  
 Fax: 0090 3123153448  
 Email: oakin@tagem.gov.tr

Alternate(s)  
 Ms Nermin AKSUMER  
 Research Officer  
 General Directorate of Agricultural Research  
 Ministry of Agriculture and Rural Affairs  
 P.O. box 51  
 Yenimahalle/Ankara 06171  
 Phone: 0090 3123157623 ext. 240  
 Fax: 0090 3123153448  
 Email: naksumer@tagem.gov.tr

**UNITED STATES OF AMERICA  
ÉTATS-UNIS D'AMÉRIQUE  
ESTADOS UNIDOS DE AMÉRICA**

Representative

Mr Harvey BLACKBURN  
Coordinator NAGP  
ARS-USDA  
1111 S. Mason Street  
Ft. Collins, CO 80521  
Phone: 00970 4953268  
Fax: 00970 2211427  
Email: [Harvey.Blackburn@ars.usda.gov](mailto:Harvey.Blackburn@ars.usda.gov)

**VENEZUELA (BOLIVARIAN REPUBLIC OF)  
VENEZUELA (RÉPUBLIQUE BOLIVARIENNE DU)  
VENEZUELA (REPÚBLICA BOLIVARIANA DE)**

Representante

Sr. Manuel Eduardo CLAROS OVIEDO.  
Segundo Secretario  
Representación Permanente ante la FAO  
Via G. Antonelli, 47  
00197 Roma  
Phone: 06 8081407  
Fax: 06 80690022  
Email: embavenefao@iol.it

**OBSERVERS FROM COUNTRIES MEMBERS OF THE COMMISSION  
OBSERVATEURS DE PAYS MEMBRES DE LA COMMISSION  
OBSERVADORES DE PAISES MIEMBROS DE LA COMISION**

**ALBANIA - ALBANIE**

## Representative

Mr Kristaq KUME  
National Coordinator  
Rue Abdyl Fresheri, Pall. 3/3  
Tirana  
Phone: 00355 682140737  
Fax: 0035542241403  
Email: [kkume@jcc-al.org](mailto:kkume@jcc-al.org)

Sra. María del Carmen SQUEFF  
Encargado de Negocios a.i.  
Representación Permanente ante la FAO  
Embajada de la República Argentina  
Piazza dell'Esquilino 2  
00185 Roma  
Phone: 0039 0648073345/48073333  
Fax: 0039 0648906984  
Email: [faoprarg1@interfree.it](mailto:faoprarg1@interfree.it)

**AUSTRIA - AUTRICHE**

## Representative

Ms Beate BERGER  
National Coordinator Animal  
Genetic Resources  
Institute for Organic Farming and  
Biodiversity of Farm Animals  
A 4601 Thalheim, Austrasse 10  
Phone: 0043 72424701122  
Fax: 0043 72424701115  
Email: [beate.berger@raumberg-gumpenstein.at](mailto:beate.berger@raumberg-gumpenstein.at)

**ALGERIA - ALGÉRIE - ARGELIA**

## Représentant

M. Mourad ABDELFETTAH  
Maitre de Recherche INRA Algeria  
Coordonnateur National AnGR  
Algiers  
Phone: 00213 21521281  
Email: [afmourad@hotmail.com](mailto:afmourad@hotmail.com)

**ARGENTINA - ARGENTINE**

## Representante

Sr. Carlos Alberto MEZZADRA  
Producción Agropecuaria  
Estación Experimental Agropecuaria  
Ruta 226 Km. 73.5  
C.C. 276 (7620)  
Balcarce, Buenos Aires  
Phone: 0054 2266439104  
Fax: 0054 22664391010  
Email: [cmezzadra@balcarce.inta.gov.ar](mailto:cmezzadra@balcarce.inta.gov.ar)

**BOLIVIA (PLURINATIONAL STATE OF)  
BOLIVIE (ÉTAT PLURINATIONAL DE)  
BOLIVIA (ESTADO PLURINACIONAL DE)**

## Representante

Sr. Celso AYALA VARGAS  
Director Nacional de Investigación INIAF  
Coordinador Nacional para los Recursos  
Zoogenéticos en Bolivia  
Av. Capitan Ravelo  
Edif. Excelciur No 2329  
AP 4793 La Paz  
Phone: 00591 22114455  
Fax: 00591 22441608  
Email: [celsoayalavargas@hotmail.com](mailto:celsoayalavargas@hotmail.com)  
[contacto@iniaf.gob.bo](mailto:contacto@iniaf.gob.bo)

**BURUNDI**

## Représentant

M. Eliakim HAKIZIMANA  
 Directeur de la Promotion des Productions  
 Animales  
 Ministère de l'Agriculture et de l'Élevage  
 Direction Générale de l'Élevage  
 B.P. 161 Giteca  
 Phone: 00257 79981718  
 Fax: 00257 22402133  
 Email: hanekim@yahoo.fr

**CROATIA - CROATIE - CROACIA**

## Representative

Mr Ante IVANKOVIC'  
 Faculty of Agronomy University of Zagreb  
 Department of Animal Production  
 Zagreb, Svetosimunska c. 25  
 Croatia  
 10 000 Zagreb  
 Phone: 0038 512393991  
 Fax: 0038 512393901  
 Email: aivankovic@agr.hr

**CYPRUS - CHYPRE - CHIPRE**

## Representative

Ms Christina PITTA  
 Alternate Permanent Representative  
 to FAO  
 Piazza Farnese, 44  
 00186 Rome  
 Phone: 0039 066865758  
 Fax: 0039 0668803756  
 Email: cpitta1472@gmail.com

**CZECH REPUBLIC  
 RÉPUBLIQUE TCHÈQUE  
 REPÚBLICA CHECA**

## Representative

Mr Jiri MUCHKA  
 Second Secretary  
 Embassy of Czech Republic  
 Via Dei Gracchi, 322  
 00192 Rome  
 Phone: 0039 06360957/ 58 / 59  
 Fax: 0039 063244466  
 Email: jiri\_muchka@mzv.cz

## Alternate(s)

Ms Vera MATLOVA  
 National Coordinator  
 Genetic Resources for Food and Agriculture  
 Institute of Animal Science  
 Pratelstvi 815  
 104 01 Prague  
 Email: matlova.vera@vuzv.cz

Mr Karel Jan STOLC  
 National Focal Point  
 Genetic RESources for Food and Agriculture  
 Ministry of Agriculture  
 Tanov 17  
 117 05 Prague  
 Email: Karel.Stolc@mze.cz

**DENMARK - DANEMARK – DINAMARCA**

## Representative

Mr Søren SKAFTE  
 Minister  
 Royal Danish Embassy  
 Via dei Monti Parioli, 50  
 00100 Rome  
 Phone: 0039 0636301582

**ESTONIA - ESTONIE**

## Representative

Ms Haldja VIINALASS  
 National Coordinator  
 Head of Office for Genetic Resources  
 of Veterinary and Food Board (VFB)  
 Kreutzwaldi 46  
 51006 Tartu  
 Phone: 00372 7313467 / 7422344  
 Fax: 00372 7422344  
 Email: haldja.viinalass@emu.ee

**FRANCE - FRANCIA**

## Représentant

M. Patrick CLERIN  
 Ministère de l'agriculture, de l'alimentation,  
 de la pêche, de la ruralité et de l'aménagement  
 du territoire  
 Direction générale des politiques agricole,  
 agroalimentaire et des territoires  
 Bureau du lait, des produits laitiers et  
 de la sélection animale  
 3 rue Barbet de Jouy  
 75349 07 SP  
 Paris  
 Phone: 0033 149554228  
 Fax: 0033 149554925  
 Email: patrick.clerin@agriculture.gouv.fr

## Suppléant(s)

Mme Eléonore CHARVOLIN-LEMAIRE  
 Chargée de Mission "Ressources  
 Génétiques Animales"  
 Fondation pour la recherche sur  
 la biodiversité (FRB)  
 195, Rue Saint-Jacques  
 75231 Paris Cedex 05  
 Email: eleonore.charvolin@fondationbiodiversite.fr

**GUATEMALA**

## Suplente(s)

Sra. Ileana RIVERA DE ANGOTTI  
 Ministro Consejero  
 Representante Permanente Adjunto ante la FAO  
 Embajada de la República de Guatemala  
 Via dei Colli della Farnesina, 128  
 00194 Roma

**GUINEA - GUINÉE**

## Représentant

M. Boubacar DIALLO  
 Cordonateur National RGA  
 Ministère de L'Elevage  
 BP. 559 Conakry  
 Phone: 00224 60294328  
 Email: boubacarbalaise@yahoo.fr

**HONDURAS**

## Representante

Ms Reina MAYRA  
 FAO Representative a.i.  
 Embassy of Honduras  
 Rome

**HUNGARY - HONGRIE - HUNGRÍA**

## Representative

Mr Tamás SZOBOLVSZKI  
 Counsellor National Coordinator of  
 Animal Genetic Resources  
 Ministry of Rural Development  
 Department for Agriculture  
 Kossuth tér 11  
 1055 Budapest  
 Phone: 0036 13014472  
 Fax: 0036 13014813  
 Email: tamas.szobolevszki@vm.gov.hu

**INDIA - INDE**

## Representative

Ms Swarnmala RAWLA  
 Joint Secretary  
 Department of Animal Husbandry,  
 Dairing and Fisheries  
 Ministry of Agriculture  
 Krishi Bhawan  
 New Delhi H1-110001  
 Phone: 009111 23382354  
 Fax: 009111 23386674  
 Email: ravalas@hotmail.com

**IRAQ**

## Representative

Ms Sahar A. A. AL-BAYATTI  
 Iraqi National Coordinator for Management  
 of Animal Genetic Resources  
 Head of Research and Improvements Sector,  
 Veterinary Diagnosis and Research Laboratory  
 Ministry of Agriculture  
 Al-Andalous Square  
 Baghdad  
 Phone: 00964 7708899649  
 Email: sahar\_albayatti@yahoo.com

**IRELAND - IRLANDE - IRLANDA**

## Representative

Mr Mark MAGUIRE  
 Agricultural Inspector  
 Department of Agriculture,  
 Fisheries and Food  
 Livestock Beef and Sheepmeat Division  
 Pavilion Arattan Business Park  
 Portlaoise, Co. Laois  
 Phone: 00353 578964455  
 Fax: 00353 578694382  
 Email: mark.maguire@agriculture.gov.ie

## Alternate(s)

Mr Jarlath O'CONNOR  
 Deputy Permanent Representative to FAO  
 Embassy of Ireland  
 Piazza di Campitelli , 3  
 00186 Roma  
 Phone: 0039 0669791215  
 Fax: 0039 0669791231  
 Email: [jarlath.oconnor@dfa.ie](mailto:jarlath.oconnor@dfa.ie)

**ITALY - ITALIE - ITALIA**

## Representative

Ms Martina FUCCI  
 Permanent Representation to FAO  
 Piazza Margana, 19  
 00186 Rome  
 Phone: 0039 066977961  
 Fax: 0039 0669779635  
 Email: [stage.ita.onu.rm@esteri.it](mailto:stage.ita.onu.rm@esteri.it)

## Alternate(s)

Ms Stefania REITANO  
 Minister for Agriculture, Food  
 and Forestry Policy  
 Ministry of Agriculture, Food  
 and Forestry Policy  
 Via XX Settembre, 20  
 00187 Rome  
 Phone: 0039 0646651 4824702

**JAPAN - JAPON - JAPÓN**

## Representative

Ms Fumiko YAGIHASHI  
 Section Chief  
 Research Promotion Division  
 Ministry of Agriculture, Forestry  
 and Fisheries  
 Phone: 0081 335027436  
 Fax: 0081 335932209  
 Email: [fumiko\\_yagihashi@nm.maff.go.jp](mailto:fumiko_yagihashi@nm.maff.go.jp)

**KENYA**

## Representative

Mr Cleopas OKORE  
Deputy Director of Livestock Production  
Ministry of Livestock Development  
P.O. Box 34188  
00100 Nairobi  
Phone: 00254 202722601  
Fax: 00254 20727701  
Email: okorecleopas@gmail.com

**KYRGYZSTAN**  
**KIRGHIZISTAN**  
**KIRGUISTÁN**

## Representative

Mr Rysbek APASOV  
National Coordinator AnGR  
Advisor of Minister  
Ministry of Agriculture  
720040, Bishkek  
Kievskaya Str. 96 "A"  
Phone: 00996 312623633  
Fax: 00996 312623632  
Email: invest@mail.ru

**LIBYAN ARAB JAMAHIRIYA**  
**JAMAHIRIYA ARABE LIBYENNE**  
**JAMAHIRIJA ÁRABE LIBIA**

## Representative

Mr Ahmed ABDALLA ABUBAKER  
Ministry of Agriculture  
Phone: 00218 2127592  
Email: abdallaaboubaker@yahoo.tri.lib.

## Alternate(s)

Mr Abdelati ALI ALZGELAI

Mr Mahmud SAWAN

Third Secretary  
Permanent Representation to FAO  
Via Giotto Dainelli, 38/b  
00139 Rome  
Phone: 0039 0632609854  
Fax: 0039 06 3225438  
Email: faoprlby@yahoo.com

**MALAYSIA - MALAISIE - MALASIA**

## Representative

Mr AZMAN MOHD SAAD  
Agriculture Attaché and Alternate  
Permanent Representative to FAO  
Embassy of Malaysia  
Via Nomentana, 297  
0162 Rome  
Phone: 0039 068415764/ 7026  
Fax: 0039 068555110  
Email: aa.rome@ambasciatamalaysia.it

## Alternate(s)

Mr AZHAR MOHD ISA  
Attaché and Alternate  
Permanent Representative  
Embassy of Malaysia  
Via Nomentana 297  
00162 Rome  
Phone: 0039 068417026/ 1339  
Fax: 0039 068555110  
Email: aaa.rome@ambasciatamalaysia.it

**MEXICO - MEXIQUE - MÉXICO**

## Representante

Sr. Adrián DE LA GARZA TIJERINA  
Presidente del Consejo Nacional  
de Recursos Genéticos  
Pecuarios y Presidente de la Unión  
Ganadera Regional de Nuevo León

Sr. Everardo GONZÁLEZ PADILLA  
 Coordinador General de Ganadería - México  
 Secretaría de Agricultura, Ganadería,  
 Desarrollo Rural, Pesca y Alimentación  
 (SAGARPA)  
 Municipio Libre, No. 377  
 Sta. Cruz Atoyac, Del. Benito Juárez  
 CP 03310  
 Phone: 0052 55 38711000 Ext. 33214  
 Email: ever.cgg@sagarpa.gob.mx;  
 ever@sagarpa.gob.mx

Sr. Arturo ENCISO SERRANO  
 Director de Servicios y Apoyos a la Producción  
 Secretaría de Agricultura, Ganadería,  
 Desarrollo Rural, Pesca y Alimentación  
 (SAGARPA)  
 Municipio Libre No. 377  
 Col. Sta. Cruz Atoyac  
 Del. Benito Juárez CP 03310  
 Phone: 0052 55 38711078  
 Email: dgg.genetica@sagarpa.gob.mx

#### MOZAMBIQUE

Representative  
 Ms Maria DA GLORIA TAELO  
 Animal Breeder  
 Directorate of Animal Studies  
 Av. Namaacha  
 PO Box 1410  
 Maputo  
 Phone: 00258 21720395/6 or 21475172  
 Fax: 00258 21720396 or 21724830/1

#### NIGER - NÍGER

Représentant  
 M. Malam Gadjimi ADAM KADE  
 Coordonnateur National pour les Ressources  
 Zoogénétiques  
 Ministère de l'Agriculture et de l'Élevage  
 MAG/EL-DGP/IA  
 B.P. 12091  
 Niamey  
 Phone: 00227 96532116  
 Email: agadjimi@yahoo.com

#### NORWAY - NORVÈGE - NORUEGA

Alternate(s)  
 Ms Nina H. SAETHER  
 Director  
 Norwegian Genetic Resource Centre  
 P.O. Box 115  
 N-1432 Ås  
 Phone: 0047 64949055  
 Fax: 0047 64948001  
 Email: nhs@skogoglandskap.no

#### OMAN - OMÁN

Representative  
 Mr Abdallah Salem AL-RAWAS  
 Chief of Livestock Research Station  
 Ministry of Agriculture  
 Muscat

Alternate(s)  
 Mr Rasmi MAHMOUD  
 Coordinator with the UN Agency in Rome  
 C/o Oman Embassy  
 Via della Camilluccia, 625  
 00133 Rome  
 Phone: 0039 0636300517  
 Fax: 0039 063296802

**PANAMA**

## Representante

Sr. Don Gerardo VEGA BERRIO  
 Alterno  
 Embajada de la República de Panamá  
 Piazza del Viminale, 5  
 00184 Roma

**PERU - PÉROU - PERÚ**

## Representante

Sr. Henry William VIVANCO-MACKIE  
 Asesor Tecnico de la Jefatura del INIA  
 Coordinador Nacional del Peru para los  
 Recursos Geneticos Animales  
 Instituto Nacional de Innovacion  
 Agraria del Peru (INIA)  
 Avenida la Molina 1981  
 Lima 12  
 Phone: 00511 3495616 anexo 250  
 Fax: 00511 3495964  
 Email: wvivanco@inia.gob.pe

## Suplente(s)

Sr. Manuel Antonio ALVAREZ ESPINAL  
 Consejero  
 Embajada de la República del Perú  
 Via Francesco Siacci, 2/B, int. 5  
 00197 Roma  
 Phone: 0039 0680691510/534  
 Fax: 0039 0680691777  
 Email: embperu@ambasciataperu.it

**POLAND - POLOGNE - POLONIA**

## Representative

Ms Hanna KOSTRZEWSKA  
 Head of Division  
 Ministry of Agriculture and  
 Rural Development  
 Department of Food Safety and Veterinary  
 30, Wspolna Street  
 00-930 Warszawa  
 Phone: 004822 6232509  
 Fax: 004822 6232105  
 Email: hanna.kostrzewska@minrol.gov.pl

## Alternate(s)

Ms Elzbieta MARTYNIUK  
 National Focal Point for Animal Genetic  
 Resources  
 National Research Institute of Animal  
 Production  
 30, Wspolna Street  
 00-930 Warszawa  
 Phone: 0048 226231714  
 Fax: 0048 226231056  
 Email: elzbieta.martyniuk@minrol.gov.pl

Ms Grazyna POLAK  
 National Focal Point for Animal Genetic  
 Resources  
 National Research Institute of Animal  
 Production  
 30, Wspolna Street  
 00-930 Warszawa  
 Phone: 0048 226231056/6231714  
 Fax: 0048 226231056  
 Email: grazyna.polak@minrol.gov.pl

**PORTUGAL**

## Representative

Sr. Luís GAMA  
 Instituto Nacional de Recursos Biológicos  
 Ministério da Agricultura  
 L-Inia Fonte Boa. 2005-048  
 Vale de Santarém  
 Phone: 00351 243767382  
 Fax: 351-243767307  
 Email: ltgama1@yahoo.com

**RWANDA**

## Représentant

M. Otto Vianney MUHINDA  
 Cordonnateur national  
 Gestion des ressources zoogénétiques  
 Ministère de l'agriculture et des ressources  
 animales  
 B.P. 804  
 Kigali  
 Phone: 00250 788501785  
 Email: ottovianney@yahoo.fr

**SAUDI ARABIA  
ARABIE SAOUDITE  
ARABIA SAUDITA**

Representative

Mr Mohammed Bin Hussein AL YOUSSEF  
Veterinary  
Animal Department  
Ministry of Agriculture  
Riyadh

**SLOVAKIA  
SLOVAQUIE  
ESLOVAQUIA**

Representative

Ms Denisa MEDVEDOVA  
Counsellor  
Embassy of the Slovak Republic  
Via dei Colli della Farnesina 144  
00135 Rome  
Phone: 0039 06 6715206  
Email: denisa.medvedova@mzv.sk

**SLOVENIA - SLOVÉNIE - ESLOVENIA**

Representative

Mr Drago KOMPAN  
Univerza v Ljubljani  
Biotehni ka fakulteta  
Oddelek za zootehniko Groblje 31230  
Domale  
Phone: 00 38613203865  
Fax: 00386 17241005  
Email: drago.kompan@bf.uni-lj.si

**SPAIN - ESPAGNE - ESPAÑA**

Representante

Sra. Maura LOPEZ DE AYALA  
Jefe de Sección Técnica  
SG Conservación de Recursos y  
Alimentación Animal MARM  
C/Alfonso XII 62, 1ª planta  
28071 Madrid  
Phone: 0091 3476628  
Fax: 0091 3476671  
Email: mlopez@marm.es

Suplente(s)

Sr. Alberto LOPEZ GARCIA-ASENJO  
Representante Permanente Adjunto  
de España ante la FAO  
Embajada de España  
Oficina de los Representantes Permanentes  
Largo dei Lombardi, 21  
00186 Roma  
Phone: 0039 066878762 / 6869539  
Fax: 0039 066873076  
Email: [ibertolopez@tiscali.it](mailto:ibertolopez@tiscali.it)  
[alopezga@hotmail.com](mailto:alopezga@hotmail.com)

**SURINAME**

Representative

Mr Gerald TJON A SAN  
National Coordinator Animal Genetic  
Resources  
Beef Sector  
Ministry of Agriculture, Animal  
Husbandry and Fisheries  
8 - 10 Letitia Vriesdelaan  
Phone: 00597 402359  
Fax: 00597 404407  
Email: g\_tjonasan@hotmail.com

**SWEDEN - SUÈDE - SUECIA**

## Representative

Ms Harriet F. REHN  
 Senior Administrative Officer  
 Ministry of Agriculture  
 The Animal and Food Division  
 SE-103 33 Stockholm  
 Phone: 0046 8405 3950  
 Fax: 0046 767760648  
 Email: harriet.falck-rehn@agriculture.ministry.se

## Alternate(s)

Ms Eva-Marie STALHAMMAR  
 Senior Administrative Officer  
 The Swedish Board of Agriculture  
 SE-551 82 JÖNKÖPING  
 Phone: 0046 36155822  
 Fax: 0046 36308182  
 Email:eva-marie.stalhammar@jordbruksverket.se

**TUNISIA - TUNISIE - TÚNEZ**

## Suppléant(s)

Mme Madame Hazar SASSI NEILI  
 Conseillère des Affaires Etrangères  
 Ambassade de Tunisie  
 Via Asmara, 7  
 Rome  
 Phone: 0039 068603060

**UGANDA - OUGANDA**

## Representative

Mr Daniel K. N. SEMAMBO  
 Executive Director  
 National Animal Genetic Resources  
 Centre and Data Bank (NAGRC&DB)  
 P. O. Box 183  
 Entebbe  
 Phone: 00256 414320831/00256 772421469  
 Fax: 00256 701810035  
 Email: [cattbrd@gmail.com](mailto:cattbrd@gmail.com)  
[cattbrd@imul.com](mailto:cattbrd@imul.com)

**UNITED KINGDOM  
ROYAUME-UNI  
REINO UNIDO**

## Representative

Ms Frances RADCLIFFE  
 National Coordinator and  
 Head of the TSE and Genetic Unit  
 Department of Environment, Food and  
 Rural Affairs  
 Area 5A 9 Millbank,  
 C/o Nobel House, 17 Smith Square  
 London SW1P 3JR  
 Phone: 00 442072386435  
 Email: frances.radcliffe@defra.gsi.gov.uk

**VIET NAM**

## Representative

Ms Thuy LE THI  
 Director of Science and Technology Division  
 of Livestock Institute under MURD  
 National Institute of Animal Husbandry  
 Ministry of Agriculture and Rural  
 Development  
 2 Ngoc Ha, Ba Dinh  
 Hanoi  
 Phone: 0084 438389770  
 Fax: 0084 438389775  
 Email: trangnga671@yahoo.com

**ZAMBIA - ZAMBIE**

## Representative

Mr Benson MWENYA  
 Deputy Director  
 Department of Livestock Development  
 Ministry of Livestock and Fisheries  
 Development  
 P.O Box 50060 Mulungushi House  
 Lusaka  
 Phone: 00260 1 250274  
 Fax: 00260 1 252608  
 Email: bensonmwenya@hotmail.com

## Alternate(s)

Ms Emma MALAWO  
Deputy Director of Policy and Planning  
Department  
Ministry of Livestock and Fisheries  
Development  
Mulungushi House  
P.O.Box 50060  
15100 Ridgeway  
Lusaka  
Phone: 003906 35006903  
Fax: 003906 97613035  
Email: zamrome@rdn.it

Mr Trevor SICHOMBO  
First Secretary  
Embassy of Zambia  
Via Ennio Quirino Visconti, 8  
00193 Rome  
Phone: 003906 35006903  
Fax: 003906 97613035  
Email: zamrome@rdn.it

Ms Kampamba MWANANSHIKU  
Chargé D'Affaires a.i.  
Embassy of the Republic of Zambia  
Via Ennio Quirino Visconti, 8  
00193 Rome  
Phone: 003906 35006903  
Fax: 003906 97613035  
Email: zamrome@rdn.it

**ZIMBABWE**

## Representative

Mr Joseph L. N. SIKOSANA  
Director of Animal and Pastures  
Research Division  
Ministry of Agriculture, Mechanisation  
and Irrigation Development  
Department of Research and Specialist  
Services  
PO Box CY 594 Causeway  
Harare  
Phone: 00263 47045319  
Fax: 00263 4731133  
Email: jlms6@yahoo.com

---

**OBSERVERS FROM COUNTRIES NOT MEMBERS OF THE COMMISSION  
OBSERVATEURS DE PAYS NE SIEGEANT PAS A LA COMMISSION  
OBSERVADORES DE PAISES QUE NO SON MIEMBROS DE LA COMISION**

**MONTENEGRO - MONTÉNÉGRO**

Ms Bozidarka MARKOVIC  
Professor  
Biotechnical Faculty  
Mihaila Lalica 1  
81000 Podgorica  
Phone: 00382 20268 441  
Fax: 382 20268432  
Email: bmarkovic@t-com.me

**OBSERVERS FROM INTERGOVERNMENTAL ORGANIZATIONS  
OBSERVATEURS DES ORGANISATIONS INTERGOUVERNEMENTALES  
OBSERVADORES DE LAS ORGANIZACIONES INTERGUBERNAMENTALES**

**ARAB CENTRE FOR THE STUDIES OF  
ARID ZONES AND DRY LANDS  
CENTRE ARABE POUR L'ÉTUDE DES  
ZONES ARIDES ET DES TERRES SÈCHES  
CENTRO ÁRABE PARA EL ESTUDIO  
DE LAS ZONAS Y TIERRAS ÁRIDAS**

Mr Abdulwali AL-AGHBARI  
Director of Animal Wealth Department  
Head of Animal Improvement and  
Inventory of Animal Genetic  
Resources Programs  
P. O. Box 2440  
Damascus  
Syria  
Phone: 0096 3115743087/5743039  
Fax: 0096 31157443063  
Email: al\_aghbari\_99@yahoo.com

**OBSERVERS FROM NON-GOVERNMENTAL ORGANIZATIONS  
OBSERVATEURS DES ORGANISATIONS NON GOUVERNEMENTALES  
OBSERVADORES DE LAS ORGANIZACIONES NON GUBERNAMENTALES**

**BIOVERSITY INTERNATIONAL**

Mr Adam DRUCKER  
Senior (Ecological) Economist  
Via Dei Tre Denari 472/a  
Maccarese 00057  
Rome  
Italy  
Phone: 0039 066118391  
Email: a.drucker@cgiar.org