



LEGAL AND POLICY FRAMEWORKS AFFECTING THE MANAGEMENT OF ANIMAL GENETIC RESOURCES - 2013 -

Country: United Republic of Tanzania

SECTION 1: SUSTAINABLE USE, DEVELOPMENT AND CONSERVATION OF ANIMAL GENETIC RESOURCES

This section targets information on legislation and policies related specifically to the management of animal genetic resources, i.e. to:

- characterization, surveying and monitoring;
- sustainable use and development;
- conservation; and
- research and development related to animal genetic resources management.

It also includes issues related to patenting and access and benefit sharing. Instruments in these fields of action may or may not include specific provisions related to animal genetic resources or to relevant broader categories such as living organisms or genetic resources for food and agriculture.

1. Overall management of animal genetic resources

Note: In the policy field, this might include, for example, a national strategy and action plan for animal genetic resources.

Legislation Policy

Details of the measure(s)

The national livestock policy was passed in 2006, the policy states that there are needs to invest in improving production and reproductive performance of local animal breeds

Impact on animal genetic resources management

Programmes on livestock improvement developed

Future needs

More resources on implementing programmes

2. Integration of animal genetic resources management with the management of other genetic resources for food and agriculture (plant, forest or aquatic genetic resources)

Legislation Policy

Details of the measure(s)

Management of shared resources in particular pastures and water

Impact on animal genetic resources management

Right of sharing limited resources between resource users that has maintained high diversity of AnGR

Future needs

Develop guidelines on the equitable sharing of the resources

3. Surveying and monitoring of animal genetic resources

Legislation Policy

Details of the measure(s)

The Tanzania Livestock Research Institute (TALIRI) has been given the mandate to carry on research related to animal genetic resources

Impact on animal genetic resources management

Three farms have been set for conservation, development and multiplication

Future needs

Development of capacity for conservation and breeding data management

4. Official recognition of livestock breeds

Legislation

Policy

Details of the measure(s)

There have been no special programmes to develop and register the indigenous breeds though they are recognized

Impact on animal genetic resources management

The recognized strains/breeds may later mix due to movements?

Future needs

Need of having breed inventories and start establishment of societies

5. Animal breeding and genetic improvement strategies

Legislation

Policy

Details of the measure(s)

An animal breeding Act has been prepared and is about to be enacted

Impact on animal genetic resources management

Decisions on germ plasm importation and exports will be controlled and easier

Future needs

Enact the Act and start implementing

Do these measures address:

5.1 Animal identification and recording

Note: Sections 2 and 3 include questions on traceability and on animal identification as it relates to animal health. If relevant, please use cross-references to indicate that a given law or policy affects more than one field of action.

Legislation

Policy

Details of the measure(s)

The Act on animal, identification and traceability has been passed

Impact on animal genetic resources management

Recording system establishment and movements of animals will be monitored and controlled

Future needs

Implementation of the Act and enforcement of regulations

5.2 The establishment and operation of breeders' associations

Legislation

Policy

Details of the measure(s)

The details are tied in the Breeding Act

Impact on animal genetic resources management

Will provide guidelines on the demand of producers

Future needs

Give incentives to potential members of breeder associations

6. Use of reproductive biotechnologies (excluding zoonosanitary issues)

Note: Zoonosanitary issues are covered in Section 3.

Legislation Policy

Details of the measure(s)

Gives guidelines on what type of reproductive biotechnology to be used

Impact on animal genetic resources management

Will help in controlling the erosion of AnGR

Future needs

More regulations/guidelines need to be developed

7. Genetic modification of animals used for food and agriculture

Legislation Policy

Details of the measure(s)

Under stakeholders debating

Impact on animal genetic resources management

Lose opportunity in modern technologies

Future needs

To develop Act on genetic modification of animals used for food and agriculture

8. Suitability of imported genetic material for use in local production environments

Note: For example, rules requiring a "genetic assessment" before genetic material can be introduced.

Legislation Policy

Details of the measure(s)

The Act will give guidelines of importation of suitable genetic materials

Impact on animal genetic resources management

It will lead to genetic material improvement

Future needs

To develop regulations and guidelines

9. Conservation programmes for animal genetic resources

Legislation Policy

Details of the measure(s)

The policy recognizes conservation and development of AnGR

Impact on animal genetic resources management

Measures for conservation and genetic improvement programmes for different animals in place

Future needs

Need capacity building in terms of human and financing

Do these measures include provisions specifically related to:

9.1 *In vivo* conservation

Legislation Policy

Details of the measure(s)

Recognizes the need of allocating farms for conservation

Impact on animal genetic resources management

It will be easier to perform on farm characterization and performance evaluation

Future needs

To give incentives to farmers to practice conservation

9.2 Cryoconservation

Legislation

Policy

Details of the measure(s)

Establishment of an AI centre for semen production and other zonal centres for distribution and provision of AI services

Impact on animal genetic resources management

Improvement of dairy herd and cryoconservation of Mpwapwa cattle breed semen

Future needs

To improve recording, field management and availability of AI services

10. Research and development related to animal genetic resources management

Legislation

Policy

Details of the measure(s)

Establishment of the Tanzania Livestock Research Institute (TALIRI)

Impact on animal genetic resources management

Will have mandate to carry out research and development in need for AnGR development

Future needs

Capacity building for staff and research infrastructures

11. Patenting

Legislation

If legislation is in place or under development, does/will it include provisions (including exemptions) specifically targeting:

Animal genetic resources for food and agriculture

Living organisms in general

Details of the measure(s)

Will consider intellectual property rights

Impact on animal genetic resources management

Will encourage researchers and breeders to undertake research

Future needs

To develop regulations and guidelines

12. Access and benefit sharing arrangements

Note: The Secretariat of the Commission on Genetic Resources for Food and Agriculture, on 8 August 2013, invited countries to report on the conditions under which genetic resources for food and agriculture are exchanged and used (Circular State Letter C/ NRD-5). Please coordinate responses within your country.

Legislation

Policy

If instruments are in place or under development, do/will they include provisions (including exemptions) specifically targeting:

Animal genetic resources for food and agriculture

Genetic resources for food and agriculture in general

Details of the measure(s)

Impact on animal genetic resources management

Future needs

SECTION 2: MARKETING AND CONSUMER INFORMATION AND PROTECTION

This section targets information on legislation and policies addressing the marketing of animal products, including those addressing:

- the production and marketing of organic products;
- the production and marketing of products sold under protected designations of origin or similar labels;
- production and marketing of products sold under labels indicating adherence to animal-welfare-related standards; and
- food safety.

While some policies and legislation in these fields of action may include specific references to animal genetic resources, it is likely that many will not. The latter may, nonetheless, have indirect effects on animal genetic resources and their management. Consumer demand for animal products often has a major influence on the use and development of animal genetic resources. A lack of demand may place a breed at risk of extinction. Marketing initiatives for breed-specific products, or products from production systems in which locally adapted breeds are kept, can provide a means of promoting the use of at-risk breeds and reducing the risk that they will become extinct. Legislation and policies that facilitate initiatives of this kind can have a positive effect in terms of the maintenance of animal genetic diversity. Conversely, legislation and policies that inhibit the marketing of particular types of products, or products from particular locations or production systems, may inhibit the use of animal genetic resources associated with these products, locations or production systems.

1. Marketing of animal products in general

Note: This question refers to measures that are not specifically focused on market subsectors such as organic products or products with designated labels of origin.

Legislation Policy

Details of the measure(s)

Establishment of Livestock Products boards

Impact on animal genetic resources management

Stakeholders involvement in the promotion, production and marketing of Livestock products

Future needs

Empower those boards to run their day-to-day market promotion activities

2. Production and marketing of organic products

Legislation Policy

Details of the measure(s)

There are regulations and guidelines on the production and marketing of organic products

Impact on animal genetic resources management

Increased consumer safety and promotion of production of quality products

Future needs

Regional harmonization of regulations and standards

3. Production and marketing of products sold under protected designations of origin or similar labels

Legislation Policy

Details of the measure(s)

Marketing of livestock products are under the regulations that limit products importation from risk prone areas

Impact on animal genetic resources management

Protected contamination and transmission of diseases

Future needs

To educate stakeholders

4. Production and marketing of products sold under labels indicating adherence to particular animal welfare-related standards

Note: For example, rules relating to the marketing of products as “free range” or under similar designations. Basic animal welfare legislation (i.e. not specifically related to marketing) is covered in Section 3.

Legislation Policy

Details of the measure(s)

Development of regulations and guidelines

Impact on animal genetic resources management

Gives choices to consumers and protection of professional ethics

Future needs

More enforcement of the Act

5. Safety of food products from animals

Note: If relevant, include measures related to the marketing of products derived from genetically modified organisms.

Legislation Policy

Details of the measure(s)

Under draft stage in the Ministry of health and social welfare

Impact on animal genetic resources management

Improved food safety and health of consumers

Future needs

Harmonization of East Africa Community food safety measures

6. Traceability of animal-origin products

Note: Sections 1 and 3 include questions on animal identification as it relates to breeding and to animal health. If relevant, please use cross-references to indicate that a given law or policy affects more than one field of action.

Legislation Policy

Details of the measure(s)

Establishment of Tanzania National Livestock Identification and traceability System which will include tracking of the products

Impact on animal genetic resources management

Will assist in having quality products and marketing of the products

Future needs

Since it is in initial stage, more efforts are needed to ensure that it is functioning and sustainable

SECTION 3: ANIMAL HEALTH AND WELFARE

This section targets information on legislation and policies addressing animal health and animal welfare. While some policies and legislation in these fields may include specific references to animal genetic resources, it is likely that many will not. The latter may, nonetheless, have indirect effects on animal genetic resources and their management. Animal genetic resources and their management can be affected both by the direct effects of animal diseases and by the effects of measures taken to control animal diseases. For example, a disease epidemic may threaten the existence of at-risk breeds, particularly if their populations are concentrated geographically. Animal diseases, as influenced by the presence or absence of effective animal health services, can also influence the type of animal genetic resources that can be kept in particular locations, influence breeding objectives and/or affect the economic sustainability of livestock-keeping livelihoods. Compulsory culling measures used to control disease epidemics may pose a threat to geographically concentrated breed populations. Legal restrictions on the import of genetic material because of zoosanitary reasons may affect breeders' access to genetic resources. Legal restrictions on livestock movements, restrictions on particular husbandry practices, or onerous requirements for animal health-related actions on the part of livestock keepers (or in the food processing and marketing chain), may inhibit the keeping of animal genetic resources associated with the production systems targeted. Zoosanitary legislation related to the use of semen, embryos and other genetic materials may have implications for cryoconservation programmes. Legal and policy frameworks related to animal welfare might promote or inhibit the keeping of animals in particular production systems or the use of animals to provide specific products or services. In turn, these developments might promote or inhibit the continued use of the animal genetic resources associated with the respective production systems, products or services.

1. Delivery of animal health services and control of animal diseases

Legislation

Policy

Details of the measure(s)

Control movements of animals and spread of diseases

Impact on animal genetic resources management

Protect animals from decimating diseases

Future needs

Need of specific measures on endangered AnGR

Do these measures include provisions specifically related to:

1.1 Animal identification

Note: Sections 1 and 2 include questions on animal identification as it relates to breeding and on traceability. If relevant, please use cross-references to indicate that a given law or policy affects more than one field of action.

Legislation

Policy

Details of the measure(s)

The legislation requires all livestock identified and recorded

Impact on animal genetic resources management

Information on performance of different Genotypes will be available

Future needs

National wide use of identification

1.2 Control of the import of animal genetic resources (live breeding animals and/or germplasm) for zoosanitary reasons

Legislation

Details of the measure(s)

At present the requirements for import are not controlled by a breeding regulation but only experience

Impact on animal genetic resources management

It has been slow in decision making

Future needs

Need to develop guidelines on which genetic materials to be imported

1.3 Control of the export of animal genetic resources (live breeding animals and/or germplasm) for zoosanitary reasons

Legislation

Details of the measure(s)

Laboratory test before offering permit

Impact on animal genetic resources management

Limit on uncontrolled import

Future needs

Need to develop guidelines on which genetic materials to be imported

1.4 Zoosanitary rules related to the use of reproductive technologies

Legislation

Details of the measure(s)

It controls spread of diseases especially reproductive diseases

Impact on animal genetic resources management

Provides security to genetic AnGR materials

Future needs

Need of specific measures on special diseases

1.5 Control of livestock movements (within the country) for zoonosanitary reasons

Legislation

Details of the measure(s)

Control of diseases especially transboundary

Impact on animal genetic resources management

Deceased diseases incidences

Future needs

To eliminate notifiable diseases such as CBPP and FMD

1.6 Restrictions or compulsory actions related to husbandry practices (for zoonosanitary reasons)

Legislation

Details of the measure(s)

Impact on animal genetic resources management

Future needs

Need to have a legislation

1.7 Compulsory culling in the event of outbreaks of specific diseases

Legislation

If legislation is in place or under development, does/will it include provisions to protect at-risk animal genetic resources from the effects of culling programmes?

Details of the measure(s)

The legislation requires destroying of animals on specific diseases

Impact on animal genetic resources management

There is a danger of losing AnGR at risk status

Future needs

Establishment of gene banks

2. Animal welfare

Legislation

Policy

Details of the measure(s)

Restricts inhumane upkeep, transport and slaughter of animals

Impact on animal genetic resources management

Affects the survival and performance assessment of animals

Future needs

Enforcement of regulations

SECTION 4: AGRICULTURE, LAND USE AND NATURAL RESOURCES MANAGEMENT

This section targets information on legislation and policies that address the overall management of the production systems, ecosystems and environments within which animal genetic resources are used and developed. The questions address the following main topics:

- general frameworks or strategies for rural development;
- agriculture, land use and natural resources management;
- management of biodiversity;
- other aspects of environmental protection;
- overall livestock-sector development;
- management of rangelands and other grazing lands;
- establishment of livestock farms or holdings
- establishment and operation of civil society organizations in the livestock sector
- participation of livestock keepers in decision-making in livestock-sector development; and
- prevention, preparedness and response to natural or human-induced disasters

While some policies and legislation in these fields may include specific references to animal genetic resources, it is likely that many will not. The latter may, nonetheless, have indirect effects on animal genetic resources and their management. For example, policies and legislation that promote or constrain the keeping of livestock in particular production systems, for particular purposes or in particular geographical areas may promote or discourage the use of the animal genetic resources associated with these systems/uses/locations (hence possibly affecting their risk status), lead to the establishment of breeding objectives targeting the development of animals suitable for the favoured systems/uses/locations or lead to the import of genetic resources suitable for these systems/uses/locations.

1. General framework or strategy for sustainable agriculture, land use and natural-resources management

Note: This question relates to broad strategic-level instruments such as national agricultural or rural development policies, strategies or laws. Instruments related to specific aspects of agricultural and rural development should be described under other questions as and where relevant.

Legislation

Yes

Policy

Yes

Details of the measure(s)

Land use Act that emphasizes sharing of land resources among different users

Impact on animal genetic resources management

Demarcation of land for livestock is stated in the Act

Future needs

Develop individual ownership regulations

2. Management of biodiversity

Note: Please use this question to provide information on the general framework for managing all aspects of the country's biodiversity (e.g. instruments related to the designation and management of protected areas). Include, for example, information on whether animal genetic resources issues are included in your country's National Biodiversity Strategy and Action Plan and on any provisions addressing potential conflicts, or perceived conflicts, between the management of animal genetic resources and the management of other elements of biodiversity. Specific animal genetic-resources-related instruments (e.g. National Strategy and Action Plans for Animal Genetic Resources) should be reported in Section 1 (Question 1).

Legislation

Under development

Policy

Yes

Details of the measure(s)

It is incorporated in the legislation of the Environmental Management Act (EMA) 2004, which states the involvement of people in the conservation and management of biodiversity for improved and sustainable livelihood

Impact on animal genetic resources management

To make the land productive for present and future generations

Future needs

To have specific legislation for biodiversity

3. Environmental protection

Note: Instruments specifically targeting the management of biodiversity are covered under Question 2. Please use this question to provide information on instruments addressing other environmental issues (e.g. addressing pollution of land and water, deforestation, climate change, water use or flood protection). If an instrument addresses both biodiversity and other aspects of environmental protection, please indicate this using a cross-reference to your answer to Question 2.

Legislation Policy

Details of the measure(s)

Environmental Management Act (EMA) 2004, which require the involvement of people in the conservation and management of environment for the present and future generations

Impact on animal genetic resources management

About 30% of the land is reserved

Future needs

Sustainable use of reserved land particularly for grazing

4. Overall development of the livestock sector

Note: This question relates to broad strategic-level instruments addressing the livestock sector as a whole, such as national livestock development strategies or laws. Instruments related to specific aspects of livestock development should be described under other questions as and where relevant.

Legislation Policy

If provisions are in place or under development do/will they include:

Particular provisions aimed at supporting livestock keeping in harsh production environments

Note: Please consider direct and indirect forms of support (e.g. grants or subsidies, favourable access to credit or livestock services, facilitation of market access).

Legislation Policy

Particular provisions aimed at supporting large-scale, high external input or export-oriented production systems or supporting management practices associated with such systems

Note: Please consider direct and indirect forms of support (e.g. grants or subsidies, subsidized inputs, favourable access to credit or livestock services, support for infrastructure development or mechanization).

Legislation Policy

Details of the measure(s)

Investment opportunities on large scale are stipulated in the National investment blue print

Impact on animal genetic resources management

Emergence of big investors in the meat, hides, leather and dairy industries

Future needs

The country to set its own priorities that will protect its AnGR

5. Management of and access to rangelands or other grazing lands

Legislation Policy

Details of the measure(s)

Provision of access, management and equitable use of rangelands and other grazing lands

Impact on animal genetic resources management

Livestock keepers assured of grazing resources

Future needs

Need of more guidelines on individual ownership and land use

6. Establishment of livestock farms or holdings

Note: This question relates to planning rules related to the size, location, ownership, registration, etc. of livestock farms or holdings.

Legislation Policy

Details of the measure(s)

Legislations respect individual livestock farms/holdings

Impact on animal genetic resources management

It allows independent development and/or improvement of AnGR

Future needs

Financial support and strengthen public private partnership

7. Establishment and operation of civil society organizations in the livestock sector

Note: Instruments specifically related to organizations focused on breeding (genetic improvement) activities are covered in Section 1 (Question 5.2). Please use the present question to provide information on instruments of a more general nature (e.g. related to the operation of cooperative societies or community organizations).

Legislation

Policy

Details of the measure(s)

Encourage promotion of establishment of civil societies and associations in the implementation of the legislations

Impact on animal genetic resources management

Formation of breeders and producers associations is well supported

Future needs

Strengthen public private partnership

8. Participation of livestock keepers in decision-making related to the development of the livestock sector

Legislation

Policy

Details of the measure(s)

Recognition of the stakeholders in decision making stipulated in the regulations

Impact on animal genetic resources management

Inclusion of stakeholders interest and increased AnGR diversity

Future needs

Promote participation of the stakeholders

9. Prevention, preparedness and response to natural or human-induced disasters

Legislation

Policy

If instruments are place or under development, do/will they include any provisions specifically targeting:

Animal genetic resources

Note: For example, measures targeting the protection of at-risk breeds.

Legislation

Policy

Livestock in general

Legislation

Policy

Details of the measure(s)

In the process of developing legislation on natural disasters particular bush fire

Impact on animal genetic resources management

Improved pasture and rangeland management for grazing

Future needs

Need of more regulations

SECTION 5: ADDITIONAL INFORMATION

Please provide information on any aspects of your country's legal and policy framework that affect animal genetic resources and their management but are not covered by any of the questions above.

Submit by e-mail