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	منظمة الأغذية والزراعة للأمم المتحدة	联合国 粮食及 农业组织	Food and Agriculture Organization of the United Nations	Organisation des Nations Unies pour l'alimentation et l'agriculture	Продовольственная и сельскохозяйственная организация Объединенных Наций	Organización de las Naciones Unidas para la Agricultura y la Alimentación
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Item 5.1 of the Provisional Agenda

COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

Twelfth Regular Session

Rome, 19-23 October 2009

QUESTIONNAIRE TO SUPPORT THE PREPARATION OF COUNTRY PROGRESS REPORTS ON THE IMPLEMENTATION OF THE *GLOBAL PLAN OF ACTION FOR ANIMAL GENETIC RESOURCES*

At its Fifth Session, the Intergovernmental Technical Working Group on Animal Genetics Resources for Food and Agriculture (Working Group) recommended that the Commission on Genetic Resources for Food and Agriculture stress the need for Country Progress Reports to be prepared using a streamlined standard questionnaire distributed through DAD-IS and other means, to provide a common reporting format that would enable preparation of FAO Synthesis Reports. The Working Group reviewed a draft questionnaire prepared by FAO, and agreed to provide comments on it by 1 April 2009, in order for FAO to make the questionnaire available to the Commission as an information document. The questionnaire provided in this document incorporates comments received from Finland, Germany, Sweden and Turkey and is intended to provide a common basis for reporting on progress in the implementation of the *Global Plan of Action* at country level.

Questionnaire to support preparation of Country Progress Reports on the implementation of the *Global Plan of Action*

STRATEGIC PRIORITY AREA 1: CHARACTERIZATION, INVENTORY AND MONITORING OF TRENDS AND ASSOCIATED RISKS

Core indicators:

1. The state of inventory and characterization of animal genetic resources
2. The state of monitoring programmes and country-based early warning and response systems
3. The state of international technical standards and protocols for characterization, inventory, and monitoring

Questions:

- Has a first inventory of the location, population status and trends and characteristics of your animal genetic resources been completed for all livestock species of economic importance?
 - Completed ○
 - Partially completed ○
 - Planned and funding identified ○
 - Future priority activity ○

- Which criteria and indicators has your country adopted for assessing the endangerment status of animal genetic resources?
 - FAO criteria ○
 - National criteria ○
 - None ○

- Have institutional responsibilities for monitoring trends in animal genetic resources been established? **Yes / No**

- Have protocols for monitoring been established, especially for local breeds? **Yes / No**

- Is your country further developing methods, technical standards and protocols for phenotypic and molecular characterization, and breed evaluation, valuation and comparison through research and development? **Yes / No**

- Has your country characterized its animal genetic resources, their phenotype, performance, production environments and specific features for all important livestock species?
 - Completed ○
 - Partially completed ○

- Planned and funding identified
- Future priority activity
- Has molecular-level characterization been completed for all important livestock species?
 - Completed
 - Partially completed
 - Planned and funding identified
 - Future priority activity
- Are trends in genetic diversity being monitored for all important livestock species?
 - Yes
 - Partially
 - Planned and funding identified
 - Future priority activity
- Has your country identified the major barriers and obstacles to enhancing your inventory, characterization and monitoring programmes? **Yes / No**

Please list them, being as specific as possible.

- What are the priority capacity-building measures that need to be taken to address these barriers and obstacles and to enhance your inventory, characterization and monitoring programmes?

Please list them, being as specific as possible:

- Please provide further comments describing specific activities related to SPA 1.

STRATEGIC PRIORITY AREA 2: SUSTAINABLE USE AND DEVELOPMENT

Core indicators:

4. The state of national sustainable use policies for animal genetic resources
5. The state of national species and breed development strategies and programmes
6. The state of efforts to promote agro-ecosystem approaches

Questions:

- Have existing national policies affecting the sustainable use of animal genetic resources been reviewed, and adjusted or developed as necessary? **Yes / No**
- Do these policies address the integration of agro-ecosystem approaches? **Yes / No**
- Has your country assessed its breed development programmes? **Yes / No**
- Are long-term sustainable use planning and strategic breeding programmes in place for all major livestock species and breeds, including programmes to improve local breeds and under-utilized breeds?
 - Yes
 - Only for certain species and breeds
 - No
- Have barriers to enhancing the sustainable use and development of your country's animal genetic resources been identified? **Yes / No**

If **yes**, what are they?
- If exotic breeds are being used, have their impacts on local breeds and on food security been assessed for long-term sustainability? **Yes / No**
- Has your country implemented new, or improved existing, projects for animal genetic resources aimed at achieving sustainable intensification of production? **Yes / No**
- Have recording systems and organizational structures for breeding programmes been established or strengthened? **Yes / No**
- Are participatory mechanisms in place to facilitate interactions among stakeholders, scientific disciplines and sectors as part of sustainable use development planning? **Yes / No**

- Have farmers' and livestock keepers' knowledge of, and access to, animal genetic resources from various sources in your country or region been improved? **Yes / No**
- Has your country developed agreements for equitable sharing of the benefits resulting from access to, and use and development of, animal genetic resources? **Yes / No**
- Have training and technical support programmes for the breeding activities of pastoralist and farming communities been established or strengthened in your country or region? **Yes / No**
- Have priorities for future training and support programmes to enhance the use and development of available animal genetic resources been identified? **Yes / No**
- Have efforts been made to preserve and respect indigenous and local production systems and associated traditional knowledge and practices related to animal genetic resources? **Yes / No**
- What are your priority capacity-building requirements to enhance the sustainable use and development of your animal genetic resources?

Please list them, being as specific as possible.

- Please provide further comments describing specific activities related to SPA 2.

STRATEGIC PRIORITY AREA 3: CONSERVATION

Core Indicators:

7. The state of national conservation policies
8. The state of *in situ* and *ex situ* conservation programmes
9. The state of regional and global long-term conservation strategies and agreement on technical standards for conservation

Questions:

- Has your country established monitoring systems for animal genetic resources that are at risk, and identified institutional responsibilities?
 - Completed for all important species
 - Under development
 - Planned and funding identified
 - Future priority activity

- Is erosion of animal genetic resources occurring in your country or region? **Yes / No**

If **yes**, what factors or drivers are leading to the erosion of animal genetic resources?

- Has your country established an emergency response system that provides for immediate action to maintain threatened breeds in all important livestock species?

- Yes
- Only for certain species and breeds
- No

- Does your country have conservation policies and programmes in place for breeds at risk in all important livestock species?

- Yes
- Only for certain species and breeds
- No

- If conservation policies and priorities are in place, are they routinely evaluated or reviewed?

Yes / No

- What measures are being used in your country or region to conserve breeds at risk of extinction and to prevent breeds from becoming at risk?
 - *In situ* Yes / No
 - *Ex situ - in vivo* Yes / No
 - *Ex situ - in vitro* Yes / No

Please describe the measures.

- If your country has not established conservation programmes, is this a future priority area? Yes / No
- Have the major barriers and obstacles to enhancing the conservation of your animal genetic resources been identified? Yes / No
- If your country has existing *ex situ* collections of animal genetic resources are there major gaps in these collections in your country? Yes / No
- If **yes**, have priorities for filling the gaps been established? Yes / No
- Are arrangements in place in your country or region to protect breeds and populations that are at risk from disasters? Yes / No
- Are arrangements in place in your country for extraction and use of conserved genetic material following loss of animal genetic resources (e.g. through disasters), including arrangements to enable restocking? Yes / No
- Is your country conducting research to further develop methods and technologies for *in situ* and *ex situ* conservation of animal genetic resources? Yes / No

If **yes**, briefly describe the research.

- Are programmes in place to share knowledge, technologies and best practices for conservation? Yes / No
- What are your country's priority capacity-building requirements to enhance conservation measures for animal genetic resources?

Please list them, being as specific as possible.

- Please provide further comments describing specific activities related to SPA 3.

STRATEGIC PRIORITY AREA 4: POLICIES, INSTITUTIONS AND CAPACITY-BUILDING

Core indicators:

10. The state of national institutions for planning and implementing animal genetic resources measures
11. The state of information sharing
12. The state of educational and research facilities capacity for characterization, inventory, and monitoring, sustainable use, development, and conservation
13. The state of awareness of the roles and values of animal genetic resources
14. The state of policies and legal frameworks for animal genetic resources

Questions:

- Has national institutional capacity in support of holistic planning of the livestock sector been assessed and have improved management interventions and tools been employed?

Yes / No

If **yes**, what improved planning and management measures have been employed?

- What is the current status of your country's national strategy and action plan for animal genetic resources?
 - Preparation completed and approved ○
 - In preparation ○
 - Planned ○
 - Future priority activity ○
- Has a national database for animal genetic resources been established or strengthened?
 - Newly established ○
 - Strengthened ○
 - In existence but not strengthened ○
 - No national databases ○

- Are your national data on animal genetic resources available in DAD-IS? **Yes / No**
- If your country has not established a national database for animal genetic resources or entered all available data into DAD-IS, is this a future priority? **Yes / No**
- Has your country updated its data on animal genetic resources in the past two years? **Yes / No**
- Has your country established a National Advisory Committee for Animal Genetic Resources? **Yes / No**

If **yes**, list its main functions.

- Has a National Focal Point for animal genetic resources been established? **Yes / No**
- Is there strong coordination and interaction between the National Focal Point and stakeholders involved with animal genetic resources, such as the breeding industry, livestock keepers, government agencies, research institutes and civil society organizations? **Yes / No**
- Does the National Focal Point have programmes to increase public awareness of the roles and values of animal genetic resources? **Yes / No**
- Have national regulatory frameworks for animal genetic resources been reviewed, and appropriate changes or adjustments made, taking into account relevant research results? **Yes / No**
- Have the country's short-term, medium-term and long-term needs for research and education been identified? **Yes / No**

If **yes**, briefly describe them.

- Have cadres of animal genetic resources experts been mobilized for implementation of the *Global Plan of Action* and have partnerships been established among research, training and extension institutions and networks of researchers, breeders and conservation organizations? **Yes / No**
- Have community-based organizations, networks and initiatives for sustainable use, breeding and conservation been established or strengthened? **Yes / No**
- Are there any national NGOs active in your country in the fields of:
 - Characterization **Yes/ No**
 - Sustainable intensification **Yes/ No**
 - Conservation of breeds at risk **Yes/ No**

- Has your country established or strengthened cooperative research/educational institutions? **Yes / No**
- Has your country established or strengthened cooperation with breeder organizations? **Yes / No**
- Have targeted national information programmes been implemented to raise awareness of the roles and values of animal genetic resources? **Yes / No**

If **yes**, briefly describe them.

- Please provide further comments describing specific activities related to SPA 4.

PART III ON IMPLEMENTATION AND FINANCING OF THE GLOBAL PLAN OF ACTION FOR ANIMAL GENETIC RESOURCES

Core indicators:

15. The state of financial resources for the conservation, sustainable use and development of animal genetic resources
16. The state of international collaboration for planning and implementing animal genetic resources measures

Questions:

- Has your country established or strengthened international collaboration in:
 - Characterization **Yes / No**
 - Use and development **Yes / No**
 - Conservation of transboundary breeds **Yes / No**
- Are there any international NGOs active in your country in the fields of:
 - Characterization **Yes/ No**
 - Sustainable intensification **Yes/ No**
 - Conservation of breeds at risk **Yes/ No**

- Has national funding for implementation of the *Global Plan of Action* and animal genetic resources programmes increased? **Yes/ No**

If **yes**, provide brief details.

- Has your country received external funding for implementation of the *Global Plan of Action* **Yes / No**

If **yes**, provide brief details.

- Has your country established or strengthened international research and education programmes to assist developing countries and countries with economies in transition to better manage animal genetic resources? **Yes / No**

If **yes**, briefly describe them.

- Has your country established or strengthened international support to assist developing countries and countries with economies in transition to obtain training and technologies and to build their information systems? **Yes / No**

If **yes**, provide brief details.

- Has your country provided funding to other countries for implementation of the *Global Plan of Action*? **Yes / No**

If **yes**, provide brief details.