

**Council****C/53/2****Fifty-Third Ordinary Session  
Geneva, November 1, 2019****Original:** English  
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**ANNUAL REPORT OF THE SECRETARY-GENERAL FOR 2018***Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

1. This document presents the Annual Report of the Secretary-General for 2018. Annex III to this document reports on the results achieved during 2018 according to the structure of the Program and Budget for the 2018-2019 Biennium (document C/51/4 Rev.). A list of acronyms and abbreviations is provided in the Appendix.

**EXECUTIVE SUMMARY**

2. The following is a summary of some of the key elements of the report.

Overall developments*Composition of the Union*

3. As of December 31, 2018, the Union comprised 75 members (73 States and 2 organizations), covering 94 States. Fifty-seven members were bound by the 1991 Act of the UPOV Convention, 17 members were bound by the 1978 Act and one member was bound by the 1961 Convention as amended by the 1972 Act. Details concerning the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2018, are provided in Annex I.

*Status of other States and organizations*

4. In 2018, the Council examined the conformity of the Plant Variety Protection Act of Afghanistan with the 1991 Act of the UPOV Convention.

5. As of December 31, 2018, 17 States and one organization had initiated the procedure for acceding to the UPOV Convention.

6. As of December 31, 2018, 26 States and one organization had been in contact with the Office of the Union for assistance in the development of laws based on the UPOV Convention.

*Courses, Seminars, Workshops, Missions, Important Contacts*

7. In 2018, the Office undertook a total of 112 missions (100 outside Geneva and 12 in Geneva), a list of which is provided in Annex II to this document.

8. Two sessions of each of the UPOV Distance Learning Courses were organized in English, French, German and Spanish.

## Results and performance indicators for 2018

### *Overall Policy on Plant Variety Protection (Sub-program UV.1)*

9. In 2018, the Council and the Consultative Committee reviewed the implementation of the Strategic Business Plan to diversify UPOV's revenue portfolio to maintain and enhance the sustainability of existing activities and services, as a part of which the Consultative Committee requested the development of options for the financing of the UPOV PRISMA PBR application tool and requested the development of proposals for database/IT services that UPOV might consider as potential revenue sources. As a part of the Communication Strategy, the Consultative Committee approved the engagement of UPOV in Twitter and LinkedIn. With regard to interrelations with other organizations, the Consultative Committee requested the Office of the Union to consult the Executive Secretary of the CBD and the Secretary of the ITPGRFA on how the objectives of the CBD and ITPGRFA might be reflected in the FAQ on the relationship between the UPOV Convention and other international treaties, and to explore means on how to facilitate the exchanges of experiences and information on the implementation of the UPOV Convention, the CBD and the ITPGRFA. The decision to approve the organization of a seminar on the concept of essentially derived varieties (EDV) was an important step to clarify the subject and to support discussions in the Administrative and Legal Committee.

### *Services to the Union for enhancing the Effectiveness of the UPOV System (Sub-program UV.2)*

10. The work of the Technical Working Parties and the Technical Committee on the development and revision of Test Guidelines (TG) continues to be a cornerstone for cooperation between members of the Union in the examination of Distinctness, Uniformity and Stability ("DUS"). At the same time, the harmonization provided by TG and the availability of TG data in the web-based Test Guidelines Template (TG Template) enabled the rapid expansion of UPOV PRISMA to cover all crops and species for those members of the Union that use the UPOV Test Guidelines as the basis for the technical questionnaires in their application forms. In 2018, the adopted Test Guidelines covered 94% of all PBR-related entries in the Plant Variety Database. The integration of the UPOV PRISMA, TG Template, GENIE database and PLUTO database information will be an important means of providing more efficient and effective services in the future.

### *Assistance in the Introduction and Implementation of the UPOV System (Sub-Program UV.3)*

11. The Office of the Union organized or participated in 120 missions/events in 2018, at which 116 States and 19 organizations were provided with information about the UPOV system. Seventeen States were provided with assistance in the development of PVP legislation and one State initiated the procedure to become a member of the Union. The UPOV distance learning courses had participants from 78 States and 4 organizations.

### *External Relations (Sub-Program UV.4)*

12. The publication of a series of videos produced in Canada, Kenya, Japan and Colombia, covering cherry, rose, rice and other crops, provided an important new source of information on the benefits of plant variety protection and UPOV membership. This material also provides important information for use in UPOV's various outreach activities. An area that will require investigation is the lack of growth in visit to the UPOV website and how this aspect can be improved.

13. A detailed report on results and performance indicators is provided in Annex III.

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I. COMPOSITION OF THE UNION

Members

14. As of December 31, 2018, the Union comprised 75 members (73 States and 2 organizations), covering 94 States: African Intellectual Property Organization, Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia (Plurinational State of), Bosnia and Herzegovina, Brazil, Bulgaria, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, Estonia, European Union, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Italy, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Mexico, Montenegro, Morocco, Netherlands, New Zealand, Nicaragua, North Macedonia, Norway, Oman, Panama, Paraguay, Peru, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Kingdom, United Republic of Tanzania, United States of America, Uruguay, Uzbekistan and Viet Nam.

Situation in Relation to the Various Acts of the Convention

15. On December 31, 2018, the situation of the members of the Union in relation to the Convention and its various Acts was as follows:

(a) 57 members were bound by the 1991 Act, namely: African Intellectual Property Organization, Albania, Australia, Austria, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Canada, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Estonia, European Union, Finland, France, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Montenegro, Morocco, Netherlands, North Macedonia, Oman, Panama, Peru, Poland, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Serbia, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tunisia, Turkey, Ukraine, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan and Viet Nam;

(b) 17 members were bound by the 1978 Act, namely: Argentina, Bolivia (Plurinational State of), Brazil, Chile, China, Colombia, Ecuador, Italy, Mexico, New Zealand, Nicaragua, Norway, Paraguay, Portugal, South Africa, Trinidad and Tobago and Uruguay;

(c) Belgium was bound by the 1961 Convention as amended by the 1972 Act.

16. Annex I provides the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2018.

States/organizations that have initiated the procedure to become a member of the Union

17. Under Article 34(3) of the 1991 Act, “[a]ny State which is not a member of the Union and any intergovernmental organization shall, before depositing its instrument of accession, ask the Council to advise it in respect of the conformity of its laws with the provisions of this Convention.”

18. By letter dated September 27, 2018, Afghanistan requested the examination of its “Plant Variety Protection Act” (“the Act”) for conformity with the 1991 Act of the UPOV Convention.

19. At its fifty-second ordinary session, held in Geneva on November 2, 2018, the Council examined the conformity of the Act of Afghanistan with the 1991 Act of the UPOV Convention. The Council decided to:

“(a) note the analysis in document C/52/19;

“(b) recommend that Afghanistan incorporate the amendments in the ‘Plant Variety Protection Act’, as provided in document C/52/19, and recommend that, once the amendments have been incorporated in the Act, the amended Act be submitted to the Council for examination in conformity with Article 34(3) of the 1991 Act;

“(c) request the Office of the Union to offer its assistance, at the earliest opportunity, to Afghanistan in drafting the necessary amendments to the Act; and

“(d) authorize the Secretary-General to inform the Government of Afghanistan of that decision.”

## II. SESSIONS OF THE COUNCIL AND ITS SUBSIDIARY BODIES

### Council

20. The Council held its fifty-second ordinary session on November 2, 2018, under the chairmanship of Mr. Raimundo Lavignolle (Argentina), President of the Council. The session was attended by 39 members of the Union, 5 observer States and 4 observer organizations. The report of that session is presented in document C/52/20.

21. A summary of the results achieved by the Council in 2018 is provided in Annex III to this document, under Sub-program UV.1: Overall Policy on Plant Variety Protection.

### Consultative Committee

22. The Consultative Committee held its ninety-fifth session on November 1, 2018 and on the morning of November 2, 2018, under the chairmanship of Mr. Lavignolle. A report on the work of the ninety-fifth session is contained in document C/52/17.

23. A summary of the results achieved by the Consultative Committee in 2018 is provided in Annex III to this document, under Sub-program UV.1: Overall Policy on Plant Variety Protection.

### Administrative and Legal Committee, Technical Committee, Technical Working Parties and Working Group on Biochemical and Molecular Techniques, and DNA-Profiling in Particular

24. The CAJ held its seventy-fifth session on October 31, 2018.

25. The TC held its fifty-fourth session on October 29 and 30, 2018. The TC-EDC held meetings on March 26 and 27, 2018, and October 28 and 29, 2018. The TWA held its forty-seventh session in Naivasha, Kenya, from May 21 to 25, 2018. The TWC held its thirty-sixth session in Hanover, Germany, from July 2 to 6, 2018. The TWF held its forty-ninth session in Santiago de Chile, Chile, from November 19 to 23, 2018. The TWV held its fifty-second session in Beijing, China, from September 17 to 21, 2018. The BMT held its seventeenth session in Montevideo, Uruguay, from September 10 to 13, 2018. Each of the TWP sessions was preceded by a preparatory workshop. There was no session of the TWO in 2018.

26. Further information on the work of the CAJ, TC and TWPs is contained in documents C/52/9 "Progress report of the work of the Administrative and Legal Committee", C/52/10 "Progress report of the work of the Technical Committee, the Technical Working Parties and the Working Group on Biochemical and Molecular Techniques, and DNA-Profiling in Particular", and C/53/7 "Approval of work programs for the Administrative and Legal Committee, the Technical Committee and the Technical Working Parties".

27. A summary of the results achieved by the CAJ, TC and TWPs in 2018 is provided in Annex III to this document, under Sub-program UV.2: Services to the Union for enhancing the Effectiveness of the UPOV System.

### III. COURSES, SEMINARS, WORKSHOPS, MISSIONS\*, IMPORTANT CONTACTS

#### Individual activities

28. A detailed report on the activities of the Office from January 1 to September 30, 2018 is available in document [C/52/3](#) "Report on activities during the first nine months of 2018", paragraphs 23 to 134. A summary of those activities is also provided in Annex III to this document, under Sub-Program UV.3: Assistance in the Introduction and Implementation of the UPOV System.

29. A list of missions by the Office in 2018 is available in Annex II to this document.

30. The following paragraphs report on activities from October 1 to December 31, 2018.

31. On October 1, in Geneva, the Office received the visit of Mr. Fernando António Dos Santos, Director General of ARIPO, and discussed cooperation activities between UPOV and ARIPO.

32. On October 1, in Geneva, the Office received the visit of Mr. Santiago Cevallos Mena, Executive Director of SENADI of Ecuador (*Servicio Nacional de Derechos Intelectuales*), who was accompanied by Ms. Heidi Váscones, Third Secretary, Permanent Mission of Ecuador to the WTO, and discussed developments in Ecuador.

33. On October 2, in Geneva, the Office received a visit from Ms. Shahrinah Yusof Khan, Deputy Register of the Intellectual Property Office of Brunei Darussalam. Ms. Khan reported on the intention of the Government of Brunei Darussalam to complete the procedure of accession to the 1991 Act of the UPOV Convention.

34. On October 2, in Geneva, the Office received the visit of Mr. Harry Peralta López, Director General and Registrar, Intellectual Property Registry of Nicaragua, and discussed developments in Nicaragua.

35. On October 2, in Geneva, the Office received the visit of Ms. Eliane Posso, Director of Prospective and Cooperation, and Mr. Issoufou Kabore, Director of Trademarks and other Distinctive Signs, OAPI, and discussed cooperation between UPOV and OAPI.

36. On October 3, at WTO headquarters in Geneva, the Office attended a joint session at the 2018 WTO Public Forum, organized by the Permanent Mission of Brazil to the WTO and the Brazilian Trade and Investment Promotion Agency, on the theme "Agenda 2030 and Agriculture: Innovating to Deliver".

37. On October 5, in Geneva, the Office participated in an electronic meeting via internet with representatives of the WSP Steering Committee (ISF, ISTA, OECD and UPOV) and WFO to discuss progress on the WSP. Another electronic meeting was held on December 17, 2018.

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\* Missions relate to events held outside UPOV headquarters.

38. From October 8 to 10, in Madrid, Spain, the Office participated in the ESA Annual Meeting and provided a booth in the exhibition hall to promote UPOV PRISMA.
39. On October 8, in Madrid, Spain, at the fringes of the ESA Annual Meeting, the Office participated in a meeting with the members of the WSP Steering Committee (ISF, ISTA, OECD and UPOV).
40. On October 9, in Geneva, the Office met with Mr. Mohanad Mozari Ibrahim Abdelgawad, Counselor, Permanent Mission of Egypt, and discussed the translation of the draft amendments to the IP Law (Book Four) of Egypt, in relation to the accession procedure of Egypt to the UPOV Convention.
41. From October 9 to 11, in Muscat, Oman, the Office participated in a workshop on “Strengthening the Knowledge of Effective Implementation of the Plant Breeders’ Right System in the Sultanate of Oman”, organized by the Directorate General Of Agriculture and Livestock Research (DGALR), Ministry of Agriculture and Fisheries of the Sultanate of Oman, and with the financial support of WIPO. The Office made a presentation on “Introduction to UPOV, DUS examination and cooperation, UPOV and PVP impact, UPOV Convention and other International Treaties, Enforcement of Breeders’ Rights, UPOV PRISMA PBR Application Tool”.
42. On October 10, in Geneva, the Office made a presentation, via video conference, on the “Implementation of International Convention for the Protection of New Varieties of Plants (UPOV)” to participants of the 2018 Edition of the Master of Laws (LL.M.) in Intellectual Property, organized by WIPO and the University of Turin, in cooperation with the International Training Centre of the ILO. The presentation was attended by 36 participants from: Colombia; Germany; Greece; Iceland; India; Italy; Japan; Jordan; Lao People’s Democratic Republic; Mexico; Mozambique; Paraguay; Poland; Romania; Russian Federation; Sri Lanka; Syrian Arab Republic; Thailand; United States of America There was also a participant from Hong Kong, China.
43. On October 11, in Geneva, the Office made presentations, via video conferencing, on “Intellectual Property and Biotechnology: Plant Breeders and Farmers” at the Masters Degree in Intellectual Property Program, organized by WIPO, ARIPO and the Africa University in Mutare, Zimbabwe. The program was attended by participants from: Botswana, Cameroon, Ethiopia, Gambia, Ghana, India, Kenya, Liberia, Malawi, Mozambique, Namibia, Nigeria, Rwanda, Sao Tome and Principe, Sierra Leone, Sudan, Uganda, United Republic of Tanzania, Zambia and Zimbabwe.
44. On October 11, in Hanoi, Viet Nam, the Office participated in the First Pilot Project Meeting for regional cooperation, organized by the EAPVP Forum. The meeting was attended by representatives from Japan, Malaysia, Myanmar, Viet Nam and the UPOV Office.
45. On October 11 and 12, in Basel, Switzerland, the Office participated in a conference entitled “*Genome Editing/CRISPR als Herausforderung für das Life Sciences-Recht*”, organized by the University of Basel, where it made a presentation on “UPOV’s Work on the EDV Concept”.
46. On October 17, in London, United Kingdom, the Office attended, as a guest, the BSPB Annual General Meeting in order to present the latest developments concerning UPOV PRISMA.
47. On October 18, in Nairobi, Kenya, the Office attended the AFSTA Plant Variety Protection Workshop and made presentations on “Introduction to UPOV”, “Impact of UPOV and PVP system” and on “UPOV PRISMA”. The Workshop was attended by participants from France, Kenya, Malawi, Mali, Nigeria, Rwanda, Senegal, South Africa, Sudan, Tunisia, Uganda, United Republic of Tanzania, United States of America, Zimbabwe, ARIPO and ISF.
48. On October 19 and 23, in Nairobi, Kenya, the Office attended the WIPO Forum on Strengthening IP Management in African Universities and made a presentation on “Protecting New Plant Varieties to promote Agricultural Research”.
49. On October 22, in Nairobi, Kenya, the Office participated in a UPOV PRISMA Workshop organized by KEPHIS and made a presentation on UPOV PRISMA.
50. On October 24, in Pretoria, South Africa, the Office attended a National Stakeholder Consultation on South Africa’s approval of the 1991 Act of the UPOV Convention, organized by the Department of Agriculture, Forestry and Fisheries (DAFF) of South Africa, and made a presentation on “Maximizing Benefits for Farmers and Investment in breeding through the 1991 Act of the UPOV Convention”.

51. On October 25, in Pretoria, South Africa, the Office participated in a UPOV PRISMA Workshop, organized by the DAFF of South Africa, and made a presentation on UPOV PRISMA.
52. On October 26, in Munich, Germany, the Office attended the Annual Meeting of the GRUR Expert Committee for the Protection of New Varieties of Plants (Expert Committee), and made a presentation on “UPOV PRISMA and developments in UPOV on essentially derived varieties (EDVs)”.
53. On October 29, in Geneva, at the fringes of the UPOV sessions, the Office received the visit of a delegation from the Ministry of Agriculture and Land Reclamation of Egypt, consisting of Mr. Saad Nassar, Advisor, Mr. Alaa Azouz Salama Abdelmaksoud, Vice President of Agricultural Research Center, and Mr. Gamal Mahmoud Elazzab, Head, Central Administration for Seed Testing and Certification (CASC), to discuss progress on the amendments to the Draft provisions of Book Four “Plant Varieties” of Law No. 82 of 2002 Pertaining to the Protection of Intellectual Property Rights” of Egypt and the procedure to become a member of UPOV.
54. On October 30, in Geneva, at the fringes of the UPOV sessions, the Office received the visit of a delegation of Kazakhstan, consisting of Mr. Talgat Azhgaliyev, Chairman, State Commission for Variety Testing of Crops, and Mr. Gaziz Seitzhanov, Third Secretary, Permanent Mission of Kazakhstan, to discuss assistance for the preparation of the amendments to the PVP Law and to provide documents concerning the procedure to become a UPOV member.
55. On November 1, in Geneva, at the fringes of the UPOV sessions, the Office participated in a meeting with representatives of China, Germany, European Union, Japan, Netherlands, Republic of Korea and USPTO to discuss cooperation in Asia.
56. On November 2, in Geneva, at the fringes of the UPOV sessions, the Office received the visit of a delegation of Nigeria to discuss developments in Nigeria and the procedure to become a member of UPOV.
57. On November 5 and 6, in Hanoi, Viet Nam, the Office participated in a Study Visit on Plant Variety Protection, organized by IPKey SEA. The study visit was attended by 15 participants from: European Union; Japan; Malaysia; Thailand; United States of America; and Viet Nam. The Office made a presentation on “Overview of the Benefits of Plant Variety Protection and Membership in UPOV”.
58. On November 5 and 6, in Ulaanbaatar, Mongolia, the Office participated in meetings with the Working Group responsible for drafting the Plant Variety and Seed Act, organized by the Ministry of Food, Agriculture and Light Industry (MOFALI) of Mongolia, with the financial assistance of the German-Mongolian cooperation project for sustainable agriculture (DMKNL).
59. On November 8 and 9, in Yogyakarta, Indonesia, the Office participated in a Conference on the benefits of membership in the International Union for the Protection of New Varieties of Plants, organized by IPKey SEA. The conference was attended by 24 participants from: European Union; Indonesia; Japan; Malaysia; Thailand; United States of America; and Viet Nam. The Office made presentations on “Benefits of Membership in UPOV” and “Main Features of the UPOV”.
60. On November 8 and 9, in Bogota, Colombia, the Office attended the Colombian Seed Congress, organized by the Colombian Seed and Biotechnology Association (Acosemillas) and the Colombian Agriculture and Livestock Institute (ICA).
61. On November 9, in Geneva, the Office made a presentation, via video conference, on “Plant Variety Protection and the International Union for the Protection of New Varieties of Plants (UPOV)” to participants of the 2018 Edition of the Master’s Degree in Intellectual Property with specialization in Design (MIP in Design), organized by WIPO and Tongji University. The presentation was watched by 32 participants from: Cambodia, China, Cuba, Georgia, Ghana, India, Lao People’s Democratic Republic, United Republic of Tanzania and Zimbabwe.
62. From November 11 to 14, in Manila, Philippines, the Office attended the APSA Asian Seed Congress 2018. The Office made a presentation on “UPOV PRISMA: a tool to facilitate of breeders’ rights applications” at the Working Group of Integrated Vegetable Seed Companies, held on November 11, 2018, and the Standing Committee on Intellectual Property Rights & Biodiversity, held on November 14, 2018.
63. On November 13, in Alicante, Spain, the Office attended the inauguration of the Module on Plant Variety Protection, as part of the Master in Intellectual Property of the University of Alicante (Magister Lvcentinvs), and gave a lecture on “UPOV Convention and benefits of the plant variety protection system” to students from the

following countries: Bulgaria, Czech Republic, Germany, Guatemala, Ireland, Italy, Lithuania, Mexico, Netherlands, Panama, Paraguay and Spain.

64. On November 19, in Windhoek, Namibia, the Office attended the Open Session of the ARIPO Administrative Council.

65. On November 20, in Windhoek, Namibia, the Office participated in a Seminar on Plant Variety Protection, organized by ARIPO in cooperation with UPOV and with the assistance of the USPTO. The Seminar was attended by participants from: Botswana, Eswatini, Gambia, Ghana, Kenya, Lesotho, Liberia, Malawi, Mauritius, Mozambique, Namibia, Nigeria, Rwanda, Sao Tome and Principe, Sierra Leone, Seychelles, Sudan, Uganda, United Republic of Tanzania, Zambia, Zimbabwe, AFSTA, ARIPO, COMESA, CPVO, EPO, OAPI and WIPO. The speakers were from Kenya, United Republic of Tanzania, Viet Nam, the European Union, AFSTA, ARIPO, OAPI and UPOV.

66. On November 27, the Office met with Ms. Shaima Nasser Al-Akel, International Organizations Executive, Office of the United Arab Emirates to the WTO, to discuss the proposed amendments to the PVP Law of the United Arab Emirates and the procedure to become a member of UPOV.

67. On November 30, in Geneva, the Office participated in an interview via video conferencing with Ms. Franziska Velt, a master student, as part of her research work for her master thesis on the topic "How does the impact of plant variety protection systems based on UPOV 1991 differ from the sui-generis system in India in terms of seed sovereignty in countries of the Global South".

68. On December 5, in Geneva, the Office met a delegation from the China Intellectual Property Training Center (CIPTC), China National Intellectual Property Administration (CNIPA), during their visit to WIPO headquarters, to discuss distance learning opportunities.

69. On December 5 and 6, in Angers, France, the Office attended the Annual Meeting between the CPVO and its Examination Offices.

70. From December 5 to 7, in Beijing, China, the Office participated in a meeting on UPOV PRISMA with the Development Center of Science and Technology (DCST), Ministry of Agriculture and Rural Affairs (MARA) of China.

71. On December 6, in Paris, France, the Office attended the award ceremony of "Les insignes de Chevalier de l'Ordre National du Mérite" to Jean-Christophe Gouache, Corporate Vice President of International Affairs at Groupe Limagrain Holding SA and Deputy Managing Director at Limagrain Verneuil Holding SA. Mr. Gouache is a former President of ISF.

72. On December 19 and 20, in Vientiane, Lao People's Democratic Republic, the Office participated in a Workshop on Awareness of Protection of Plant Variety under the UPOV Convention, organized by the EAPVP Forum Secretariat. The workshop was attended by 41 participants from: Japan, Lao People's Democratic Republic, Myanmar, and Viet Nam. The Office made a presentation on "Basic Principles of UPOV Convention and Benefits of UPOV membership". At the fringes of the workshop, the Office participated in a consultation meeting with Mr. Saybandith Sayavongkhamdy, Director of Policy and International Affairs, Department of Intellectual Property (DIP), Ministry of Science and Technology, and Ms. Sida Youtrichanthachack, Deputy Director General of DIP, in order to discuss UPOV membership matters.

73. On December 20, in Geneva, the Office received the visit of Ms. Maria Ryazanova, Second Secretary, Permanent Mission of the Russian Federation, and discussed cooperation between UPOV and the Russian Federation.

74. This report does not contain information on meetings concerning the development of UPOV PRISMA that were held in Geneva or via electronic means.

### Distance Learning Courses

75. Two sessions of each of the following UPOV Distance Learning Courses were held in English, French, German and Spanish from March 5 to April 8, 2018, and from October 1 to November 4, 2018:

- DL-205 “Introduction to the UPOV System of Plant Variety Protection under the UPOV Convention”;
- DL-305 “Examination of applications for plant breeders’ rights”;
- DL-305A “Administration of Plant Breeders’ Rights (Part A of DL-305 course: Examination of applications for plant breeders’ rights)”;
- DL-305B “DUS Examination (Part B of DL-305 course: Examination of applications for plant breeders’ rights)”.

76. A breakdown of the students participating in the UPOV distance learning courses DL-205 and DL-305 is included in Annex III, Sub-Program UV.3, performance indicator 4(a) “Participation in distance learning courses”.

### IV. RELATIONS WITH STATES AND ORGANIZATIONS

77. The Office provided assistance on plant variety protection legislation to the following members: Japan, Mexico, Trinidad and Tobago, Uzbekistan and Viet Nam.

78. The Office provided information on the elements required for the deposit of an instrument of accession to, or ratification of the 1991 Act of the UPOV Convention, to the following members: Mexico, Nicaragua, South Africa and Trinidad and Tobago.

79. The Office provided advice and assistance on the development of plant variety protection legislation according to the 1991 Act of the UPOV Convention and/or on the procedure to accede to the UPOV Convention to Afghanistan, Brunei Darussalam, Cambodia, Egypt, Ghana, Guatemala, Honduras, Jamaica, Kazakhstan, Kuwait, Lao People’s Democratic Republic, Liechtenstein, Malaysia, Mongolia, Myanmar, Nigeria, Thailand, United Arab Emirates, Zambia and Zimbabwe.

80. The Office participated in meetings of, or had meetings with, the following intergovernmental organizations: ARIPO; European Union (CPVO); FAO; ISTA; ITPGRFA; OAPI; OECD; WIPO; and WTO.

81. The Office participated in events organized by the following non-governmental organizations: AOHE; AFSTA; ASTA; CIOPORA; ESA; ISF; and WFO.

### V. PUBLICATIONS

82. The Office published:

- (a) 121 updates of the PLUTO Plant Variety Database;
- (b) five documents adopted by the Council at its fifty-second ordinary session, held on November 2, 2018:

TGP/5, Section 1/3	Experience and Cooperation in DUS Testing”, Section 1 “Model Administrative Agreement for International Cooperation in the Testing of Varieties” (Revision)
TGP/7	Development of Test Guidelines (Revision)
UPOV/INF/4	Financial Regulations and Rules of UPOV (Revision)
UPOV/INF/16	Exchangeable Software (Revision)
UPOV/INF/22	Software and Equipment Used by Members of the Union (Revision)

83. The following Test Guidelines were adopted by the TC in 2018, either by correspondence or at its fifty-fourth session held on October 29 and 30, 2018:

**	TWP	Document No. No. du document Dokument-Nr. No del documento	English	Français	Deutsch	Español	Botanical name
<u>NEW TEST GUIDELINES / NOUVEAUX PRINCIPES DIRECTEURS D'EXAMEN / NEUE PRÜFUNGSRICHTLINIEN / NUEVAS DIRECTRICES DE EXAMEN</u>							
AR	TWA	TG/324/1	Rush wheatgrass, Tall Wheatgrass	Élytrigie	pontische Quecke, stumpfbültige Quecke	Agropiro	Thinopyrum ponticum (Podp.) Barkworth & D. R. Dewey, Elytrigia pontica (Podp.) Holub
AU	TWO	TG/325/1	Grevillea	Grevillea	Grevillea	Grevillea	Grevillea R. Br. corr. R. Br.
JP	TWV	TG/326/1	Pepino, Melon-pear	Pépino, Poire-melon	Pepino, Melonenbirne	Pepino, Pepino dulce Peramelón	Solanum muricatum Aiton, Solanum muricatum L'Hér. ex Ait.
JP	TWO	TG/327/1	Coleus, Painted-nettle	Coléus, Coliole	Buntblatt, Buntnessel	Coleus, Macho, Nene	Plectranthus scutellarioides (L.) R. Br., Coleus blumei Benth., Solenostemon scutellarioides (L.) Codd
DK	TWA	TG/328/1	Quinoa	Chénopode quinoa, Quinoa	Quinoa	Quinoa, Quinoa	Chenopodium quinoa Willd.
ZA	TWA	TG/329/1	Castorbean	Ricin	Rizinus	Higuerilla, Ricino	Ricinus communis L.
GB	TWO	TG/330/1	Hardy Geranium, Crane's Bill	Géranium	Storchschnabel	Geranio	Geranium L.
<u>REVISIONS OF TEST GUIDELINES / RÉVISIONS DE PRINCIPES DIRECTEURS D'EXAMEN ADOPTÉS / REVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES DE DIRECTRICES DE EXAMEN ADOPTADAS</u>							
GB	TWA	TG/8/7	Field Bean	Féverole	Ackerbohne	Haboncillo	Vicia faba L. var. minor Harz
DE	TWA	TG/19/11	Barley	Orge	Gerste	Cebada	Hordeum vulgare L., Hordeum lagunculiforme (Bachteev) Bachteev ex Nikif.
NL	TWO	TG/182/4	Guzmania	Guzmania	Guzmania	Guzmania	Guzmania Ruiz et Pav.
QZ	TWV	TG/259/2	Agaricus Mushroom, Button Mushroom	Agaric, Champignon de Paris	Champignon	Champiñón	Agaricus bisporus (Lange.) Sing.
ES	TWA	TG/20/11	Oats	Avoine	Hafer	Avena	Avena sativa L.
			Naked Oats	Avoine nue	Nackthafer	Avena desnuda	Avena nuda L.
ES	TWA	TG/88/7	Cotton	Cotonnier	Baumwolle	Algodón, Algodonero	Gossypium L.
NL	TWV	TG/151/5	Broccoli, Calabrese, Sprouting Broccoli, Winter broccoli	Broccoli, Chou brocoli	Brokkoli	Brécol, Brócoli, Bróculi	Brassica oleracea L. var italica Plenck, Brassica oleracea subvar. Cymosa Duchesne, Brassica oleracea var.

**	TWP	Document No. No. du document Dokument-Nr. No del documento	English	Français	Deutsch	Español	Botanical name
							cymosa (Duchesne) DC.
<u>PARTIAL REVISIONS OF TEST GUIDELINES / RÉVISIONS PARTIELLES DE PRINCIPES DIRECTEURS D'EXAMEN ADOPTÉS /</u> <u>TEILREVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES PARCIALES DE DIRECTRICES DE EXAMEN</u> <u>ADOPTADAS</u>							
NL	TWV	TG/55/7 Rev.5	Spinach	Épinard	Spinat	Espinaca	Spinacia oleracea L.
QZ	TWV	TG/76/8 Rev.2	Sweet Pepper, Hot Pepper, Paprika, Chili	Piment, Poivron	Paprika	Aji, Chile, Pimiento	Capsicum annuum L.
QZ	TWF	TG/84/4 Corr. Rev.	Japanese Plum	Prunier japonais	Ostasiatische Pflaume	Ciruelo japonés	Prunus salicina Lindl.
ES	TWV	TG/184/4 Rev.	Cardoon, Globe Artichoke, Cardoon	Artichaut, Cardon	Artischocke, Artischoke, Cardy, Gemüseartische ke-Cardy, Kardonenartische ocke	Alcachofa, Cardo	Cynara cardunculus L., Cynara scolymus L.
JP	TWO	TG/283/1 Rev.	Oncidium	Oncidium, Orchidée danseuse	Oncidium	Oncidium	Oncidium Sw.
QZ	TWV	TG/7/10 Rev.1	Pea	Pois	Erbse	Guisante, Arveja	Pisum sativum L.
NL	TWV	TG/44/11 Rev.2	Tomato	Tomate	Tomate	Tomate	Solanum lycopersicum (L.) Karst. ex. Farw.
NL	TWV	TG/294/1 Corr. Rev.2	Tomato Rootstocks	Porte-greffe de tomate	Tomatenunterla gen	Portainjertos de tomate	Solanum habrochaites S. Knapp & D.M. Spooner; Solanum lycopersicum L. x Solanum habrochaites S. Knapp & D.M. Spooner; Solanum lycopersicum L. x Solanum peruvianum (L.) Mill.; Solanum lycopersicum L. x Solanum cheesmaniae (L. Ridley) Fosberg; Solanum pimpinellifolium L. x Solanum habrochaites S. Knapp & D.M. Spooner

84. The Council is invited to note this report.

[Annexes follow]

## ANNEX I

## MEMBERS OF THE UNION

December 31, 2018

This document provides the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2018 (see Articles 31 and 32 of the 1961 Convention, Article 32(1) of the 1978 Act and Article 34(2) of the 1991 Act).

- 1<sup>st</sup> line: International Convention for the Protection of New Varieties of Plants of December 2, 1961
- 2<sup>nd</sup> line: Additional Act of November 10, 1972
- 3<sup>rd</sup> line: Act of October 23, 1978
- 4<sup>th</sup> line: Act of March 19, 1991

Member	Date of signature	Date of deposit of instrument of ratification, acceptance, approval or accession	Date of entry into force
African Intellectual Property Organization	- - -	- - June 10, 2014	- - July 10, 2014
Albania	- - -	- - September 15, 2005	- - October 15, 2005
Argentina	- - -	- - November 25, 1994	- - December 25, 1994
Australia	- - -	- - February 1, 1989 December 20, 1999	- - March 1, 1989 January 20, 2000
Austria	- - -	- - June 14, 1994 June 1, 2004	- - July 14, 1994 July 1, 2004
Azerbaijan	- - -	- - November 9, 2004	- - December 9, 2004
Belarus	- - -	- - December 5, 2002	- - January 5, 2003
Belgium	December 2, 1961 November 10, 1972 October 23, 1978 March 19, 1991	November 5, 1976 November 5, 1976 - -	December 5, 1976 February 11, 1977 - -
Bolivia (Plurinational State of)	- - -	- - April 21, 1999	- - May 21, 1999
Bosnia and Herzegovina	- - -	- - October 10, 2017	- - November 10, 2017

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Member	Date of signature	Date of deposit of instrument of ratification, acceptance, approval or accession	Date of entry into force
Brazil	- - - -	- - April 23, 1999 -	- - May 23, 1999 -
Bulgaria	- - - -	- - - March 24, 1998	- - - April 24, 1998
Canada	- - October 31, 1979 March 9, 1992	- - February 4, 1991 June 19, 2015	- - March 4, 1991 July 19, 2015
Chile	- - - -	- - December 5, 1995 -	- - January 5, 1996 -
China	- - - -	- - March 23, 1999 -	- - April 23, 1999 -
Colombia	- - - -	- - August 13, 1996 -	- - September 13, 1996 -
Costa Rica	- - - -	- - - December 12, 2008	- - - January 12, 2009
Croatia	- - - -	- - - August 1, 2001	- - - September 1, 2001
Czech Republic <sup>1/</sup>	- - - -	- - - October 24, 2002	- - January 1, 1993 November 24, 2002
Denmark	November 26, 1962 November 10, 1972 October 23, 1978 March 19, 1991	September 6, 1968 February 8, 1974 October 8, 1981 April 26, 1996	October 6, 1968 February 11, 1977 November 8, 1981 April 24, 1998
Dominican Republic	- - - -	- - - May 16, 2007	- - - June 16, 2007
Ecuador	- - - -	- - July 8, 1997 -	- - August 8, 1997 -
Estonia	- - - -	- - - August 24, 2000	- - - September 24, 2000

<sup>1</sup> Continuation of the accession of Czechoslovakia (instrument deposited on November 4, 1991; State bound on December 4, 1991).

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Member	Date of signature	Date of deposit of instrument of ratification, acceptance, approval or accession	Date of entry into force
European Union	- - - -	- - - June 29, 2005	- - - July 29, 2005
Finland	- - - -	- - March 16, 1993 June 20, 2001	- - April 16, 1993 July 20, 2001
France	December 2, 1961 November 10, 1972 October 23, 1978 March 19, 1991	September 3, 1971 January 22, 1975 February 17, 1983 April 27, 2012	October 3, 1971 February 11, 1977 March 17, 1983 May 27, 2012
Georgia	- - - -	- - - October 29, 2008	- - - November 29, 2008
Germany	December 2, 1961 November 10, 1972 October 23, 1978 March 19, 1991	July 11, 1968 July 23, 1976 March 12, 1986 June 25, 1998	August 10, 1968 February 11, 1977 April 12, 1986 July 25, 1998
Hungary	- - - -	- - March 16, 1983 December 1, 2002	- - April 16, 1983 January 1, 2003
Iceland	- - - -	- - - April 3, 2006	- - - May 3, 2006
Ireland	- - September 27, 1979 February 21, 1992	- - May 19, 1981 December 8, 2011	- - November 8, 1981 January 8, 2012
Israel	- - - October 23, 1991	November 12, 1979 November 12, 1979 April 12, 1984 June 3, 1996	December 12, 1979 December 12, 1979 May 12, 1984 April 24, 1998
Italy	December 2, 1961 November 10, 1972 October 23, 1978 March 19, 1991	June 1, 1977 June 1, 1977 April 28, 1986 -	July 1, 1977 July 1, 1977 May 28, 1986 -
Japan	- - October 17, 1979 -	- - August 3, 1982 November 24, 1998	- - September 3, 1982 December 24, 1998
Jordan	- - - -	- - - September 24, 2004	- - - October 24, 2004
Kenya	- - - -	- - April 13, 1999 April 11, 2016	- - May 13, 1999 May 11, 2016

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Member	Date of signature	Date of deposit of instrument of ratification, acceptance, approval or accession	Date of entry into force
Kyrgyzstan	- - - -	- - - May 26, 2000	- - - June 26, 2000
Latvia	- - - -	- - - July 30, 2002	- - - August 30, 2002
Lithuania	- - - -	- - - November 10, 2003	- - - December 10, 2003
Mexico	- - July 25, 1979 -	- - July 9, 1997 -	- - August 9, 1997 -
Montenegro	- - - -	- - - August 24, 2015	- - - September 24, 2015
Morocco	- - - -	- - - September 8, 2006	- - - October 8, 2006
Netherlands	December 2, 1961 November 10, 1972 October 23, 1978 March 19, 1991	August 8, 1967 January 12, 1977 August 2, 1984 October 14, 1996	August 10, 1968 February 11, 1977 September 2, 1984 April 24, 1998
New Zealand	- - July 25, 1979 December 19, 1991	- - November 3, 1980 -	- - November 8, 1981 -
Nicaragua	- - -	- - August 6, 2001 -	- - September 6, 2001 -
North Macedonia	- - -	- - - April 4, 2011	- - - May 4, 2011
Norway	- - - -	- - August 13, 1993 -	- - September 13, 1993 -
Oman	- - - -	- - - October 22, 2009	- - - November 22, 2009
Panama	- - - -	- - April 23, 1999 October 22, 2012	- - May 23, 1999 November 22, 2012

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Annex I, page 5

Member	Date of signature	Date of deposit of instrument of ratification, acceptance, approval or accession	Date of entry into force
Paraguay	- - -	- - January 8, 1997 -	- - February 8, 1997 -
Peru	- - -	- - July 8, 2011	- - August 8, 2011
Poland	- - -	- - October 11, 1989 July 15, 2003	- - November 11, 1989 August 15, 2003
Portugal	- - -	- - September 14, 1995 -	- - October 14, 1995 -
Republic of Korea	- - -	- - December 7, 2001	- - January 7, 2002
Republic of Moldova	- - -	- - September 28, 1998	- - October 28, 1998
Romania	- - -	- - February 16, 2001	- - March 16, 2001
Russian Federation	- - -	- - March 24, 1998	- - April 24, 1998
Serbia	- - -	- - December 5, 2012	- - January 5, 2013
Singapore	- - -	- - June 30, 2004	- - July 30, 2004
Slovakia <sup>1</sup>	- - -	- - May 12, 2009	- - January 1, 1993 June 12, 2009
Slovenia	- - -	- - June 29, 1999	- - July 29, 1999
South Africa	- - October 23, 1978 March 19, 1991	October 7, 1977 October 7, 1977 July 21, 1981 -	November 6, 1977 November 6, 1977 November 8, 1981 -

<sup>1</sup> Continuation of the accession of Czechoslovakia (instrument deposited on November 4, 1991; State bound on December 4, 1991).

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Member	Date of signature	Date of deposit of instrument of ratification, acceptance, approval or accession	Date of entry into force
Spain	- - - March 19, 1991	April 18, 1980 April 18, 1980 - June 18, 2007	May 18, 1980 May 18, 1980 - July 18, 2007
Sweden	- January 11, 1973 December 6, 1978 December 17, 1991	November 17, 1971 January 11, 1973 December 1, 1982 December 18, 1997	December 17, 1971 February 11, 1977 January 1, 1983 April 24, 1998
Switzerland	November 30, 1962 November 10, 1972 October 23, 1978 March 19, 1991	June 10, 1977 June 10, 1977 June 17, 1981 August 1, 2008	July 10, 1977 July 10, 1977 November 8, 1981 September 1, 2008
Trinidad and Tobago	- - - -	- - December 30, 1997 -	- - January 30, 1998 -
Tunisia	- - - -	- - - July 31, 2003	- - - August 31, 2003
Turkey	- - - -	- - - October 18, 2007	- - - November 18, 2007
Ukraine	- - - -	- - October 3, 1995 December 19, 2006	- - November 3, 1995 January 19, 2007
United Kingdom	November 26, 1962 November 10, 1972 October 23, 1978 March 19, 1991	September 17, 1965 July 1, 1980 August 24, 1983 December 3, 1998	August 10, 1968 July 31, 1980 September 24, 1983 January 3, 1999
United Republic of Tanzania		- - - October 22, 2015	- - - November 22, 2015
United States of America	- - October 23, 1978 October 25, 1991	- - November 12, 1980 January 22, 1999	- - November 8, 1981 February 22, 1999
Uruguay	- - - -	- - October 13, 1994 -	- - November 13, 1994 -
Uzbekistan	- - - -	- - - October 14, 2004	- - - November 14, 2004
Viet Nam	- - - -	- - - November 24, 2006	- - - December 24, 2006

Total: 75 members

[Annex II follows]

## ANNEX II

## LIST OF MISSIONS\* AND ACTIVITIES, AND CONTRIBUTION TO PERFORMANCE INDICATORS IN 2018

Description of the Performance Indicators presented in the table below (see also Annex III):

**UV.3 – 1(a)** States and organizations provided with information  
**UV.3 – 1(d)** Participation in UPOV awareness-raising activities, or activities involving UPOV staff or UPOV trainers on behalf of UPOV staff  
**UV.3 – 2(a)** Meetings with government officials to discuss legislative matters  
**UV.3 – 4(b)** Training of trainers  
**UV.3 – 4(c)** Training activities developed in conjunction with UPOV  
**UV.3 – 4(d)** Participation by observer States and organizations in the CAJ, TC, TWP and the associated preparatory workshops

**UV.3 – 4(e)** Participation in UPOV activities  
**UV.3 – 4(f)** Participation in activities involving UPOV staff or UPOV trainers on behalf of UPOV staff  
**UV.3 – 4(g)** Academic courses featuring the UPOV system of plant variety protection  
**UV.3 – 4(h)** Implementation of projects with partner organizations and donors  
**UV.4 – 2(c)** Participation by stakeholders in seminars and symposia  
**UV.4 – 2(d)** Participation at meetings of, and with, relevant stakeholders  
**UV.4 – 3(a)** Participation at meetings of, and with, relevant organizations

	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>1</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e), (f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
1	08-01-18	10-01-18	Seminar on the Protection of New Plant Varieties	Hangzhou	China	Motomura	X	SFA of China	1	1			1					1		
2	12-01-18	12-01-18	AOHE General Assembly	Paris	France	Rivoire, Madhour		AOHE												1
3	23-01-18	23-01-18	Meeting with Syngenta Foundation for Sustainable Agriculture	Basel	Switzerland	Rivoire, Madhour	X	SFSA												1
4	27-01-18	29-01-18	ASTA Vegetable and Flower Seed Conference.	San Diego	United States of America	Rivoire		ASTA												1
5	29-01-18	30-01-18	Legal Consultation with the responsible authorities to explain proposed amendments of Book Four of the IP Law	Cairo	Egypt	Huerta	X	Egypt			1									
6	30-01-18	02-02-18	Ad-Hoc Working Group Meetings and Technical Working Group Meeting of the OECD Seed Schemes	Paris	France	Taveira		OECD												1
7	21-02-18	24-02-18	Workshop on "India-EU collaboration in seed sector development and plant variety protection"	New Delhi	India	Button, Huerta		India, Germany, Netherlands, CPVO	1	1								1		
8	26-02-18	01-03-18	Eighteenth AFSTA Annual Congress	Cairo	Egypt	Button, Rivoire		AFSTA												1
9	27-02-18	27-02-18	WSP Steering Committee meeting with Bill & Melinda Gates Foundation and Syngenta Foundation	Cairo	Egypt	Button, Rivoire	X	WSP (ISF, ISTA, OECD, UPOV)									1	1		
10	27-02-18	27-02-18	Courtesy visit to the Minister for Agriculture and Land Reclamation of Egypt	Cairo	Egypt	Button, Rivoire		Egypt	1		1									
11	05-03-18	05-03-18	ISF Intellectual Property Committee meeting	Zurich	Switzerland	Button, Huerta		ISF												1
12	05-03-18	07-03-18	Meeting with the CPVO on future developments for UPOV PRISMA	Angers	France	Madhour	X	CPVO, UPOV												1
13	12-03-18	12-03-18	Meeting with a Delegation from Myanmar on the legislative process of the PVP Law of Myanmar	Roelofarendsveen	Netherlands	Huerta, Motomura	X	Naktuinbouw	1		1									

\* Missions relate to events held outside UPOV headquarters.

<sup>1</sup> A list of acronyms and abbreviations is provided in the Appendix.

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>1</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e), (f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
14	14-03-18	15-03-18	15th edition of the International Career Day	Basel	Switzerland	Huerta		Switzerland											1	
15	15-03-18	15-03-18	WIPO-WTO Advanced Course on Intellectual Property for Government Officials	Geneva	Switzerland	Taveira		WIPO, WTO				1				1				
16	19-03-18	23-03-18	Thirty-fifth session of the WIPO IGC	Geneva	Switzerland	Motomura		WIPO												1
17	21-03-18	22-03-18	CPVO Administrative Council meeting	Angers	France	Button		CPVO												1
18	22-03-18	22-03-18	Meeting with CPVO and ISF	Angers	France	Button	X	CPVO, ISF, UPOV											1	1
19	22-03-18	22-03-18	Meeting on the implementation of the Nagoya Protocol and Access and Benefit Sharing	Angers	France	Rivoire		Vegepolys											1	
20	26-03-18	28-03-18	Meeting of the Enlarged Editorial Committee (TC-EDC/MAR18)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						
21	28-03-18	28-03-18	Meeting on the Development of an Electronic Application Form (UPOV/EAF/11)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						
22	11-04-18	11-04-18	Study visit to WIPO of officials from the Department of Industrial Property of Cambodia	Geneva	Switzerland	Huerta, Motomura		WIPO	1	1										
23	16-04-18	16-04-18	Lecture at the Institut Polytechnique LaSalle	Beauvais	France	Rivoire		Institut Polytechnique LaSalle Beauvais								1				
24	16-04-18	20-04-18	Training provided to one UPOV staff by CPVO on other organizations' administration and procedures	Angers	France	Sanchez-Vizcaino	X	UPOV CPVO				1								
25	23-04-18	23-04-18	Meeting on the preparatory work for the 2018 Edition of the International Course on Plant Variety Protection	Amsterdam	Netherlands	Huerta	X	Naktuinbouw, Wageningen University, UPOV										1		
26	25-04-18	26-04-18	CIOPORA Academy and 57th Annual General Meeting of CIOPORA	Ghent	Belgium	Button, Rivoire, Madhour		CIOPORA											1	
27	30-04-18	30-04-18	WIPO/UKIPO Roving Seminar: WIPO Services and Initiatives	London	United Kingdom	Button		WIPO, UKIPO		1								1		
28	02-05-18	03-05-18	Programme Master II en propriété intellectuelle	Yaoundé	Cameroon	Rivoire		OAPI, WIPO Academy, University of Yaoundé	1	1						1				
29	03-05-18	03-05-18	Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation	Stockholm	Sweden	Motomura		WIPO, PRV, Sida	1	1			1			1				
30	03-05-18	03-05-18	Meeting of the WSP Steering Committee with WFO	Rome	Italy	Button	X	WSP (ISF, ISTA, OECD, UPOV), WFO									1			
31	14-05-18	16-05-18	XML4IP Task Force of the Committee on WIPO Standards	Moscow	Russian Federation	Madhour		WIPO												1
32	15-05-18	17-05-18	KOICA/KSVS Training Course on Plant Variety Protection and DUS Testing	Gimcheon	Republic of Korea	Huerta	X	KOICA, KSVS, UPOV	1	1			1							

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>1</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e), (f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
33	16-05-18	16-05-18	Coordination meeting of TWC work	Paris	France	Button, Taveira	X	UPOV						1						
34	19-05-18	19-05-18	Seminar on the implementation of the UPOV 1991 Act	Nairobi	Kenya	Taveira	X	KEPHIS	1	1			1		1			1		
35	21-05-18	21-05-18	TWA/47 Preparatory Workshop	Naivasha	Kenya	Taveira, Oertel, May	X	UPOV					1							
36	21-05-18	25-05-18	Technical Working Party for Agricultural Crops (TWA/47)	Naivasha	Kenya	Taveira, Oertel, May	X							1						
37	23-05-18	23-05-18	Study visit to Geneva of students of the Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation	Geneva	Switzerland	Huerta, Motomura, Taveira		WIPO, PRV, Sida	1	1			1			1				
38	28-05-18	28-05-18	WFO 2018 General Assembly	Moscow	Russian Federation	Button		WFO											1	
39	28-05-18	28-05-18	Visit to the State Commission of the Russian Federation for Selection Achievements Test and Protection	Moscow	Russian Federation	Button		Russian Federation	1											
40	03-06-18	06-06-18	ISF World Seed Congress 2018	Brisbane	Australia	Button, Rovere		ISF												1
41	05-06-18	05-06-18	WIPO QUT Master of Laws (LL.M) in Intellectual Property	Brisbane	Australia	Button		WIPO, QUT of Australia	1	1						1				
42	05-06-18	05-06-18	Meeting of the Council for TRIPS	Geneva	Switzerland	Taveira		WTO												1
43	05-06-18	06-06-18	Seminar on legal protection of new plant varieties	Tashkent	Uzbekistan	Huerta, Motomura	X	IPA of Uzbekistan	1	1	1							1		
44	05-06-18	06-06-18	SeedConnect Conference	Abuja	Nigeria	Rivoire		NASC of Nigeria											1	
45	07-06-18	08-06-18	Visit to IP Office, Canberra, Australia	Canberra	Australia	Button	X	IP Australia, UPOV	1											
46	11-06-18	12-06-18	Visit to IP Office, Wellington, New Zealand	Wellington	New Zealand	Button	X	IPONZ, UPOV	1									1		
47	14-06-18	14-06-18	Plant Variety Protection Debates: Connecting Law, Science and Social Science	Warwick	United Kingdom	Huerta		University of Warwick										1		
48	15-06-18	15-06-18	Eighth edition of the Annual Agri-Food Law Seminar	Brussels	Belgium	Huerta		ALTIUS										1		
49	18-06-18	22-06-18	Forum on the role of UPOV in the development of agriculture	Geneva (UPOV HQ)	Switzerland		X	UPOV, WIPO, MAFF of Japan	1	1	1		1		1			1		
50	19/06/18 25/06/18	19/06/18 25/06/18	21st International Course on Plant Variety Protection (training session on UPOV)	Wageningen	Netherlands	Huerta	X	Naktuinbouw	1	1	1		1					1		
51	25-06-18	25-06-18	WIPO-WTO Colloquium for Teachers of Intellectual Property	Geneva	Switzerland	Rivoire		WIPO, WTO	1	1			1			1				



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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>1</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e), (f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
66	02-08-18	02-08-18	International Seminar on the Benefits of Plant Variety Protection under the UPOV System	Muntinlupa	Philippines	Button, Motomura	X	PVP Office of the Philippines, MAFF of Japan, EAPVP Forum, UPOV	1	1					1			1		
67	15-08-18	17-08-18	Legal consultations with responsible authorities to provide assistance with the process of amending the Protection of New Plant Varieties Act 2004 of Malaysia	Putrajaya	Malaysia	Button, Huerta	X	Department of Agriculture of Malaysia	1	1	1									
68	23-08-18	24-08-18	Regional Workshop on examination of PVP applications	Lima	Peru	Taveira	X	IPKey Latin America, UPOV, INDECOPI, CPVO, EUIPO	1	1					1					
69	27-08-18	29-08-18	Regional Seminar on Plant Variety Protection under the 1991 Act of the UPOV Convention: benefits of public-private partnerships for transfer of technology	Lima	Peru	Taveira	X	IPKey Latin America, UPOV, INDECOPI, CPVO, Comunidad Andina, EUIPO	1	1								1		
70	27-08-18	31-08-18	Thirty-seventh session of the WIPO IGC	Geneva	Switzerland	Motomura		WIPO												1
71	30-08-18	30-08-18	Conference on "Encouraging Plant Breeding, Challenges and Perspectives", at the official launch of the Erasmus Mundus Master Program in Plant Breeding – emPLANT	Beauvais	France	Rivoire		Institut Polytechnique LaSalle Beauvais								1				
72	30-08-18	31-08-18	Seminar on Breeders' Rights under the UPOV Convention and benefits for the promotion of public-private partnerships and transfer of technology	Quito	Ecuador	Taveira	X	IPKey Latin America, UPOV, SENADI, CPVO, Comunidad Andina, EUIPO	1	1								1		
73	06-09-18	06-09-18	CIOPORA Academy Workshop	Washington D. C.	United States of America	Rivoire		CIOPORA											1	
74	07-09-18	07-09-18	Visit to PVP Office, USDA	Washington D. C.	United States of America	Rivoire		USDA	1											
75	10-09-18	13-09-18	Working Group on Biochemical and Molecular Techniques and DNA-Profiling in Particular (BMT/17)	Montevideo	Uruguay	Button, Motomura, Taveira, Han	X	UPOV						1						
76	11-09-18	14-09-18	First meeting of the Ad Hoc Technical Expert Group (AHTEG) on Farmers' Rights of the ITPGRFA	Rome	Italy	Huerta		ITPGRFA												1
77	14-09-18	14-09-18	Visit to FAO Legal Office	Rome	Italy	Huerta		FAO									1			1

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>1</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e), (f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
78	17-09-18	17-09-18	TWV/52 Preparatory Workshop	Beijing	China	Rivoire, Oertel, Han	X	UPOV					1							
79	17-09-18	21-09-18	Technical Working Party for Vegetable Crops (TWV/52)	Beijing	China	Rivoire, Oertel, Han	X	UPOV						1						
80	19-09-18	19-09-18	CPVO Administrative Committee meeting	Sofia	Bulgaria	Button		CPVO												1
81	20-09-18	20-09-18	Seminar on the Benefits of Plant Variety Protection	Sofia	Bulgaria	Button		CPVO	1	1								1		1
82	21-09-18	21-09-18	Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation	Geneva	Switzerland	Huerta, Motomura		WIPO, PVR, Sida	1				1			1				
83	24-09-18	02-10-18	Fifty-Eighth Series of Meetings of the WIPO Assemblies	Geneva	Switzerland	Huerta		WIPO												1
84	25-09-18	26-09-18	International Seminar on New Plant Variety Protection, as part of the Celebration of the 60th Anniversary of the Establishment of the Agriculture Research Institute of Beijing	Beijing	China	Button, Han		MARA of China	1									1		
85	25-09-18	25-09-18	World Seed Partnership (WSP) meeting	Nay Pyi Taw	Myanmar	Huerta, Rivoire	X	WSP (ISF, ISTA, OECD, UPOV), WFO, MOALI, Netherlands										1		
86	26-09-18	26-09-18	Fourth National Seed Committee meeting	Nay Pyi Taw	Myanmar	Huerta, Rivoire		MOALI, ISSD, Wageningen University	1	1										
87	27-09-18	27-09-18	Legal Consultation with relevant authorities of Myanmar	Nay Pyi Taw	Myanmar	Huerta, Rivoire	X	MOALI	1	1	1									
88	08-10-18	10-10-18	European Seed Association Annual Meeting	Madrid	Spain	Button, Rovere		ESA											1	
89	08-10-18	08-10-18	Meeting of the WSP Steering Committee and WFO	Madrid	Spain	Button	X	WSP (ISF, ISTA, OECD, UPOV), WFO										1		
90	09-10-18	11-10-18	Workshop on "Strengthening the knowledge of effective implementation of the Plant Breeders' Rights system in the Sultanate of Oman"	Muscat	Oman	Rivoire		DGALR of Oman, WIPO	1	1	1		1							
91	10-10-18	10-10-18	Master of Laws (LL.M.) in Intellectual Property (WIPO/University of Turin/ITC-ILO)	Geneva	Switzerland	Huerta		WIPO, University of Turin, ITC- ILO					1			1				
92	11-10-18	11-10-18	First Pilot Project Meeting for Regional Cooperation	Hanoi	Viet Nam	Button, Motomura	X	EAPVP Forum							1					
93	11-10-18	11-10-18	Contribution with ARIPO via videoconferencing to presentations on plant variety protection at the Masters Degree in Intellectual Property Program at Africa University	Mutare	Zimbabwe	Huerta, Rivoire		WIPO, ARIPO, Africa University					1			1				
94	11-10-18	12-10-18	Conference "Genome Editing/CRISPR als Herausforderung für das Life Sciences-Recht"	Basel	Switzerland	Huerta		University of Basel										1	1	



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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>1</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e), (f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)	
115	20-11-18	20-11-18	Seminar on Plant Variety Protection for ARIPO Member States	Windhoek	Namibia	Huerta, Han	X	ARIPO, UPOV, USPTO	1	1	1		1								
116	19-11-18	23-11-18	Technical Working Party for Fruit Crops (TWF/49)	Santiago	Chile	Rivoire, Oertel	X	UPOV, Chile						1							
117	05-12-18	06-12-18	Annual Meeting between the CPVO and its Examination Offices	Angers	France	Taveira		CPVO													1
118	05-12-18	07-12-18	Meeting on UPOV PRISMA PBR Application Tool with the Development Center of Science and Technology (DCST), Ministry of Agriculture and Rural Affairs of China	Beijing	China	Madhour		MARA of China	1												
119	06-12-18	06-12-18	Award ceremony of "Les insignes de Chevalier de l'Ordre National du Mérite"	Paris	France	Button		Limagrain (France)													1
120	19-12-18	20-12-18	Workshop on Awareness of Protection of Plant Variety under the UPOV Convention	Vientiane	Lao People's Democratic Republic	Motomura		EAPVP Forum	1	1	1		1								
Total									45	34	15	0	22	12	7	14	4	19	24	20	

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## ANNEX III

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## INTRODUCTION

1. This report summarizes achievements during 2018. The report is structured to follow the 2018-2019 Program and Budget (document C/51/4 Rev.), as adopted by the Council at its fifty-first ordinary session, held in Geneva on October 26, 2017.
2. The text offers a brief summary of the progress made towards the achievements of objectives at the level of sub-programs, followed by performance tables summarizing information on objectives, expected results and performance indicators.
3. The performance tables are presented according to the following structure:

<b>Expected results</b>
<i>Results Achieved: Selected Performance Indicators</i>

Details

## **SUB-PROGRAM UV.1: OVERALL POLICY ON PLANT VARIETY PROTECTION**

This sub-program provides the framework for policy making, management and coordination of the activities within UPOV's overall program, as established by the Council with the guidance of the Consultative Committee.

In 2018, the Council and the Consultative Committee reviewed the implementation of the Strategic Business Plan to diversify UPOV's revenue portfolio to maintain and enhance the sustainability of existing activities and services, as a part of which the Consultative Committee requested the development of options for the financing of the UPOV PRISMA PBR application tool and requested the development of proposals for database/IT services that UPOV might consider as potential revenue sources. As a part of the Communication Strategy, the Consultative Committee approved the engagement of UPOV in Twitter and LinkedIn. With regard to interrelations with other organizations, the Consultative Committee requested the Office of the Union to consult the Executive Secretary of the CBD and the Secretary of the ITPGRFA on how the objectives of the CBD and ITPGRFA might be reflected in the FAQ on the relationship between the UPOV Convention and other international treaties, and to explore means on how to facilitate the exchanges of experiences and information on the implementation of the UPOV Convention, the CBD and the ITPGRFA. The decision to approve the organization of a seminar on the concept of essentially derived varieties (EDV) was an important step to clarify the subject and to support discussions in the Administrative and Legal Committee.

- Objectives:**
- ◆ Policy direction and executive management.
  - ◆ Planning, implementation and evaluation of program and budget.

### **1. Identify and implement the strategic goals and objectives of UPOV**

#### *(a) Establishment of Strategic Business Plan*

The Consultative Committee, at its ninety-fourth session, held in Geneva on October 25, 2017, approved a Strategic Business Plan. On the basis of the findings in the IOD Evaluation of UPOV and discussions that took place within UPOV, the Strategic Business Plan identifies opportunities for improvement and associated risks, from which 10 specific targets were identified for improvement. The Strategic Business Plan also contains a Resourcing Plan in order to achieve those 10 targets.

In 2018, the Consultative Committee requested the Office of the Union to prepare a proposal, for consideration in 2019, for database/IT services that UPOV might consider as potential revenue sources, in conjunction with the proposal for the funding of UPOV PRISMA.

### **2. Organization of Council and Consultative Committee sessions**

#### *(a) Participation in the sessions of the Council and the Consultative Committee*

##### *Council*

##### *Fifty-second ordinary session:*

84 participants representing 39 members of the Union, 5 observer States and 4 observer organizations

##### *Consultative Committee*

##### *Ninety-fifth session:*

78 participants representing 37 members of the Union

### **3. Organize and monitor the work of UPOV committees**

#### *(a) Approve and monitor the work programs of the CAJ, TC, TWPs and ad hoc working groups*

Achieved.

- See documents C/52/9 and C/53/INF/8 "Progress report of the work of the Administrative and Legal Committee"
- See documents C/52/10 and C/53/INF/9 "Progress report of the work of the Technical Committee, the Technical Working Parties and the Working Group on Biochemical and Molecular Techniques, and DNA-Profiling in Particular"

*(b) Elect Chairs of the CAJ, TC, TWPs and ad hoc working groups and Vice-Chairs of the CAJ and TC*

No elections were due in 2018.

*(c) Approve the annual calendars of meetings*

Achieved.

See document C/51/8 Rev.2 "Revised calendar of meetings in 2018"

#### **4. Coordination, monitoring and performance assessment of Program and Budget for the 2018-2019 Biennium**

*(a) Delivery of program within budget for the 2018-2019 Biennium*

Results not available until 2020.

*(b) Approve the financial statements*

See document C/53/5 "Financial statements for 2018"

*(c) Approve the financial management report*

Results not available until 2020.

#### **5. Preparation and adoption of the Program and Budget for the 2020-2021 Biennium**

*(a) Preparation and adoption of the Program and Budget for the 2020-2021 Biennium in accordance with the "Financial Regulations and Rules of UPOV"*

See document C/53/4 "Draft Program and Budget for the 2020-2021 Biennium"

#### **6. Examination of the conformity of laws, or draft laws, with the 1991 Act of the UPOV Convention**

*(a) Recommendations by the Consultative Committee*

See (b) below.

*(b) Decisions by the Council*

On the basis of the recommendation by the Consultative Committee, the Council, at its fifty-second ordinary session, held in Geneva on November 2, 2018:

- recommended that Afghanistan incorporate the amendments in the "Plant Variety Protection Act", as provided in document C/52/19, and recommend that, once the amendments have been incorporated in the Act, the amended Act be submitted to the Council for examination in conformity with Article 34(3) of the 1991 Act.

#### **7. Review of developments concerning applications and grants of plant breeders' rights**

*(a) Number of applications for plant breeders' rights*

18,306 applications made with members of the Union in 2017 (16,455 in 2016; 15,017 in 2015)  
(see document C/52/7 Rev.)

*(b) Number of titles granted*

12,685 titles granted by members of the Union in 2017 (12,550 in 2016; 12,409 in 2015) (see document C/52/7 Rev.)

*(c) Number of titles in force*

126,322 titles in force with members of the Union in 2017 (120,734 in 2016; 112,215 in 2015) (see document C/52/7 Rev.)

*(d) Number of genera/species protected by members of the Union*

At the end of 2018, a total of 64 members of the Union offered protection for all genera and species (64 in 2017; 62 in 2016), 6 members of the Union offered protection for a limited number of plant genera and species (6 in 2017; 12 in 2016) and 5 members of the Union had not notified the extension of protection to all genera and species

*(e) Number of genera/species for which varieties have been protected*

Number of plant genera and species with PBR entries in the Plant Variety Database (PLUTO):

3,790 genera and species in August 2018 (3,955 taxa including subspecies)  
 (3,628 genera and species in August 2017 (3,771 taxa including subspecies)  
 (3,510 genera and species in August 2016 (3,661 taxa including subspecies)

*(f) Analysis by crop type*

Data from PLUTO database:

*Applications filed by crop type:*

Year	Crop type				
	Agri-culture	Forest trees	Fruit	Orna-mental	Vege-tables
2012	27%	0.9%	12%	48%	12%
2013	25%	1.0%	12%	49%	11%
2014	30%	0.8%	11%	47%	10%
2015	33%	0.5%	14%	36%	16%
2016	37%	0.6%	11%	34%	18%
2017	33%	0.5%	11%	38%	17%
2018	35%	0.5%	12%	33%	20%

*Titles issued by crop type:*

Year	Crop type				
	Agri-culture	Forest trees	Fruit	Orna-mental	Vege-tables
2012	26%	0.7%	9%	48%	15%
2013	34%	0.7%	10%	42%	13%
2014	35%	0.6%	10%	43%	12%
2015	32%	0.9%	10%	44%	13%
2016	32%	1.1%	9%	40%	18%
2017	27%	0.4%	12%	45%	16%
2018	27%	0.5%	11%	43%	18%

See also "PLUTO database coverage" under Sub-Program UV.2, performance indicator 5 "Cooperation in examination of variety denominations"

**8. Facilitating applications through UPOV PRISMA (formerly known as the UPOV Electronic Application Form (EAF) tool)**

*(a) Recommendations by the Consultative Committee*

The Consultative Committee, at its ninety-fifth session, held in Geneva on November 1, 2018 and on the morning of November 2, 2018, requested the Office of the Union to present options to the Consultative Committee, at its ninety-sixth session, for the financing of UPOV PRISMA, including: fee per submission; fee per variety; subscription model(s) for applicants; subscription model(s) for members of the Union and package(s) of UPOV services.

See also (b) below.

*(b) Decisions by the Council*

On the basis of recommendations by the Consultative Committee, the Council, at its fifty-second ordinary session, held in Geneva on November 2, 2018, decided to make the use of UPOV PRISMA free of charge in 2019.

*(c) Number of UPOV members participating in the EAF*

At the end of 2018, 30 UPOV members were participating in the EAF (now known as UPOV PRISMA)

*(d) Number of crops/species covered by the EAF*

At the end of 2018, UPOV PRISMA was available for all genera a species in 20 UPOV members, and for a limited list of genera & species (1-100 crops) in 10 UPOV members.

*(e) Number of applications made via the EAF (see UV. 2)*

In 2018, 77 applications were received via UPOV PRISMA (14 in 2017)

**9. Enhancing voluntary cooperation between members of the Union in the implementation of the UPOV Convention**

*(a) Recommendations by the Consultative Committee*

At its ninety-fifth session, the Consultative Committee noted the progress in the work of the Working Group on an International System of Cooperation (WG-ISC) at the fourth meeting of the WG-ISC, held in Geneva on October 31, 2018. The Consultative Committee noted that, subject to agreement by the WG-ISC, a document would be presented to the Consultative Committee at its ninety-sixth session, immediately after the fifth meeting of the WG-ISC, to be held on the evening of October 30, 2019.

*(b) Decisions by the Council*

None.

*(c) Cooperation arrangements between members of the Union*

See Sub-Program UV.2, performance indicators "4. Cooperation in DUS examination" and "5. Cooperation in examination of variety denominations"

**10. Monitoring the implementation of the training and assistance strategy**

*(a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information*

- Consideration of document C/53/2 "Annual Report of the Secretary-General for 2018" (this document)

*(b) States that accede to or ratify the 1991 Act of the UPOV Convention; States and organizations that become members of the Union; and number of genera and species protected by members of the Union*

- Consideration of document C/53/2 "Annual Report of the Secretary-General for 2018" (this document)

- See Sub-Program UV.2, performance indicator "6. Review of developments concerning applications and grants of plant breeders' rights", section (d)

*(c) Measures to provide training and assistance in the introduction and implementation of the UPOV system*

See document CC/92/7 "Training and assistance strategy"

## 11. Monitoring the implementation of the communication strategy

### *(a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information*

- See document CC/95/7 "Communication strategy"

### *(b) Recommendations by the Consultative Committee on the communication strategy*

The Consultative Committee, at its ninety-fifth session, held in Geneva on November 1, 2018 and on the morning of November 2, 2018:

- agreed that the redrafting of the adopted FAQ on Sustainable Development Goals (SDGs) should not be pursued further. However, the Consultative Committee agreed that the Office of the Union should use relevant material to communicate to the general public the role of the UPOV system in supporting sustainable development and to seek to develop an FAQ for that purpose;
- requested the Office of the Union to invite comments on the FAQ on the benefits of new varieties of plants for society, by the end of November 2018. Based on the comments received, it requested the preparation of a new draft to be circulated to the Consultative Committee by correspondence. It requested a further draft to be presented for consideration at its ninety-sixth session;
- agreed that the Office of the Union should prepare proposals to update relevant FAQs to reflect developments concerning UPOV PRISMA and the UPOV Distance Learning Programs, for consideration at its ninety-sixth session;
- agreed that more materials from events from outside Geneva should be posted on the UPOV website, according to available resources;
- approved the introduction of a UPOV Twitter account and of a Twitter account for the Vice Secretary General to communicate matters concerning UPOV;
- approved the use of the UPOV LinkedIn entry to share the same type of information that would be disseminated via the UPOV Twitter account;
- approved the plans of the Office of the Union to create a separate LinkedIn entry for UPOV PRISMA in order to achieve better functionality for publicizing UPOV PRISMA in conjunction with its e-mail campaigns.

On the basis of the recommendation by the Consultative Committee, the Council, at its fifty-second ordinary session, held in Geneva on November 2, 2018, adopted a text for an FAQ on the benefits of new varieties of plants for society.

## 12. Policy direction on inter-relations with other organizations

### *(a) Recommendations by the Consultative Committee*

The Consultative Committee, at its ninety-fifth session, held in Geneva on November 1, 2018 and on the morning of November 2, 2018:

- encouraged members of the Union which were also Contracting Parties to the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) to send submissions to the Ad Hoc Technical Expert Group on Farmers' Rights (AHTEG) on measures implementing Article 9 of the ITPGRFA (to: [pgrra-treaty@fao.org](mailto:pgrra-treaty@fao.org) with copy to: [upov.mail@upov.int](mailto:upov.mail@upov.int));
- requested the Office of the Union to report to the Consultative Committee at its ninety-sixth session on the progress of the AHTEG;
- requested the Vice Secretary-General to consult the Executive Secretary of the Convention on Biological Diversity (CBD) and the Secretary of the ITPGRFA on how the objectives of the CBD and ITPGRFA might be reflected in the FAQ on the relationship between the UPOV Convention and other international treaties, and to explore means on how to facilitate the exchanges of experiences and information on the implementation of the UPOV Convention, the CBD and the ITPGRFA.

### *(b) Decisions by the Council*

None.

**13. Policy on other matters**

*(a) Recommendations by the Consultative Committee*

The Consultative Committee, at its ninety-fifth session, held in Geneva on November 1, 2018 and on the morning of November 2, 2018, approved the assistance of the Office of the Union to Mr. Jacob Moscona in relation to data in the PLUTO database for research on the factors that determine the types of innovations that different countries produce and export in the agricultural sector with the understanding that the results of the study would be made available to UPOV.

*(b) Decisions by the Council*

None.

*(c) Adoption of documents presenting UPOV policy by the Council*

None.

## **SUB-PROGRAM UV.2: SERVICES TO THE UNION FOR ENHANCING THE EFFECTIVENESS OF THE UPOV SYSTEM**

This sub-program covers the provision of guidance, information and resources for the operation of the UPOV system of plant variety protection, support for cooperation between members of the Union, the work of the relevant UPOV bodies and measures to facilitate applications for plant breeders' rights.

The work of the Technical Working Parties and the Technical Committee on the development and revision of Test Guidelines (TG) continues to be a cornerstone for cooperation between members of the Union in the examination of Distinctness, Uniformity and Stability ("DUS"). At the same time, the harmonization provided by TG and the availability of TG data in the web-based Test Guidelines Template (TG Template) enabled the rapid expansion of UPOV PRISMA to cover all crops and species for those members of the Union that use the UPOV Test Guidelines as the basis for the technical questionnaires in their application forms. In 2018, the adopted Test Guidelines covered 94% of all PBR-related entries in the Plant Variety Database. The integration of the UPOV PRISMA, TG Template, GENIE database and PLUTO database information will be an important means of providing more efficient and effective services in the future.

- Objectives:**
- ◆ To maintain and improve the effectiveness of the UPOV system.
  - ◆ To provide and develop the legal, administrative and technical basis for international cooperation in plant variety protection according to the UPOV Convention.

### **1. Participation by members of the Union and observers in the work of the UPOV bodies**

#### *Participation in the Administrative and Legal Committee*

CAJ/75: 103 participants representing 38 members of the Union, 4 observer States and 7 observer organizations

#### *Participation in the Technical Committee*

TC/54: 92 participants representing 36 members of the Union, 6 observer States and 6 observer organizations

#### *Participation in Technical Working Party Sessions*

325 experts representing 43 members of the Union (members), 6 observer States (obs) and 9 observer organizations (org) participated in the Technical Working Parties as follows:

- TWA (Kenya):  
23 members (59 participants) / 0 obs (0) / 4 org (5)
- TWC (Germany):  
15 members (28 participants) / 0 obs (0) / 0 org (0)
- TWF (Chile):  
18 members (39 participants) / 0 obs (0) / 1 org (1)
- TWO (no session held in 2018)
- TWV (China):  
15 members (41 participants) / 1 obs (2) / 3 org (3)
- BMT (Uruguay):  
18 members (40 participants) / 1 obs (2) / 6 org (15)

#### *Participation in Preparatory Workshops for the Technical Working Party Sessions*

136 experts representing 27 members of the Union (members), 0 observer States (obs) and 6 observer organizations (org) participated in the Preparatory Workshops as follows:

- TWA: 19 members (53 participants) / 0 obs (0) / 5 org (6)
- TWC: 10 members (14 participants) / 0 obs (0) / 0 org (0)
- TWF: 15 members (30 participants) / 0 obs (0) / 1 org (1)
- TWO: no preparatory workshop held in 2018
- TWV: 10 members (30 participants) / 0 obs (0) / 2 org (2)
- BMT: no preparatory workshop held in 2018

## 2. Guidance on the UPOV Convention and its implementation and information on its application

*UPOV Collection: visits to the UPOV website<sup>1</sup> in 2018*

Pageviews: 8,349  
(7,827 in 2017; 9,525 in 2016)

Unique pageviews: 5,574  
(5,023 in 2017; 6,091 in 2016)

Language	Pageviews	Unique pageviews
English	5,965	4,038
Spanish	1,588	1,011
French	492	318
German	301	205

### *(a) Adoption of new or revised information materials concerning the UPOV Convention*

Information materials concerning the UPOV Convention adopted by the Council in 2018:

UPOV/INF/4/5	Financial Regulations and Rules of UPOV (Revision)
UPOV/INF/16/8	Exchangeable Software (Revision)
UPOV/INF/22/5	Software and equipment used by members of the Union (Revision)

### *(b) Publication of the UPOV Gazette and Newsletter*

Publication of laws and notifications on genera and species from members of the Union is now done in UPOV Lex (see (c) below)

### *(c) Inclusion of laws and relevant notifications of members of the Union in UPOV Lex*

- Laws/regulations: Australia, Belgium and Dominican Republic
- Notifications on genera and species: Belgium, Jordan, Uzbekistan

*UPOV Lex database: visits to the UPOV Website in 2018*

Pageviews: 92,199  
(82,861 in 2017; 85,374 in 2016)

Unique pageviews: 64,413  
(59,166 in 2017; 60,294 in 2016)

Language	Pageviews	Unique pageviews
English	64,634	45,108
Spanish	18,751	13,110
French	6,782	4,707
German	2,203	1,483

### *(d) Availability of UPOV documents and materials in languages other than the UPOV languages (English, French, German and Spanish)*

Translation into Chinese and Thai of the UPOV Video on "Tsuyahime rice, the secret of its success".

### 3. Guidance on the examination of varieties

#### (a) Adoption of new or revised TGP documents and information materials

TGP/5: Section 1/3	Experience and Cooperation in DUS Testing: Model Administrative Agreement for International Cooperation in the Testing of Varieties (Revision)
TGP/7/6	Development of Test Guidelines (Revision)

#### (b) Adoption of new or revised Test Guidelines

23 Test Guidelines adopted by the TC, comprising:

- 8 new Test Guidelines: TWA (3), TWO (3), TWV (2)
- 7 revised Test Guidelines: TWA (4), TWO (1), TWV (2)
- 8 partially revised Test Guidelines: TWF (1), TWO (1), TWV (6)

Total number of adopted Test Guidelines at the end of 2018: 329

*Test Guidelines: visits to the UPOV Website in 2018*

Pageviews: 63,172  
(66,567 in 2017; 61,966 in 2016)

Unique pageviews: 37,630  
(38,621 in 2017; 38,054 in 2016)

Language	Pageviews	Unique pageviews
English	49,948	29,442
Spanish	8,916	5,389
French	3,252	2,089
German	1,037	696

#### (c) Proportion of PBR applications covered by adopted Test Guidelines

In 2018, the adopted Test Guidelines covered 94% of all PBR-related entries in the Plant Variety Database (299,064 of 319,547) (in 2017, 94%: 280,687 of 299,031)

#### (d) Number of Test Guidelines under development in the Technical Working Parties

27 draft Test Guidelines under development in the Technical Working Parties (TWA, TWF, TWV), comprising

- 4 new Test Guidelines: TWA (2), TWF (1), TWV (1)
- 16 revisions: TWA (8), TWF (5), TWV (3)
- 7 partial revisions: TWF (3), TWV (4)

#### (e) Participation in the development of Test Guidelines

*Test Guidelines adopted in 2018:*

- 8 new Test Guidelines: TWA (3), TWO (3) TWV (2) drafted by Leading Experts from:
  - Africa: ZA (1)
  - Americas: AR (1)
  - Asia/Pacific: AU (1), JP (3)
  - Europe: DK (1), GB (1)
- 7 revised Test Guidelines: TWA (4), TWO (1); TWV (2)
  - Europe: DE (1), ES (2), GB (1), NL (2), QZ (1)
- 8 partially revised Test Guidelines: TWF (1), TWO (1), TWV (6)
  - Asia/Pacific: JP (1)

*Test Guidelines under development in 2018:*

- 4 new Test Guidelines: TWA (2), TWF (1), TWV (1) drafted by Leading Experts from:
  - Africa: MA (1), ZA (1)
  - Europe: DK (1), GB (1)
  
- 16 revisions: TWA (8), TWF (5), TWV (3)
  - Africa: KE (1), ZA (2)
  - Americas: AR (1)
  - Asia/Pacific: AU (3), JP (1), KR (1)
  - Europe: DE (1), ES (1), FR (2), HU (1), IT (1), NL (1)
  
- 7 partial revisions: TWF (3), TWV (4)
  - Americas: BR (1)
  - Asia/Pacific: NZ (1)
  - Europe: ES (1), FR (1), NL (3)

Total of 17 members of the Union involved in drafting Test Guidelines (AR, AU, BR, DE, DK, ES, FR, GB, HU, IT, JP, KE, MA, NL, NZ, KR, ZA).

*(f) Development of web-based Test Guidelines Template (TG Template) with facility for:*

*1. Translation in UPOV languages*

In 2018, Serbian, Swedish, Korean and Vietnamese were added to the translation interface to insert adopted Test Guidelines characteristics and corresponding states of expression in those languages.

*2. Use by members of the Union in the preparation of individual authorities' test guidelines*

No developments in 2018.

**4. Cooperation in DUS examination**

*GENIE database: visits to the UPOV Website in 2018*

Statistics concerning GENIE are not available for 2018 due to configuration changes.

*(a) Plant genera and species for which members of the Union have practical experience, included in GENIE database*

On October 15, 2018, there were 3,583 genera and species (3,732 taxa including subspecies) for which members of the Union had reported practical experience in DUS examination (see document TC/54/4). (In 2017, there were 3,416 genera and species (3,561 taxa including subspecies) and 3,326 genera and species in 2016 (3,461 taxa including subspecies).)

*(b) Plant genera and species for which members of the Union cooperate in DUS examination, included in GENIE database*

In 2018, there were 2,018 genera and species (2,089 taxa including subspecies) for which there were agreements between members of the Union for cooperation in DUS examination (see document C/52/5). (In 2017, there were 1,974 genera and species (2,038 taxa including subspecies) and 2,031 taxa including subspecies in 2016.)

**5. Cooperation in examination of variety denominations**

PLUTO database coverage

	Year				
	2015	2016	2017	2018	2019 (to August 6, 2019)
Number of UPOV members that contributed to the PLUTO database for the indicated year <sup>1</sup>	61	59	54	49	43
Percentage of UPOV members that contributed to the PLUTO database for the indicated year	82%	80%	72%	65%	57%
A Total number of PVP applications <sup>2</sup>	15,017	16,455	18,306	n.a.	n.a.
B Number of PVP applications accounted for by contributors to PLUTO database for indicated year <sup>1,2</sup>	14,823	16,095	17,410	n.a.	n.a.
C Percentage of PVP applications accounted for by contributors to PLUTO database for indicated year (B/A)	99%	98%	95%	n.a.	n.a.
D Number of PVP applications included in PLUTO database <sup>3</sup>	11,587	12,269	12,547	10,759	2,887
E Percentage of PVP applications included in PLUTO database (D/A)	77%	75%	69%	n.a.	n.a.

Notes:

- Contributors provide data for previous years. Therefore, a contributor providing data in, e.g. 2017, will be considered to have contributed data for 2015, 2016 and 2017.
- See document C/52/7 Rev. "Plant variety protection statistics for the period 2013-2017 (Revision)".
- Status of information in the PLUTO database at August 6, 2019

Row "C" provides an indication of the "theoretical" completeness of the PLUTO database on the basis of the UPOV members contributing data.

Row "E" provides an indication of the actual completeness of data in the PLUTO database, reflecting:

- UPOV members that do not contribute to the PLUTO database; and
- contributors that have not provided complete data.

*(a) Quantity and quality of data in PLUTO database*

- Number of contributors*
  - Number of contributors included in the PLUTO database at the end of 2018: 63 (62 in 2017)
  - Number of members of the Union that contributed data in 2018: 48 (48 in 2017)
- Number of new submissions*
  - Number of submissions of new data in 2017: 247 (222 in 2017)
  - Number of members of the Union that contributed data for the first time in 2017: 1 (2 in 2017)
- Number of records*
  - Total number of records included in the PLUTO database at the end of 2018: 828,808 (797,669 at the end of 2017)
- Number of mandatory items provided*
  - 11,708,686 data provided in 2018 for 26 mandatory items
- Number of non-mandatory items provided*
  - 1,180,087 data provided in 2018 for 27 non-mandatory items
- Annual edition of CD-ROM version*
  - No longer provided (no requests received)

(b) Number of PLUTO users and frequency of use

PLUTO database: visits to the UPOV Website in 2018

	2018	2017	Language	Pageviews	Unique pageviews
Sessions	35,407	45,638	English	44,417	37,198
Users	13,428	15,875	Spanish	4,791	3,054
Pageviews:	53,154	69,457	French	3,073	1,910
New Visitors	66.2%	67.4%	German	873	606
Returning Visitors	33.8%	32.6%			

Top 10 countries visiting the PLUTO database in 2018

Country / Territory	Sessions	New Users
United States of America	4,631	1,299
France	2,607	1,022
Netherlands	2,510	478
Japan	1,981	323
Australia	1,696	467
Brazil	1,604	663
Germany	1,275	431
Spain	1,182	517
Turkey	1,167	348
Mexico	1,102	393

Frequency of Use

	2018	Number of visits (in 2018)*	Visitors*
Sessions	35,407	1	10,369
Users	13,428	2	3,249
		3	1,711
		4	1,172
		5	891
		6	742
		7	654
		8	583
		9-14	2,445
		15-25	2,460
		26-50	2,833
		51-100	3,007
		101-200	2,556
		201+	2,735

\* One user using two different internet browsers would count as two visitors.

(c) Development and approval by the Council of a UPOV similarity search tool for variety denominations and inclusion in PLUTO database

At its fifth meeting, held in Geneva on October 30, 2018, the Working Group on Variety Denominations (WG-DEN) agreed that the Office of the Union should restart its work to explore possibilities to improve the UPOV Denomination Similarity Search Tool in conjunction with the Community Plant Variety Office of the European Union (CPVO).

**6. Development of UPOV PRISMA (formerly known as the UPOV Electronic Application Form (EAF) tool)**

See Sub-Program UV.1, performance indicator 8 "Facilitating applications through the UPOV Electronic Application Form (EAF) tool"

### **SUB-PROGRAM UV.3: ASSISTANCE IN THE INTRODUCTION AND IMPLEMENTATION OF THE UPOV SYSTEM**

This sub-program covers the assistance provided in response to requests by members of the Union and potential members of the Union. Satisfying the demand for assistance in the introduction and implementation of the UPOV system within available resources relies on the use of distance-learning courses, training of trainers, the prioritization of assistance by the Office of the Union and the use of external resources for administration, training and assistance according to available finances. This sub-program is supported by the regular budget, but extra-budgetary funds and support in kind provide a substantial proportion of the resources deployed for assistance. In order to utilize the available resources in the most effective way, the Office of the Union will continue to prioritize its activities and to explore synergies in its activities with members of the Union and other partners.

The priority for providing assistance by the Office of the Union is as follows:

- (i) assistance to existing members of the Union;
- (ii) assistance to States and certain organizations that are not members of the Union, particularly governments of developing countries and countries in transition to a market economy, in the development of legislation in line with the 1991 Act of the UPOV Convention and their accession to the UPOV Convention; and
- (iii) assistance to States and certain organizations that are not members of the Union, in the implementation of legislation that has received a positive decision of the Council, according to their commitment to accede to the UPOV Convention.

The Office of the Union organized or participated in 120 missions/events in 2018, at which 116 States and 19 organizations were provided with information about the UPOV system. Seventeen States were provided with assistance in the development of PVP legislation and one State initiated the procedure to become a member of the Union. The UPOV distance learning courses had participants from 78 States and 4 organizations.

- Objectives:**
- ◆ To raise awareness of the role of plant variety protection according to the UPOV Convention.
  - ◆ To assist States and organizations, particularly governments of developing countries and countries in transition to a market economy, in the development of legislation in accordance with the 1991 Act of the UPOV Convention.
  - ◆ To assist States and organizations in their accession to the 1991 Act of the UPOV Convention.
  - ◆ To assist States and organizations in implementing an effective plant variety protection system in accordance with the UPOV Convention.

#### **1. Raising awareness of the role of plant variety protection in accordance with the UPOV Convention**

##### *(a) States and organizations provided with information*

Algeria, Argentina, Australia, Bangladesh, Belarus, Benin, Bhutan, Bolivia (Plurinational State of), Botswana, Brazil, Brunei Darussalam, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Chile, China, Colombia, Côte d'Ivoire, Cuba, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, Eswatini, Ethiopia, Fiji, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Iceland, India, Indonesia, Iran (Islamic Republic of), Ireland, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kyrgyzstan, Lao People's Democratic Republic, Lesotho, Liberia, Lithuania, Madagascar, Malawi, Malaysia, Mali, Mauritius, Mexico, Mongolia, Mozambique, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Niger, Nigeria, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Rwanda, Saint Kitts and Nevis, Sao Tome and Principe, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Slovakia, Slovenia, Solomon Islands, South Africa, Spain, Sri Lanka, Sudan, Sweden, Syrian Arab Republic, Thailand, Togo, Tunisia, Turkey, Uganda, Ukraine, United Kingdom, United Republic of Tanzania, United States of America, Uruguay, Uzbekistan, Venezuela, Viet Nam, Zambia, Zimbabwe, ARIPO, CPVO, EPO, EUIPO, European Union, ITPGRFA, OAPI, SAA, South Centre, WIPO, AFSTA, CropLife International, ESA, ISF, AATF, COMESA, German Breeders' Association, Plantum and USPTO

(116 States and 19 organizations)

(see also Annex II to this document)

##### *(b) States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection*

Members of the Union: Japan, Mexico, Trinidad and Tobago, Uzbekistan and Viet Nam

Non-members of the Union: Afghanistan, Cambodia, Egypt, Kazakhstan, Liechtenstein, Malaysia, Mongolia Myanmar, Nigeria, Saint Vincent and the Grenadines, United Arab Emirates and Zimbabwe

*(c) States and organizations that initiated with the Council of UPOV the procedure for becoming members of the Union*

Afghanistan

*(d) Participation in UPOV awareness-raising activities, or activities involving UPOV staff or UPOV trainers on behalf of UPOV staff*

See Annex II to this document.

## **2. Assistance in drafting legislation on plant variety protection in accordance with the 1991 Act of the UPOV Convention**

*(a) Meetings with government officials to discuss legislative matters*

Members of the Union: Mexico, Trinidad and Tobago, Uzbekistan and Viet Nam

Non-members of the Union: ARIPO, Afghanistan, Brunei Darussalam, Cambodia, Egypt, Ghana, Guatemala, Jamaica, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Myanmar, Mongolia, Nigeria, United Arab Emirates, Zambia and Zimbabwe

*(b) States and organizations provided with comments on laws*

Members of the Union: Mexico and Viet Nam

Non-members of the Union: Afghanistan, Egypt, Jamaica, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Mongolia, Myanmar, Nigeria, and Zambia

*(c) States and organizations which received a positive advice from the Council of UPOV*

None

## **3. Assistance to States and organizations in the accession to the 1991 Act of the UPOV Convention**

The Office provided assistance for the deposit of an instrument of accession to, or ratification of the 1991 Act of the UPOV Convention, to the following members: Mexico, Nicaragua, South Africa and Trinidad and Tobago

*(a) States that acceded to or ratified the 1991 Act of the UPOV Convention*

None

*(b) States and organizations that became members of the Union*

None

**4. Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention**

*(a) Participation in distance learning courses*

List of countries and organizations from which there were participants in the UPOV distance learning courses (in 2018)

Afghanistan, Argentina, ARIPO, Australia, Austria, Azerbaijan, Barbados, Belgium, Bolivia (Plurinational State of), Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Burundi, Cameroon, Canada, Chile, China, Côte d'Ivoire, Croatia, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, European Union, FAO, France, Gabon, Germany, Georgia, Ghana, Greece, Guatemala, Guinea, India, Indonesia, Iran (Islamic Republic of), Ireland, Italy, Jamaica, Japan, Jordan, Kenya, Latvia, Lithuania, Madagascar, Malaysia, Mali, Mexico, Myanmar, Netherlands, New Zealand, Niger, Nigeria, Norway, OAPI, Panama, Paraguay, Peru, Philippines, Poland, Republic of Korea, Russian Federation, Saudi Arabia, Senegal, Singapore, South Africa, Spain, Sudan, Sweden, Thailand, Togo, Trinidad and Tobago, Turkey, Ukraine, United Kingdom, United Republic of Tanzania, United States of America, Viet Nam, Zambia (78 countries and 4 organizations).

Total number of participants in main sessions of UPOV distance learning courses by category (2 sessions in 2018)

Category	Number of students			
	DL-205	DL-305	DL-305A	DL-305B
Category 1: Government officials of members of the Union	309	93	67	62
Category 2: Officials of observer States / intergovernmental organizations	50	4	5	3
Category 3: Others (Fee: CHF1,000)	18	1	1	1
Category 4: Discretionary waiving of fee for selected students	12	0	3	2
Total:	389	98	76	68

Total number of participants in main sessions of UPOV distance learning courses by language (in 2018)

Language	Number of students			
	DL-205	DL-305	DL-305A	DL-305B
English	246	53	52	45
French	21	6	4	7
German	5	3	0	0
Spanish	117	36	20	16
Total:	389	98	76	68

Special sessions of DL-205 (in 2018)

DL-205 special sessions for:	Participants from	Number of participants
La Salle Beauvais University - IP Plant Breeding Master Programme	France	7
OAPI Masters IP Training Course	Burkina Faso, Burundi, Cameroon, Côte d'Ivoire, Gabon, Guinea, Madagascar, Mali, Niger, Senegal, Togo	24
Maastricht University Advanced Master Intellectual Property Law and Knowledge Management	Afghanistan, Belgium, China, Italy, Mexico, Netherlands	16
KOICA Training Course on Plant Variety Protection	Ghana, Guatemala, Peru, Philippines, Sudan	9
Forum on the role of UPOV in the development of agriculture	Malaysia, Jordan	2
Máster Lvcentivns in Plant Variety Protection, Alicante University, Spain	Czech Republic, Germany, Guatemala, Ireland, Italy, Lithuania, Netherlands, Panama, Paraguay, Spain	32
Total:		98

	English	French	German	Spanish
DL-205 special sessions, 2018: Total by language	52	24	0	22

*(b) Training of trainers*

None.

*(c) Training activities developed in conjunction with UPOV*

- Seminar on the Protection of New Plant Varieties, Hangzhou, China (January 2018)
- WIPO-WTO Advanced Course on Intellectual Property for Government Officials, Geneva, Switzerland (March 2018)
- Training provided to one UPOV staff by CPVO on other organizations' administration and procedures, Angers, France (April 2018)
- Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation, Stockholm, Sweden (May 2018)
- KOICA/KSVS Training Course on Plant Variety Protection and DUS Testing, Gimcheon, Republic of Korea (May 2018)
- Seminar on the implementation of the UPOV 1991 Act, Nairobi, Kenya (May 2018)
- TWA/47 Preparatory Workshop, Naivasha, Kenya (May 2018)
- Study visit to Geneva of students of the Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation, Geneva, Switzerland (May 2018)
- Forum on the role of UPOV in the development of agriculture, Geneva, Switzerland (June 2018)
- 21<sup>st</sup> International Course on Plant Variety Protection (training session on UPOV), Wageningen, Netherlands (June 2018)
- WIPO-WTO Colloquium for Teachers of Intellectual Property, Geneva, Switzerland (June 2018)
- TWC/36 Preparatory Workshop, Hanover, Germany (July 2018)
- Training provided to one UPOV staff by CPVO: observation of formal assessment by the CPVO Quality Audit Service (QAS) of the Finnish Food Safety Authority (Evira) as an examination office, Turku, Finland (July 2018)
- JICA Training Course "Plant Variety Protection and Quality Control System of Seeds to Facilitate Distribution of High Quality Seeds", Tsukuba, Japan (July 2018)
- TWV/52 Preparatory Workshop, Beijing, China (September 2018)
- Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation, Geneva, Switzerland (September 2018)
- Workshop on "Strengthening the knowledge of effective implementation of the Plant Breeders' Rights system in the Sultanate of Oman", Muscat, Oman (October 2018)
- Master of Laws (LL.M.) in Intellectual Property (WIPO/University of Turin/ITC-ILO), Geneva, Switzerland (October 2018)
- Contribution with ARIPO via videoconferencing to presentations on plant variety protection at the Masters Degree in Intellectual Property Program at Africa University, Mutare, Zimbabwe (October 2018)
- AFSTA Plant Variety Protection Workshop, Nairobi, Kenya (October 2018)
- Seminar on Plant Variety Protection for ARIPO Member States, Windhoek, Namibia (November 2018)
- Workshop on Awareness of Protection of Plant Variety under the UPOV Convention, Vientiane, Lao People's Democratic Republic (December 2018)

*(d) Participation by observer States and organizations in the CAJ, TC, TWPs and the associated preparatory workshops*

*Participation in the Administrative and Legal Committee*

CAJ/75: 4 observer States (Egypt, India, Nigeria, Thailand)  
7 observer organizations (AIPH, APBEBES, ARIPO, CIOFORA, CropLife International, ESA, ISF)

*Participation in the Technical Committee*

TC/54: 6 observer States (Egypt, India, Kazakhstan, Nigeria, Saudi Arabia, Thailand)  
6 observer organizations (ARIPO, CIOFORA, CropLife International, ESA, ISF, OECD)

*Participation in Technical Working Party Sessions*

TWA/47: 5 observer organizations (AATF, AFSTA, CropLife International, ESA, ISF)  
TWC/36: 0 observer State/organization  
TWF/49: 1 observer organization (CIOFORA)  
TWV/52: 3 observer organizations (CropLife International, ESA, ISF)  
BMT/17: 5 observer organizations (CIOFORA, CropLife International, MERCOSUR, OECD, SAA)  
There was no session of the TWO in 2018.

*Participation in Preparatory Workshops for the Technical Working Party Sessions*

- TWA/47/Prep: 4 observer organizations (AFSTA, CropLife International, ESA, ISF)  
TWC/36/Prep: 0 observer State/organization  
TWF/49/Prep: 1 observer organization (CIOPORA)  
TWW/52/Prep: 2 observer organizations (CropLife International, ESA)

See also Annex II.

*(e) Participation in UPOV activities*

See Annex II.

*(f) Participation in activities involving UPOV staff or UPOV trainers on behalf of UPOV staff*

See Annex II.

*(g) Courses featuring the UPOV system of plant variety protection*

- WIPO-WTO Advanced Course on Intellectual Property for Government Officials, Geneva, Switzerland (March 2018)
- Lecture at the Institut Polytechnique LaSalle, Beauvais, France (April 2018)
- Programme Master II en propriété intellectuelle, Yaoundé, Cameroon (May 2018)
- Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation, Stockholm, Sweden (May 2018)
- Study visit to Geneva of students of the Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation, Geneva, Switzerland (May 2018)
- WIPO QUT Master of Laws (LL.M) in Intellectual Property, Brisbane, Australia (June 2018)
- WIPO-WTO Colloquium for Teachers of Intellectual Property, Geneva, Switzerland (June 2018)
- First Edition of the WIPO Summer Course on Intellectual Property [participation via video conference], Rio de Janeiro, Brazil (July 2018)
- Conference on “Encouraging Plant Breeding, Challenges and Perspectives”, at the official launch of the Erasmus Mundus Master Program in Plant Breeding – emPLANT, Beauvais, France (August 2018)
- Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation, Geneva, Switzerland (September 2018)
- Master of Laws (LL.M.) in Intellectual Property (WIPO/University of Turin/ITC-ILO), Geneva, Switzerland (October 2018)
- Contribution with ARIPO via videoconferencing to presentations on plant variety protection at the Masters Degree in Intellectual Property Program at Africa University, Mutare, Zimbabwe (October 2018)
- WIPO/Tongji University Master’s Degree in Intellectual Property with specialization in Design (MIP in Design), Shanghai, China, Shanghai, China (November 2018)
- Master in Intellectual Property of the University of Alicante (Magister Lvcentinvs), Alicante, Spain (November 2018)

*(h) Implementation of projects with partner organizations and donors*

World Seed Partnership: 5 electronic meetings, 4 face-to-face meetings of the Steering Committee

## SUB-PROGRAM UV.4: EXTERNAL RELATIONS

UPOV's mission is to provide and promote an effective system of plant variety protection, with the aim of encouraging the development of new varieties of plants, for the benefit of society. The aim of this Sub-program is to explain how the UPOV system encourages the development of new varieties of plants, how new varieties benefit society and the role of the UPOV system in relation to agriculture and economic policy.

The publication of a series of videos produced in Canada, Kenya, Japan and Colombia, covering cherry, rose, rice and other crops, provided an important new source of information on the benefits of plant variety protection and UPOV membership. This material also provides important information for use in UPOV's various outreach activities. An area that will require investigation is the lack of growth in visit to the UPOV website and how this aspect can be improved.

- Objectives:**
- ◆ To broaden and enhance the understanding of the UPOV system of plant variety protection.
  - ◆ To provide information on the UPOV Convention to other intergovernmental organizations, with the aim of achieving mutual supportiveness with other international treaties.

### 1. Broaden public understanding of UPOV's role and activities

#### (a) Availability of suitable information and materials for the general public, on UPOV website and through other media

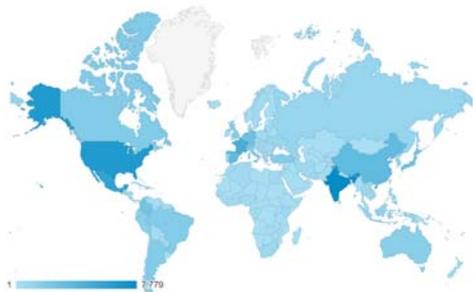
- UPOV Video: "Canadian cherry growers benefit from government policy"
- UPOV Video: "Rose industry blooming in Kenya"
- UPOV Video: "Tsuyahime rice, the secret of its success" Tsuyahime Rice"
- Colombia: "UPOV system bringing benefits for agriculture in Colombia"

#### (b) Visits to UPOV website

	2018*	2017	2016	2015	2014
<i>Number of Sessions:</i>	173,882	177,469	200,539	191,534	187,125
<i>Users:</i>	85,002	84,393	88,906	86,366	86,291
<i>Number of pageviews:</i>	672,169	857,442	1,153,307	1,087,382	1,127,786
<i>Number of pages/visit:</i>	3.87	4.83	5.75	5.68	6.03
<i>Average visit duration:</i>	00:03:48	00:04:30	00:05:13	00:05:15	00:06:00
<i>Percentage of new visits:</i>	79.8%	79.4%	42.70%	43.21%	44.19%

\* Statistics concerning GENIE are only available from January to May 30, 2018 (due to configuration changes).

#### Website Overview – Global Coverage



#### Sessions by country:

1.	India	(9.07%)
2.	United States of America	(7.51%)
3.	Mexico	(6.67%)
4.	France	(5.40%)
5.	Spain	(4.14%)
6.	China	(3.95%)
7.	Germany	(3.24%)
8.	Japan	(3.10%)
9.	Colombia	(3.00%)
10.	Netherlands	(2.85%)

Language of visitor's browser	2018		2017		2016		2015		2014	
	Sessions	%	Sessions	%	Sessions	%	Sessions	%	Sessions	%
1. en-us	47,702	27.43%	48,128	30.39	60,689	42.11	66,347	39.58	72,248	38.61
2. es-es	17,042	10.78%	6,091	(3.45)3.43	7,273	49.06	7,972	4.16	9,180	4.91
3. en-gb	10,494	6.08%	10,062	5.78	8,639	45.87	6,743	3.52	4,508	2.41
4. fr-fr	8,600	4.49%	5,185	(2.52)2.92	5,502	42.31				
5. zh-cn	6,564	3.73%	5,349	(3.13)3.01						
6. es-419	6,442		6,542	(4.76)3.69	5,605	57.38				
7. ja-jp	6,046	1.76%	6,545	(1.55)3.69	6,915	24.09	5,277	2.76	5,729	3.06
8. fr	5,674	3.54%	9,471	5.71						
9. nl-nl	5,088	1.84%								
10. es	4,882	2.81	16,708	11.64	18,164	58.21	17,765	59.03	18,154	9.70
Total:	173,882		177,469		200,539		191,534		187,125	

1. en-us: American English; 2. es-es: Castilian Spanish; 3. en-gb: British English; 4. fr-fr (France); 5. zh-cn: Chinese; 6. es-419: Spanish (Latin America and the Caribbean); 7. ja-jp: Japanese (Japan); 8. fr: French; 9. nl-nl Dutch (Netherlands); 10. es: Spanish

## 2. Enhance understanding of UPOV's role and activities for stakeholders

(a) Availability on UPOV website and through other media of suitable information and materials, particularly for breeders, farmers and policy-makers

See Sub-Program UV.4, performance indicator "1. Broaden public understanding of UPOV's role and activities", section (a)

(b) Stakeholder features on the UPOV website

Visits to the UPOV Website in 2018

2,707 pageviews (0.4% of total pageviews on UPOV website (672,169 pageviews))

Language	Pageviews	Unique pageviews
English	1,604	1,238
Spanish	856	578
French	187	141
German	60	40

(c) Participation by stakeholders in seminars and symposia

- Seminar on the Protection of New Plant Varieties, Hangzhou, China (January 2018)
- Workshop on "India-EU collaboration in seed sector development and plant variety protection", New Delhi, India (February 2018)
- WIPO/UKIPO Roving Seminar: WIPO Services and Initiatives, London, United Kingdom (April 2018)
- Seminar on the implementation of the UPOV 1991 Act, Nairobi, Kenya (May 2018)
- Seminar on legal protection of new plant varieties, Tashkent, Uzbekistan (June 2018)
- Visit to IP Office, Wellington, New Zealand, Wellington, New Zealand (June 2018)
- Plant Variety Protection Debates: Connecting Law, Science and Social Science, Warwick, United Kingdom (June 2018)
- Eighth edition of the Annual Agri-Food Law Seminar, Brussels, Belgium (June 2018)
- Forum on the role of UPOV in the development of agriculture, Geneva, Switzerland (June 2018)
- High-Level Study Tour on Plant Variety Protection for promoting investments in Plant Breeding, Des Moines, United States of America, and Saskatoon, Canada (June 2018)
- International Seminar on the Benefits of Plant Variety Protection under the UPOV System, Muntinlupa, Philippines (August 2018)
- Regional Seminar on Plant Variety Protection under the 1991 Act of the UPOV Convention: benefits of public-private partnerships for transfer of technology, Lima, Peru (August 2018)
- Seminar on Breeders' Rights under the UPOV Convention and benefits for the promotion of public-private partnerships and transfer of technology, Quito, Ecuador (August 2018)
- Seminar on the Benefits of Plant Variety Protection, Sofia, Bulgaria (September 2018)

- International Seminar on New Plant Variety Protection, as part of the Celebration of the 60th Anniversary of the Establishment of the Agriculture Research Institute of Beijing, Beijing, China (September 2018)
- Conference “Genome Editing/CRISPR als Herausforderung für das Life Sciences-Recht”, Basel, Switzerland (October 2018)
- National Stakeholder Consultation on South Africa’s approval of the 1991 Act of the UPOV Convention, Pretoria, South Africa (October 2018)
- IPKey SEA Study Visit on Plant Variety Protection, Hanoi, Viet Nam (November 2018)
- IPKey SEA Conference on the benefits of membership in the International Union for the Protection of New Varieties of Plants, Yogyakarta, Indonesia (November 2018)

*(d) Participation at meetings of, and with, relevant stakeholders*

- AOHE General Assembly, Paris, France (January 2018)
- Meeting with Syngenta Foundation for Sustainable Agriculture, Basel, Switzerland (January 2018)
- ASTA Vegetable and Flower Seed Conference, San Diego, United States of America (January 2018)
- WSP Steering Committee meeting with Bill & Melinda Gates Foundation and Syngenta Foundation, Cairo, Egypt (February 2018)
- Eighteenth AFSTA Annual Congress, Cairo, Egypt (February-March 2018)
- ISF Intellectual Property Committee meeting, Zurich, Switzerland (March 2018)
- 15th edition of the International Career Day, Basel, Switzerland (March 2018)
- CPVO Administrative Council meeting, Angers, France (March 2018)
- Meeting with CPVO and ISF, Angers, France (March 2018)
- Meeting on the implementation of the Nagoya Protocol and Access and Benefit Sharing, Angers, France (March 2018)
- CIOPORA Academy and 57<sup>th</sup> Annual General Meeting of CIOPORA, Ghent, Belgium (April 2018)
- Meeting on the preparatory work for the 2018 Edition of the International Course on Plant Variety Protection, Amsterdam, Netherlands (April 2018)
- WFO 2018 General Assembly, Moscow, Russian Federation (May 2018)
- ISF World Seed Congress 2018, Brisbane, Australia (June 2018)
- SeedConnect Conference, Abuja, Nigeria (June 2018)
- Awareness-raising workshop on industrial property, Dijon, France (June 2018)
- CIOPORA Academy Workshop, Washington D. C., United States of America (September 2018)
- European Seed Association Annual Meeting, Madrid, Spain (October 2018)
- Conference “Genome Editing/CRISPR als Herausforderung für das Life Sciences-Recht”, Basel, Switzerland (October 2018)
- Annual General Meeting of the British Society of Plant Breeders, London, United Kingdom (October 2018)
- AFSTA Plant Variety Protection Workshop, Nairobi, Kenya (October 2018)
- GRUR Annual Committee Meeting, Munich, Germany (October 2018)
- Colombian Seed Congress (Acosemillas 2018), Bogota, Colombia (November 2018)
- APSA Asian Seed Congress 2018, Manila, Philippines (November 2018)
- Award ceremony of “Les insignes de Chevalier de l’Ordre National du Mérite”, Paris, France (December 2018)

*(e) Articles in relevant publications to which UPOV has contributed*

- Contribution to Seed Info No 55
- Contribution to Cultivar Magazine France with article on “Development of the Plant Breeders’ Right Application tool (UPOV PRISMA)”
- Contribution to European Seed with article on “Helping breeders making their varieties more widely available UPOV PRISMA - the new on-line PBR Application Tool”
- Video interview for IssuesInk / European Seed on the impact of the UPOV system and latest developments with UPOV PRISMA. The video is available from the UPOV website at <https://youtu.be/1yS7qbqu1oc>

**3. Enhance understanding of UPOV's role and activities with other organizations**

*(a) Participation at meetings of, and with, relevant organizations*

- Ad-Hoc Working Group Meetings and Technical Working Group Meeting of the OECD Seed Schemes, Paris, France (January-February 2018)
- Meeting with the CPVO on future developments for UPOV PRISMA, Angers, France (March 2018)
- Thirty-fifth session of the WIPO IGC, Geneva, Switzerland (March 2018)
- CPVO Administrative Council meeting, Angers, France (March 2018)
- Meeting with CPVO and ISF, Angers, France (March 2018)
- XML4IP Task Force of the Committee on WIPO Standards, Moscow, Russian Federation (May 2018)
- Meeting of the Council for TRIPS, Geneva, Switzerland (June 2018)
- Thirty-sixth session of the WIPO IGC, Geneva, Switzerland (June 2018)
- Ad-Hoc Working Group Meetings, Technical Working Group Meeting and Annual Meeting of the OECD Seed Schemes, Paris, France (June 2018)
- Training provided to one UPOV staff by CPVO: observation of formal assessment by the CPVO Quality Audit Service (QAS) of the Finnish Food Safety Authority (Evira) as an examination office, Turku, Finland (July 2018)
- Ninth Session of the Intergovernmental Technical Working Group on Plant Genetic Resources for Food and Agriculture, Rome, Italy (July 2018)
- Thirty-seventh session of the WIPO IGC, Geneva, Switzerland (August 2018)
- First meeting of the Ad Hoc Technical Expert Group (AHTEG) on Farmers' Rights of the ITPGRFA, Rome, Italy (September 2018)
- Visit to FAO Legal Office, Rome, Italy (September 2018)
- CPVO Administrative Committee meeting, Sofia, Bulgaria (September 2018)
- Seminar on the Benefits of Plant Variety Protection, Sofia, Bulgaria (September 2018)
- Fifty-Eighth Series of Meetings of the WIPO Assemblies, Geneva, Switzerland (September-October 2018)
- WIPO Forum on Strengthening IP Management in African Universities, Nairobi, Kenya (October 2018)
- Open session of the ARIPO Administrative Council, Windhoek, Namibia (November 2018)
- Annual Meeting between the CPVO and its Examination Offices, Angers, France (December 2018)

[Appendix follows]

## APPENDIX

## ACRONYMS AND ABBREVIATIONS

UPOV terms

BMT	Working Group on Biochemical and Molecular Techniques, and DNA-Profiling in Particular
CAJ	Administrative and Legal Committee
DL-205	UPOV distance learning course "Introduction to the UPOV System of Plant Variety Protection under the UPOV Convention"
DL-305	UPOV distance learning course "Examination of Applications for Plant Breeders' Rights"
DL-305A	UPOV distance learning course "Administration of Plant Breeders' Rights" (part A of DL-305)
DL-305B	UPOV distance learning course "DUS Examination" (part B of DL-305)
DUS	Distinctness, Uniformity and Stability
EAF (see also UPOV PRISMA)	UPOV Electronic Application Form
EDV	essentially derived variety
Office	Office of the Union
PBR	Plant Breeder's Right
TC	Technical Committee
TC-EDC	Enlarged Editorial Committee
TWA	Technical Working Party for Agricultural Crops
TWC	Technical Working Party on Automation and Computer Programs
TWF	Technical Working Party for Fruit Crops
TWO	Technical Working Party for Ornamental Plants and Forest Trees
TWP(s)	Technical Working Party(ies)
TWV	Technical Working Party for Vegetables
UPOV PRISMA	UPOV PRISMA PBR Application Tool
WG-DEN	Working Group on Variety Denominations
WG-ISC	Working Group on a Possible International System of Cooperation
WSP	World Seed Partnership

Acronyms

Acosemillas	<i>Asociación colombiana de semillas y biotecnología</i> (Colombian Seed and Biotechnology Association)
AFSTA	African Seed Trade Association
ALTIUS	Belgian law firm
AOHE	Association of European Horticultural Breeders
APSA	Asia and Pacific Seed Association
ARIPO	African Regional Intellectual Property Organization
ASTA	American Seed Trade Association
BSPB	British Society of Plant Breeders Ltd.
CFIA	Canadian Food Inspection Agency
CGIAR	Consultative Group on International Agricultural Research
CGRFA	Commission on Genetic Resources for Food and Agriculture
CIOPORA	International Community of Breeders of Asexually Reproduced Ornamental and Fruit Varieties
COMESA	Common Market for Eastern and Southern Africa
CPVO	Community Plant Variety Office of the European Union
DAFF of South Africa	Department of Agriculture, Forestry and Fisheries of South Africa
DGALR of Oman	Directorate General of Agriculture and Livestock Research (DGALR), Ministry of Agriculture and Fisheries of the Sultanate of Oman
DMKNL	<i>Deutsch – Mongolisches Kooperationsprojekt Nachhaltige Landwirtschaft</i> (German-Mongolian cooperation project for sustainable agriculture)
EAPVP Forum	East Asia Plant Variety Protection Forum
EPO	European Patent Office
ESA	European Seed Association
EUIPO	European Intellectual Property Office
FAO	Food and Agriculture Organization of the United Nations
GRUR	<i>Deutsche Vereinigung für gewerblichen Rechtsschutz und Urheberrecht</i> (German Association for the Protection of Intellectual Property)
ICA	<i>Instituto Colombiano Agropecuario</i> (Colombian Agriculture and Livestock Institute)

INDECOPI of Peru	National Institute for the Defense of Free Competition and the Protection of Intellectual Property
IPA of Uzbekistan	Agency on Intellectual Property of Uzbekistan
IP Key	IP Key is co-financed by the European Union and the European Intellectual Property Office (EUIPO). It is implemented by EUIPO in cooperation with EPO.
IPO	Intellectual Property Office
IPONZ	Intellectual Property Office of New Zealand
ISF	International Seed Federation
ISSD	Integrated Seed Sector Development
ISTA	International Seed Testing Association
ITC-ILO	International Training Centre of the International Labour Organization
ITPGRFA	International Treaty on Plant Genetic Resources for Food and Agriculture
JATAFF	Japan Association for Techno-innovation in Agriculture, Forestry and Fisheries
JICA	Japan International Cooperation Agency
KEPHIS	Kenya Plant Health Inspectorate Service
KOICA	Korea International Cooperation Agency
KSVS	Korea Seed and Variety Service
MAFF of Japan	Ministry of Agriculture, Forestry and Fisheries of Japan
MARA of China	Ministry of Agriculture and Rural Affairs of China
MOALI of Myanmar	Ministry of Agriculture, Livestock and Irrigation of Myanmar
MOFALI of Mongolia	Ministry of Food, Agriculture and Light Industry of Mongolia
Naktuinbouw	The Netherlands Inspection Service for Horticulture
NASC of Nigeria	National Agricultural Seeds Council of Nigeria
OAPI	African Intellectual Property Organization
OECD	Organisation for Economic Co-Operation and Development
PRV of Sweden	Swedish Patent and Registration Office
QUT of Australia	Queensland University of Technology of Australia
SAA	Seed Association of the Americas
SENADI of Ecuador	<i>Servicio Nacional de Derechos Intelectuales</i> (National Service of Intellectual Rights)
SFA of China	State Forestry Administration of China
SFSA	Syngenta Foundation for Sustainable Agriculture
Sida	Swedish International Development Cooperation Agency
TRIPS	Trade Related Aspects of Intellectual Property Rights
UKIPO	Intellectual Property Office of the United Kingdom
UNCTAD	United Nations Conference on Trade and Development
USDA	United States Department of Agriculture
USPTO	United States Patent and Trademark Office
WFO	World Farmers' Organization
WIPO	World Intellectual Property Organization
WIPO IGC	WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore
WTO	World Trade Organization

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<sup>i</sup> Definitions used in Website statistics in this report:

- "Users" are individuals who have had at least one session within the selected date range.
- A "session" is the period of time a user is actively engaged with your website. "Sessions" are the total number of sessions within the given date range.
- "Unique Pageviews" are the number of visits during which the specified page was viewed at least once.
- "Pageviews" are the total number of times that a page was viewed. Repeated views of a single page by the same user during the same session are counted.

[End of Appendix and of document]