



International organization progress report on the implementation of the Global Plan of Action for Animal Genetic Resources 2007-2013

1. Contact information and mandate

Name and position of respondent	Ms. Marisol Iglesias-Vega
Name of organization	World Intellectual Property Organization (WIPO)
E-mail of organization	marisol.iglesias@wipo.int
Geographical coverage of your organization	Global

2. Animal species coverage of your organization

General livestock-related mandate	<input checked="" 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:

The findings of the ongoing Patent Landscape Report on Animal Genetic Resources will provide some information on the research and patenting trends in specific animal species and breeds, reflecting.

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:

WIPO does not interpret the outcomes of the Patent Landscape Report, nevertheless this information is being put at the disposal of FAO and its stakeholders to have a better understanding of the animal genetic resources area, providing the IP perspective, with the research trends in various geographical areas, from various actors active in the area of animal genetic resources, across various species and breeds and specific areas of technology they are addressing.

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:

Indications or conclusions relevant to economic valuation of certain breeds/animal genetic resources can be drawn, since patenting activity reflects an economic value and perspective that is seen in the area of technology, geography and breed the patent protection is sought in.

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:

The exercise of identifying animal genetic resources and species in patent document during the preparation of the Patent Landscape Report on animal genetic resources was not straightforward and the problems were mainly related to very broad wording of the patent applications, along with the patent classification codes, that are only to a certain extent useful.

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:

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 Patent Landscape Report on Animal Genetic Resources presents and analyzes data based on patent documents and presents them in a way that is appropriate for non-experts in IP, patent information or in the subject matter, facilitating the interdisciplinary discussions in the area of animal genetic resources.

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 Patent Landscape Report on Animal Genetic Resources aims among others to inform all interested stakeholders about the available technologies and the use they are intended for in animal genetic resources, based on patent document 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:

Note: A number of countries have enacted domestic legislation putting into effect the CBD obligations that access to a country's genetic resources should depend on securing that country's prior informed consent and agreeing to fair and equitable benefit-sharing. WIPO members are considering whether, and to what extent, the intellectual property system should be used to support and implement these obligations. Many, but not all, WIPO members want to make it mandatory for patent applications to show the source or origin of genetic resources, as well as evidence of prior informed consent and a benefit sharing agreement.

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, traditional knowledge and traditional cultural expressions. 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 biodiversity-related access and benefit-sharing agreements. WIPO has also prepared draft IP guidelines for access to genetic resources and equitable sharing of the benefits arising from their utilization.

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 (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, traditional knowledge and traditional cultural expressions.

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:

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?

In situ

- Yes
No

Ex situ in vivo

- Yes
No

Ex situ in vitro

- Yes
No

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:

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 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, traditional knowledge and traditional cultural expressions.

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:

There is a database based on the Patent Landscape Reports patent documents which have been identified as relevant for the purposes of the Patent Landscape Report, in collaboration with FAO.

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:

For example, the International Livestock Research Institute (ILRI), the African Agricultural Technology Foundation (AATF) and other research institutes.

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:

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.

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:

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:

The Patent Landscape Report on Animal Genetic Resources aims to identify how animal genetic resources are being used in research, what they address and which breeds they refer to. This type of data can support international dialogue and contribute to the establishment of international cooperation by identifying areas of common interest.

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: