



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	ANDREA ROSATI, SECRETARY GENERAL
Name of organization	EAAP FEDERATION OF ANIMAL SCIENCE
E-mail of organization	rosati@eaap.org
Geographical coverage of your organization	EUROPE AND SOUTH MEDITERRANEAN

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 type="checkbox"/>
Rabbits & micro livestock	<input 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:

GLOBALDIV - AGRI GEN RES action 067 co-funded by the European Commission, Directorate-General for Agriculture and Rural Development. Globaldiv's main objective was to gather international experts from different fields related to the characterization of FAnGR to review the main drivers of biodiversity loss and the main strategies for FAnGR conservation. Globaldiv has achieved all planned objectives. As results, the project constructed a world-wide network 35 experienced scientists, from Europe, and 5 International Organizations ILRI (International Livestock Research Institute), FAO (Food and Agriculture Organization), EAAP (European Association of Animal Science), International Atomic Energy Agency (IAEA) and WAAP (World Association of Animal Production) have collaborated in the analysis of the present critical situation of FAnGR and the study of current technologies and socio-economic measures available, with the aim of indicating new and better ways to achieve sustainable diversity conservation with the limited resources available. Experts have met in nine working groups (WGs) focusing on:

- a) the characterization of diversity;
 - b) the meta analysis of existing molecular datasets;
 - c) the socio-economic aspects of conservation and
 - d) the integration of genetic, environmental and socio-economic information and the setting of conservation priorities.
- Finally, WG participants defined recommendations for future research needs.

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:

Activities and programmes of the EAAP Annual Meetings include themes and research papers on molecular characterisation.

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:

Included into programs and activities of the EAAP WG AnGR

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:

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:

Through programs and activities of the WG AnGR, Annual Meetings, publication of research results, dissemination of information, exchange of experience within the region - EAAP area - and globally.

2. Does your organization promote agro-ecosystem approaches?

Yes

No

If yes, please provide details:

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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:

Mainly through programs of Annual Meetings and symposia: 2008 - session on AnGR, 2009 - session on the future of local breeds, farming systems and products, 2010 - robust cattle, 2011 - protected products and AnGR (Mediterranean symposium), 2012 - conservation of dog breeds and horse genetic resources in Central Europe.

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:

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:

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:

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:

Intensification of production and use of industrial breeds and lines.

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?

In European EAAP member countries there are operational and well structured national conservation programs and, partly, efforts to utilise local AnGR as a base for maintaining rural areas populated and economic viable. Conservation programs lack regional coordination that would increase efficiency and reduce costs. Budgetary austerity as applied in all countries jeopardise future financial support.

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:

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:

The EAAP implemented two EU funded projects - EFABIS net - An integrated network of decentralized country biodiversity and genebank databases and EFABIS - A European Farm Animal Biodiversity Information System. Data are regularly 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:

Dissemination of information and cooperation with international organizations involved in breeding.

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:

GLOBALDIV Project included a number of training activities.

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:

Themes of Annual Meetings and dissemination of information.

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:

IDEM

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