



Food and Agriculture Organization
of the United Nations

Progress report for Regional Focal Points on the implementation of the Global Plan of Action for Animal Genetic Resources 2007-2019

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#4

COMPLETE

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Page 1: Introduction

Q1

Contact information and mandate

Name and position of respondent

Juan Vicente Delgado Bermejo. President

Name of organization

CONBIAND Net work. Asociación sobre la Conservación de la Biodiversidad de los Animales Domésticos Locales para el Desarrollo Rural Sostenible

Email of organization

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Email of respondent

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Geographic coverage of your organization

Latín Amerina, Iberian Peninsula, Italia, Alemania, Francia and USA

Q2

General livestock-related mandate

Animal species coverage of your organization (check all that apply)

Page 2: Strategic Priority Area 1: Characterization, Inventory and Monitoring

Q3

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

Yes,

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

Our organization gives support to local institutions of the 23 countries involved, to develop cooperative works in external characterization of the domestic populations. Several papers have been published in this respect and also some PhD have had this contents. The context involves almost all the domestic species including local mammals such as Guinea Pigs and Andinian Camelids

Q4

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

Yes,

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

Our organization has implemented several consortia for the international research of the domestic animals biodiversity. More than 20 high impacted papers have been published in this respects. The main contents affects to the partitioning the genetic diversity; genetics relationships; geoevolution, genetic characterization. Microsatellites and SNPs are the two tools employed in these researches which involve all the domestic species including ANdian Camelids and Guinea Pigs.

Q5

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,

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

In the same sense than before. Our organization catalized several demographic studied about concrete populations bejonging to several species. These researches has been at the country level and not as internatinal cooperation as the other matters.

Q6

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

No

Q7

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

No

Q8

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? (check all that apply)

Phenotypic characterization,

Molecular characterization,

Surveying and monitoring,

Participatory monitoring (if support is provided for monitoring)

Q9

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,

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

Ecuador, Panamá, Costa Rica, Colombia and Ecuador. In all the domestic specues.

Q10

If obstacles have been encountered, what are the priority measures that need to be taken to address these obstacles?

Funding. Cooperation among stakeholders; coordination of actions; official recognition of breeds and other local populations

Q11

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

Support to the formation of national networks and the international cooperation and transference. Also the stimulous of the formation in this subject is needed

Page 3: Strategic Priority Area 2: Sustainable Use and Development

Q12

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

Yes,

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

Panamá, Colombia, Costa Rica, Uruguay, Ecuador through a letter of agreements with FAO. Spain, Portugal, México through interactions with the Ministeries of Agriculture.

Q13

Does your organization promote agro-ecosystem approaches?

Yes,

If yes, please provide details::

Transiber is an integratyed network working on agroecology, specially in the context of the family production

Q14

Does your organization contribute to the planning or implementation of strategic breeding programmes? (check all that apply)

Mainstream breeds,

Under-utilized breeds,

Please provide details (including the breeds involved) being as specific as possible::

We count among our members with several quantitative geneticist developing breeding programs at the national levels. Most of then centered in locals breeds belonging to ruminants and horses

Q15

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

Yes,

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

Most of then centered in locals breeds belonging to ruminants and horses

Q16	No projects or programmes involving exotic breeds
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?	
Q17	No
Has your organization implemented or supported the implementation of animal genetic resources-related projects that aim at achieving sustainable intensification of production?	
Q18	Yes, If yes, please provide details and specify the countries or regions involved:: Every year we develop a General assembly, a Symposium facilitating the exchange of information among partners. Also we implement every year a farmer forum to stimulate the transference of the research results and to collect new demands for research. It involves the 23 countries integrated in our organization
Q19	Yes, If yes, please provide details and specify the countries and types of animal genetic resources involved:: We maintain an open web page and other spaces in social networks. Also we publish a scientific journal (AICA) and maintain links with other (Archivos de Zootecnia). We publish divulgative contents in farmers journals. Also we have published several books of biodiversity and its context description at the international level. Also we organize in our events seminars, round tables, and show cookings involving the local breeds and their products
Q20	No
Do your organization's activities contribute to improving farmers' and livestock keepers' access to animal genetic resources from various sources?	
Q21	No
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?	

Q22

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,

If yes, please provide details::

We count with an integrated network, call TRANSIBER dedicated to the family productions systems, and the autoconsum including cultural aspects of the tradition in animal production. ALSO we have another integrated network, GASTRIBER, dedicated to the resque of traditional dishes prepared with local population products. Also we have a sections in our events centered in these aspects, together wich the farmer poin of view checked in the farmer forum developed every year.

Q23

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,

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

We have a specifuic section specifically dedicated to these aspects. We work with milk, cheeses, honey, meat and traditional derivates, wool and skim from many breeds belonging to the national patrimony of the countries involved in our organization

Q24

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

Yes,

If yes, please provide details::

the most important obstacles are the funding of actions, the lack of formation, the social recognition, the isolation, the scientific unknowlence,

Q25

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

International cooperation among public and private stakeholders to improve the coordiantion, the cooperation the increasing of funding, the formation and the general recognition of the zoogenetic resources and their products

Q26

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

Yes,

If yes, please provide details::

We support the formation in this subject at several levels: Capacitation, specialization, graduate and postgraduate, including PhD.

Q27

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

Yes,

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

We are preparing a specific master in the University of Córdoba (Spain), and these contents are partially integrated in other posgraduate programs in several countries of our network

Q28

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

International cooperati3n and coordination among public and private organizations

Page 4: Strategic Priority Area 3: Conservation

Q29

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

Yes,

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

In most of the species the breeds are suffering inbreeding process because isolation and effective population size decreasing. Also they are receiving a hard pressure of migration because the introgression of foreign resources and cross breeding. Only Andinian Camilids are showing a different pattern. In these species Llama and Alpaca have a complete atomization of the breeding initiative which are destroying their productive efficiency. Vicuña and Guanaco have reproductive isolation and loss of census

Q30

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

No

Q31

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

No

Q32

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?

Neutral,

Please explain your answer::

It is heterogeneous. We have countries such Portugal, and Spain and other European countries where it is very positive. Some such Colombia, Brazil, Argentina, Uruguay and México where it is positive. While the others are between neutral and negative

Q33

What types of conservation measures for animal genetic resources does your organization implement or support the implementation of? (check all that apply)

In situ,

Ex situ in vivo,

Ex situ in vitro,

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

In all countries involved in our organization about all the domestic species including Andinian Camelids and Guinea Pigs.

Q34

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

The collections involve ruminants, horse and pigs. They are located in local germplasm banks sometimes regional, other national. Some of our members in México, Portugal, Spain, Panamá and Colombia have stored collections

Q35

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

Yes,

If yes, please briefly describe the research::

Ex situ: - improvement of the semen storage efficiency by using natural antioxidants. - Improvements of the on farm collection of semen and embryos - Vitrification - Management of germplasm banks In situ: - products valuation - improvement of the value chain - characterization of products - market studies

Q36

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

Yes,

If yes, please provide details::

Funding, formation, absence of national networks, coordination among stakeholders, formation, international cooperation

Q37

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

Improvement of the national cooperation among public and private organizations in order to increase the funding of actions of management, conservation plans and formation

Q38

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:

funding, coordination, formation, general valuation

Q39

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

stimulus of national and international networking

Page 5: Strategic Priority Area 4: Policies, Institutions and Capacity-building

Q40

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

Yes,

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

All the 23 countries integrated in our Network mainly belonging to or with interest in Latin America

Q41

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

Yes,

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

Panamá, Costa Rica, Ecuador, Colombia, Uruguay, Portugal and Spain

Q42

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

Yes,

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

Several of our integrants are consultants of the national government in the implementation of regulations.

Q43

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

No,

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

We use the DAD-IS facilities

Q44

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,

If yes, please provide details::

We have agreements with several farmers organizations, cooperatives and other sectorial structures. We are consultants of governmental institutions. Also we cooperate in the scientific level with other institutions at the international level such as RBI, SAVE, etc.

Q45

Does your organization cooperate with breeders' organizations?

Yes,

If yes, please provide details::

We have among our activities a farmer forum developing yearly in our international events. We have agreements with many breeders associations and federations

Q46

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

Yes,

If yes, please provide details::

We have integrated in our net work initiatives such as Transiber, dedicated to the agroecology of the family production and autoconsum. ALso Gastriver dedicated to the resque and valuation of the traditional local farm animals products thorough the their use in gastronomy

Q47

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

Yes,

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

It affects the 23 countries involved. We have a large tradicion in the development of courses of specialization in several Universities and scientific institution in the context. Now we are implementing an specific University Master on conservation of the zoogenetic resources with agroalimentary interest. ALso we have a sppecific line of research in the PhD program of Natural Resources in the University of Córdoba. Several other posgraduate and pregraduate programs in agriculture in our context, count with specific subjects on conservation. Presently, we have developed more than 30 PhDs in this contexts in the university centres involved uin the network

Q48

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

Yes,

If yes, please provide details::

Generalization of the use of the new technologies (Genomis, Reproductions, social networks, etc)

Q49

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

Yes,

If yes, please provide details::

through the implementations of publications and the intervention in public dissemination in news papers, TV, and social networks

Q50

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

none

Q51

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,

Please provide details::

For some of them, such as formation and development of international cooperative research projects

Q52

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,

If yes, please provide details::

By mean of cooperative projects; training courses, and general sensitization in all the contents of our network animal and traditional management systems conservation and improvement; Social and ecological impacts of the zoogenetic resources and traditional management systems; Products characterization and valuation

Q53

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,

If yes, please provide details::

It is one of our essential contents. Our own existence is an actions in this way

Q54

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

No

Q55

Has your organization contributed to establishing or strengthening international collaboration with regard to: (check all that apply)

Characterization of animal genetic resources,

Use and development of animal genetic resources,

Please provide details and specify the countries involved::

Our networks has established links amok institutions to develop international cooperative actions of conservation, research and formation

Q56

Does your organization collaborate with national or international non-governmental organizations (NGOs) in the fields of: (check all that apply)

Characterization,

Conservation of breeds at risk,

Please provide details and specify the countries involved::

RBI, SAVE, SERGA, SPREGA, AMC, RBST,

Q57

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

coordination and cooperation; valuation of breeds and products, definition of local products in respect the industrial ones
