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организация  
Объединенных  
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Organización  
de las  
Naciones Unidas  
para la  
Alimentación y la  
Agricultura

# COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

## Item 4.3 of the Provisional Agenda

### Fourteenth Regular Session

Rome, 15-19 April 2013

## PREPARATION OF THE SECOND REPORT ON THE STATE OF THE WORLD'S ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE

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## I. INTRODUCTION

1. In 2007, FAO launched *The State of the World's Animal Genetic Resources for Food and Agriculture (First Report)*<sup>1</sup>. The FAO Conference, at its Thirty-fourth Session in November 2007, welcomed the First Report as the first comprehensive worldwide assessment of the state of animal genetic resources.<sup>2</sup> Through the adoption of its Multi-year Programme of Work 2013-2021 (MYPOW)<sup>3</sup> at its Thirteenth Regular Session, the Commission on Genetic Resources for Food and Agriculture (the Commission) agreed that *The Second Report on the State of the World's Animal Genetic Resources for Food and Agriculture (Second Report)* should be launched at its Sixteenth Regular Session in 2017.
2. The Second Report is foreseen as an update of the First Report. In the same way that the First Report provided the basis for the *Global Plan of Action for Animal Genetic Resources*<sup>4</sup> (*Global Plan of Action*), the Second Report could inform the updating of the *Global Plan of Action*, which is also foreseen in the MYPOW.<sup>5</sup> The process of developing the Second Report will also contribute to the strengthening of technical capacity among the various stakeholders involved.
3. This document proposes timeline, scope, content, preparatory process and draft budget for the preparation of the Second Report, as reviewed by the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture (Working Group) at its Seventh Session in October 2012.<sup>6</sup>

## II. PROPOSED TIMELINE, SCOPE AND CONTENT OF THE SECOND REPORT

4. In view of the heavy agenda of the Commission's Sixteenth Regular Session, during which the Commission is currently foreseen to review and endorse three state of the world reports,<sup>7</sup> the Working Group recommended that the Second Report be presented to the Commission's Fifteenth rather than its Sixteenth Regular Session.<sup>8</sup>
5. Given the reporting processes that are in place for this sector, presenting the Second Report two years earlier than originally planned is realistic and achievable. Bringing forward the presentation of the Second Report would allow the Commission to spread the launching of the state of the world reports and to focus, at its Fifteenth Session, on the Second Report.
6. The preparation process for the Second Report should be as slim and efficient as possible and reporting obligations put on countries as limited as possible. The focus should be on changes that have occurred since the preparation of the First Report and on furthering the implementation of the *Global Plan of Action*, particularly at national level.
7. It is proposed that the structure of the First Report be maintained, with the Second Report serving as an update, highlighting emerging issues. The Second Report would include an updated version of the biennial FAO status and trends report on animal genetic resources,<sup>9</sup> describe changes

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<sup>1</sup> <http://www.fao.org/docrep/010/a1250e/a1250e00.htm>

<sup>2</sup> C 2007/REP, Resolution 12/2007.

<sup>3</sup> CGRFA-13/11/Report, Appendix F.

<sup>4</sup> <http://www.fao.org/docrep/010/a1404e/a1404e00.htm>

<sup>5</sup> CGRFA-13/11/Report, Appendix F.

<sup>6</sup> CGRFA-14/13/12, paragraphs 22-23.

<sup>7</sup> *The State of the World's Biodiversity for Food and Agriculture, The State of the World's Aquatic Genetic Resources and The Second Report on the State of the World's Animal Genetic Resources.*

<sup>8</sup> CGRFA-14/13/12, paragraph 23i.

<sup>9</sup> CGRFA-12/09/Report, paragraph 39.

that have occurred since 2007 in countries' capacities to manage their animal genetic resources, and describe significant gains in scientific knowledge since 2007. The following structure is envisaged.

**Part 1. The state of agricultural biodiversity in the livestock sector – it is proposed that this part be renamed “The state of livestock diversity”.**

- Sections A (Origin and history of livestock diversity), C (Flows of animal genetic resources), D (Uses and values of animal genetic resources), E (Animal genetic resources and resistance to disease) and F (Threats to livestock genetic diversity) – to be updated based on knowledge gained since 2007.
- Section B: Status of animal genetic resources – to be updated based on the *Status and trends report – 2014*.

**Part 2. Livestock sector trends – to be updated.**

**Part 3. The state of capacities in animal genetic resources management.**

- Section A: Institutions and stakeholders – detailed analysis was provided in 2007; it is proposed that this section be replaced by a section on the state of implementation of the *Global Plan of Action* at national, regional and global levels.
- Section B: Structured breeding programmes – data with which to update this section need to be collected from countries.
- Section C: Conservation programmes – data with which to update this section need to be collected from countries.
- Section D: Reproductive and molecular biotechnology – data with which to update this section need to be collected from countries.
- Section E: Legislation and regulation – to be updated; data with which to update the subsection on national legislation and policy need to be collected from countries.

**Part 4. State of the art in the management of animal genetic resources – to be updated based on knowledge gained since 2007.**

**Part 5. Needs and challenges in animal genetic resources management – to be updated based on a synthesis of the other parts of the Second Report.**

### III. THE PREPARATORY PROCESS

8. The First Report was primarily based on detailed country reports<sup>10</sup> prepared in accordance with reporting guidelines provided by FAO.<sup>11</sup> At present, however, countries are at different stages in the development of national strategies and action plans for animal genetic resources (the Commission, at its Twelfth Regular Session, endorsed and encouraged countries to use guidelines<sup>12</sup> prepared by FAO to support this process). Given these ongoing activities at country level, and the need to keep reporting requirements at a manageable level, it is proposed that countries should be requested to provide a limited amount of information through specific electronic questionnaire forms, similar to those used for country progress reporting on the implementation of the *Global Plan of Action*,<sup>13</sup> rather than be requested to provide detailed country reports. The Working Group, at its Seventh Session, recommended that the Commission, at its Fourteenth Regular Session, review such a questionnaire.<sup>14</sup>

9. The information document *Draft questionnaire for collecting national data to support the preparation of The Second Report on the State of the World's Animal Genetic Resources for Food and Agriculture*<sup>15</sup> presents an updated version of the questionnaire<sup>16</sup> that countries used in 2012 to report

<sup>10</sup> <http://www.fao.org/docrep/010/a1250e/a1250e00.htm>

<sup>11</sup> <http://dad.fao.org/cgi-bin/getblob.cgi?sid=-1,50006167>

<sup>12</sup> CGRFA-12/09/Report, Paragraph 41.

<sup>13</sup> CGRFA-14/13/Inf.15.

<sup>14</sup> CGRFA-14/13/12, paragraph 23ii.

<sup>15</sup> CGRFA-14/13/Inf.19.

on their progress in implementing the *Global Plan of Action*. This updated draft questionnaire includes additional material covering some aspects of the *Global Plan of Action* that were not covered in sufficient detail in the previous version, and also gives countries greater opportunity to highlight emerging issues and constraints that would need to be taken into consideration in a future update of the *Global Plan of Action*. The updated draft questionnaire also includes a section that could be used to collect the data required to update Part 3 (The state of capacities in animal genetic resources management) of the First Report (i.e. to prepare the equivalent sections of the Second Report) and to collect data required from the animal genetic resources sector for preparation of *The State of World's Biodiversity for Food and Agriculture*. The use of the questionnaire would enable FAO to collect, manage, analyse and present countries' data in a resource- and time-efficient manner. Because of the limited time available for the preparation of the Second Report, countries would be invited to kindly provide their completed questionnaires in English, French or Spanish. The proposed main steps and the timeline for the preparation of the Second Report are shown in *Figure 1*.

10. It is also proposed that FAO initiate, subject to the availability of the necessary funds, the preparation of thematic studies on emerging issues related to the management of animal genetic resources that require particular attention. Possible topics of thematic studies include climate change, genetic technologies, sustainable diets, products and markets, food security, environmental services, biocultural (community) protocols, interdependencies among countries, access and benefit-sharing and patenting.

11. National Coordinators for the Management of Animal Genetic Resources and National Advisory Committees would be responsible for national data collection and reporting to FAO. National and international stakeholders would also be expected to participate in the process. FAO would support the process by organizing regional and subregional capacity-development workshops on the use of the technical guidelines endorsed by the Commission,<sup>17</sup> as requested by countries, and on the use of DAD-IS.

12. The discussion network DAD-Net<sup>18</sup> and the journal *Animal Genetic Resources*<sup>19</sup> would be used for regular communication with stakeholders on the reporting process and to encourage exchange of information among countries and regions. DAD-Net might also be used to collect information for use in the preparation of the proposed thematic studies.

13. The Second Report would be published following review and endorsement in 2015. It is proposed that an *in brief* version of the Second Report be prepared.

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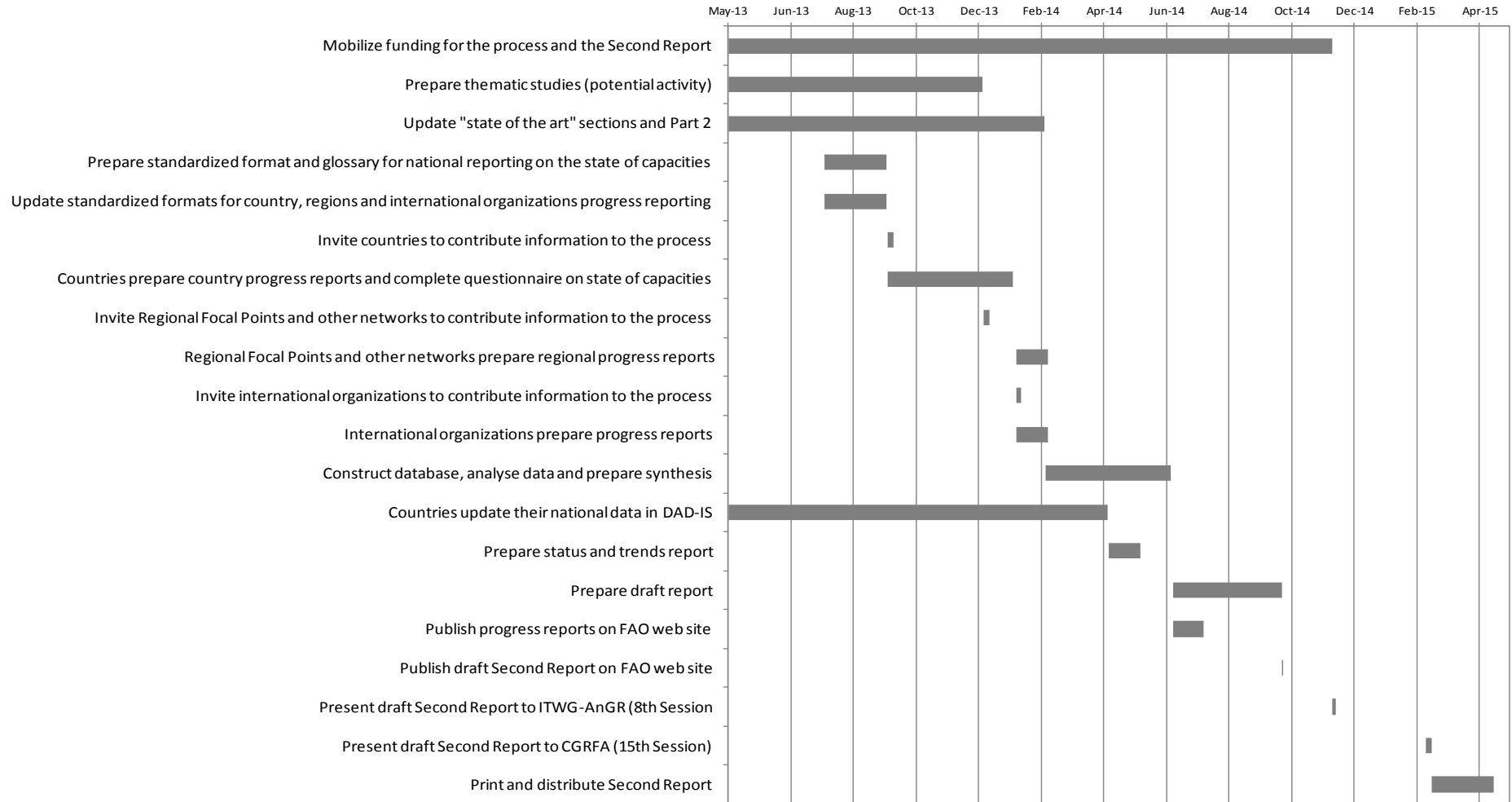
<sup>16</sup> [http://www.fao.org/Ag/AGInfo/programmes/documents/genetics/global/GPA\\_CR\\_form\\_E.pdf](http://www.fao.org/Ag/AGInfo/programmes/documents/genetics/global/GPA_CR_form_E.pdf)

<sup>17</sup> CGRFA-12/09/Report, paragraph 79, and CGRFA-13/11/Report, paragraph 41.

<sup>18</sup> <http://dgroups.org/fao/dad-net>

<sup>19</sup> <http://journals.cambridge.org/action/displayJournal?jid=AGR>

**Figure 1. Preparation of *The Second Report on the State of the World’s Animal Genetic Resources for Food and Agriculture* – list of tasks with their timing and duration**



#### IV. REQUIRED RESOURCES

14. Adequate financial and human resources are necessary in order to ensure that the preparation of the Second Report can be achieved within the newly proposed timeframe. It is proposed that costs be covered by funds provided under FAO's Regular Programme of Work and Budget and extra-budgetary funds, as indicated in *Table 1*. The main areas for funding include:

- appointment of a coordinator who will provide overall coordination of the process outlined in this document and oversee constant two-way communication with stakeholders (see also *Figure 1*);
- establishment of a dedicated core team within the Global Focal Point, which will support the preparation of questionnaires, compilation and analyses of data and information, presentation of results, preparation of draft and final chapters of the Second Report, and the coordination of thematic studies; and
- maintenance of DAD-IS, which is of utmost importance in enabling National Coordinators to update their national animal genetic resource data, and hence for the preparation of the updated status and trends report.

15. Due to the tight timing of the process, highly experienced additional staff would have to be available as early as possible, preferably starting in May 2013, as follows: one coordinator (P5 level, 20 months), one editor (P3 level, 20 months), one information system developer and programmer (P3 level, 20 months).

16. FAO is grateful to the Government of Switzerland, which has offered to cover 50 percent of the costs of the information system developer and programmer over two years, under the condition that FAO establish a regular programme post to ensure the long-term maintenance and development of DAD-IS. Request for such a post will be put forward to the Thirty-eighth Session of the FAO Conference in June 2013.

17. The Secretariat will contribute 41 percent of the required resources, and dedicate staff as follows: Chief (Animal Genetic Resources Branch) – 6 months; Animal Production Officers – 20 months; and support staff – 12 months. In order to enable the immediate hiring of additional staff and implementation of the preparation process, US\$800 000 are required. *Table 1* provides cost estimates for the tasks that need to be undertaken in order to prepare and publish the Second Report.

**Table 1. Proposed core activities and budget for developing the preparation process, preparing and publishing the Second Report – May 2013 to May 2015<sup>20</sup> (amounts in US\$1000s)**

	RP <sup>21</sup>	EB	Total
Mobilize funding for the process and the report and initiate the process	106	0	106
Coordinate the updating of the “state of the art” sections	18	59	77
Coordinate the reporting process and communications	9	423	432
Analyse data and prepare a synthesis	76	29*	105
Maintain and moderate DAD-IS	168	78*	271
Prepare and publish the status and trends report	61	10*	75
Publish progress reports on the FAO web site	28	0	28
Prepare and publish draft of the Second Report	46	177	223
Prepare the Second Report for ITWG-AnGR (8 <sup>th</sup> Session)	14	29	43
Prepare the Second Report for CGRFA (15 <sup>th</sup> Session)	14	15	29
Publish the Second Report and its in-brief version	55	75	130
Launch the Second Report (communication strategy)	28	10	38
<b>Total</b>	<b>623</b>	<b>904</b>	<b>1527</b>

Note: secured, provided FAO Conference agrees, at its forthcoming session in June 2013, to establish a post.

## V. GUIDANCE SOUGHT

18. The Commission may wish to:

- Invite FAO to prepare *The Second Report on the State of the World’s Animal Genetic Resources for Food and Agriculture* with a view to presenting it to the Commission at its Fifteenth Regular Session, and amend the Multi-Year Programme of Work accordingly;
- Endorse the draft questionnaire for collecting national data to support the preparation of *The Second Report on the State of the World’s Animal Genetic Resources for Food and Agriculture*;
- Request that a draft version of the *The Second Report on the State of the World’s Animal Genetic Resources for Food and Agriculture* be presented to the Eighth Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture, for its consideration;
- Urge all FAO Members and relevant international mechanisms, funds and bodies to give immediate and due priority and attention to the effective allocation of predictable and agreed resources for the preparation of the *The Second Report on the State of the World’s Animal Genetic Resources for Food and Agriculture*;
- Request FAO to maintain and further develop DAD-IS and stress the need for countries to regularly update their national data and information in DAD-IS;
- Appeal to all FAO Members and international organizations to provide, in good time, the relevant information required for the preparation of *The Second Report on the State of the World’s Animal Genetic Resources for Food and Agriculture*.

<sup>20</sup> It is assumed that the Fifteenth Regular Session of the Commission will take place in early 2015.

<sup>21</sup> Estimated Regular Programme contribution to the preparation process and the Second Report, covering mainly salaries for Professional and General Staff.