



## International organization progress report on the implementation of the Global Plan of Action for Animal Genetic Resources 2007-2011

### 1. Contact information and mandate

Name and position of respondent	Department of External Relations (Maria Soledad Iglesias)
Name of organization	World Intellectual Property Organization (WIPO)
E-mail of organization	marisol.iglesias@wipo.int
Geographical coverage of your organization	global coverage

### 2. Animal species coverage of your organization

General livestock-related mandate	<input type="checkbox"/>
Large ruminants	<input type="checkbox"/>
Small ruminants	<input type="checkbox"/>
Pigs	<input type="checkbox"/>
Poultry	<input type="checkbox"/>
Rabbits & micro livestock	<input type="checkbox"/>
Camelidae	<input type="checkbox"/>
Equines	<input type="checkbox"/>

## Strategic Priority Area 1: Characterization, Inventory and Monitoring

1. Does your organization implement or support the implementation of projects or programmes on phenotypic characterization of animal genetic resources?

Yes

No

If yes, please provide details and specify the countries and species involved and whether you include characterization of production environments:

2. Does your organization implement or support the implementation of projects or programmes on molecular characterization of animal genetic resources?

Yes

No

If yes, please provide details and specify the countries and species involved:

3. Does your organization implement or support the implementation of projects or programmes for surveying the size and/or structure of animal genetic resources populations and monitoring population trends?

Yes

No

If yes, please provide details and specify the countries and species involved:

4. Does your organization implement or support the implementation of projects or programmes for identifying and monitoring threats to animal genetic resources?

Yes

No

If yes, please provide details and specify the countries and species involved:

5. Does your organization support countries in the development of early warning and response systems for animal genetic resources?

Yes

No

If yes, please provide details and specify the countries and species involved:

**6. Is your organization involved in research and development on methods, technical standards or protocols for phenotypic or molecular characterization, surveying and monitoring of population size or threats to animal genetic resources, or breed evaluation, valuation and comparison?**

**Phenotypic characterization**

Yes

No

**Molecular characterization**

Yes

No

**Surveying and monitoring**

Yes

No

**If yes, participatory monitoring**

Yes

No

**Breed evaluation or comparison**

Yes

No

**Economic valuation**

Yes

No

Please provide details:

The WIPO ongoing patent landscaping project on animal genetic resources aims to identify the trends in innovation and patenting activity in a number of selected breeds over time and in various geographical areas. That data can assist monitoring and comparison among the breeds and the trends in various geographies, while the combination of various inventories can lead to best practices while searching for animal genetic resources-related data.

**7. Has your organization identified major obstacles to inventory, characterization and monitoring of animal genetic resources in all or part of your mandate area or species coverage?**

Yes

No

If yes, please list them being as specific as possible regarding geographical area / species:

**8. What are the priority measures that need to be taken to address these obstacles?**

**9. Please describe any additional activities relevant to the implementation of Strategic Priority Area 1: Characterization, inventory and monitoring of trends and associated risks.**

## Strategic Priority Area 2: Sustainable Use and Development

**1. Does your organization support countries in developing, reviewing or adjusting their national policies affecting the sustainable use of animal genetic resources?**

Yes

No

If yes, please provide details and specify the countries and species involved:

The ongoing WIPO patent landscape report on animal genetic resources can be used as a tool by FAO stakeholders in order to develop, review or adjust their national policies, depending on the findings of the report and the country needs.

**2. Does your organization promote agro-ecosystem approaches?**

Yes

No

If yes, please provide details:

**3. Does your organization contribute to the planning or implementation of strategic breeding programmes?**

**Mainstream breeds**

Yes

No

**Under-utilized breeds**

Yes

No

If yes, please provide details (including the breeds involved) being as specific as possible:

**4. Does your organization contribute to the development of recording systems or organizational structures for breeding programmes?**

Yes

No

If yes, please provide details (including the breeds involved) being as specific as possible:

**5. If the projects and programmes that your organization implements or supports involve the use of exotic breeds, have any assessments been made of the long-term impacts of the use of exotic breeds on animal genetic resource diversity, livelihoods and/or food security in the affected countries and production systems?**

Yes

No

No projects or programmes involving exotic breeds

If yes, please provide details:

**6. Has your organization implemented or supported the implementation of animal genetic resources-related projects that aim at achieving sustainable intensification of production?**

Yes

No

If yes, please provide details and specify the countries and animal genetic resources involved:

**7. Does your organization contribute to the development of mechanisms for facilitating interactions among stakeholders, scientific disciplines and sectors as part of planning for sustainable use development of animal genetic resources?**

Yes

No

If yes, please provide details and specify the countries or regions involved:

The data stemming from the ongoing WIPO patent landscape report on animal genetic resources may facilitate interactions among stakeholders, the research and development (R&D) community and academia, as it identifies where research and innovation take place (research institutes, university faculties, etc.) while identifying innovation trends in a given area and globally. By combining this information, cooperation partners can be identified and collaboration among the various entities fostered.

**8. Do your organization's activities contribute to improving farmers' and livestock keepers' knowledge of animal genetic resources from various sources?**

Yes

No

If yes, please provide details and specify the countries and types of animal genetic resources involved:

The information contained in the ongoing WIPO patent landscape report will provide information related to breeds, related areas of technology and geographical areas where innovation takes place. The report aims at facilitating access to patent-related knowledge and dissemination of relevant information to all interested parties based on patent data and complemented by other data.

**9. Do your organization's activities contribute to improving farmers' and livestock keepers' access to animal genetic resources from various sources?**

Yes

No

If yes, please provide details and specify the countries and types of animal genetic resources involved:

**10. Does your organization contribute to the development of agreements for equitable sharing of benefits arising from access to and use and development of, animal genetic resources?**

Yes

No

If yes, please provide details:

WIPO is dealing with intellectual property (IP) issues associated with genetic resources in general, not specifically animal genetic resources. Negotiations are currently underway in the WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore (IGC) towards the development of an international legal instrument (or instruments) for the effective "protection" of genetic resources.

To provide guidance on the IP aspects of mutually agreed terms for fair and equitable benefit-sharing (related to genetic resources), WIPO has developed, and regularly updates, an online database of relevant contractual practices, and has prepared draft guidelines on IP clauses in access and benefit-sharing agreements. WIPO has also prepared a set of case studies related to IP and genetic resources and a technical study on the disclosure requirement proposal.

**11. Does your organization contribute to efforts to preserve and respect indigenous or local production systems and associated traditional knowledge and practices related to animal genetic resources?**

Yes

No

If yes, please provide details:

WIPO is dealing with intellectual property issues associated with genetic resources in general, not specifically animal genetic resources. Negotiations are currently underway in the WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore (IGC) towards the development of an international legal instrument (or instruments) for the effective "protection" of genetic resources.

**12. Does your organization implement or support the implementation of projects that aim to promote the marketing of products from local breeds or local production systems?**

Yes

No

If yes, please provide details and specify the breeds and production systems involved:

WIPO provides technical assistance and capacity building support to actions by governments and institutions to help farmers to add value to their agro/farming-related businesses using branding and intellectual property tools.

**13. Has your organization identified obstacles to enhancing the sustainable use and development of animal genetic resources?**

Yes

No

If yes, please provide details:

**14. What are the priority measures that need to be taken to address these obstacles?**

**15. Does your organization provide, or support the provision of, training or technical support programmes for animal breeding activities in pastoralist and farming communities?**

Yes

No

If yes, please provide details:

16. Has your organization identified priorities for future training or support programmes to enhance the use and development of available animal genetic resources?

Yes

No

If yes, please provide details of the priority activities, being as specific as possible:

17. Please describe any additional activities relevant to the implementation of Strategic Priority Area 2: Sustainable use and development.

### Strategic Priority Area 3: Conservation

1. Is erosion of animal genetic resources occurring in any of the countries or regions in which your organization is active?

Yes

No

Do not know

If yes, please describe. Please be as specific as possible and indicate which factors or drivers affect which species in which countries or regions:

2. Does your organization support the establishment of emergency response systems that provide for immediate action to maintain threatened breeds?

Yes

No

If yes, please provide details:

3. Does your organization take or support actions to protect breeds and populations that are at risk from natural or human-induced disasters?

Yes

No



If yes, please provide details:

4. From your organizational point of view, how would you judge the state of conservation policies for animal genetic resources in the countries and regions in which you operate?

5. What types of conservation measures for animal genetic resources does your organization implement or support the implementation of?

None

*In situ*

*Ex situ – in vivo*

*Ex situ – in vitro*

Please provide details, and specify the countries and animal genetic resources involved:

6. If your organization maintains *ex situ* collections of animal genetic resources, could you please provide further information on these collections?

7. Is your organization conducting research to further develop methods and technologies for *in situ* or *ex situ* conservation of animal genetic resources?

Yes

No

If yes, please briefly describe the research:

8. Has your organization identified major obstacles to enhancing the conservation of animal genetic resources?

Yes

No

If yes, please provide details:

9. What are the priority measures that need to be taken to address these obstacles?

10. From your organizational point of view, what are the priority requirements for enhancing conservation measures for animal genetic resources in the countries and regions in which you operate? Please list the requirements, being as specific as possible:

11. Please describe any additional activities relevant to the implementation of Strategic Priority Area 3: Conservation.

## Strategic Priority Area 4: Policies, Institutions and Capacity-building

1. Does your organization support or facilitate the establishment of institutional frameworks for planning and implementing animal genetic resources programmes?

Yes

No

If yes, please provide details and specify the countries or regions involved:

The data provided by the WIPO patent landscape report on animal genetic resources, which is under preparation, can help to facilitate relevant discussions and policy-making.

2. Does your organization support countries in formulating or implementing national strategies and action plans for animal genetic resources?

Yes

No

If yes, please provide details and specify the countries involved:

3. Does your organization contribute to the development of regulatory frameworks or legislation for animal genetic resources?

Yes

No

If yes, please provide details and specify the countries or regions involved:

WIPO is dealing with intellectual property issues associated with genetic resources in general, not specifically animal genetic resources. Negotiations are currently underway in the WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore (IGC) towards the development of an international legal instrument (or instruments) for the effective “protection” of genetic resources.

To provide guidance on the IP aspects of mutually agreed terms for fair and equitable benefit-sharing (related to genetic resources), WIPO has developed, and regularly updates, an online database of relevant contractual practices, and has prepared draft guidelines on IP clauses in access and benefit-sharing agreements.

**4. Does your organization have a database or information system for animal genetic resources-related data?**

Yes

No

If yes, please describe the purpose and contents of the system and, if relevant, how frequently data are updated:

WIPO PATENTSCOPE is a patent database including animal genetic resources data. Furthermore, the International Patent Classification (IPC) includes some related codification of this data.

**5. Does your organization have collaborative links to other stakeholders involved in the management of animal genetic resources (e.g. the breeding industry, livestock keepers, government agencies, research institutes and civil society organizations)?**

Yes

No

If yes, please provide details:

**6. Does your organization cooperate with breeders' organizations?**

Yes

No

If yes, please provide details:

**7. Has your organization supported the establishment or strengthening of community-based organizations, networks or initiatives for sustainable use, breeding or conservation?**

Yes

No

If yes, please provide details:

**8. Does your organization implement or support the implementation of training or capacity-building programmes for animal genetic resources management?**

Yes

No

If yes, please provide details and specify countries involved:

Upon request, WIPO can provide training on access to patent information (included in patent databases). The information retrieved through patent searches can support animal genetic resources management.

**9. Has your organization identified priorities for future animal genetic resources-related capacity-building and education?**

Yes

No

If yes, please provide details:

**10. Does your organization implement or support the implementation of programmes to increase public awareness of the roles and values of animal genetic resources?**

Yes

No

If yes, please provide details:

**11. Please describe any additional activities relevant to the implementation of Strategic Priority Area 4: Policies, institutions and capacity-building.**

WIPO is dealing with intellectual property (IP) issues associated with genetic resources in general, not specifically animal genetic resources.

Negotiations are currently underway in the WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore (IGC) towards the development of an international legal instrument (or instruments) for the effective "protection" of genetic resources.

To provide guidance on the IP aspects of mutually agreed terms for fair and equitable benefit-sharing (related to genetic resources), WIPO has developed, and regularly updates, an online database of relevant contractual practices, and has prepared draft guidelines on IP clauses in access and benefit-sharing agreements. WIPO has also prepared a set of case studies related to IP and genetic resources and a technical study on the disclosure requirement proposal.

## Implementation and Financing of Global Plan of Action for Animal Genetic Resources

**1. Has your organization's budget for activities supporting the implementation of the Global Plan of Action and animal genetic resources programmes increased since the plan's adoption in September 2007?**

Yes

No

Please provide details:

**2. Has your organization contributed to the establishment or strengthening of international research and/or education programmes to assist developing countries or countries with economies in transition to better manage animal genetic resources?**

Yes

No

If yes, please provide details:

**3. Has your organization contributed to the establishment or strengthening of international programmes to assist developing countries or countries with economies in transition to obtain training and technologies or develop information systems related to animal genetic resources?**

Yes

No

If yes, please provide details:

WIPO is providing general training on the use of patent information and supporting developing countries' access to patent databases and scientific journals/publications (WIPO ARDI and ASPI programs). The databases do include information related to animal genetic resources, but there is no concrete section on this specific matter.

**4. Has your organization provided funding to countries for the implementation of the Global Plan of Action for Animal Genetic Resources?**

Yes

No

If yes, please provide details and specify the countries involved:

**5. Has your organization contributed to establishing or strengthening international collaboration with regard to:**

**Characterization of animal genetic resources**

Yes

No

**Use and development of animal genetic resources**

Yes

No

**Conservation of transboundary breeds**

Yes

No

Please provide details and specify the countries involved:

**6. Does your organization collaborate with national or international non-governmental organizations (NGOs) in the fields of:**

**Characterization**

Yes

No

**Sustainable intensification**

Yes

No

**Conservation of breeds at risk**

Yes

No

Please provide details and specify the countries involved:

**7. Please describe any additional activities relevant to the implementation and financing of the Global Plan of Action for Animal Genetic Resources:**