



Food and Agriculture
Organization of the
United Nations



The International Treaty
ON PLANT GENETIC RESOURCES
FOR FOOD AND AGRICULTURE

Second Reporting Cycle
Report on the implementation of the International
Treaty on Plant Genetic Resources for Food and
Agriculture (ITPGRFA)
JAPAN

(28 March 2023)



ONLINE REPORTING SYSTEM

Second Report on Compliance of ITPGRFA

Online Reporting System on Compliance of the International Treaty on Plant Genetic Resources for Food and Agriculture

Pursuant to Article 21 of the Treaty, the Governing Body approved, at its Fourth Session, the Compliance Procedures that include, among others, provisions on monitoring and reporting: Resolution 2/2011.

According to the Compliance Procedures, each Contracting Party is to submit to the Compliance Committee, through the Secretary, a report on the measures it has taken to implement its obligations under the Treaty. This Online Reporting Systems facilitates the submission of such information in electronic format.

Should you need any additional information regarding the reporting on compliance or the use of the online system, please visit the Treaty's Website or contact the Secretariat at PGRFA-Treaty@fao.org.

Additional Reporting Information

Name and contact of the reporting officer

>>> Eiji Hatano

Institution(s) of affiliation

>>> Ministry of Agriculture, Forestry and Fisheries

Article 4: General Obligations

1. Are there any laws, regulations procedures or policies in place in your country that implement the Treaty?

Please select only one option

☒ Yes

☐ No

1A. If your answer is 'yes', please provide details of such laws, regulations, procedures or policies:

>>> The Genebank Project articulated in the Medium to Long-term Plan of the National Agriculture and Food Research Organization (NARO) provides the basis of implementing the Treaty, on conserving, exploring, collecting, evaluating, characterizing and documenting/disseminating reports on plant genetic resources for food and agriculture (PGRFA).

2. Are there any other laws, regulations, procedures or policies in place in your country that apply to plant genetic resources?

Please select only one option

☒ Yes

☐ No

2A. If your answer is 'yes', please provide details of such laws, regulations, procedures or policies:

>>> - Act on Conservation of Endangered Species of Wild Fauna and Flora (Act No. 75 of 1992):

The act provides for necessary measures to conserve endangered species of wild fauna and flora.

- Plant Variety Protection and Seed Act (Act No. 83 of 198):

The act provides the legal basis of registering plant varieties, aimed at protecting new plant varieties.

3. Is there any law, regulation, procedure or policy in place in your country that needs to be adjusted / harmonized to ensure conformity with the obligations as provided in the Treaty?

Please select only one option

☐ Yes

☒ No

3A. If your answer is 'yes', please provide details of such adjustments and any plans to make those adjustments:

>>>

Article 5: Conservation, Exploration, Collection, Characterisation, Evaluation and Documentation of Plant Genetic Resources for Food and Agriculture

4. Has an integrated approach to the exploration, conservation and sustainable use of plant genetic resources for food and agriculture (PGRFA) been promoted in your country?

Please select only one option

☒ Yes

☐ No

5. Have PGRFA been surveyed and inventoried in your country?

Please select only one option

☒ Yes

☐ No

5A. If your answer is 'yes', please provide details of your findings, specifying species, sub-species and /or varieties, including those that are of potential use.

>>> The NARO Genebank Project has annually reported PRGRA surveys as Annual Report on Exploration and Introduction of Plant Genetic Resources.

https://www.gene.affrc.go.jp/publications.php#plant_report

You have attached the following documents to this answer.

[list5A.xlsx](#)

5B. If your answer is 'no', please indicate:

Any difficulties encountered in surveying or inventorying PGRFA;

Any action plans to survey and inventory PGRFA;

The most important PGRFA that should be surveyed and inventoried

>>>

6. Has any threat to PGRFA in your country been identified?

Please select only one option

☒ Yes

☐ No

6A. If your answer is 'yes', please indicate:

The species, subspecies and/or varieties subject to such threats;

The sources (causes) of these threats;

Any steps taken to minimise or eliminate these threats;

Any difficulties encountered in implementing such steps;

>>> ●The species, subspecies and/or varieties subject to such threats;

In situ conservation of some farmers' varieties/landraces and crop wild relatives are under precarious condition. Such crop wild relatives (e.g. *Glycine max* subsp. *formosana*, *Vigna nakashimae*, *Citrus Tachibana*) are identified in 'Red list of Japan' in 2020 (<https://www.env.go.jp/content/900515981.pdf>).

●The sources (causes) of these threats;

Environmental changes attributable to the destruction of habitats and illegal collections. Decrease in the number of farmers who have growing farmers' varieties/landraces.

●Any steps taken to minimise or eliminate these threats;

Promotion of in situ conservation by establishing the Natural Habitat Protection Areas under the Act on Conservation of Endangered Species of Wild Fauna and Flora (Act No. 75 of 1992), and ex situ conservation via the NARO Genebank Project and botanical gardens. Also, the Project is collecting information on farmers' varieties/landraces distributed in Japan and promoting ex situ conservation.

●Any difficulties encountered in implementing such steps:

Some wild species in in situ conserved protected areas are still collected illegally. In case of ex situ conservation, there can be technical difficulties associated with maintaining genetic diversity, especially in vegetative plant propagation. Also, some farmers' varieties/landraces have been stored without cultivation for a long time, making it difficult to germinate their seeds.

7. Has the collection of PGRFA and relevant associated information on those plant genetic resources that are under threat or are of potential use been promoted in your country?

Please select only one option

☒ Yes

☐ No

7A. If your answer is 'yes', please provide details of the measures taken:

>>> Japan is collecting information on endangered wild plant species and publishes the country's Red List. Japan is also collecting endangered crop wild relatives to conserve them ex situ. Also, the NARO Genebank project has been investigated the distribution of farmers' varieties/landraces and worked on a list.

8. Have farmers and local communities' efforts to manage and conserve PGRFA on-farm been promoted or supported in your country?

Please select only one option

☒ Yes

☐ No

8A. If your answer is 'yes', please provide details of the measures taken:

>>> The Ministry of Agriculture, Forestry and Fisheries (MAFF) supports local farmers' efforts to maintain and conserve PGRFA, based on Article 4 (14) of the Act for Establishment of the Ministry of Agriculture, Forestry and Fisheries (Act No. 98 of 1999). Local governments also promote production of traditional vegetables in order to support local farmers.

9. Has in situ conservation of wild crop relatives and wild plants for food production been promoted in your country?

Please select only one option

☒ Yes

☐ No

9A. If your answer is 'yes', please indicate whether any measures have been taken to:

☒ Promote in situ conservation in protected areas

☐ Support the efforts of indigenous and local communities

9B. If such measures have been taken, please provide details of the measures taken:

>>> In situ conservation of crop wild relatives and wild plants for food production has been promoted through the environment conservation measures applied in the special conservation zones of National Parks and quasi-National Parks, the primeval natural environment conservation areas and the special zones of the natural environment conservation areas.

Plants in these areas are strictly protected. For example, a permit from the Minister of the Environment is required to pick plants in National Parks.

Anyone violating the law is ordered to suspend such activities, and is subject to fines or imprisonment.

10. Are there any ex situ collections of PGRFA in your country?

Please select only one option

☒ Yes

☐ No

10 A. If your answer is 'yes', please provide information on the holder and content of such collections:

>>> The NARO Genebank Project provides information on ex situ collections of Japanese PGRFA at the following URL.

https://www.gene.affrc.go.jp/databases-plant_search_en.php

11. Has the development of an efficient and sustainable system of ex situ conservation of PGRFA been promoted in your country?

Please select only one option

☒ Yes

☐ No

11A. If your answer is 'yes', please indicate the measures taken to promote ex situ conservation, in particular any measures to promote the development and transfer of technologies for this purpose:

>>> Japan commissions the Research Center of Genetic Resources, NARO (NGRC) to engage in ex situ conservation of PGRFA through its Genebank Project. This Project promotes systematic ex situ conservation of PGRFA through measures such as low and ultra-low temperature preservation and vegetative reproduction. The NGRC continuously develops new cryopreservation techniques for plants, to which the current techniques are difficult to apply. The cryopreservation techniques are shared with researchers of other countries through collaborative research and/or training.

12. Has the maintenance of the viability, degree of variation, and the genetic integrity of ex situ collections

of PGRFA been monitoring in your country?

Please select only one option

☒ Yes

☐ No

12A. If your answer is 'yes', please provide details of the main conclusions of these monitoring activities

>>> The NARO Genebank Project monitors seed viabilities of ex situ collections of PGRFA through germination tests every five years, by which approximately 20,000-30,000 accessions are checked every year. Accessions with low germination rates are subject to regeneration. The project also characterizes and evaluates accessions during regeneration to confirm the degree of genetic variation and genetic integrity.

13. Has your country cooperated with other Contracting Parties, through bilateral or regional channels, in the conservation, exploration, collection, characterization, evaluation or documentation of PGRFA?

Please select only one option

☒ Yes

☐ No

13A. If your answer is 'yes', please indicate the other Contracting Parties with whom the cooperation was undertaken (where additional to cooperation through the Governing Body or Treaty mechanisms) and, where possible, details of any relevant projects:

>>> Japan has been carrying out the following projects focused on PGRFA since 2021:

(1) PGR Asia project: A 5-year research project in collaboration with four Contracting Parties (Cambodia, Lao PDR, Myanmar and Kyrgyz) and one non-Contracting Party (Viet Nam) in the Asian region (2021-2025), focusing on six types of vegetables. This project aims to promote the conservation, characterization, evaluation, and sustainable use of plant genetic resources.

Article 6: Sustainable Use of Plant Genetic Resources for Food and Agriculture

14. Are there any policy and legal measures in place in your country that promote the sustainable use of PGRFA

Please select only one option

- ☒ Yes
☐ No

14A. If your answer is 'yes', please indicate whether such policy and legal measures include:

- ☒ Pursuing fair agricultural policies that promote the development and maintenance of diverse farming systems that enhance the sustainable use of agricultural biological diversity and other natural resources;
☒ Strengthening research that enhances and conserves biological diversity by maximizing intra- and inter-specific variation for the benefit of farmers;
☒ Promoting plant breeding efforts, with the participation of farmers, that strengthen the capacity to develop varieties particularly adapted to social, economic and ecological conditions, including in marginal areas;
☒ Broadening the genetic base of crops and increasing the range of genetic diversity available to farmers
☒ Promoting the expanded use of local and locally adapted crops, varieties and underutilised species
☐ Supporting the wider use of diversity of varieties and species in on-farm management, conservation and sustainable use of crops and creating strong links to plant breeding and agricultural development
☐ Reviewing and adjusting breeding strategies and regulations concerning variety release and seed distribution

14B. If such policy and legal measures are in place, please provide details of the measures taken and any difficulties encountered in implementing them:

>>> (1) In accordance with medium- and long- term plan of NARO Genebank project, MAFF promotes exploration and collection of PGRFA, which intends to enhance and conserve biological diversity and broaden the genetic basis for agricultural breeding for farmers.

(2) Difficulties: To promote the sustainable use of PGRFA, it is necessary to improve its value through such as functional and genomic analyses, and resistance evaluation.

Article 7: National Commitments and international Cooperation

15. Has the conservation, exploration, collection, characterization, evaluation, documentation and sustainable use of PGRFA been integrated into your country's programmes and policies?

Please select only one option

- ☒ Yes
☐ No

15A. If your answer is 'yes', please provide details of the integration of such activities:

- ☒ Conservation
☒ Exploration
☒ Collection
☒ Characterization
☒ Evaluation
☒ Documentation
☒ Sustainable Use

Please indicate into which type of programmes and policies:

- ☒ Agriculture and rural development
☒ Food security
☒ Biodiversity conservation
☒ Climate change
☐ Other

Additional details:

>>>

16. Has your country cooperated with other Contracting Parties, through bilateral or regional channels, in the conservation and sustainable use of PGRFA?

Please select only one option

- ☒ Yes
☐ No

16A. If your answer is 'yes', please indicate whether the aim of such cooperation is to:

- ☒ Strengthen the capability of developing countries and countries with economies in transition with respect to conservation and sustainable use of PGRFA
☒ Enhance international activities to promote conservation, evaluation, documentation, genetic enhancement, plant breeding, seed multiplication, and sharing, providing access to and exchanging PGRFA and appropriate information and technology, in conformity with the Multilateral System of Access and Benefit-Sharing under the Treaty

16B. If, in addition to cooperation through the Governing Body or other Treaty mechanisms, your country has cooperated with other Contracting Parties directly or through FAO and other relevant international organizations, please indicate such other Contracting Parties and, where possible, details of any relevant projects:

>>>

Article 8: Technical Assistance

17. Has your country promoted the provision of technical assistance to developing countries and countries with economies in transition, with the objective of facilitating the implementation of the Treaty?

Please select only one option

- ☒ Yes
- ☐ No
- ☐ Not applicable

17A. If your answer is 'yes', please provide details of the measures taken

- ☒ Exchange of information
- ☒ Access to and transfer of technology
- ☒ Capacity building

Please explain:

>>> Japan has promoted collaborative research projects including technical assistance. The projects contain invitation of scientists from developing member countries aimed at transfer of technology for characterization, evaluation, and sustainable use of PGRFA. E.g. A collaborative research project, titled "Bringing Stability to World Food Supplies with Japanese Technology+Mexican Resources"
http://www.jst.go.jp/global/english/kadai/h2407_mexico.html

18. Has your country received technical assistance with the objective of facilitating the implementation of the Treaty?

Please select only one option

- ☐ Yes
- ☒ No
- ☐ Not applicable

18 A. If your answer is 'yes', please provide details of such technical assistance:

- ☐ Exchange of information
- ☐ Access to and transfer of technology
- ☐ Capacity building

Please explain:

>>>

Article 9: Farmers' Rights

19. Subject to national law, as appropriate, have any measures been taken to protect and promote farmers' rights in your country?

Please select only one option

- ☒ Yes
☐ No

19 A. If your answer is 'yes', please indicate whether such measures were related to:

- ☐ Recognition of the enormous contribution that local and indigenous communities and farmers of all regions of the world have made and will continue to make for the conservation and development of plant genetic resources;
☒ The protection of traditional knowledge relevant to PGRFA
☒ The right to equitably participate in sharing benefit arising from the utilisation of PGRFA
☒ The right to participate in making decisions, at the national level, on matters related to the conservation and sustainable use of PGRFA
☐ Any rights that farmers have to save, use, exchange, and sell farm-saved seed/propagating material

19B. If such measures were taken, please provide details of the measures taken and any difficulties encountered in implementing them:

>>> ●The Ministry of Agriculture, Forestry and Fisheries of Japan, in collaboration with the National Agriculture and Food Research Organization (NARO), has started to create a database for farmer's varieties/landraces in Japan since 2018. The database will store information on agricultural and consumption-related traits, origin, traditional usage and current conditions of farmers' varieties/ landraces, with the aim to utilize the information for conservation, utilization and breeding purposes.

●The farmers participate in several national-level councils as members (e.g., the Council of Food, Agriculture and Rural Area Policies and the Agricultural Materials Council).

●The NARO Genebank Project, which started in 1985, builds on various previous initiatives. Its activities are directed toward conservation, exploration, collection, characterization, evaluation, distribution and documentation of PGRFA, including farmers' varieties/landraces. The project develops and applies advanced technology to improve genebank operations, e.g. low/ultra-low temperature preservation and reproduction techniques. The Research center of Genetic Resources continuously develops new cryopreservation techniques for vegetatively propagated plant genetic resources, for which more systematic procedures are needed and/or to which the current techniques are difficult to apply. Such techniques can be shared with researchers of other countries through collaborative research and training. Genetic resources are distributed, together with relevant information, to users for breeding, scientific studies and educational purposes.

Article 11: Coverage of the Multilateral System

20. Has your country notified all PGRFA listed in Annex I to the Treaty that are under the management and control of your Government and in the public domain as included in the Multilateral System of Access and Benefit-Sharing (MLS)?

Please select only one option

- ☐ All
- ☒ Partially
- ☐ None

20A. If your answer is 'all', please provide details of any difficulties encountered in including Annex 1 PGRFA in the MLS:

>>>

20B. If your answer is 'partially', please provide details of:

The extent to which Annex 1 PGRFA have been included in the MLS

The crops that have been included in the MLS; and

The difficulties encountered in including Annex 1 PGRFA in the MLS:

>>> The extent to which Annex 1 PGRFA have been included in the MLS;

It encompasses a part of the following crop groups categorized by the NARO Genebank Project: rice, wheat and barley, root and tuber crops, grasses and forage crops.

The crops that have been included in the MLS;

Oat, Sweet Potato, Rice, Rye, Potato, Sorghum, Triticale, Fava Bean / Vetch, Wheat, Maize, Legume Forages, Grass Forages

The difficulties encountered in including Annex 1 PGRFA in the MLS;

However, it is time-consuming and makes a big effort to confirm that the PGRFA conserved at the NARO Genebank Project are in the public domain under Article 11.2 of the Treaty. Also, some PGRFA are difficult to propagate, making it difficult to secure enough seeds or seedlings to provide.

20C. If your answer is 'none', please provide details of the difficulties encountered in including Annex 1 PGRFA in the MLS:

- ☐ Lack of guidelines for the identification and inclusion of material;
- ☐ There is no national genebank;
- ☐ Lack of catalogue of PGRFA in the country;
- ☐ Lack of specialised human resources;
- ☐ Limited economic resources and the need for capacity building;

Other, please explain:

>>>

21. Has your country taken measures to encourage natural and legal persons within your jurisdiction who hold Annex 1 PGRFA to include those resources in the MLS?

Please select only one option

- ☒ Yes
- ☐ No

21A. If your answer is 'yes', please provide details of:

The natural or legal persons within your jurisdiction that included Annex 1 PGRFA in the MLS;

The crops that have been included in the MLS by these persons; and

Any difficulties these persons encountered in including Annex 1 PGRFA in the MLS:

>>> The MLS has not yet received any PGRFA directly from any individual or corporation.

21B. If your answer is 'no', please provide details, in particular details of any difficulties encountered in encouraging these persons to include Annex 1 PGRFA in the MLS:

>>>

Article 12: Facilitated access to plant genetic resources for food and agriculture within the Multilateral System

22. Has your country taken measures to provide facilitated access to Annex 1 PGRFA, in accordance with the conditions set out in Article 12.4 of the Treaty?

Please select only one option

- ☒ Yes
☐ No

22A. If your answer is 'yes', please provide details of such measures:

>>> Japan implements Article 12.4 of the Treaty via its NARO Genebank Project. The project runs a website that allows the search and access of PGRFA that are already registered with the MLS. (See the following URL)
https://www.gene.affrc.go.jp/databases-plant_search_mls_en.php

22B. If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex 1 PGRFA:

>>>

23. Has facilitated access been provided in your country to Annex 1 PGRFA using the Standard Material Transfer Agreement (SMTA)?

Please select only one option

- ☒ Yes
☐ No

23B. If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex 1 PGRFA using the SMTA:

>>>

24. Has the SMTA been used voluntarily in your country to provide access to non-Annex 1 PGRFA?

Please select only one option

- ☐ Yes
☒ No
☐ No, but the issue is under consideration

25. Does the legal system of your country provide an opportunity for parties to material transfer agreements (MTAs) to seek recourse in case of contractual disputes arising under such agreements?

Please select only one option

- ☒ Yes
☐ No

25A. If your answer is 'yes', please provide details of the relevant laws, regulations or procedures:

>>> Under Article 3-2(3) and 3-3(i) of the Code of Civil Procedure (Act No. 109 of 1996), the defendant can find legal recourse in a contractual dispute in cases where the defendant's principal office is located in Japan and when the object of the claim (including debt) is located in Japan.

26. Does the legal system of your country provide for the enforcement of arbitral decisions related to disputes arising under the SMTA?

Please select only one option

- ☒ Yes
☐ No

26A. If your answer is 'yes', please provide details of the relevant laws, regulations or procedures:

>>> Article 45 and 46 of the Arbitration Act (Act No. 138 of 2003)

27. Have there been any emergency disaster situations in respect of which your country has provided facilitated access to Annex 1 PGRFA for the purpose of contributing to the re-establishment of agricultural systems?

Please select only one option

- ☐ Yes
☒ No

27A. If your answer is 'yes', please provide details of such emergency disaster situations and the Annex 1 PGRFA to which access was provided:

>>>

Article 13: Benefit-sharing in the Multilateral System

28. Has your country made any information available regarding Annex I PGRFA?

Please select only one option

- ☒ Yes
☐ No

28A. If your answer is 'yes', please provide details of any information made available regarding Annex 1 PGRFA:

- ☒ Catalogues and inventories
☐ Information on technologies
☒ Results of scientific and socio-economic research, including characterisation, evaluation and utilisation
☐ Other

29. Has your country provided or facilitated access to technologies for the conservation, characterisation, evaluation and use of Annex I PGRFA?

Please select only one option

- ☒ Yes
☐ No

29A. If your answer is 'yes', please indicate whether your country:

- ☒ Has established or participated in crop-based thematic groups on utilisation of PGRFA
☐ Is aware of any partnerships in your country in research and development and in commercial joint ventures relating to the material received through the MLS, human resource development and effective access to research facilities.

Please provide details:

>>>

30. Has your country provided for and/or benefitted from capacity building measures in respect of Annex 1 PGRFA?

Please note that this question differs from question 15 as it only concerns Annex I PGRFA and is more specific.

Please select only one option

- ☒ Yes
☐ No

30A. If your answer is 'yes', please indicate whether such measures were related to:

- ☐ Establishing and/or strengthening programmes for scientific and technical education and training in conservation and sustainable use of PGRFA;
☐ Developing and strengthening facilities for conservation and sustainable use of PGRFA;
☒ Carrying out scientific research and developing capacity for such research.

30B. If your country provided for and/or benefitted from such measures, please provide details:

>>> As mentioned in 17A, Japan promotes capacity building programs, including transfer of technology for characterization, evaluation and sustainable use of PGRFA via joint research programs.

Article 14: Global Plan of Action

31. Has your country promoted the implementation of the Global Plan of Action for the Conservation and Sustainable Use of Plant Genetic Resources for Food and Agriculture?

Please select only one option

- ☒ Yes
☐ No

31A. If your answer is 'yes', please indicate whether the implementation of the plan was promoted through:

- ☒ National actions
☒ International cooperation
☐ Other actions

Please provide details:

>>> For the implementation of GPA, Japan has promoted the following relevant projects:

Example 1: The activities of the Genetic Resources Center at the NARO serve to sustain and expand ex situ conservation of germplasm, as well as regenerating and multiplying ex situ accessions. (This activity is aligned with the GPA objective of “Supporting targeted collecting of plant genetic resources for food and agriculture”).

Example 2: Japan promotes diversification of crop production and broadening crop diversity for sustainable agriculture via the provision of its Official Development Assistance (ODA) to International Institute of Tropical Agriculture (IITA) (This activity is aligned with the GPA objective of “Supporting seed production and distribution”).

Article 15: Ex Situ Collections of Plant Genetic Resources for Food and Agriculture held by the International Agricultural Research Centres of the Consultative Group on International Agricultural Research and other International Institutions

32. Has facilitated access to Annex I PGRFA been provided in your country to the International Agricultural Research Centres of the Consultative Group on International Agricultural Research (IARCs) or other international institutions that have signed agreements with the Governing Body of the Treaty?

Please select only one option

☒ Yes

☐ No

32A. If your answer is 'yes', please indicate:

To which IARCs or other international institutions facilitated access was provided;

The number of SMTAs entered into with each IARC or other international institution:

>>> Although the NARO Genebank project has been ready for providing facilitated access, no request has been received thus far.

32B. If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex 1 PGRFA to IARCs and other international institutions that have signed agreements with the Governing Body of the Treaty

>>>

33. Has access to non-Annex I PGRFA been provided in your country to IARCs or other international institutions that have signed agreements with the Governing Body of the Treaty?

Please select only one option

☒ Yes

☐ No

33A. If your answer is 'yes', please indicate:

To which IARCs or other international institutions access was provided;

The number of MTAs entered into with each IARC or other international institution:

>>> Although the NARO Genebank project has been ready for providing access, no request has been received thus far.

33B. If your answer is 'no', please provide details of any difficulties encountered in providing access to non-Annex 1 PGRFA to IARCs and other international institutions that have signed agreements with the Governing Body of the Treaty:

>>>

Article 16: International Plant Genetic Resources Networks

34. Has your country undertaken any activities to encourage government, private, non- governmental, research, breeding and other institutions to participate in the international plant genetic resources networks?

Please select only one option

☒ Yes

☐ No

34A. If your answer is 'yes', please provide details of such activities:

>>> Japan has shared information about the international PGR networks to the national research and development agencies, private sectors, universities, and other institutions related to PGRFA utilization.

Article 18: Financial Resources

35. Has your country provided financial resources for national activities for the conservation and sustainable use of PGRFA?

Please select only one option

- ☒ Yes
☐ No

35A. If your answer is 'yes', please provide the estimated amount of funds provided during the last five years, including government resources:

>>> Approximately 2.5 billion JPY have been provided during the last five years.

35B. Please indicate if your country has developed a strategy or other measures to enhance the availability, transparency, efficiency and effectiveness of the provision of financial resources to implement the International Treaty:

>>> The MAFF funds the following national projects on PGRFA:

(1)Activities in “the NARO Genebank Project” mentioned above in 2A are directed toward conservation, exploration, collection, characterization, evaluation, distribution and documentation of PGRFA.

(2)Project for the Promotion of Utilization of Plant Genetic Resources in the field of Agriculture, Forestry and Fisheries allows the MAFF to provide information on international rules, laws and procedures on PGRFA for domestic users.

36. Has your country provided financial resources for the implementation of the International Treaty?

Please select only one option

- ☒ Yes
☐ No

36A. If your answer is 'yes', where possible, please provide details of such channels and the amount of the financial resources involved during the last 5 years::

>>>

36B Channel:

- ☒ Bilateral
☒ Regional
☒ Multilateral

36C. Please provide details:

>>> Japan has provided financial resources to Southeast Asian countries through bilateral channels and via contributions to multilateral organizations such as the Consultative Group on International Agricultural Research.(CGIAR)

37. Has your country received financial resources for the implementation of the International Treaty?

Please select only one option

- ☐ Yes
☒ No

37A. If your answer is 'yes', where possible, please provide details of such channels and the amount of the financial resources involved during the last 5 years:

>>>

37B. Channel:

- ☐ Bilateral
☐ Regional
☐ Multilateral

37C. Please provide details:

>>>

General remarks on the implementation of the ITPGRFA

38. You may use this box to share any advice you may have arising from your country's experience with implementation of the Treaty:

>>> -

39. You may use this box to share any additional information that may be useful to provide a broader perspective of difficulties in implementation of the Treaty:

>>> -

40. You may use this box to share any additional information that may be useful to provide a broader perspective of measures that could help to promote compliance:

>>> -

About this reporting

41. Have you encountered any difficulties in completing this reporting format?

Please select only one option

☐ Yes

☒ No

41A. If your answer is 'yes', please provide details on such difficulties:

>>>

41B. If you have suggestions for improvement of this reporting format, please share them:

>>>