

August 2012



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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 of the Provisional Agenda

### INTERGOVERNMENTAL TECHNICAL WORKING GROUP ON ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE

#### Seventh Session

Rome, 24-26 October 2012

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

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## 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*<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> the Commission on Genetic Resources for Food and Agriculture, at its Thirteenth Regular Session, 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. Like 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 enhancing technical capacity among the various stakeholders involved.
3. The present document proposes the timeline, scope, content and process for the preparation of the Second Report and the required resources.

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

4. In light 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>6</sup> the Working Group may wish to recommend that the Second Report be presented to the Commission's Fifteenth, rather than its Sixteenth Regular Session. In view of 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 its workload and to focus, at its Fifteenth Session, on the Second Report.
5. The process for the preparation of 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.
6. 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

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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> *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.*

version of the biennial FAO status and trends report on animal genetic resources,<sup>7</sup> describe changes 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, C, D, E and F – to be updated based on knowledge gained since 2007.
- Section B: Status of animal genetic resources – to be replaced by 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 the other updated parts of the Second Report.**

### III. THE PREPARATORY PROCESS

7. The preparation of the Second Report will take into consideration the need to keep country reporting requirements manageable. Countries will therefore 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*. The information and the way in which it would be provided will enable FAO to manage, analyse and present the data in a resource- and time-efficient manner. The main steps and the time-line for the preparation of the Second Report are given in *Figure 1*.

8. The First Report is primarily based on reports,<sup>8</sup> prepared by countries in accordance with reporting guidelines.<sup>9</sup> Following the endorsement of the *Global Plan of Action*, the Commission endorsed guidelines on the *Preparation of national strategies and action plans for animal genetic resources*<sup>10</sup> and encouraged countries to make full use of them. Countries are in different stages of preparation of strategies and actions plans. It is therefore proposed that countries be invited to submit or update country progress reports on the implementation of the *Global Plan of Action*, rather than to prepare detailed country reports.<sup>11</sup> It is proposed to follow the reporting format that was used for the preparation of the *Synthesis progress report on the implementation of the Global Plan of Action for*

<sup>7</sup> CGRFA-12/09/Report, Paragraph 38.

<sup>8</sup> <http://www.fao.org/docrep/010/a1250e/a1250e00.htm>

<sup>9</sup> <http://dad.fao.org/cgi-bin/getblob.cgi?sid=-1,50006167>

<sup>10</sup> CGRFA-12/09/Report, Paragraph 41.

<sup>11</sup> CGRFA/WG-AnGR-7/12/Inf.3 Synthesis progress report on the implementation of the Global Plan of Action for Animal Genetic Resources - 2012.

*Animal Genetic Resources – 2012*<sup>12</sup> including a few additional questions to improve the coverage of the indicators. It is further proposed to invite countries to report in the country progress report questionnaires on emerging issues currently not covered in the *Global Plan of Action* and therefore not reflected in the questionnaire used in 2012. Moreover, the questionnaire will allow countries to provide information on constraints that should be considered in updating the *Global Plan of Action*. In addition, a second form would be prepared for use in collecting the data required to update Part 3 (The state of capacities in animal genetic resources management), Sections B to E and, potentially, information required from the animal genetic resources sector for the compilation of the *The State of World's Biodiversity for Food and Agriculture*. Due to the limited time available for the preparation of the Second Report, countries would be invited to kindly provide (a courtesy translation of) their report in English, French or Spanish. It is also proposed that FAO initiate, subject to the availability of the necessary funds, the preparation of thematic studies on new and emerging issues and issues related to the implementation of the *Global Plan of Action* which require particular and immediate attention. Possible topics of thematic studies include: climate change, genetic technologies, sustainable diets, products and markets, food security, bio-cultural (community) protocols, interdependencies among countries, access and benefit sharing and patenting.

9. National Coordinators for the Management of Animal Genetic Resources and national advisory committees will be responsible for national data collection and reporting to FAO. National and international stakeholders should also be involved in the process. FAO will support the process by organizing regional and sub-regional capacity-development workshops on the use of the technical guidelines endorsed by the Commission,<sup>13</sup> as requested by countries, and the use of DAD-IS.

10. It is proposed that the discussion network DAD-Net<sup>14</sup> and the journal *Animal Genetic Resources*<sup>15</sup> be used for regular communication with stakeholders on the reporting process and to encourage exchange of information among countries and regions. DAD-Net may also be used to collect information for use in the preparation of the proposed thematic studies.

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

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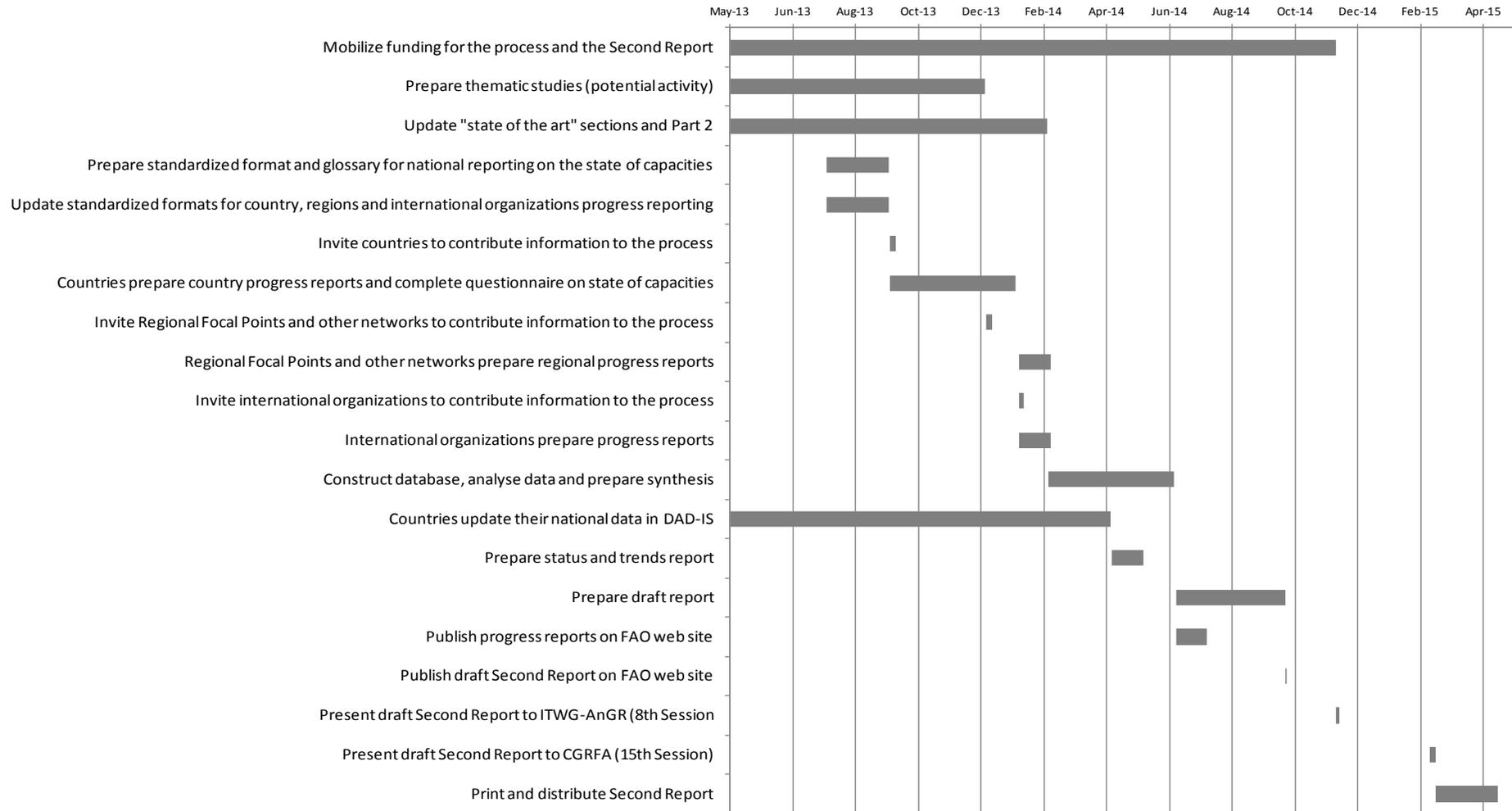
<sup>12</sup> CGRFA/WG-AnGR-7/12/Inf.3.

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

<sup>14</sup> <https://listserv.fao.org/cgi-bin/wa?A0=DAD-Net-L>

<sup>15</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

12. Adequate financial and human resources are necessary to ensure the preparation of the Second Report. It is proposed that costs be partially covered by funds provided under the 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 as 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, compilations and analyses of data and information, presentations of results, the preparation of draft and final chapters of the Second Report, and the coordination of thematic studies;
- maintenance of DAD-IS which is of utmost importance to enable National Coordinators to update their national animal genetic resource data, and hence for the preparation of the updated status and trends report;

13. Due to the extremely tight timing of the process, highly experienced additional staff is required as follows: one coordinator (P5 level, 20 months), one editor (P3 level, 20 months), one information system developer and programmer (P3 level, 20 months). Additional staff would have to be available as early as possible, preferably starting in May 2012. The Secretariat will contribute 30 percent of the required resources, and dedicate staff as follows: 6 months of Chief (Animal Genetic Resources Branch), 20 months of Animal Production Officers and 12 months of support staff. In order to enable the immediate hiring of additional staff and implementation of the preparation process, 1.1 million USD 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>16</sup> (amounts in US\$000s)**

	RP <sup>17</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
Analyze data and prepare a synthesis	46	59	105
Maintain and moderate DAD-IS	65	206	271
Prepare and publish the status and trends report	46	29	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>475</b>	<b>1082</b>	<b>1557</b>

<sup>16</sup> It is assumed that the Fifteenth Regular Session of the Commission will take place in February 2015.

<sup>17</sup> Estimated regular programme contribution to the preparation process and the Second Report, covering mainly salaries for Professional and General Staff.

## V. GUIDANCE SOUGHT

14. The Working Group may wish to recommend that the Commission:

- Invite FAO to present *The Second Report on the State of the World's Animal Genetic Resources for Food and Agriculture* to the Commission, at its Fifteenth Regular Session, and amend the Multi-Year Programme of Work and the plan for its implementation accordingly;
- Request a draft version of the Second Report to be presented to the Eighth Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture, for its consideration;
- Appeal to 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 further the implementation of the *Global Plan of Action*, and to provide in 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*.