



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	Dr. David Coates
Name of organization	Secretariat of the Convention on Biological Diversity
E-mail of organization	secretariat@cbd.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 checked="" type="checkbox"/>
Small ruminants	<input checked="" type="checkbox"/>
Pigs	<input checked="" type="checkbox"/>
Poultry	<input checked="" type="checkbox"/>
Rabbits & micro livestock	<input checked="" type="checkbox"/>
Camelidae	<input checked="" type="checkbox"/>
Equines	<input checked="" 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:

Yes - Global. But indirectly through support for the Global Taxonomy Initiative of the CBD

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:

Yes - global. But indirectly through support for the Global Taxonomy Initiative of the CBD

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:

Global. As part of ongoing measures to monitor biodiversity in general.

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:

Global. All relevant species. Through monitoring programmes for the Strategic Plan for Biodiversity and the Aichi Biodiversity Targets - particularly Target 13.

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:

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.

We support Strategic Priority Area 1 indirectly, through monitoring programmes for the Strategic Plan for Biodiversity and the Aichi Biodiversity Targets - particularly Target 13.

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:

Global. Through supporting national biodiversity strategies and action plans.

2. Does your organization promote agro-ecosystem approaches?

Yes

No

If yes, please provide details:

Through the CBD programme of work on agricultural biodiversity, the ecosystem approach and the Strategic Plan for Biodiversity and the Aichi Biodiversity Targets.

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:

We do not promote "exotic breeds" as such but are involved in work on policies for, monitoring and assessing impacts of invasive alien species.

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:

Globally. Mainly through promoting the role of biodiversity in underpinning sustainable intensification including genetic diversity of crops and livestock, soil biodiversity and pollinators.

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:

Globally. Mainly through partnerships with key stakeholder organisations and promoting improved mechanisms at national level (e.g. through NBSAPs).

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:

Globally. Indirectly, through strengthening national policies and the work of relevant international organisations.

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:

Globally. All relevant resources. Particularly through development of mechanisms under the Nagoya Protocol on Access and Benefit Sharing.

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:

Primarily through the Nagoya Protocol on ABS. Also through supporting the ITPGRFA.

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:

Through work of the CBD regarding Article 8j and related provisions.

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:

Globally. All breeds and production systems. But indirectly, e.g. through the International Initiative for Biodiversity for Food and Nutrition.

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

Yes

No

If yes, please provide details:

Obstacles are identified through previous reviews of implementation of the programme of work on agricultural biodiversity and more generally through reviews of obstacles to implementation of the Convention and the Strategic Plan for Biodiversity and the Aichi Biodiversity Targets - particularly Target 13.

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

Capacity building. Financing and incentives for sustainable use and development. Removal of perverse subsidies and incentives. Re-orienting trade measures to support sustainable use and development.

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:

Through capacity building programmes associated with NBSAPs.

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:

Probably most Parties (countries) as reported in periodic assessments - which are based largely on the FAO/CGRFA State of the World's GRFA assessments.

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?

Most of our knowledge is based on information coming through FAO/CGRFA and its assessments. Our assessment would be that (overall) conservation policies for GRFA are weak.

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:

Global. The CBD recognizes the priority is in-situ conservation and most of our activities support such an approach.

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:

Research in the sense of monitoring and assessing trends in biodiversity and identification of appropriate policy responses. Most of the scope of the CBD relates directly or in-directly to in-situ conservation.

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

Yes

No

If yes, please provide details:

As assessed through periodic assessments of the status and trends of biodiversity including obstacles. See for example periodic editions of the Global Biodiversity Outlook.

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

Capacity building. Financing and incentives for conservation. Removal of perverse subsidies and incentives. Re-orienting trade measures to support sustainable use and development.

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:

Capacity building. Financing and incentives for conservation. Removal of perverse subsidies and incentives. Re-orienting trade measures to support sustainable use and development.

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:

Globally. Mainly through NBSAPs.

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:

Globally. Mainly as a sub-set of NBSAPs

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:

Indirectly, for example through the Nagoya Protocol on ABS.

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:

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:

With most of the stakeholders at the level of international organisations.

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:

Mainly indirectly, through support provided under activities related to Article 8j and related provisions.

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:

Through outreach activities - e.g. the periodic Global Biodiversity Outlook.

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:

Largely indirectly through the support provided through the Global Taxonomy Initiative and work on invasive alien species.

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:

Largely through support for NBSAPs.

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:

Globally - regarding the role of biodiversity in sustainable intensification.

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

We have ongoing efforts to increase overall financial resources available through Parties for biodiversity in general.