



COMMISSION ON GENETIC RESOURCES FOR FOOD AND AGRICULTURE

Item 4 of the Provisional Agenda

INTERGOVERNMENTAL TECHNICAL WORKING GROUP ON FOREST GENETIC RESOURCES

Fifth Session

Rome, 8 - 10 May 2018

PREPARATION OF *THE SECOND REPORT ON THE STATE OF THE WORLD'S FOREST GENETIC RESOURCES*

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Appendix III: Estimated extra-budgetary resources required for the preparation of The Second Report on the State of the World's Forest Genetic Resources

I. INTRODUCTION

1. The Commission on Genetic Resources for Food and Agriculture (the Commission), at its Sixteenth Regular session in 2017, adopted targets, indicators and verifiers for forest genetic resources to be used as assessment tools for monitoring the implementation of the *Global Plan for Action for the Conservation, Sustainable Use and Development of Forest Genetic Resources* (Global Plan of Action)¹. It also adopted a schedule for monitoring the implementation of the Global Plan of Action and the preparation of *The Second Report on the State of the World's Forest Genetic Resources* (Second Report)². According to the schedule, the Intergovernmental Technical Working Group on Forest Genetic Resources (the Working Group) should consider the preparation of the Second Report and *Draft Guidelines for the Preparation of Country Reports* at its Fifth Session³.

2. This document proposes the scope, outline and preparatory process for Second Report, for review by the Working Group. *Draft Guidelines for the Preparation of Country Reports* are contained in the document **CGRFA/WG-FGR-5/18/Inf.6**.

II. PROPOSED SCOPE AND OUTLINE OF *THE SECOND REPORT ON THE STATE OF THE WORLD'S FOREST GENETIC RESOURCES*

3. At its last session, the Commission stressed that the information to be collected for the Second Report should cover the state of the forest genetic resources themselves, in addition to efforts related to the conservation, sustainable use and development of these resources⁴. A draft outline for the content of the Second Report is given in *Appendix I* to this document. It is proposed that the structure of the Second Report highlights the contributions of forest genetic resources to sustainable development, especially Sustainable Development Goal 15 (Life on land) and describes consequences of any changes identified in the forest sector for forest genetic resources and their management. The Second Report should continue to cover the genetic resources of forest trees and other woody plant species used for multiple purposes and managed in the broad range of forest management systems. The Second Report should also provide information relevant to the possible updating of the Global Plan of Action.

III. PREPARATORY PROCESS FOR *THE SECOND REPORT ON THE STATE OF THE WORLD'S FOREST GENETIC RESOURCES*

4. The primary source of data and information for the preparation of the Second Report continues to be country reports on forest genetic resources. The schedule adopted by the Commission for monitoring the implementation of the Global Plan of Action envisages that the preparation of the Second Report and the Second Report on the Implementation of the Global Plan of Action (Second Implementation Report) will be carried out in parallel⁵.

5. It is proposed that the reporting guidelines for preparing the country reports consist of two sections. The first section would consist of the questionnaire prepared in 2017 for the preparation of the country progress reports on the implementation of the Global Plan of Action, including the state of conservation, use and development of forest genetic resources, as well as the state of related policies and institutions. In 2020, countries would only need to update any changes in the data and information they provided for the First Implementation Report in January 2018, through the online questionnaire

¹ CGRFA-16/17/Report/Rev.1, paragraph 74.

² CGRFA-16/17/Report/Rev.1, paragraph 74.

³ CGRFA-16/17/20, *Appendix C*.

⁴ CGRFA-16/17/18, paragraph 19.

⁵ CGRFA-16/17/20, *Appendix C*.

on the Open Foris platform. The questionnaire is presented in Annex 1 of *Appendix I* to the document *Draft Guidelines for the Preparation of Country Reports (CGRFA/WG-FGR-5/18/Inf.6)*.

6. The second section of the reporting guidelines for the Second Report will seek complementary information needed for the preparation thereof. It is proposed that the reporting guidelines used for the preparation of the first report on *The State of the World's Forest Genetic Resources* (2014) are adapted with a view to reduce the reporting burden of countries. FAO would therefore not request countries to provide any data that they will provide, or have provided, to FAO as part of other reporting processes. For example, FAO would not request any overall data on forest resources as part of the preparation of the Second Report as these data are collected through the Global Forest Resources Assessment (GFRA)⁶. The proposed complementary information for the Second Report is presented in Annex 2 of *Appendix I* to the document *Draft Guidelines for the Preparation of Country Reports (CGRFA/WG-FGR-5/18/Inf.6)*.

7. The preparation of country reports will follow the same procedure that was used for the preparation of the first Report. In May 2019, FAO will invite Members of the Commission to confirm or re-nominate National Focal Points (NFPs) on forest genetic resources, and to submit their country reports for the preparation of the Second Report by 30 June 2020. Subject to the availability of extra-budgetary resources, limited financial assistance will be made available for developing countries to support the preparation of country reports, including national workshops and other consultations with stakeholders. FAO and its partners will also explore the possibility of organizing regional or sub-regional consultations in 2019 to discuss the findings of the Second Implementation Report, to clarify reporting requirements for the preparation of the Second Report and to identify challenges and opportunities for further enhancing the conservation, sustainable use and development of forest genetic resources. More details on the timeline for the preparation of the Second Report are given in *Appendix II* to this document.

8. The data and information provided through the country reports will be complemented by data and information obtained from other relevant assessments and data providers, as well as from scientific literature. Subject to the availability of extra-budgetary resources, FAO will conduct expert meetings on selected topics to obtain specific and state-of-the-art inputs to different chapters of the Second Report. Furthermore, FAO plans to hire consultants with extra-budgetary funds, as needed, to support the preparation of the Second Report.

9. During the preparation of the Second Report, FAO will continue collaborating with regional networks on forest genetic resources and relevant international organizations, and invite them to contribute to the preparation of the Second Report.

10. If considered useful by the Working Group, FAO is ready to explore the possibility of developing a new global information system on forest genetic resources to facilitate the preparation and submission of country reports. As part of the preparation of the First Report, efforts were made to upgrade the existing REFORGEN database on forest genetic resources, initiated in 1993, to store and manage data and information from country reports. However, this turned out to be problematic due to the outdated software architecture and the design of the database. Furthermore, because of technical issues, it was not possible to create an online interface for the NFPs to access and upload the national data into REFORGEN. In 2017, FAO created an online reporting system based on the Open Foris platform for the preparation and submission of country progress reports for the First Implementation Report. The reporting system allowed NFPs to complete country progress reports online while FAO provided specific technical support, as requested. While this reporting system can also be used for preparing the country reports for the Second Report, it has limited functionalities in terms of making

⁶ Global Forest Resources Assessment 2020. Guidelines and specifications. Forest Resources Assessment Working Paper 189, FAO, Rome. <http://www.fao.org/3/I8699EN/i8699en.pdf>

available online the data and information submitted by countries. A new global information system on forest genetic resources could overcome these limitations.

IV. REQUIRED FINANCIAL RESOURCES

11. FAO's work on forest genetic resources is included in FAO's Strategic Programme 2 (*Make agriculture, forestry and fisheries more productive and sustainable*). For the biennium 2018-19, available resources include one regular programme post (Forestry Officer (P-4 level), Forest Genetic Resources and Biodiversity), earmarked financial resources for the organization of the Fifth Session of the Working Group and contributions of support staff to the work on forest genetic resources. The regular programme resources for the work on forest genetic resources are not expected to increase significantly from 2020 to 2023. This means that extra-budgetary resources are critical for preparing the Second Report within the given timeframe.

12. The estimated extra-budgetary resources required for the preparation and publishing of the Second Report are presented in *Appendix III* to this document. Further to the financial resources needed for supporting developing countries in the preparation of country reports, regional consultations and other costs, additional technical and support staff would have to be made available, from July 2019 to June 2023, as follows: one Forestry Officer (P3 level) and one General Service staff (G3 level). The costs of developing a possible new information system on forest genetic resources are not included in the tentative budget presented in *Appendix III*.

V. GUIDANCE SOUGHT

13. The Working Group may wish to:

- i) review and revise, as needed, the proposed outline and timeline for the preparation of the Second Report, for consideration by the Commission at its next session;
- ii) review and revise, as needed, the draft guidelines for preparing the country reports, and request the Secretariat to finalize them based on comments received from the National Focal Points by 15 September 2018, for consideration by the Commission at its next session; and
- iii) consider the development of a global information system for forest genetic resources and make a recommendation in this regard to the Commission.

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

- iv) call upon countries to submit their country reports for the preparation of the Second Report by 30 June 2020;
- v) request FAO to invite regional networks on forest genetic resources and relevant international organizations to contribute to the preparation of the Second Report; and
- vi) urge donors to support the preparation of the Second Report, taking note of the extra-budgetary resources required, as indicated in *Appendix C*.

Appendix I: Proposed outline of *The Second Report on the State of the World's Forest Genetic Resources*

Foreword

Acknowledgements

Abbreviations and Acronyms

About this publication

Executive summary

Part 1: The contributions of forest genetic resources to sustainable development

Chapter 1. Value and importance of forest genetic resources

- Definition of forest genetic resources
- Economic, environmental, social and cultural values of forest genetic resources
- The role of forest genetic resources in achieving relevant Sustainable Development Goals

Part 2: State of diversity in forests and other wooded lands

Chapter 2. State of forests

- Relevant results from the 2020 Global Forest Resources Assessment
- Drivers of change in the forest sector

Chapter 3. State of other wooded lands

- Overview based on available assessments of other wooded lands which are not classified as “forests” by the GRFA⁷

Chapter 4. State of diversity between trees and other woody plant species

- Overview based on the findings of the ongoing Global Tree Assessment by the Botanical Gardens Conservation International and the IUCN/SSC Global Tree Specialist Group, and the data available from the GlobalTreeSearch database

Chapter 5. State of diversity within trees and other woody plants species

- Overview of inventories, characterization and monitoring of forest genetic resources based on scientific literature and other available information, including relevant data and information from the country reports

Part 3: State of forest genetic resources conservation

Chapter 6. *In situ* conservation of forest genetic resources

- Conservation of forest genetic resources in natural and planted forests

⁷ Global Forest Resources Assessment 2020. Terms and Definitions. Forest Resources Assessment Working Paper 188, FAO, Rome. <http://www.fao.org/3/I8661EN/i8661en.pdf>

Chapter 7. *Ex situ* conservation of forest genetic resources

- Conservation of forest genetic resources in *ex situ* conservation stands, provenance and progeny trials, seed banks, clonal collections etc.

Part 4: State of use, development and management of forest genetic resources conservation

Chapter 8. The state of use

- Selection, production, delivery and deployment of forest reproductive material
- Economic and livelihood aspects of forest reproductive material

Chapter 9. The state of genetic improvement and breeding programmes

- Status and trends of tree improvement and breeding programmes
- Productivity gains and economic aspects

Chapter 10. Management of forest genetic resources

- Genetic considerations in managing natural and planted forests and their economic implications
- Consequences of the changes in the forest sector for forest genetic resources and their management

Part 5: State of capacities and policies

Chapter 11. Institutional framework for the conservation, use and development of forest genetic resources

- Capacities for the conservation, use and development of forest genetic resources
- National coordination mechanisms and other institutions dealing with forest genetic resources
- Policies and strategies relevant for forest genetic resources
- Stakeholders involved in the conservation, use and development of forest genetic resources
- Research and development

Chapter 12. International and regional cooperation on forest genetic resources

- International organizations and regional networks dealing with forest genetic resources
- Contributions of international and regional cooperation to the conservation, use and development of forest genetic resources

Part 6: Challenges and opportunities

Chapter 13. Recommended actions for the future

- Availability of information on forest genetic resources
- Conservation of forest genetic resources
- Use, development and management of forest genetic resources
- Policies, institutions and capacity-building

References

Annexes

Appendix II: Proposed timeline for the preparation of *The Second Report on the State of the World's Forest Genetic Resources*

	2018				2019			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ITWG-FGR-5 considers the preparation of the Second Report								
Mobilization of extra-budgetary resources for the preparation of the Second Report								
Finalization of Guidelines for the Preparation of Country Reports for CGRFA-17								
CGRFA-17 considers the preparation of the Second Report								
Development of a global information system (possible activity)								
Preparation of country reports for the Second Report								
Regional consultations								

	2020				2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Preparation of country reports for the Second Report								
Regional consultations								
ITWG-FGR-6 considers the status of preparation of the Second Report								
Data cleaning and analyses								
Preparation of data and information syntheses for different chapters								
CGRFA-18 considers the status of preparation of the Second Report								
Expert meetings on selected topics relevant for the Second Report								
Preparation of draft chapters of the Second Report								
Peer-review of draft chapters of the Second Report								

Appendix III: Estimated extra-budgetary resources required for the preparation of *The Second Report on the State of the World's Forest Genetic Resources* (amounts in USD 1,000)⁸

Item	2018-19	2020-21	2022-23	Total
National stakeholder consultations and preparation of the country reports (70 x USD10,000/country)	700			700
Regional and sub-regional consultations (Asia, Africa, Near East, LAC, Pacific; USD 125,000/region)	500	125		625
Expert meetings (4) (USD30,000/meeting)		120		120
Consultants supporting the preparation of the SoW-FGR-2	34	269	51	354
Technical and administrative support (1 Forestry Officer (P3), 1 General Service staff (G3), 48 months each)	119	476	357	952
Operations (staff travel, consumables, miscellaneous costs)	30	30	30	90
Production, printing and distribution; preparation of summaries and infographics in 6 languages; launching of the Second Report			170	170
Sub-total				3,011
Project servicing costs (13%)				391
Total				3,402

⁸ The costs of developing a possible new information system on forest genetic resources are not included in the tentative budget.