|  |  |
| --- | --- |
|  | E |
| International Union for the Protection of New Varieties of Plants |  |

|  |  |
| --- | --- |
| CouncilFifty-First Ordinary SessionGeneva, October 26, 2017 | C/51/2Original: EnglishDate: October 11, 2017 |

Annual report of the Secretary-General for 2016

Document prepared by the Office of the Union

Disclaimer: this document does not represent UPOV policies or guidance

 This document presents the Annual Report of the Secretary-General for 2016. Annex III to this document reports on the results achieved during 2016 according to the structure of the Program and Budget for the 2016-2017 Biennium (document C/49/4 Rev.). A list of acronyms and abbreviations is provided in the appendix.

EXECUTIVE SUMMARY

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

Composition of the Union

 As of December 31, 2016, the Union comprised 74 members. Fifty-six 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. Annex I provides the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2016.

Sessions of the Council and its Subsidiary Bodies

 The Council held an extraordinary session in March 2016, under the chairmanship of Mr. Luis Salaices (Spain), President of the Council. The session was attended by 35 members of the Union, one observer State and five observer organizations. The Council held an ordinary session in October 2016, under the chairmanship of Mr. Raimundo Lavignolle (Argentina), Vice-President of the Council. The session was attended by 43 members of the Union, 3 observer States and 4 observer organizations. The Consultative Committee held two sessions, in March 2016 under the chairmanship of Mr. Salaices, and in October 2016, under the chairmanship of Mr. Lavignolle. A summary of the results achieved by the Council and Consultative Committee in 2016 is provided in Annex III to this document, under Sub-program UV.1: Overall Policy on Plant Variety Protection.

 The CAJ held one session in October 2016, the TC held one session in March 2016. The TC-EDC held meetings in January and March. The timing and location of the TWP sessions and their associated preparatory workshops were as follows:

* BMT: Moscow, Russian Federation (May)
* TWC: Shanghai, China (June)
* TWO: Gimcheon City, Republic of Korea (June)
* TWV: Brno, Czech Republic (June/July)
* TWA: Mexico City, Mexico (July)
* TWF: Angers, France (November)

4. A summary of the results achieved by the CAJ, TC and TWPs in 2016 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.

Courses, Seminars, Workshops, Missions, Important Contacts

 In 2016, the Office undertook a total of 94 missions (73 outside Geneva and 21 in Geneva), a list of which is provided in Annex II to this document. Missions between January and September are reported in document [C/50/3](http://www.upov.int/edocs/mdocs/upov/en/c_50/c_50_3.pdf) “Report on activities during the first nine months of 2016”, and missions between October and December are reported in paragraphs 28 to 61.

 Two sessions of each of the UPOV Distance Learning Courses 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 and DL305B in one course), DL-305A “Administration of Plant Breeders’ Rights” and DL-305B “DUS Examination” were organized in English, French German and Spanish. 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”.

Relations with States and Organizations

 The Office provided assistance on plant variety protection legislation to five members of the Union and 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 two members of the Union. It also 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 20 potential members of the Union.

4. The Office met with representatives of 13 intergovernmental organizations to coordinate activities or to provide information on UPOV and participated in events organized by six professional associations in order to follow developments in the practical application of plant variety protection at a global and regional level.

Publications

 The Office published: 109 updates of the Plant Variety Database (PLUTO), six documents adopted by the Council, and seven new or revised adopted Test Guidelines.

Table of contents

[I. COMPOSITION OF THE UNION 3](#_Toc495507874)

[Members 3](#_Toc495507875)

[Situation in Relation to the Various Acts of the Convention 3](#_Toc495507876)

[States/organizations that have initiated the procedure to become a member of the Union 3](#_Toc495507877)

[II. SESSIONS OF THE COUNCIL AND ITS SUBSIDIARY BODIES 3](#_Toc495507878)

[Council 3](#_Toc495507879)

[Consultative Committee 4](#_Toc495507880)

[Administrative and Legal Committee, Technical Committee, Technical Working Parties and Working Group on Biochemical and Molecular Techniques, and DNA-Profiling in Particular 4](#_Toc495507881)

[III. COURSES, SEMINARS, WORKSHOPS, MISSIONS, IMPORTANT CONTACTS 4](#_Toc495507882)

[Individual activities 4](#_Toc495507883)

[Distance Learning Courses 7](#_Toc495507884)

[IV. RELATIONS WITH STATES AND ORGANIZATIONS 7](#_Toc495507885)

[V. PUBLICATIONS 8](#_Toc495507886)

ANNEX I: Members of the Union

ANNEX II: Overview of missions in 2016

ANNEX III: Results and performance indicators for 2016

Appendix: Acronyms and abbreviations

# I. COMPOSITION OF THE UNION

## Members

 As of December 31, 2016, the Union comprised 74 members: African Intellectual Property Organization, Albania, Argentina, Australia, Austria, Azerbaijan, Belarus, Belgium, Bolivia (Plurinational State of), 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, 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, the former Yugoslav Republic of Macedonia, 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

 On December 31, 2016, the situation of the members of the Union in relation to the Convention and its various Acts was as follows:

 (a) 56 members were bound by the 1991 Act, namely: African Intellectual Property Organization, Albania, Australia, Austria, Azerbaijan, Belarus, Bulgaria, Canada, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Estonia, European Union, France, Finland, Georgia, Germany, Hungary, Iceland, Ireland, Israel, Japan, Jordan, Kenya, Kyrgyzstan, Latvia, Lithuania, Montenegro, Morocco, Netherlands, Oman, Panama, Peru, Poland, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Serbia, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, the former Yugoslav Republic of Macedonia, 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;

 Annex I provides the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2016.

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

 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.”

 No requests were received for examination of laws by the Council in 2016.

# II. SESSIONS OF THE COUNCIL AND ITS SUBSIDIARY BODIES

## Council

 The Council held its thirty-third extraordinary session on March 17, 2016, under the chairmanship of Mr. Luis Salaices (Spain), President of the Council. The session was attended by 35 members of the Union, one observer State and five observer organizations. The report on the decisions of that session is presented in document C(Extr.)/33/6.

 The Council held its fiftieth ordinary session on October 28, 2016, under the chairmanship of Mr. Raimundo Lavignolle (Argentina), Vice-President of the Council. The session was attended by 43 members of the Union, 3 observer States and 4 observer organizations. The report of that session is presented in document C/50/20.

 A summary of the results achieved by the Council in 2016 is provided in Annex III to this document, under Sub-program UV.1: Overall Policy on Plant Variety Protection.

## Consultative Committee

 The Consultative Committee held its ninety-first session on March 17, 2016, under the chairmanship of Mr. Luis Salaices (Spain). A report on the work of the ninety-first session is contained in document C(Extr.)/33/3.

 The Consultative Committee held its ninety-second session on October 27, and on the morning of October 28, 2016, under the chairmanship of Mr. Raimundo Lavignolle (Argentina). A report on the work of the ninety-second session is contained in document C/50/17.

 A summary of the results achieved by the Consultative Committee in 2016 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

 The CAJ held its seventy-third session on October 25, 2016.

 The TC held its fifty-second session from March 14 to 16, 2016. The TC-EDC held meetings on January 6 and 7 and on March 14 and 15, 2016. The TWA held its forty-fifth session in Mexico City, Mexico, from July 11 to 15, 2016. The TWC held its thirty-fourth session in Shanghai, China, from June 7 to 10, 2016. The TWF held its forty‑seventh session in Angers, France, from November 14 to 18, 2016. The TWO held its forty‑ninth session in Gimcheon City, Republic of Korea, from June 13 to 17, 2016. The TWV held its fiftieth session in Brno, Czech Republic, from June 27 to July 1, 2016. The BMT held its fifteenth session in Moscow, Russian Federation, from May 24 to 27, 2016. Each of the TWP sessions was preceded by a preparatory workshop.

 Further information on the work of the CAJ, TC and TWPs is contained in documents C/50/9 and C/51/9 “Progress report of the work of the Administrative and Legal Committee”, and C/50/10 and C/51/10 “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”.

 A summary of the results achieved by the CAJ, TC and TWPs in 2016 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[[1]](#footnote-2)\*, IMPORTANT CONTACTS

## Individual activities

 A detailed report on activities of the Office from January 1 to September 30, 2016 is available in document [C/50/3](http://www.upov.int/edocs/mdocs/upov/en/c_50/c_50_3.pdf) “Report on activities during the first nine months of 2016”, paragraphs 18 to 103. 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.

 A list of missions by the Office in 2016 is available in Annex II to this document.

 The following paragraphs report on activities from October 1 to December 31, 2016.

 On October 4, in Geneva, the Office met with Mr. Denis Loukou Bohousou, Director General, Intellectual Property Office of Côte d’Ivoire, to discuss the procedure for becoming a UPOV member.

 On October 4 and 5, respectively, in Angers, France, the Office participated in a meeting of the CPVO Administrative Council and in the second meeting of the CPVO Working Group for the Revision of the Variety Denominations Explanatory Notes and Guidelines.

 On October 6, at WIPO headquarters in Geneva, the Office made a presentation via video conferencing on the “Implementation of the International Convention for the Protection of New Varieties of Plants (UPOV)” to participants of the 2016 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 37 participants from Argentina, Bahamas, Belize, Brazil, Colombia, Croatia, Egypt, Ecuador, France, Germany, India, Italy, Jordan, Kyrgyzstan, Lithuania, Luxembourg, Malaysia, Montenegro, Myanmar, Nigeria, Philippines, Poland, Republic of Moldova, Russian Federation, Samoa, Sudan, Tajikistan, United States of America, Uzbekistan and Viet Nam.

 On October 6, at WIPO headquarters in Geneva, the Office participated in a meeting of Heads of Intellectual Property Offices of Caribbean countries, organized by WIPO, with participants from
Antigua and Barbuda, Barbados, Grenada, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, and Trinidad and Tobago.

 On October 6, in Geneva, the Office met with Mr. Denis Croze, Director, and Mr. Candra Darusman, Deputy Director, WIPO Singapore Office, to discuss latest developments in the Asia and Pacific Region.

 On October 7, at WIPO headquarters in Geneva, the Office attended a panel discussion on developing *sui generis* options for plant variety protection and the role of WIPO, organized by the Third World Network (TWN), APBREBES and South Centre as a side event during WIPO Assemblies.

 On October 7, the Office participated in an electronic meeting with representatives of the World Seed Project Steering Committee to discuss progress on the World Seed Project. Another electronic meeting took place on November 25.

 From October 9 to 11, in Rome, Italy, the Office attended the ESA Annual Meeting.

 On October 10, in Geneva, the Office received the visit of Ms. Heather Clarke, Registrar/Director, Corporate Affairs and Intellectual Property Office, Barbados, to discuss proposals to amend the legislation on plant variety protection and the procedure to become a member of the Union.

 On October 10, in Geneva, the Office received the visit of Mr. Richard Aching, Manager, Technical Examination, Intellectual Property Office, Trinidad and Tobago, to discuss proposals to amend the legislation on plant variety protection and the procedure to accede to the 1991 Act of the UPOV Convention.

 On October 11 and 12, in Des Moines, United States of America, the Office participated in the Seed Security for Food Security Forum, where it made a presentation on “The role of UPOV in seed security” and visited the premises of DuPont Pioneer.

 On October 17, in Beauvais, France, the Office made presentations on “Introduction to UPOV & benefits of UPOV PVP system”, “Key Provisions of the UPOV Convention”, “Arrangements for DUS examinations” and “Relationship between the UPOV Convention and other International Treaties” to students at the Plant Breeding Master Program of the *Institut Polytechnique LaSalle Beauvais*. Students from the following countries took the UPOV distance learning course DL-205 as a part of the Program: Ethiopia, France, Ghana, Kenya, Liberia, Malawi, Pakistan, Romania, Spain, Sweden and Turkey.

 On October 18 and 19, in Belgrade, Serbia, the Office made presentations on the “Impact of plant variety protection under the UPOV Convention” and “Scope and exceptions of Breeders’ Rights under the UPOV Convention” at the TAIEX Workshop on the importance and value of plant breeders' rights for farmers and growers.

 On October 22, in Vienna, Austria, the Office participated in the Fourth meeting of the Platform for the Co-Development and Transfer of Technologies, organized by the ITPGRFA.

 On October 24, in Geneva, the Office organized a “Seminar on propagating and harvested material in the context of the UPOV Convention”, which was attended by 101 participants, 12 speakers and 4 moderators.

 On October 26, in Geneva, the Office and the Secretariat of the ITPGRFA jointly organized a “Symposium on possible interrelations between the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and the International Convention for the Protection of New Varieties of Plants (UPOV Convention)”. The symposium was attended by 121 participants, 14 speakers and 2 co‑moderators.

 On October 26, in Geneva, at the fringes of the UPOV sessions, the Office participated in a meeting with representatives of OAPI, CPVO, France and the Netherlands to discuss training and assistance for OAPI.

 On November 8 and 9, at WTO headquarters in Geneva, the Office attended the relevant parts of the meeting of the Council for TRIPS.

 On November 9, in Incheon, Republic of Korea, the Office attended the Asian Seed Congress 2016 and the APSA Standing Committee on Intellectual Property Rights & Biodiversity, where it made a presentation on recent developments in UPOV.

 On November 9 and 10, in Alicante, Spain, the Office made presentations on UPOV and the UPOV Convention at the “III Plant Variety Rights Intensive Module on Plant Variety Protection”, as part of the Master of Intellectual Property (Magister Lvcentinvs) of the University of Alicante.

 On November 18 and 19, in Sochi, Russian Federation, the Office attended the Second World Grain Forum and made presentations on UPOV.

 On November 24, at WIPO headquarters in Geneva, the Office made presentations on UPOV during a study visit of parliamentarians from Chile and the Dominican Republic.

 On November 28, in Geneva, the Office met with Mr. Michael Keller, Secretary General of ISF, to discuss recent developments in ISF and UPOV.

 From November 28 to December 2, in Geneva, a Train the Trainer Course on Plant Variety Protection under the UPOV Convention was organized in French by UPOV, in cooperation with the Ministry of Economic Affairs of the Netherlands and WIPO. Eighteen speakers and one trainer provided lectures to 14 participants: two from the OAPI Secretariat, 10 focal points for OAPI in OAPI Member States (Benin, Burkina Faso, Cameroon, Central African Republic, Côte d’Ivoire, Gabon, Guinea-Bissau, Mali, Mauritania, Senegal), one from France and one from the International Potato Center (CIP) in Peru. Participants were invited to take the UPOV Distance Learning Course DL-205 in advance of the training.

 Between November 28 and December 2, in Geneva, the Office attended relevant parts of the thirty‑second session of the WIPO IGC.

 On December 5, in Nay Pyi Taw, Myanmar, the Office participated in a Seminar on Awareness Raising on the UPOV System of Plant Variety Protection, organized by the MAFF of Japan in cooperation with UPOV and USPTO. The Office made presentations on “Basic Principles of the UPOV Convention and Benefits of UPOV membership” and “Tools for UPOV members for international cooperation and harmonization”.

 On December 5 and 6, in Chicago, United States of America, the Office participated in the United States Department of Agriculture (USDA) Plant Variety Protection (PVP) Board meeting, where it made a presentation on “The UPOV system, the Electronic Application Form and a possible International System of Cooperation”.

 On December 6, in Nay Pyi Taw, Myanmar, the Office participated in a legal consultation with relevant officials of the Ministry of Agriculture of Myanmar concerning the proposed amendments to the Plant Variety Protection Law of Myanmar.

 On December 6 and 7, in Nouakchott, Mauritania, the Office participated in the Fifty-Sixth Session of the OAPI Administrative Council.

 On December 7, in Bangkok, Thailand, the Office met with the Director General of the Ministry of Agriculture of Thailand to discuss plant variety protection developments in UPOV and in Thailand.

 On December 7 and 8, in Tokyo, Japan, the Office met with MAFF officials to discuss plans for the Fund-in-Trust of Japan.

 On December 7 and 8, in Angers, France, the Office attended the Twentieth Annual Meeting between CPVO and its Examination Offices.

 From December 12 to 16, in Montevideo, Uruguay, the Office, in collaboration with AECID, OEVV, USPTO and WIPO, organized a Workshop on the benefits of the 1991 Act of the UPOV Convention for policies related to agriculture and food security. The workshop was attended by 20 experts from 16 countries: Argentina, Bolivia (Plurinational State of), Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Paraguay, Peru and Uruguay. Lectures were given by speakers from Chile, Peru, Spain, CPVO, UPOV, USPTO and WIPO. Participants were invited to take the UPOV Distance Learning Course DL-205 in advance of the training.

 On December 16, at WIPO headquarters in Geneva, the Office presented an “Overview of the Importance and Impact of Plant Variety Protection with Specific Reference to Africa” during a study visit of senior government officials of Ethiopia.

## Distance Learning Courses

 Two sessions of each of the following UPOV Distance Learning Courses were held in English, French, German and Spanish from February 15 to March 20, 2016 and from September 26 to October 30, 2016:

* 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)”.

 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

 The Office provided assistance on plant variety protection legislation to the following members: Azerbaijan, Chile, Dominican Republic, New Zealand, Switzerland and Trinidad and Tobago.

 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: Kenya and Trinidad and Tobago.

 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 ARIPO, Barbados, Brunei Darussalam, Côte d’Ivoire, Egypt, Ethiopia, Iran (Islamic Republic of), Ghana, Guatemala, Jamaica, Kazakhstan, Lao People’s Democratic Republic, Liechtenstein, Malaysia, Myanmar, Saudi Arabia, Tajikistan, Thailand, Togo and the United Arab Emirates.

 The Office met with representatives of intergovernmental organizations to coordinate activities or to provide information on UPOV. The Office participated in meetings of, or had meetings with APEC, ARIPO, CARICOM, CGIAR, CIP, European Union (CPVO), FAO, ISTA, ITPGRFA, OAPI, OECD, United Nations, WIPO and WTO.

 The Office participated in events organized by the following organizations in order to follow developments in the practical application of plant variety protection at a global and regional level: AFSTA, APSA, CIOPORA, ESA, ISF and WFO.

# V. PUBLICATIONS

 The Office published:

 (a) 109 updates of the Plant Variety Database (PLUTO);

(b) six documents adopted by the Council at its fiftieth ordinary session, held on October 28, 2016:

TGP/7 Development of Test Guidelines (Revision)

TGP/8 Trial Design and Techniques Used in the Examination of Distinctness, Uniformity and Stability (Revision)

TGP/0 List of TGP documents and latest issue dates (Revision)

UPOV/INF/16 Exchangeable Software (Revision)

UPOV/INF/22 Software and Equipment Used by Members of the Union (Revision)

UPOV/INF-EXN List of INF-EXN Documents and Latest Issue Dates (Revision)

 The following Test Guidelines were adopted by the TC at its fifty-second session, held from March 14 to 16, 2016, and have been, or will be, published on the website:

| \*\* | TWP | Document No. No. du document Dokument-Nr. No del documento | English | Français | Deutsch | Español | Botanical name |
| --- | --- | --- | --- | --- | --- | --- | --- |
| NEW TEST GUIDELINES / NOUVEAUX PRINCIPES DIRECTEURS D’EXAMEN / NEUE PRÜFUNGSRICHTILINIEN /NUEVAS DIRECTRICES DE EXAMEN |
| BR | TWF | TG/314/1 | Coconut | Cocotier | Kokosnuß | Cocotero | Cocos nucifera L. |
| ZA | TWO | TG/315/1 | Plectranthus, Spur Flower | Plectranthe | Harfenstrauch | Plectranthus | Plectranthus L’Hér. excluding P. scutellarioides |
| JP | TWO | TG/316/1 | Salvia, Sage | Sauge | Salbei; Salvie | Salvia  | Salvia L. |
| NZ | TWO | TG/317/1 | Cordyline, Cabbage Tree, Torquay Palm | Cordyline | Cordyline; Keulenbaum; Keulenlilie | Cordyline | Cordyline Comm. ex Juss. excluding C. brasiliensis Planch. and C. fruticosa (L.) A. Chev. |
| MX | TWF | TG/318/1 | Avocado; Coyo avocado (rootstock) | Avocatier (Porte-greffe) | Avocado; wilde Avocado (Unterlagen) | Aguacate, Palta; Chinini; Coyó (Porta injerto) | Persea americana Mill.; Persea schiedeana Nees (Rootstock) |
| REVISIONS OF TEST GUIDELINES / RÉVISIONS DE PRINCIPES DIRECTEURS D’EXAMEN ADOPTÉS / REVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES DE DIRECTRICES DE EXAMEN ADOPTADAS |
| DE | TWV | TG/200/2 | Basil | Basilic | Basilikum | Albahaca | Ocimum basilicum L. |
| DE | TWO | TG/207/2 | Calibrachoa | Calibrachoa | Calibrachoa | Calibrachoa | Calibrachoa Cerv. |
| PARTIAL REVISIONS OF TEST GUIDELINES / RÉVISIONS PARTIELLES DE PRINCIPES DIRECTEURS D’EXAMEN ADOPTÉS /TEILREVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES PARCIALES DE DIRECTRICES DE EXAMEN ADOPTADAS |
| NL | TWV | TG/45/7 Rev. | Cauliflower | Chou-fleur | Blumenkohl | Coliflor | Brassica oleracea L. convar. botrytis (L.) Alef. var. botrytis,Brassica caulifloria Lizg. |
| NL | TWV | TG/48/7 Rev. | Cabbage | Chou pommé | Kopfkohl  | Col, Repollo  | Brassica oleracea L. convar. capitata (L.) Alef. |
| NL | TWV | TG/54/7 Rev. | Brussels Sprouts | Chou de Bruxelles | Rosenkohl | Col de Bruselas | Brassica oleracea L. var. gemmifera DC. |
| NL | TWV | TG/55/7 Rev. 4 | Spinach | Épinard | Spinat | Espinaca | Spinacia oleracea L. |
| DE | TWV | TG/63/7-TG/64/7 Rev. | Black Radish  | Radis d’été, d’automne et d’hiver | Rettich  | Rabano de invierno,Rabano negro | Raphanus sativus L. var. niger (Mill.) S. Kerner (Raphanus sativus L. var. major A. Voss, Raphanus sativus L. var.longipinnatus L.H. Bailey) |
| NL | TWV | TG/65/4 Rev. | Kohlrabi  | Chou-rave  | Kohlrabi  | Col rábano  | Brassica oleracea L. var. gongylodes L. |
| NL | TWV | TG/90/6 Corr. Rev. | Curly Kale | Chou frisé  | Grünkohl  | Col rizada  | Brassica oleracea L. var. sabellica L. |
| NL | TWV | TG/151/4 Rev. | Calabrese, Sprouting Broccoli | Broccoli | Brokkoli | Bróculi | Brassica oleracea L. convar. botrytis (L.) Alef. var. cymosa Duch. |
| QZ | TWV | TG/294/1 Corr. Rev.2 | Tomato Rootstocks  | Porte-greffe de tomate  | Tomatenunterlagen  | Portainjertos de tomate  | 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 |

 *The Council is invited to note this report.*

[Annexes follow]

C/51/2

ANNEX I

MEMBERS OF THE UNION

December 31, 2016

This document provides the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2016 (see Articles 31 and 32 of the 1961 Convention, Article 32(1) of the 1978 Act and Article 34(2) of the 1991 Act).

- 1st line: International Convention for the Protection of New Varieties of Plants of December 2, 1961

- 2nd line: Additional Act of November 10, 1972

- 3rd line: Act of October 23, 1978

- 4th 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, 1989December 20, 1999 | --March 1, 1989January 20, 2000 |
| Austria | ---- | --June 14, 1994June 1, 2004 | --July 14, 1994July 1, 2004 |
| Azerbaijan | ---- | ---November 9, 2004 | ---December 9, 2004 |
| Belarus | ---- | ---December 5, 2002 | ---January 5, 2003 |
| Belgium | December 2, 1961November 10, 1972October 23, 1978March 19, 1991 | November 5, 1976November 5, 1976-- | December 5, 1976February 11, 1977-- |
| Bolivia (Plurinational State of) | ---- | --April 21, 1999- | --May 21, 1999- |
| Brazil | ---- | --April 23, 1999- | --May 23, 1999- |
| Bulgaria | ---- | ---March 24, 1998 | ---April 24, 1998 |
| Canada | --October 31, 1979March 9, 1992 | --February 4, 1991June 19, 2015 | --March 4, 1991July 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[[2]](#footnote-3)/ | ---- | ---October 24, 2002 | --January 1, 1993November 24, 2002 |
| Denmark | November 26, 1962November 10, 1972October 23, 1978March 19, 1991 | September 6, 1968February 8, 1974October 8, 1981April 26, 1996 | October 6, 1968February 11, 1977November 8, 1981April 24, 1998 |
| Dominican Republic | ---- | ---May 16, 2007 | ---June 16, 2007 |
| Ecuador | ---- | --July 8, 1997- | --August 8, 1997- |
| Estonia | ---- | ---August 24, 2000 | ---September 24, 2000 |
| European Union | ---- | ---June 29, 2005 | ---July 29, 2005 |
| Finland | ---- | --March 16, 1993June 20, 2001 | --April 16, 1993July 20, 2001 |
| France | December 2, 1961November 10, 1972October 23, 1978March 19, 1991 | September 3, 1971January 22, 1975February 17, 1983April 27, 2012 | October 3, 1971February 11, 1977March 17, 1983May 27, 2012 |
| Georgia | ---- | ---October 29, 2008 | ---November 29, 2008 |
| Germany | December 2, 1961November 10, 1972October 23, 1978March 19, 1991 | July 11, 1968July 23, 1976March 12, 1986June 25, 1998 | August 10, 1968February 11, 1977April 12, 1986July 25, 1998 |
| Hungary | ---- | --March 16, 1983December 1, 2002 | --April 16, 1983January 1, 2003 |
| Iceland | ---- | ---April 3, 2006 | ---May 3, 2006 |
| Ireland | --September 27, 1979February 21, 1992 | --May 19, 1981December 8, 2011 | --November 8, 1981January 8, 2012 |
| Israel | ---October 23, 1991 | November 12, 1979November 12, 1979April 12, 1984June 3, 1996 | December 12, 1979December 12, 1979May 12, 1984April 24, 1998 |
| Italy | December 2, 1961November 10, 1972October 23, 1978March 19, 1991 | June 1, 1977June 1, 1977April 28, 1986- | July 1, 1977July 1, 1977May 28, 1986- |
| Japan | --October 17, 1979- | --August 3, 1982November 24, 1998 | --September 3, 1982December 24, 1998 |
| Jordan | ---- | ---September 24, 2004 | ---October 24, 2004 |
| Kenya | ---- | --April 13, 1999April 11, 2016 | --May 13, 1999May 11, 2016 |
| 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, 1961November 10, 1972October 23, 1978March 19, 1991 | August 8, 1967January 12, 1977August 2, 1984October 14, 1996 | August 10, 1968February 11, 1977September 2, 1984April 24, 1998 |
| New Zealand | --July 25, 1979December 19, 1991 | --November 3, 1980- | --November 8, 1981- |
| Nicaragua | --- | --August 6, 2001 - | --September 6, 2001- |
| Norway | ---- | --August 13, 1993- | --September 13, 1993- |
| Oman | ---- | ---October 22, 2009 | ---November 22, 2009 |
| Panama | ---- | --April 23, 1999October 22, 2012 | --May 23, 1999November 22, 2012 |
| Paraguay | ---- | --January 8, 1997- | --February 8, 1997- |
| Peru | ---- | ---July 8, 2011 | ---August 8, 2011 |
| Poland | ---- | --October 11, 1989July 15, 2003 | --November 11, 1989August 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[[3]](#footnote-4)1 | ---- | ---May 12, 2009 | --January 1, 1993June 12, 2009 |
| Slovenia | ---- | ---June 29, 1999 | ---July 29, 1999 |
| South Africa | --October 23, 1978March 19, 1991 | October 7, 1977October 7, 1977July 21, 1981- | November 6, 1977November 6, 1977November 8, 1981- |
| Spain | ---March 19, 1991 | April 18, 1980April 18, 1980-June 18, 2007 | May 18, 1980May 18, 1980-July 18, 2007 |
| Sweden | -January 11, 1973December 6, 1978December 17, 1991 | November 17, 1971January 11, 1973December 1, 1982December 18, 1997 | December 17, 1971February 11, 1977January 1, 1983April 24, 1998 |
| Switzerland | November 30, 1962November 10, 1972October 23, 1978March 19, 1991 | June 10, 1977June 10, 1977June 17, 1981August 1, 2008 | July 10, 1977July 10, 1977November 8, 1981September 1, 2008 |
| The former Yugoslav Republic of Macedonia | --- | ---April 4, 2011 | ---May 4, 2011 |
| 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, 1995December 19, 2006 | --November 3, 1995January 19, 2007 |
| United Kingdom | November 26, 1962November 10, 1972October 23, 1978March 19, 1991 | September 17, 1965July 1, 1980August 24, 1983December 3, 1998 | August 10, 1968July 31, 1980September 24, 1983January 3, 1999 |
| United Republic of Tanzania |  | ---October 22, 2015 | ---November 22, 2015 |
| United States of America | --October 23, 1978October 25, 1991 | --November 12, 1980January 22, 1999 | --November 8, 1981February 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: 74 members

[Annex II follows]

C/51/2

ANNEX II

LIST OF MISSIONS[[4]](#footnote-5)\* IN 2016

| **Mission** | **Location (city)** | **Location (country)** | **Month** | **Staff** |
| --- | --- | --- | --- | --- |
| Wageningen University International Food Law Master (WIPO headquarters) | Geneva | Switzerland | January | Huerta |
| Legal Consultation with the Department of Agriculture | Putrajaya | Malaysia | January | Button, Huerta |
| Meetings with the MAFF of Japan | Tokyo | Japan | January | Button, Koide |
| AOHE General Assembly | Paris | France | January | Rivoire |
| Meeting of the All-Party Parliamentary Group on Science and Technology in Agriculture on the subject of “IP and Innovation in Agriculture” | London | United Kingdom | January | Button |
| Twenty-ninth session of the WIPO IGC | Geneva | Switzerland | February | Koide |
| TAIEX Workshop on plant variety protection – Benefit for science, technology transfer, production and consumers | Belgrade | Serbia | February | Button |
| Meeting of the Council for TRIPS (WTO headquarters) | Geneva | Switzerland | March | Huerta |
| Sixteenth AFSTA Annual Congress | Nairobi | Kenya | March | Rivoire |
| KEPHIS Training Workshop on plant variety protection |  |  |  |  |
| WIPO-WTO Advanced Course on Intellectual Property for Government Officials | Geneva | Switzerland | March | Huerta, Taveira |
| Meeting with the Sierra Leone Seed Certification Agency (SLeSCA) and stakeholders in the seed sector | Freetown | Sierra Leone | March | Rivoire |
| UPOV lecture at Institut Polytechnique LaSalle | Beauvais | France | April | Rivoire |
| WIPO International Conference on Intellectual Property and Development | Geneva | Switzerland | April | Huerta |
| 2016 Annual Congress of EIPIN | Alicante | Spain | April | Huerta |
| CPVO Administrative Council meeting | Angers | France | April | Button |
| CIOPORA Annual General Meeting | Lisbon | Portugal | April | Button |
| Training Course on Plant Variety Protection | Musanze | Rwanda | May | Rivoire |
| Workshop on innovative solutions to boost sustainable food production | Livingstone | Zambia | May | Button |
| WFO General Assembly |  |  |  |  |
| “OAPI Programme Master II en Propriété Intellectuelle” | Yaoundé | Cameroon | May | Rivoire |
| Train-the-Trainer Course on Plant Variety Protection under the UPOV Convention, organized by UPOV, in cooperation with USPTO and WIPO | Geneva | Switzerland | May | Button, Huerta, Koide, Rivoire, Taveira |
| ISF World Seed Congress | Punta del Este | Uruguay | May | Button |
| Meeting of the World Seed Project Steering Committee |  |  |  |  |
| International Seminar on Plant Variety Protection under the UPOV Convention | Lima | Peru | May | Taveira |
| Training Course on Plant Variety Protection under the UPOV Convention and Technology Transfer | Cuzco | Peru | May | Taveira |
| Symposium “Finding the Balance - Exploring solutions in the debate surrounding patents and plant breeders’ rights” | Brussels | Belgium | May | Button |
| KOICA/KSVS Training Course on Plant Variety Protection and DUS Testing | Seongnam City | Republic of Korea | May | Rivoire |
| Event for the celebration of the International Day for Biological Diversity “I have a seed”, UN Office in Geneva  | Geneva | Switzerland | May | Huerta |
| WIPO Study Visit of Intellectual Property Focal Persons of the African Regional Economic Communities and Executive Bodies of the African Union | Geneva | Switzerland | May | Huerta |
| Meetings with the State Commission of the Russian Federation For Selection Achievements Test and Protection and program in Saint Petersburg to visit the Institute of Plant Genetic Resources (VIR)  | Moscow and Saint Petersburg | Russian Federation | May | Button, Huerta |
| Working Group on Biochemical and Molecular Techniques and DNA-Profiling in Particular (BMT/15) and Preparatory Workshop |  |  |  | Button, Huerta, Koide, Taveira |
| Presentation of UPOV during a study visit of a delegation of the Islamic Republic of Iran | Paris | France | May | Rivoire |
| Thirtieth session of the WIPO IGC | Geneva | Switzerland | May-June | Huerta |
| Technical Working Party on Automation and Computer Programs (TWC/34) and Preparatory Workshop  | Shanghai | China | June | Koide, Taveira |
| Meeting of the Council for TRIPS (WTO headquarters) | Geneva | Switzerland | June | Huerta |
| OECD Annual Meeting and Joint OECD/UPOV/ISTA/AOSA Workshop on Biochemical and Molecular Methods | Paris | France | June | Button |
| 8th Session of the Intergovernmental Technical Working Group on Plant Genetic Resources for Food and Agriculture of the CGRFA | Rome | Italy | June | Huerta |
| Workshop on Essentially Derived Varieties | Shanghai | China | June | Button |
| Technical Working Party for Ornamental Plants and Forest Trees (TWO/49) and Preparatory Workshop | Gimcheon City | Republic of Korea | June | Taveira, Besse |
| Meeting with officials from the Seed Management Bureau, Ministry of Agriculture and from the State Forestry Administration | Beijing | China | June | Button |
| Meeting with MAFF officials | Tokyo | Japan | June | Koide |
| Eighteenth International Course on Plant Variety Protection (Naktuinbouw) | Wageningen | Netherlands | June | Rivoire |
| Expert Review Meeting for the Finalization of the Draft Regulations of the Arusha Protocol | Harare | Zimbabwe | June | Huerta |
| JICA training course on “Plant Variety Protection and Quality Control System of Seeds and Seedlings to Facilitate Distribution of High Quality Seeds”  | Tsukuba | Japan | June | Koide |
| Thirty-First Congress of ISTA | Tallinn | Estonia | June | Button |
| WIPO-WTO Colloquium for Teachers of Intellectual Property | Geneva | Switzerland | June | Huerta, Rivoire, Taveira |
| First Meeting of the CPVO Working Group for the revision of the Variety Denominations Explanatory Notes and Guidelines | Paris | France | June | Button |
| Technical Working Party for Vegetables (TWV/50) and Preparatory Workshop  | Brno | Czech Republic | June | Button, Rivoire, Oertel |
| Legal consultation on the Law of Myanmar on Plant Variety Protection and the 1991 Act of the UPOV Convention | Geneva | Switzerland | June | Huerta |
| WIPO-UNIGE Summer School on Intellectual Property | Geneva | Switzerland | July | Huerta, Taveira |
| Meeting of the World Seed Project Steering Committee at FAO headquarters to present the World Seed Partnership | Rome | Italy | July | Button |
| Experience-sharing roundtable on feasibility of China’s accession to UPOV ‘91 | Brussels | Belgium | July | Button |
| Technical Working Party for Agricultural Crops (TWA/45) and Preparatory Workshop  | Mexico City | Mexico | July | Taveira, Sanchez-Vizcaino |
| USPTO Program on “Plant-Related Intellectual Property and Related International Developments”  | Washington D.C. | United States of America | July | Button |
| UPOV speaker at Master of IP Law, Queensland University of Technology | Brisbane | Australia | July | Waterhouse |
| High-Level Study Tour on Plant Variety Protection | Tokyo and Yamagata Prefecture | Japan | July | Button, Koide |
| Workshop with students of the JICA Training Course | Tsukuba |  |  | Button |
| Meeting with MAFF officials | Tokyo |  |  | Button |
| Training Course for DUS Test of Corn | Vung Tau | Viet Nam | August | Koide |
| Meeting on “Plant Variety Protection under the 1991 Act of the UPOV Convention: Views from APEC Economies about Challenges and Opportunities, including for Developing Economies and SMEs”  | Lima | Peru | August | Button |
| Preparatory and Planning Session for the Fourth Partners’ Meeting of the Platform for the Co-Development and Transfer of Technologies, FAO Liaison Office | Geneva | Switzerland | August | Koide |
| Study visit to WIPO headquarters of journalists from Chile and Peru | Geneva | Switzerland | August | Huerta, Taveira |
| Ninth East Asia Plant Variety Protection Forum Meeting | Hanoi | Viet Nam | September | Button, Huerta, Koide |
| Seminar on the Enforcement of Plant Breeders’ Rights under the UPOV Convention |  |  |  |  |
| Thirty-first session of the WIPO IGC | Geneva | Switzerland | September | Koide |
| Information and Awareness Seminar on the Plant Variety Protection System | Abidjan | Côte d'Ivoire | September | Rivoire |
| Global Consultations on Famers’ Rights, organized by ITPGRFA | Nusa Dua, Bali | Indonesia | September | Huerta |
| 25th session of FAO Committee on Agriculture | Rome | Italy | September | Button |
| Meeting with officials from the Institut Togolais de la Recherche Agricole (ITRA) and the Ministry of Agriculture of Togo | Lomé | Togo | September | Rivoire |
| CPVO Administrative Council | Angers | France | October | Button |
| Second Meeting of the CPVO Working Group for the revision of the Variety Denominations Explanatory Notes and Guidelines |  |  |  |  |
| Master of Laws (LL.M.) in Intellectual Property (WIPO/University of Turin/ITC-ILO) | Geneva | Switzerland | October | Huerta, Taveira |
| Meeting of Heads of Intellectual Property Offices for Caribbean countries | Geneva | Switzerland | October | Huerta, Taveira |
| ESA Annual Meeting | Rome | Italy | October | Rivoire |
| Seed Security for Food Security Forum and visit to DuPont Pioneer premises | Des Moines | United States of America | October | Button |
| Lecture at Institut Polytechnique LaSalle | Beauvais | France | October | Rivoire |
| TAIEX Workshop on importance and value of plant breeders' rights for farmers and growers | Belgrade | Serbia | October | Taveira |
| Fourth meeting of the Platform for the Co-Development and Transfer of Technologies, organized by ITPGRFA | Vienna | Austria | October | Koide |
| Meeting of the Council for TRIPS (WTO headquarters) | Geneva | Switzerland | November | Huerta |
| APSA Standing Committee on Intellectual Property Rights & Biodiversity (Asian Seed Congress 2016) | Incheon | Republic of Korea | November | Koide |
| III Plant Variety Rights Intensive Module on Plant Variety Protection, Master of Intellectual Property (Magister Lvcentinvs) of the University of Alicante  | Alicante | Spain | November | Huerta |
| Technical Working Party for Fruit Crops (TWF/47) and Preparatory Workshop  | Angers | France | November | Rivoire, Oertel |
| Second World Grain Forum | Sochi | Moscow | November | Huerta |
| Train-the-Trainer Course on Plant Variety Protection under the UPOV Convention (in French) | Geneva | Switzerland | November | Button, Huerta, Koide, Rivoire, Taveira |
| Thirty-second session of the WIPO IGC | Geneva | Switzerland | November-December | Koide |
| Seminar on Awareness Raising on the UPOV System of Plant Variety Protection | Nay Pyi Taw | Myanmar | December | Huerta, Koide |
| United States Department of Agriculture Plant Variety Protection Board meeting | Chicago | United States of America | December | Button |
| Fifty-Sixth Session of the Administrative Council of OAPI | Nouakchott | Mauritania | December | Rivoire |
| Meeting with the Director General of the Ministry of Agriculture of Thailand | Bangkok | Thailand | December | Huerta |
| 20th Annual Meeting between the CPVO and its Examination Offices | Angers | France | December | Taveira |
| Meeting with MAFF officials | Tokyo | Japan | December | Koide |
| UPOV-WIPO-USPTO-AECID Workshop on the benefits of the 1991 Act of the UPOV Convention for policies related to agriculture and food security | Montevideo | Uruguay | December | Taveira |

[Annex III follows]

C/51/2

ANNEX III

RESULTS AND PERFORMANCE INDICATORS FOR 2016

Table of contents

INTRODUCTION 4

Sub-program UV.1:  Overall Policy on Plant Variety Protection 5

Objectives: 5

Expected results 5

Results Achieved: Selected Performance Indicators 5

1.  Organization of Council and Consultative Committee sessions 5

(a)  Participation in the sessions of the Council and the Consultative Committee 5

2.  Organize and monitor the work of UPOV committees 5

(a) Approve and monitor the work programs of the CAJ, TC, TWPs and ad hoc working groups 5

(b) Elect Chairs of the CAJ, TC, TWPs and ad hoc working groups and Vice-Chairs of the CAJ and TC 5

(c) Approve the annual calendars of meetings 5

3.  Coordination, monitoring and performance assessment of Program and Budget for the 2016-2017 Biennium 6

(a) Delivery of program within budget for the 2016-2017 Biennium 6

(b) Approve the financial statements 6

(c) Approve the financial management report 6

4. Preparation and adoption of the Program and Budget for the 2018‑2019 Biennium 6

(a) Preparation and adoption of the Program and Budget for the 2018-2019 Biennium in accordance with the “Financial Regulations and Rules of UPOV” 6

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

(a) Recommendations by the Consultative Committee 6

(b) Decisions by the Council 6

6. Review of developments concerning applications and grants of plant breeders’ rights 6

(a) Number of applications for plant breeders’ rights 6

(b) Number of titles granted 6

(c) Number of titles in force 6

(d) Number of genera/species protected by members of the Union 6

(e) Number of genera/species for which varieties have been protected 6

(f) Analysis by crop type 7

7. Policy on facilitating applications through the development of an electronic application system and enhancing cooperation in the examination of varieties 7

(a) Recommendations by the Consultative Committee 7

(b) Decisions by the Council 7

(c) Cooperation between members of the Union in the examination of varieties 7

8. Monitoring of measures to provide training and assistance in the introduction and implementation of the UPOV system 8

(a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information 8

(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 8

(c) Measures to provide training and assistance in the introduction and implementation of the UPOV system 8

9. Monitoring the implementation of the communication strategy 8

(a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information 8

(b) Recommendations by the Consultative Committee on the communication strategy 8

10. Policy direction on inter-relations with other organizations 8

(a) Recommendations by the Consultative Committee 8

(b) Decisions by the Council 8

11. Policy on other matters 8

(a) Recommendations by the Consultative Committee 8

(b) Decisions by the Council 9

(c) Adoption of information and position papers by the Council 9

Sub-program UV.2:  Services to the Union for enhancing the Effectiveness of the UPOV System 10

Objectives: 10

Expected results 10

Results Achieved: Selected Performance Indicators 10

1.  Participation by members of the Union and observers in the work of the UPOV bodies 10

Participation in the Administrative and Legal Committee 10

Participation in the Technical Committee 10

Participation in Technical Working Party Sessions 10

Participation in Preparatory Workshops for the Technical Working Party Sessions 10

2.  Guidance on the UPOV Convention and its implementation and information on its application 11

UPOV Collection: visits to the UPOV website in 2016 11

(a)  Adoption of new or revised information materials concerning the UPOV Convention 11

(b) Publication of the UPOV Gazette and Newsletter 11

(c) Inclusion of laws and relevant notifications of members of the Union in UPOV Lex 11

UPOV Lex database: visits to the UPOV Website in 2016 11

(d) Availability of UPOV documents and materials in languages other than the UPOV languages (English, French, German and Spanish) 11

3.  Guidance on the examination of varieties 12

(a)  Adoption of new or revised TGP documents and information materials 12

(b) Adoption of new or revised Test Guidelines 12

Test Guidelines: visits to the UPOV Website in 2016 12

(c) Number of PBR applications covered by adopted Test Guidelines 12

(d) Number of Test Guidelines under development in the Technical Working Parties 12

(e) Participation in the development of Test Guidelines 13

(f) Development of web-based Test Guidelines Template (TG Template) with facility for: 13

1.  Translation in UPOV languages 13

2.  Use by members of the Union in the preparation of individual authorities’ test guidelines 13

4. Cooperation in DUS examination 14

GENIE database: visits to the UPOV Website in 2016 14

(a)  Plant genera and species for which members of the Union have practical experience 14

(b)  Plant genera and species for which members of the Union cooperate in DUS examination, as indicated in GENIE database 14

5. Cooperation in examination of variety denominations 15

PLUTO database: visits to the UPOV Website in 2016 15

(a) Quantity and quality of data in PLUTO database 15

1. Number of contributors 15

2. Number of new submissions 15

3. Number of records 15

4. Number of mandatory items provided 15

5. Number of non-mandatory items provided 15

6. Annual edition of CD-ROM version 15

(b) Development and approval by the Council of a UPOV similarity search tool for variety denominations and inclusion in PLUTO database 15

6.  Facilitating applications for plant breeders’ rights 16

(a)  Development and approval by the Council of an electronic application system for selected species and languages, enabling breeders to provide information for PBR applications for participating members of the Union, via the UPOV website 16

(b)  Allocation of crop type(s) for UPOV codes and modification of the GENIE and PLUTO databases to enable statistics to be provided by crop type (agriculture, fruit, ornamentals, vegetables and forest trees) 16

Sub-Program UV.3:  Assistance in the Introduction and Implementation of the UPOV System 17

Objectives: 17

Expected results 17

Results Achieved: Selected Performance Indicators 17

1. Raising awareness of the role of plant variety protection in accordance with the UPOV Convention 17

(a) States and organizations provided with information at UPOV activities 17

(b) States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection 17

(c) States and organizations that initiated with the Council of UPOV the procedure for becoming members of the Union 17

(d) Participation in UPOV awareness-raising activities, or activities involving UPOV staff or UPOV trainers on behalf of UPOV staff 18

2.  Assistance in drafting legislation on plant variety protection in accordance with the 1991 Act of the UPOV Convention 19

(a) Meetings with government officials to discuss legislative matters 19

(b) States and organizations provided with comments on laws 19

(c) States and organizations which received a positive advice from the Council of UPOV 19

3.  Assistance to States and organizations in the accession to the 1991 Act of the UPOV Convention 19

(a) States that acceded to or ratified the 1991 Act of the UPOV Convention 19

(b) States and organizations that became members of the Union 19

4.  Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention 19

(a) Participation in distance learning courses 19

(b) Training of trainers 22

(c) Training activities developed in conjunction with UPOV 22

(d) Participation by observer States and organizations in the CAJ, TC, TWPs and the associated preparatory workshops 23

Participation in the Technical Committee 23

Participation in Technical Working Party Sessions 23

Participation in Preparatory Workshops for the Technical Working Party Sessions 23

(e) Participation in UPOV activities 23

(f) Participation in activities involving UPOV staff or UPOV trainers on behalf of UPOV staff 23

(g) Academic courses featuring the UPOV system of plant variety protection 24

(h) Implementation of projects with partner organizations and donors 24

Sub-Program UV.4:  External Relations 25

Objectives: 25

Expected results 25

Results Achieved: Selected Performance Indicators 25

1.  Broaden public understanding of UPOV’s role and activities 25

(a) Availability of suitable information and materials for the general public, on UPOV website and through other media 25

(b) Visits to general public features on UPOV website 25

Website Overview – Global Coverage 25

2. Enhance understanding of UPOV’s role and activities for stakeholders 26

(a) Availability of suitable information and materials for breeders, seed producers / plant propagators, farmers, processors/wholesalers/retailers and policy-makers, on UPOV website and through other media 26

(b) Articles in relevant publications to which UPOV has contributed 26

(c) Stakeholder-focused features on the UPOV website 26

(d) Participation by stakeholders in seminars and symposia 26

(e) Participation at meetings of, and with, relevant stakeholders 27

3.  Enhance understanding of UPOV’s role and activities with other organizations 27

(a) Participation at meetings of, and with, relevant organizations 27

(b) Contributions made to relevant organizations 28

### INTRODUCTION

1. This report summarizes achievements during 2016. The report is structured to follow the 2016‑2017 Program and Budget (document C/49/4 Rev.), as adopted by the Council at its forty‑ninth ordinary session, held in Geneva on October 29, 2015.

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.

### 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.

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

|  |  |
| --- | --- |
| Expected results | Results Achieved: Selected Performance Indicators |
| 1.  Organization of Council and Consultative Committee sessions | (a)  Participation in the sessions of the Council and the Consultative Committee*Council**Thirty-third extraordinary session:* 75 participants representing 35 members of the Union, 1 observer State and 5 observer organizations*Fiftieth ordinary session:*90 participants representing 43 members of the Union, 3 observer States and 4 observer organizations*Consultative Committee**Ninety-first session:*89 participants representing 42 members of the Union*Ninety-second session:*89 participants representing 46 members of the Union |

|  |  |
| --- | --- |
| 2.  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- See documents C/50/9 and C/51/9 “Progress report of the work of the Administrative and Legal Committee”- See documents C/50/10 and C/51/10 “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”(b) Elect Chairs of the CAJ, TC, TWPs and ad hoc working groups and Vice-Chairs of the CAJ and TCThe Council elected, in each case for a term of three years ending with the fifty-third ordinary session of the Council, in 2019:- Mr. Raimundo Lavignolle (Argentina), President of the Council- Mr. Marien Valstar (Netherlands), Vice-President of the Council- Mr. Anthony Parker (Canada), Chair of the Administrative and Legal Committee- Mr. Patrick Ngwediagi (United Republic of Tanzania), Vice-Chair of the Administrative and Legal Committee- Mr. Kees van Ettekoven (Netherlands), Chair of the Technical Committee- Mr. Nik Hulse (Australia), Vice-Chair of the Technical Committee(c) Approve the annual calendars of meetingsSee document C/49/8 Rev.2 “Revised calendar of meetings in 2016” |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| 3.  Coordination, monitoring and performance assessment of Program and Budget for the 2016-2017 Biennium | (a) Delivery of program within budget for the 2016-2017 BienniumResults not available until 2018(b) Approve the financial statementsSee document C/51/12 “Financial statements for 2016”(c) Approve the financial management reportResults not available until 2018 |

|  |  |
| --- | --- |
| 4. Preparation and adoption of the Program and Budget for the 2018‑2019 Biennium | (a) Preparation and adoption of the Program and Budget for the 2018-2019 Biennium in accordance with the “Financial Regulations and Rules of UPOV”See document C/51/4 “Draft Program and Budget for the 2018-2019 Biennium” |

|  |  |
| --- | --- |
| 5. Examination of the conformity of laws, or draft laws, with the 1991 Act of the UPOV Convention | (a) Recommendations by the Consultative Committee(b) Decisions by the CouncilThere was no examination of laws or draft laws in 2016. |

|  |  |
| --- | --- |
| 6. Review of developments concerning applications and grants of plant breeders’ rights | (a) Number of applications for plant breeders’ rights 15,017 applications made with members of the Union in 2015 (15,511 in 2014; 14,788 in 2013) (see document C/50/7) |
|  | (b) Number of titles granted12,409 titles granted by members of the Union in 2015 (11,566 in 2014; 10,052 in 2013)(see document C/50/7) |
|  | (c) Number of titles in force107,232 titles in force with members of the Union in 2015 (106,575 in 2014; 103,261 in 2013) (see document C/50/7) |
|  | (d) Number of genera/species protected by members of the Union At the end of 2016, a total of 61 members of the Union offered protection for all plant genera and species (61 in 2015; 58 in 2014) and 13 members of the Union offered protection for a limited number of plant genera and species (13 in 2015; 14 in 2014) (see document C/50/6).The following members of the Union notified the extension of protection to additional plant genera and species in 2016: Brazil, China, Morocco, South Africa and Turkey |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| *6. Review of developments concerning applications and grants of plant breeders’ rights* (continued) | (e) Number of genera/species for which varieties have been protectedNumber of plant genera and species with PBR entries in the Plant Variety Database (PLUTO): 3,661(3,562 in August 2015; 3,454 in August 2014) |
|  | (f) Analysis by crop typeData from PLUTO database:*Applications filed by crop type:*

|  |  |
| --- | --- |
|  | Crop type |
| Year | Agriculture | Forest trees | Fruit | Ornamental | Vegetables |
| 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% |

*Titles issued by crop type:*

|  |  |
| --- | --- |
|  | Crop type |
| Year | Agriculture | Forest trees | Fruit | Ornamental | Vegetables |
| 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% |

 |

|  |  |
| --- | --- |
| 7. Policy on facilitating applications through the development of an electronic application system and enhancing cooperation in the examination of varieties | (a) Recommendations by the Consultative CommitteeThe Consultative Committee, at its ninety-second session, held in Geneva on October 27, 2016, and on the morning of October 28, 2016:* agreed the draft mandate and terms of reference for a Working Group on a Possible International System of Cooperation (WG-ISC).

(b) Decisions by the CouncilOn the basis of recommendations by the Consultative Committee, the Council, at its fiftieth ordinary session, held in Geneva on October 28, 2016:* approved the launch of the Electronic Application Form (EAF) in January 2017 for rose, soya bean, lettuce, apple fruit varieties and potato.

(c) Cooperation between members of the Union in the examination of varietiesSee Sub-Program UV.2, performance indicators “4. Cooperation in DUS examination” and “5.  Cooperation in examination of variety denominations” |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| 8. Monitoring of measures to provide training and assistance in the introduction and implementation of the UPOV system | (a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information- Document C/51/2 “Annual Report of the Secretary-General for 2016” (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- Document C/51/2 “Annual Report of the Secretary-General for 2016” (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- Document CC/92/7 “Training and assistance strategy” |

|  |  |
| --- | --- |
| 9. Monitoring the implementation of the communication strategy | (a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information- Document CC/92/6 “Communication strategy”(b) Recommendations by the Consultative Committee on the communication strategy On the basis of recommendations by the Consultative Committee, the Council, at its fiftieth ordinary session, held in Geneva on October 28, 2016:* adopted an FAQ concerning information on the situation in UPOV with regard to the use of molecular techniques for a wider audience (“FAQ on molecular techniques”), including the public in general;
* agreed that the new UPOV logo be introduced on the UPOV website, in conjunction with the introduction of the stakeholder-focused features on the UPOV website and the launch of the UPOV YouTube Channel, on November 8, 2016.
 |

|  |  |
| --- | --- |
| 10. Policy direction on inter-relations with other organizations | (a) Recommendations by the Consultative Committee (b) Decisions by the CouncilOn the basis of recommendations by the Consultative Committee, the Council, at its thirty‑third extraordinary session, held in Geneva on March 17, 2016:approved the organization of a “Symposium on possible interrelations between the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and the International Convention for the Protection of New Varieties of Plants (UPOV Convention)”, to be held at UPOV Headquarters in Geneva, on October 26, 2016. |

|  |  |
| --- | --- |
| 11. Policy on other matters | (a) Recommendations by the Consultative CommitteeThe Consultative Committee, at its ninety-second session, held in Geneva on October 27, 2016, and on the morning of October 28, 2016:* in response to the recommendation of the IOD Evaluation Report, approved the proposal of the Office of the Union to prepare a draft Strategic Business Plan to be presented to the Consultative Committee in October/November 2017;
* agreed to consider, at its ninety-third session, whether to organize a single set of sessions from 2018, subject to comments from the TC;
* agreed to include the following item for the program of its ninety-third session: “Possible use of the Russian language in UPOV”.
 |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| *11. Policy on other matters* (continued) | (b) Decisions by the CouncilOn the basis of recommendations by the Consultative Committee, the Council, at its thirty‑third extraordinary session, held in Geneva on March 17, 2016:* decided to establish a separate UPOV bank account to hold funds allocated for financing UPOV’s After-Service Health Insurance (ASHI) liability, and that the amount represented by the provisions for ASHI obligations at the end of the 2014 2015 biennium, together with the balance from the 6 per cent charge after deduction of the respective biennium’s payments, if any, be transferred to that account starting from the 2016-2017 biennium and to apply to that account the investment policy that WIPO applied to the account for financing WIPO’s ASHI liability.
 |

|  |  |
| --- | --- |
|  | (c) Adoption of information and position papers by the CouncilThe adoption of information materials by the Council is reported in Sub-Program UV.2. |

### 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.

|  |  |
| --- | --- |
| 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.
 |

|  |  |
| --- | --- |
| Expected results | Results Achieved: Selected Performance Indicators |
| 1.  Participation by members of the Union and observers in the work of the UPOV bodies | Participation in the Administrative and Legal CommitteeCAJ/73: 91 participants representing 44 members of the Union and 7 observer organizations |
|  | Participation in the Technical CommitteeTC/52: 82 participants representing 40 members of the Union, 2 observer States and6 observer organizations |

|  |  |
| --- | --- |
|  | Participation in Technical Working Party Sessions449 experts representing 46 members of the Union (members), 2 observer States (obs) and 9 observer organizations (orgs) participated in the Technical Working Parties as follows:TWA (Mexico):  19 members (64 participants) / 0 obs (0) / 3 org (4)TWC (China):  10 members (34 participants) / 0 obs (0) / 0 org (0)TWF (European Union):  23 members (45 participants) / 0 obs (0) / 1 org (4)TWO (Republic of Korea):  14 members (52 participants) / 0 obs (0) / 1 org (1)TWV (Czech Republic):  15 members (37 participants) / 0 obs (0) / 3 org (8)BMT (Russian Federation): 15 members (107 participants) / 0 obs (0) / 7 org (10) |

|  |  |
| --- | --- |
|  | Participation in Preparatory Workshops for the Technical Working Party Sessions150 experts representing 30 members of the Union (members), 0 observer States (obs) and 3 observer organizations (orgs) participated in the Preparatory Workshops as follows:TWA: 9 members (21 participants) / 0 obs (0) / 1 org (1)TWC: 5 members (8 participants) / 0 obs (0) / 0 org (0)TWF: 16 members (21 participants) / 0 obs (0) / 0 org (0)TWO: 11 members (28 participants) / 0 obs (0) / 1 org (1)TWV: 8 members (19 participants) / 0 obs (0) / 0 org (0)BMT: 12 members (48 participants) / 0 obs (0) / 2 org (3) |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| 2.  Guidance on the UPOV Convention and its implementation and information on its application | UPOV Collection: visits to the UPOV website[[5]](#endnote-2) in 2016Pageviews: 9,525 (9,044 in 2015; 9,153 in 2014)Unique pageviews: 6,091 (5,653 in 2015; 6,064 in 2014) |

|  |  |  |
| --- | --- | --- |
| Language | Pageviews | Unique pageviews |
| English  | 6,701  | 4,456 |
| Spanish  | 1,907 | 1,054 |
| French  | 574 | 352 |
| German  | 335 | 222 |

 |
|  | (a)  Adoption of new or revised information materials concerning the UPOV ConventionInformation materials concerning the UPOV Convention adopted by the Council in 2016:UPOV/INF/16/6 Exchangeable Software (Revision)UPOV/INF/22/3 Software and equipment used by members of the Union (Revision)UPOV/INF-EXN/9 List of INF-EXN Documents and Latest Issue Dates (Revision)(b) Publication of the UPOV Gazette and NewsletterThere was no issue of the UPOV Gazette and Newsletter in 2016.(c) Inclusion of laws and relevant notifications of members of the Union in UPOV Lex* Belarus, Kenya, France (English translation), Montenegro, Panama, Peru, Republic of Korea, United Republic of Tanzania
 |

|  |  |
| --- | --- |
|  | UPOV Lex database: visits to the UPOV Website in 2016 |
| Pageviews: 85,374 (80,460 in 2015; 88,305 in 2014)Unique pageviews: 60,294 (55,991 in 2015; 60,439 in 2014) |

|  |  |  |
| --- | --- | --- |
| Language | Pageviews | Unique pageviews |
| English  | 56,865 | 40,056 |
| Spanish  | 19,295 | 13,357 |
| French  | 6,435 | 4,600 |
| German  | 2,730 | 2,255 |

 |

|  |  |
| --- | --- |
|  | (d) Availability of UPOV documents and materials in languages other than the UPOV languages (English, French, German and Spanish)The 1991 Act of the UPOV Convention and document UPOV/INF/6 “Guidance for the Preparation of Laws Based on the 1991 Act of the UPOV Convention” were translated into Khmer and published on the UPOV website.  |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| 3.  Guidance on the examination of varieties | (a)  Adoption of new or revised TGP documents and information materialsTGP/7/5 Development of Test Guidelines (Revision)TGP/8/3 Trial Design and Techniques Used in the Examination of Distinctness, Uniformity and Stability (Revision)TGP/0/9 List of TGP Documents and Latest Issue Dates (Revision)  |
|  | (b) Adoption of new or revised Test Guidelines16 Test Guidelines adopted by the TC, comprising: – 5 new Test Guidelines: TWF (2), TWO (3)– 2 revised Test Guidelines: TWO (1), TWV (1)– 9 partially revised Test Guidelines: TWV (9)Total number of adopted Test Guidelines at the end of 2016: 316 |
|  | Test Guidelines: visits to the UPOV Website in 2016 |
|  | Pageviews: 61,966 (64,425 in 2015; 67,900 in 2014)Unique pageviews: 38,054 (38,144 in 2015; 40,102 in 2014) |

|  |  |  |
| --- | --- | --- |
| Language | Pageviews | Uniquepageviews |
| English  | 49,189 | 30,220 |
| Spanish  | 8,220 | 4,977 |
| French  | 2,886 | 1,850 |
| German  | 1,639 | 987 |

 |
|  | (c) Number of PBR applications covered by adopted Test GuidelinesIn 2016, the adopted Test Guidelines covered 93% of all PBR-related entries in the Plant Variety Database (262,422 of 281,634) (in 2015, 92%: 246,890 of 267,550) |
|  | (d) Number of Test Guidelines under development in the Technical Working Parties46 draft Test Guidelines advanced by the Technical Working Parties, comprising– 22 new Test Guidelines: TWA (5.5), TWF (5), TWO (8), TWV (3.5)– 24 revisions: TWA (7), TWF (6), TWO (5), TWV (6)– 4 partial revisions: TWO (2), TWV (2) |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *3. Guidance on the examination of varieties* (continued) | (e) Participation in the development of Test Guidelines *Test Guidelines adopted in 2016:*– 5 new Test Guidelines: TWF (2), TWO (3) drafted by Leading Experts from:Africa: ZA (1)Americas: BR (1), MX (1)Asia/Pacific: JP (1), NZ (1)– 2 revised Test Guidelines: TWO (1); TWV (1)Europe: DE (2)– 9 partially revised Test Guidelines: TWV (9)Europe: DE (1), NL (7), QZ (1)*Test Guidelines under development in 2016:*22 new Test Guidelines: TWA (5.5), TWF (5), TWO (8), TWV (3.5)drafted by Leading Experts from:Africa: KE (0.5), MA (1), ZA (2)Americas: AR (1), BR (1.5), MX (2)Asia/Pacific: AU (1), JP (5), NZ (1)Europe: DK (1), FR (1), GB (2), PL (1), QZ (1)Near/Middle East: OM (1)– 24 revisions: TWA (7), TWF (6), TWO (5), TWV (6)Africa: ZA (2)Americas: AR (1), MX (1)Asia/Pacific: AU (2), CN (1), JP (1)Europe: DE (2), ES (2), FR (4), GB (1), IT (1), NL (5), QZ (1)– 4 partial revisions: TWO (2), TWV (2) Asia/Pacific: AU (1)Europe: FR (1), QZ (2)Total of 20 members of the Union involved in drafting Test Guidelines (AR, AU, BR, CN, DE, DK, ES, FR, GB, IT, JP, KE, MA, MX, NL, NZ, OM, PL, QZ, ZA). |

|  |  |
| --- | --- |
|  | (f) Development of web-based Test Guidelines Template (TG Template) with facility for:1.  Translation in UPOV languagesNo developments in 20162.  Use by members of the Union in the preparation of individual authorities’ test guidelinesNo developments in 2016.The web-based TG Template was used for the preparation of draft Test Guidelines for the TWPs at their sessions in 2016 and 2017. |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| 4. Cooperation in DUS examination | GENIE database: visits to the UPOV Website in 2016 |
|  |

|  |  |  |
| --- | --- | --- |
|  | *2016* | *2015* |
| Sessions  | 16,930 | 15,727 |
| Users  | 9,528 | 8,744 |
| Pageviews  | 76,990 | 67,175 |
| New Visitors  | 46.6% | 46.7% |
| Returning Visitors  | 53.4% | 53.3% |

 |

|  |  |  |
| --- | --- | --- |
| Language | Pageviews | Unique pageviews |
| English  | 54,683 | 29,527 |
| Spanish  | 10,759 | 6,249 |
| French  | 4,485 | 2,921 |
| German  | 3,601 | 2,440 |

 |
|  | Top 10 countries visiting the GENIE database in 2016

|  |  |  |  |
| --- | --- | --- | --- |
| Country / Territory  | Sessions | % New Sessions | New Users |
| Switzerland  | 1,421  | 36,24% | 515 |
| France  | 1,172  | 51,19% | 600 |
| United States of America | 1,062  | 73,35% | 779 |
| Germany  | 1,007  | 72,49% | 730 |
| Spain  | 838  | 59,90% | 502 |
| Japan  | 758  | 30,87% | 234 |
| India  | 656  | 77,29% | 507 |
| Mexico  | 629  | 55,96% | 352 |
| Australia  | 613  | 24,80% | 152 |
| Turkey | 458 | 60,04% | 275 |

 |

|  |  |
| --- | --- |
|  | (a)  Plant genera and species for which members of the Union have practical experiencePractical experience in examination of DUS reported for approximately 3,462 genera or species in 2016 (3,382 in 2015; 3,305 in 2014 - see document TC/52/4(b)  Plant genera and species for which members of the Union cooperate in DUS examination, as indicated in GENIE databaseIn 2015, the number of plant genera and species for which there were agreements between members of the Union for cooperation in the examination of distinctness, uniformity and stability totaled 2,031 (2,002 in 2014). |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| 5. Cooperation in examination of variety denominations | PLUTO database: visits to the UPOV Website in 2016 |
|

|  |  |  |
| --- | --- | --- |
|  | *2016* | *2015* |
| Sessions  | 58,673 | 53,270 |
| Users  | 16,145 | 14,007 |
| Pageviews:  | 90,630 | 80,382 |
| New Visitors  | 25.5% | 24.3% |
| Returning Visitors  | 74.5% | 75.7% |

 |

|  |  |  |
| --- | --- | --- |
| Language | Pageviews  | Unique pageviews |
| English  | 78,912 | 55,695 |
| Spanish  | 6,162 | 3,750 |
| French  | 4,103 | 2,904 |
| German  | 1,451 | 1,008 |

 |
|  | Top 10 countries visiting the PLUTO database in 2016

|  |  |  |  |
| --- | --- | --- | --- |
| Country / Territory  | Sessions | % New Sessions | New Users |
| United States of America | 8,277 | 21.70% | 1,796 |
| France  | 4,923 | 22.22% | 1,094 |
| Netherlands  | 4,523 | 17.44% | 789 |
| Brazil  | 3,517 | 22.80% | 802 |
| Australia  | 3,269 | 12.76% | 417 |
| Ukraine  | 3,079 | 13.22% | 407 |
| Japan  | 2,695 | 20.48% | 552 |
| Switzerland | 2,588 | 24.81% | 642 |
| Germany  | 2,155 | 28.40% | 612 |
| New Zealand | 1,702 | 10.11% | 172 |

 |

|  |  |
| --- | --- |
|  | (a) Quantity and quality of data in PLUTO database1. Number of contributors- Number of contributors included in the PLUTO database at the end of 2016:60 (58 in 2015)- Number of members of the Union that contributed data in 2016:48 (45 in 2015)2. Number of new submissions - Number of submissions of new data in 2016: 255 (211 in 2015)- Number of members of the Union that contributed data for the first time in 2016:2 (0 in 2015)3. Number of records- Total number of records included in the PLUTO database at the end of 2016:765,070 (723,783 at the end of 2015)4. Number of mandatory items provided- not yet available5. Number of non-mandatory items provided- not yet available6. Annual edition of CD-ROM version- not producedDevelopments in relation to the Plant Variety Database (PLUTO database):- No developments to report. |

|  |  |
| --- | --- |
|  | (b) Development and approval by the Council of a UPOV similarity search tool for variety denominations and inclusion in PLUTO databaseUnder discussion in the Working Group on Variety Denominations (WG-DEN) |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| 6.  Facilitating applications for plant breeders’ rights | (a)  Development and approval by the Council of an electronic application system for selected species and languages, enabling breeders to provide information for PBR applications for participating members of the Union, via the UPOV websiteSee Sub-Program UV.1, performance indicator 7 “Policy on facilitating applications through the development of an electronic application system and enhancing cooperation in the examination of varieties”, section (b) |

|  |  |
| --- | --- |
|  | (b)  Allocation of crop type(s) for UPOV codes and modification of the GENIE and PLUTO databases to enable statistics to be provided by crop type (agriculture, fruit, ornamentals, vegetables and forest trees)See Sub-Program UV.1, performance indicator 6 “Review of developments concerning applications and grants of plant breeders’ rights”, section (e) |

### 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.

|  |  |
| --- | --- |
| 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 1991 Act of the UPOV Convention.
 |

| Expected results | Results Achieved: Selected Performance Indicators |
| --- | --- |
| 1. Raising awareness of the role of plant variety protection in accordance with the UPOV Convention | (a) States and organizations provided with information at UPOV activitiesAntigua and Barbuda, Australia, Bangladesh, Barbados, Bhutan, Brunei Darussalam, Cambodia, Canada, Chile, China, Costa Rica, Côte d'Ivoire, France, Ghana, Grenada, Guatemala, Hong Kong (Special Administrative Region of China), India, Indonesia, Iran, Jamaica, Japan, Kenya, Kyrgyzstan, Lao People’s Democratic Republic, Malaysia, Mexico, Myanmar, Netherlands, Peru, Philippines, Republic of Korea, Republic of Moldova, Rwanda, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Serbia, Sierra Leone, Sri Lanka, Sudan, Thailand, Timor-Leste, Togo, Trinidad and Tobago, Tunisia, United Republic of Tanzania, United States of America, Viet Nam, Zambia (50 States, 0 organization)See also *(d)* below |

|  |  |
| --- | --- |
|  | (b) States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protectionMembers of the Union: Azerbaijan, Chile, Dominican Republic, New Zealand, Switzerland and Trinidad and TobagoNon-members of the Union: ARIPO, Barbados, Iran (Islamic Republic of), Jamaica, Liechtenstein, Malaysia and Myanmar(c) States and organizations that initiated with the Council of UPOV the procedure for becoming members of the UnionNone |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *1. Raising awareness of the role of plant variety protection in accordance with the UPOV Convention* (continued) | (d) Participation in UPOV awareness-raising activities, or activities involving UPOV staff or UPOV trainers on behalf of UPOV staff(1) Activities organized by, or with, UPOV:1. International Seminar on Plant Variety Protection under the UPOV Convention, Lima, Peru (May 2016)
2. Training Course on Plant Variety Protection under the UPOV Convention and Technology Transfer, Lima, Peru (May 2016)
3. High-Level Study Tour on Plant Variety Protection, Tokyo and Yamagata Prefecture, Japan (July 2016)
4. Symposium on possible interrelations between the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and the International Convention for the Protection of New Varieties of Plants (UPOV Convention), Geneva, Switzerland (October 2016)
5. Seminar on Awareness Raising on the UPOV System of Plant Variety Protection, Nay Pyi Taw, Myanmar (December 2016)
6. Meeting with the Director General of the Ministry of Agriculture of Thailand, Bangkok, Thailand (December 2016)

(2) Activities/meetings in which UPOV participated:1. Wageningen University International Food Law Master, WIPO headquarters, Geneva, Switzerland (January 2016)
2. Meeting of the All-Party Parliamentary Group on Science and Technology in Agriculture on the subject of “IP and Innovation in Agriculture”, London, United Kingdom (January 2016)
3. TAIEX Workshop on plant variety protection – Benefit for science, technology transfer, production and consumers, Belgrade, Serbia (February 2016)
4. Meeting with the Sierra Leone Seed Certification Agency (SLeSCA) and stakeholders in the seed sector in Sierra Leone, Free Town, Sierra Leone (March 2016)
5. Training Course on Plant Variety Protection, Musanze, Rwanda (May 2016)
6. KOICA/KSVS Training Course on Plant Variety Protection and DUS Testing, Seongnam City, Republic of Korea (May 2016)
7. Presentation of UPOV during a study visit of a delegation of the Islamic Republic of Iran, Paris, France (May 2016)
8. Eighteenth International Course on Plant Variety Protection (Naktuinbouw), Wageningen, Netherlands (June 2016)
9. JICA training course on “Plant Variety Protection and Quality Control System of Seeds and Seedlings to Facilitate Distribution of High Quality Seeds”, Tsukuba, Japan (June 2016)
10. USPTO Program on “Plant-Related Intellectual Property and Related International Developments”, Washington D.C., United States of America (July 2016)
11. Workshop with students of the JICA Training Course, Tsukuba, Japan (July 2016)
12. Meeting on “Plant Variety Protection under the 1991 Act of the UPOV Convention: Views from APEC Economies about Challenges and Opportunities, including for Developing Economies and SMEs”, Lima, Peru (August 2016)
13. Study visit to WIPO headquarters of journalists from Chile and Peru, Geneva, Switzerland (August 2016)
14. Ninth East Asia Plant Variety Protection Forum Meeting, Hanoi, Viet Nam (September 2016)
15. Information and Awareness Seminar on the Plant Variety Protection System, Abidjan, Côte d’Ivoire (September 2016)
16. Meeting with officials from the Institut Togolais de la Recherche Agricole (ITRA) and the Ministry of Agriculture of Togo, Lomé, Togo (September 2016)
17. Meeting of Heads of Intellectual Property Offices for Caribbean countries, Geneva, Switzerland (October 2016)
18. Seed Security for Food Security Forum and visit to DuPont Pioneer premises, Des Moines, United States of America (October)
 |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| 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 mattersMembers of the Union: Chile, Dominican Republic, New Zealand and Trinidad and TobagoNon-members of the Union: ARIPO, Barbados, Jamaica, Liechtenstein, Malaysia and Myanmar, (b) States and organizations provided with comments on lawsMembers of the Union: Chile and SwitzerlandNon-members of the Union: Barbados, Jamaica, Malaysia and Myanmar(c) States and organizations which received a positive advice from the Council of UPOVNone |

|  |  |
| --- | --- |
| 3.  Assistance to States and organizations in the accession to the 1991 Act of the UPOV Convention | (a) States that acceded to or ratified the 1991 Act of the UPOV ConventionKenya(b) States and organizations that became members of the UnionNone |

|  |  |
| --- | --- |
| 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 2016)

Argentina, ARIPO, Australia, Austria, Bangladesh, Barbados, Belarus, Belgium, Benin, Bhutan, Bolivia (Plurinational State of), Brazil, Burkina Faso, Cameroon, Canada, Central African Republic, Chile, China, Colombia, Costa Rica, Croatia, Cuba, Czech Republic, Denmark, Ecuador, Egypt, Egypt, El Salvador, European Union, France, Gabon, Gambia, Germany, Ghana, Guatemala, Guinea, Guyana, Hungary, India, Indonesia, Iran, Italy, Ivory Coast, Jamaica, Japan, Jordan, Kenya, Lebanon, Madagascar, Malawi, Malaysia, Mali, Mauritania, Mexico, Myanmar, Netherlands, New Zealand, Nicaragua, Norway, OAPI, Pakistan, Panama, Paraguay, People's Republic of China, Peru, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Rwanda, Senegal, Serbia, Slovakia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Trinidad and Tobago, Tunisia, Turkey, Ukraine, United Kingdom, United States of America, Uzbekistan, Viet Nam, Zambia and Zimbabwe

Total number of participants in main sessions of the DL-205 Course
by category (2 sessions in 2016)

|  |  |
| --- | --- |
| Category | Number of students |
| Category 1: Government officials of members of the Union nominated by the relevant representative to the UPOV CouncilNo fee | 241 |
| Category 2: Officials of observer States / intergovernmental organizations nominated by the relevant representative to the UPOV Council One non-fee paying student per State / intergovernmental organization; Additional students: CHF1,000 per student | 39 |
| Category 3: OthersFee: CHF1,000 | 7 |
| Category 4: Discretionary waiving of fee for selected students | 4 |
| Total: | 291 |

Total number of participants in main sessions of the DL-205 Course
by language (in 2016)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | English | French | German | Spanish | Total |
| Total by language | 153 | 22 | 7 | 109 | 291 |

Special sessions of DL-205 (in 2016)

|  |  |  |  |
| --- | --- | --- | --- |
| Month/Year | Name of Course | Language | Number of participants |
| May 2016 | Train the Trainer Course on Plant Variety Protection under the UPOV Convention, Geneva | EN | 11 |
| May 2016 | OAPI Masters IP Training Course | FR | 6 |
| June 16 | La Salle Beauvais University - IP Plant Breeding Master Programme | EN, ES, FR | 35 |
| June 2016 | KOICA Training Course on Plant Variety Protection (Republic of Korea) | EN | 4 |
| June 2015 | Naktuinbouw International Course on Plant Variety Protection Course (Netherlands) | EN | 8 |
| June 2016 | JICA Training Course on “Internationally Harmonized Plant Variety Protection System” (Japan) | EN | 11 |
| September 2016 | Train the Trainer Course on Plant Variety Protection under the UPOV Convention, Geneva (French) | FR | 9 |
| December 2016 | Train the Trainer Course on Plant Variety Protection under the UPOV Convention, Geneva (Spanish) | ES | 3 |
|  |  | TOTAL | 134 |

Total number of participants in the DL-305 Course
(2 sessions in 2016)

|  |  |
| --- | --- |
| Category | Number of students |
| Category 1: Government officials of members of the Union nominated by the relevant representative to the UPOV CouncilNo fee | 121 |
| Category 2: Officials of observer States / intergovernmental organizations nominated by the relevant representative to the UPOV Council One non-fee paying student per State / intergovernmental organization; Additional students: CHF1,000 per student | 12 |
| Category 3: OthersFee: CHF1,000 | 2 |
| Category 4: Discretionary waiving of fee for selected students | 35\* |
| Total: | 170 |

\**Including post-training participants as part of the UPOV Training and assistance strategy*

Total number of participants in the DL-305 Course
by language (in 2016)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | English | French | German | Spanish | Total |
| Total by language | 83 | 18 | 1 | 68 | 170 |

Total number of participants in the DL-305A Course
(2 sessions in 2016)

|  |  |
| --- | --- |
| Category | Number of students |
| Category 1: Government officials of members of the Union nominated by the relevant representative to the UPOV CouncilNo fee | 80 |
| Category 2: Officials of observer States / intergovernmental organizations nominated by the relevant representative to the UPOV Council One non-fee paying student per State / intergovernmental organization; Additional students: CHF1,000 per student | 12 |
| Category 3: OthersFee: CHF1,000 | 0 |
| Category 4: Discretionary waiving of fee for selected students | 2\* |
| Total: | 94 |

\**Including post-training participants as part of the UPOV Training and assistance strategy*

Total number of participants in the DL-305A Course
by language (in 2016)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | English | French | German | Spanish | Total |
| Total by language | 62 | 8 | 0 | 24 | 94 |

Total number of participants in the DL-305B Course
(2 sessions in 2016)

|  |  |
| --- | --- |
| Category | Number of students |
| Category 1: Government officials of members of the Union nominated by the relevant representative to the UPOV CouncilNo fee | 84 |
| Category 2: Officials of observer States / intergovernmental organizations nominated by the relevant representative to the UPOV Council One non-fee paying student per State / intergovernmental organization; Additional students: CHF1,000 per student | 3 |
| Category 3: OthersFee: CHF1,000 | 1 |
| Category 4: Discretionary waiving of fee for selected students | 4\* |
| Total: | 92 |

\**Including post-training participants as part of the UPOV Training and assistance strategy*

Total number of participants in the DL-305B Course
by language (in 2016)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | English | French | German | Spanish | Total |
| Total by language | 77 | 1 | 1 | 13 | 92 |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *4.  Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention* (continued) | (b) Training of trainers1. Train-the-Trainer Course on Plant Variety Protection under the UPOV Convention, Geneva, Switzerland (May 2016)
2. Train-the-Trainer Course on Plant Variety Protection under the UPOV Convention (in French), Geneva, Switzerland (November 2016)

(c) Training activities developed in conjunction with UPOV1. KEPHIS Training Workshop on plant variety protection, Nairobi, Kenya (March 2016)
2. International Seminar on Plant Variety Protection under the UPOV Convention, Lima, Peru (May 2016)
3. Training Course on Plant Variety Protection under the UPOV Convention and Technology Transfer, Cuzco, Peru (May 2016)
4. Workshop on Essentially Derived Varieties, Shanghai, China (June 2016)
5. Seminar on the Enforcement of Plant Breeders’ Rights under the UPOV Convention, Hanoi, Viet Nam (September 2016)
6. UPOV-WIPO-USPTO-AECID Workshop on the benefits of the 1991 Act of the UPOV Convention for policies related to agriculture and food security, Montevideo, Uruguay (December 2016)
 |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *4.  Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention* (continued) | (d) Participation by observer States and organizations in the CAJ, TC, TWPs and the associated preparatory workshopsParticipation in the Administrative and Legal CommitteeCAJ/73: 7 observer organizations (ARIPO, APBREBES, CIOPORA, CropLife International, ECVC, ESA, ISF)Participation in the Technical CommitteeTC/52: 2 observer States (Saudi Arabia, Thailand)6 observer organizations (CIOPORA, CropLife International, ESA, ISF, ISTA, OECD)Participation in Technical Working Party SessionsTWA/45: 3 observer organizations (CropLife International, ESA, ISF)TWC/34: 0 observer State/organizationTWF/47: 1 observer organization (CIOPORA)TWO/49: 1 observer organization (CIOPORA)TWV/50: 3 observer organizations (CropLife International, ESA, ISF)BMT/15: 7 observer organizations (CIOPORA, CropLife International, ESA, German Plant Breeders’ Association (BDP), ISF, ISTA, SAA)Participation in Preparatory Workshops for the Technical Working Party SessionsTWA/45/Prep: 1 observer organization (ISF)TWC/34/Prep: 0 observer State/organizationTWF/47/Prep: 0 observer State/organizationTWO/49/Prep: 1 observer organization (CIOPORA)TWV/50/Prep: 0 observer State/organizationBMT/15/Prep: 2 observer organizations (CIOPORA, SAA) |
| *4.  Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention* (continued) | (e) Participation in UPOV activities1. Seminar on propagating and harvested material in the context of the UPOV Convention, Geneva, Switzerland (October 2016)

(f) Participation in activities involving UPOV staff or UPOV trainers on behalf of UPOV staff1. Expert Review Meeting for the Finalization of the Draft Regulations of the Arusha Protocol, Harare, Zimbabwe (June 2016)
2. Meeting with officials from the Seed Management Bureau, Ministry of Agriculture and from the State Forestry Administration, Beijing, China (June 2016)
3. Experience-sharing roundtable on feasibility of China’s accession to UPOV’ 91, Brussels, Belgium (July 2016)
4. Training Course for DUS Test of Corn, Vung Tau, Viet Nam (August 2016)
5. TAIEX Workshop on importance and value of plant breeders' rights for farmers and growers, Belgrade, Serbia (October 2016)
 |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *4.  Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention* (continued) | (g) Academic courses featuring the UPOV system of plant variety protection1. WIPO-WTO Advanced Course on Intellectual Property for Government Officials, Geneva, Switzerland (March 2016)
2. UPOV lecture at Institut Polytechnique LaSalle, Beauvais, France (April 2016)
3. OAPI Programme Master II en Propriété Intellectuelle, Yaoundé, Cameroon (May 2016)
4. WIPO-WTO Colloquium for Teachers of Intellectual Property, Geneva, Switzerland (June 2016)
5. WIPO-UNIGE Summer School on Intellectual Property, Geneva, Switzerland (July 2016)
6. Master of IP Law, Queensland University of Technology, Brisbane, Australia (July 2016)
7. Master of Laws (LL.M.) in Intellectual Property (WIPO/University of Turin/ITC-ILO), Geneva, Switzerland (October 2016)
8. UPOV lecture at Institut Polytechnique LaSalle, Beauvais, France (October 2016)
9. III Plant Variety Rights Intensive Module on Plant Variety Protection, Master of Intellectual Property (Magister Lvcentinvs) of the University of Alicante, Alicante, Spain (November 2016)

(h) Implementation of projects with partner organizations and donors World Seed Project: 8 electronic meetings, 2 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.

|  |  |
| --- | --- |
| 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.
 |

| Expected results | Results Achieved: Selected Performance Indicators |
| --- | --- |
| 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* FAQ concerning information on the situation in UPOV with regard to the use of molecular techniques for a wider audience, including the public in general:

“Does UPOV allow molecular techniques (DNA profiles) in the examination of Distinctness, Uniformity and Stability (‘DUS’)?”* Introduction of the stakeholder features on the UPOV website (see Sub-Program UV.4, performance indicator 2 “Enhance understanding of UPOV’s role and activities for stakeholders”, section (c))
* Launch of the UPOV YouTube Channel, on November 8, 2016
* Video on PVP in Ecuador
* Video on PVP in Uruguay
* 4 press releases

 |
|  | (b) Visits to general public features on UPOV website |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *2016 compared to 2015 (%)* | *2016* | *2015* | *2014* | *2013* | *2012* |
| *Number of Sessions:*  | +4.70% | 200,539 | 191,534 | 187,125 | 178,732 | 151,914 |
| *Unique Users:* | +2.94% | 88,906 | 86,366 | 86,291 | 84,336 | 71,506 |
| *Number of pageviews:* | +6.06% | 1,153,307 | 1,087,382 | 1,127,786 | 1,129,052 | 1,139,570 |
| *Number of pages/visit:* | +1.23% | 5.75 | 5.68 | 6.03 | 6.32 | 7.50 |
| *Average visit duration:* | -0.63% | 00:05:13 | 00:05:15 | 00:06:00 | 00:06:35 | 00:07:19 |
| *Percentage of new visits:* | -1.18% | 42.70% | 43.21% | 44.19% | 54.6% | 45.05% |

|  |  |
| --- | --- |
| Website Overview – Global Coverage | *Sessions by country:* 1. Switzerland (8.27%) 2. United States of America (7.79%) 3. France (6.28%) 4. Mexico (4.30%) 5. Netherlands (4.29%) 6. Japan (4.13%) 7. Germany (3.80%) 8. Spain (3.74%) 9. India (3.44%) 10. Russian Federation (3.10%)  |

| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| --- | --- |
| *1.  Broaden public understanding of UPOV’s role and activities* (continued) | *(b) Visits to general public features on UPOV website* (continued) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Language of visitor’s browser | 2016 | 2015 | 2014 | 2013 | 2012 |
| Visits | % | Visits | % | Visits | % | Visits | % | Visits | % |
| 1. en-us
 | 60,689 | 42.11 | 66,347 | 39.58 | 72,248 | 38.61 | 70,706 | 39.56 | 57,341 | 37.75 |
| 1. es
 | 18,164 | 58.21 | 17,765 | 59.03 | 18,154 | 9.70 | 18,669 | 10.45 | 19,001 | 12.51 |
| 1. fr
 | 10,121 | 47.85 | 11,413 | 52.99 | 11,862 | 6.34 | 13,876 | 7.76 | 14,212 | 9.36 |
| 1. en-gb
 | 8,639 | 45.87 | 6,743 | 3.52 | 4,508 | 2.41 | 3,028 | 1.69 | 2,371 | 1.56 |
| 1. ru
 | 7,292 | 19.83 | 6,608 | 3.45 | 6,824 | 3.65 | 6,596 | 3.69 | 3,630 | 2.39 |
| 1. es-es
 | 7,273 | 49.06 | 7,972 | 4.16 | 9,180 | 4.91 | 9,234 | 5.17 | 5,698 | 3.75 |
| 1. ja-jp
 | 6,915 | 24.09 | 5,277 | 2.76 | 5,729 | 3.06 | 6,444 | 3.61 | 7,562 | 4.98 |
| 1. nl-nl
 | 6,148 | 19.10 | 4,981 | 2.60 | 2,837 | 1.52 | 4,347 | 2.43 | 4,152 | 2.73 |
| 1. es-419
 | 5,605 | 57.38 |  |  |  |  |  |  |  |  |
| 1. fr-fr
 | 5,502 | 42.31 |  |  |  |  |  |  |  |  |

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

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| 2. Enhance understanding of UPOV’s role and activities for stakeholders | (a) Availability of suitable information and materials for breeders, seed producers / plant propagators, farmers, processors/wholesalers/retailers and policy-makers, on UPOV website and through other mediaSee Sub-Program UV.4, performance indicator “1. Broaden public understanding of UPOV’s role and activities”, section (a) |

|  |  |
| --- | --- |
|  | (b) Articles in relevant publications to which UPOV has contributedNo specific information to report. |

|  |  |
| --- | --- |
|  | (c) Stakeholder-focused features on the UPOV websiteRedesigned UPOV website with the following stakeholder features:* Breeders
* Farmers
* Policy-makers
* General public
 |

|  |  |
| --- | --- |
|  | (d) Participation by stakeholders in seminars and symposia* Seminar on Propagating and Harvested Material in the Context of the UPOV Convention, October 24, 2016(101 participants)
* Symposium on Possible Interrelations between the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and the International Convention for the Protection of New Varieties of Plants (UPOV Convention), October 26, 2016(119 participants)
 |

|  |  |
| --- | --- |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *2. Enhance understanding of UPOV’s role and activities for stakeholders* (continued) | (e) Participation at meetings of, and with, relevant stakeholders1. General Assembly of AOHE (Association of European Horticultural Breeders), Paris, France (January 2016)
2. Sixteenth AFSTA Annual Congress, Nairobi, Kenya (March 2016)
3. CPVO Administrative Council meeting, Angers, France (April 2016)
4. CIOPORA Annual General Meeting, Lisbon, Portugal (April 2016)
5. Workshop on innovative solutions to boost sustainable food production and WFO General Assembly, Livingstone, Zambia (May 2016)
6. ISF World Seed Congress, Punta del Este, Uruguay (May 2016)
7. Symposium “Finding the Balance - Exploring solutions in the debate surrounding patents and plant breeders’ rights”, Brussels, Belgium (May 2016)
8. First Meeting of the CPVO Working Group for the revision of the Variety Denominations Explanatory Notes and Guidelines, Paris, France (June 2016)
9. CPVO Administrative Council, Angers, France (October 2016)
10. Second Meeting of the CPVO Working Group for the revision of the Variety Denominations Explanatory Notes and Guidelines, Angers, France (October 2016)
11. ESA Annual Meeting, Rome, Italy (October 2016)
12. Seed Security for Food Security Forum and visit to DuPont Pioneer premises, Des Moines, United States of America (October 2016)
13. APSA Standing Committee on Intellectual Property Rights & Biodiversity (Asian Seed Congress 2016), Incheon, Republic of Korea (November 2016)
14. United States Department of Agriculture Plant Variety Protection Board meeting, Chicago, United States of America (December 2016)
15. Fifty-Sixth Session of the Administrative Council of OAPI, Nouakchott, Mauritania (December 2016)
16. 20th Annual Meeting between the CPVO and its Examination Offices, Angers, France (December 2016)
 |

|  |  |
| --- | --- |
| 3.  Enhance understanding of UPOV’s role and activities with other organizations | (a) Participation at meetings of, and with, relevant organizationsIntergovernmental organizations:1. Twenty-ninth session of the WIPO IGC, Geneva, Switzerland (February 2016)
2. Meeting of the Council for TRIPS (WTO headquarters), Geneva, Switzerland (March 2016)
3. WIPO International Conference on Intellectual Property and Development, Geneva, Switzerland (April 2016)
4. Event for the celebration of the International Day for Biological Diversity “I have a seed”, UN Office in Geneva, Switzerland (May 2016)
5. WIPO Study Visit of Intellectual Property Focal Persons of the African Regional Economic Communities and Executive Bodies of the African Union, Geneva, Switzerland (May 2016)
6. Thirtieth session of the WIPO IGC, Geneva, Switzerland (May-June 2016)
7. Meeting of the Council for TRIPS (WTO headquarters), Geneva, Switzerland (June 2016)
8. OECD Annual Meeting and Joint OECD/UPOV/ISTA/AOSA Workshop on Biochemical and Molecular Methods, Paris, France (June 2016)
9. 8th Session of the Intergovernmental Technical Working Group on Plant Genetic Resources for Food and Agriculture of the CGRFA, Rome, Italy (June 2016)
10. Preparatory and Planning Session for the Fourth Partners’ Meeting of the Platform for the Co-Development and Transfer of Technologies, FAO Liaison Office, Geneva, Switzerland (September 2016)
11. Thirty-first session of the WIPO IGC, Geneva, Switzerland (September 2016)
12. Global Consultations on Famers’ Rights, organized by ITPGRFA, Nusa Dua, Bali, Indonesia (September 2016)
13. 25th session of FAO Committee on Agriculture, Rome, Italy (September 2016)
14. Fourth meeting of the Platform for the Co-Development and Transfer of Technologies, organized by ITPGRFA, Vienna, Austria (October 2016)
15. Meeting of the Council for TRIPS (WTO headquarters), Geneva, Switzerland (November 2016)
16. Thirty-second session of the WIPO IGC, Geneva, Switzerland (November-December 2016)
 |
| **Expected results** | **Results Achieved: Selected Performance Indicators** |
| *3.  Enhance understanding of UPOV’s role and activities with other organizations* (continued) | *(a) Participation at meetings of, and with, relevant organizations* (continued)Other organizations: 1. 2016 Annual Congress of EIPIN, Alicante, Spain (April 2016)
2. Thirty-First Congress of ISTA, Tallinn, Estonia (June 2016)

(b) Contributions made to relevant organizationsReport on UPOV activities to: * Eighth Session of the Intergovernmental Technical Working Group on Plant Genetic Resources for Food and Agriculture of the CGRFA (June 2016)
* Meeting of the Council for TRIPS (WTO) (November 2016)
 |

[Appendix follows]

C/51/2

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 | 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 |
| WG-DEN | Working Group on Variety Denominations |
| WG-ISC | Working Group on a Possible International System of Cooperation |

Acronyms

|  |  |
| --- | --- |
| AECID | Spanish Agency for Cooperation and Economic Development |
| AFSTA | African Seed Trade Association |
| AOHE | Association of European Horticultural Breeders |
| AOSA | Association of Official Seed Analyst |
| APBREBES | Association for Plant Breeding for the Benefit of Society |
| APEC | Asia Pacific Economic Cooperation |
| APSA | Asia and Pacific Seed Association |
| ARIPO | African Regional Intellectual Property Organization |
| CARICOM | Caribbean Community |
| 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 |
| CIP | International Potato Center |
| CPVO | Community Plant Variety Office of the European Union |
| EAPVP Forum | East Asia Plant Variety Protection Forum |
| EIPIN | European Intellectual Property Institutes Network |
| ESA | European Seed Association |
| FAO | Food and Agriculture Organization of the United Nations |
| ITC-ILO | International Training Centre of the International Labour Organization |
| ISF | International Seed Federation |
| ISTA | International Seed Testing Association |
| ITPGRFA | International Treaty on Plant Genetic Resources for Food and Agriculture |
| ITRA | Institut Togolais de la Recherche Agricole |
| 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 |
| OAPI | African Intellectual Property Organization |
| OECD | Organisation for Economic Co-Operation and Development |
| OEVV | Spanish Plant Variety Office |
| TAIEX | Technical Assistance and Information Exchange Instrument (TAIEX) of the European Union |
| TRIPS | Trade Related Aspects of Intellectual Property Rights |
| TWN | Third World Network |
| UN | United Nations |
| UNIGE | University of Geneva |
| 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 |
| WIPO IOD | WIPO Internal Oversight Division |
| WTO | World Trade Organization |

1. \* Missions relate to events held outside UPOV headquarters. [↑](#footnote-ref-2)
2. Continuation of the accession of Czechoslovakia (instrument deposited on November 4, 1991; State bound on December 4, 1991). [↑](#footnote-ref-3)
3. 1 Continuation of the accession of Czechoslovakia (instrument deposited on November 4, 1991; State bound on December 4, 1991). [↑](#footnote-ref-4)
4. \* Missions relate to events held outside UPOV headquarters. [↑](#footnote-ref-5)
5. 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] [↑](#endnote-ref-2)