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## PERFORMANCE REPORT FOR THE 2018-2019 BIENNIUM

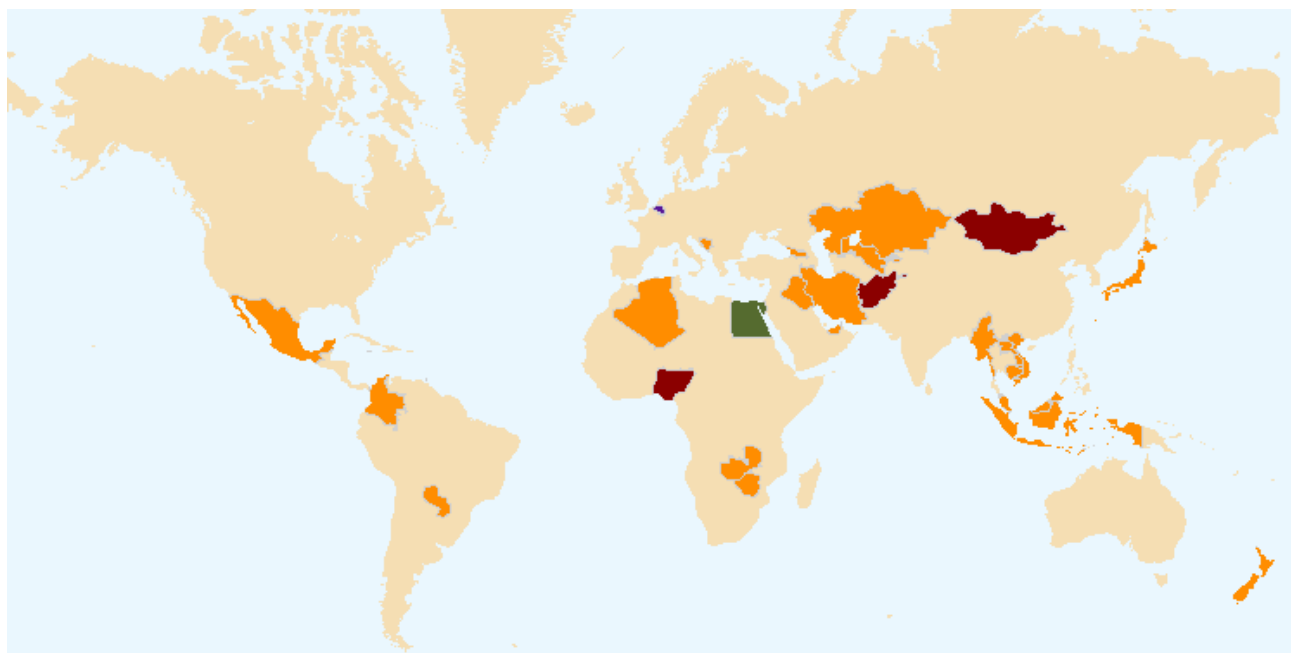
*Document prepared by the Office of the Union*

*Disclaimer: this document does not represent UPOV policies or guidance*

1. This document presents the Performance Report for the 2018-2019 Biennium on the basis of the Program and Budget for the 2018-2019 Biennium adopted by the Council (see document C/51/4 Rev. "Program and Budget for the 2018-2019 Biennium").
2. The performance report for the 2018-2019 Biennium provides information on expenditure, total number of posts for the Office of the Union and results and performance indicators by subprogram on the basis of the program and budget adopted by the Council. This document also provides a view of trends over time.

### EXECUTIVE SUMMARY

3. The following map provides a graphic overview of developments concerning the status in relation to UPOV during the 2018-2019 Biennium.



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory

- States and organizations that became members of the Union during 2018-2019 (Egypt)
- States and organizations that acceded or ratified the 1991 Act of the UPOV Convention during 2018-2019 (Belgium and Egypt)
- States and organizations that initiated with the Council of UPOV the procedure for becoming members of the Union during 2018-2019 (Afghanistan, Mongolia, Nigeria and Saint Vincent and the Grenadines)
- States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection during 2018-2019 (Afghanistan, Algeria, Antigua and Barbuda, Bosnia and Herzegovina, Cambodia, Colombia, Egypt, Georgia, Indonesia, Iran (Islamic Republic of), Iraq, Jamaica, Japan, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Mauritius, Mexico, Mongolia, Myanmar, New Zealand, Nigeria, Paraguay, Saint Vincent and the Grenadines, Trinidad and Tobago, United Arab Emirates, Uzbekistan, Viet Nam, Zambia, Zimbabwe)

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

4. 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.
5. The Council approved the Draft Program and Budget for the 2020-2021 Biennium, including the amount of contributions from members of the Union, the maximum ceiling of expenditure in the regular budget and the total number of posts.
6. The Consultative Committee reviewed the implementation of the Strategic Business Plan to diversify UPOV's revenue portfolio to maintain and enhance the sustainability of existing activities and services, as a part of which the Consultative Committee requested the development of options for the financing of the UPOV PRISMA PBR application tool and requested the development of proposals for database/IT services that UPOV might consider as potential revenue sources. On the basis of recommendations by the Consultative Committee, the Council decided to introduce a UPOV PRISMA fee per application at 90 Swiss Francs, starting in January 2020 and to introduce a "freemium" approach for the PLUTO Plant Variety Database. The freemium approach for PLUTO would provide two options: (i) free option: the PLUTO database with a search function would be free to all users. Search results would be limited to an on-screen display of a single page of results. There would be no facility to download search results or data from the PLUTO database; (ii) premium option: users paying a fee would have access to all PLUTO database features and would be able to download data without restrictions. The fee would be CHF 750 per annum.
7. With regard to interrelations with other organizations, the Council agreed to invite the World Farmers' Organisation (WFO) to become a full partner in the World Seed Partnership (WSP) and approved the draft joint paper "Benefits of the WSP for farmers". The Consultative Committee requested the Office of the Union to consult the Executive Secretary of the CBD and the Secretary of the ITPGRFA on how the objectives of the CBD and ITPGRFA might be reflected in the FAQ on the relationship between the UPOV Convention and other international treaties, and to explore means on how to facilitate the exchanges of experiences and information on the implementation of the UPOV Convention, the CBD and the ITPGRFA. The Council further requested the Office of the Union to cooperate with FAO in relation to the request of the Commission on Genetic Resources for Food and Agriculture (CGRFA) to carry out, in coordination with the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and in consultation with UPOV, in-depth case studies to consider the effects of seed policies, laws and regulations.
8. The decision to approve the organization of a seminar on the concept of essentially derived varieties (EDV) was an important step to clarify the subject and to support discussions in the Administrative and Legal Committee (CAJ).
9. As a part of the Communication Strategy, the Consultative Committee approved the engagement of UPOV in Twitter and LinkedIn and the Council agreed a revised text of the FAQ "What are the benefits of new varieties of plants for society?"
10. As a part of the measures to enable the organization of a single set of sessions, the Council used, for the first time, a procedure by correspondence to take positive decisions on the conformity of the "Plant Variety Protection Bill of Nigeria" and the "Plant Breeders' Protection Bill 2019 of Saint Vincent and the Grenadines" with the 1991 Act of UPOV Convention.

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

11. 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.
12. The introduction of UPOV PRISMA in 2017 was a major development in facilitating applications for plant breeders' rights. By the end of 2019, 35 members of the Union, covering 74 States, were participating in UPOV PRISMA. Use of UPOV PRISMA continued to grow during the Biennium, with 214 applications made for PBR via UPOV PRISMA in 2019, compared to 77 in 2018 and 14 in 2017.
13. The effectiveness of the UPOV system is enhanced by the provision of guidance and information materials. In 2019, the "Seminar on the impact of policy on essentially derived varieties (EDVs) on breeding strategy", led the CAJ to agree to open up the "Explanatory Notes on Essentially Derived Varieties under the 1991 Act of the UPOV Convention" (document UPOV/EXN/EDV/2). The CAJ is also working on the revision of the "Explanatory notes on variety denominations under the UPOV Convention", with a view to increasing harmonization in the examination of variety denominations.
14. Cooperation between members of the Union is a key benefit of UPOV membership. In 2019, the TC discussed technical concerns that can prevent cooperation in DUS examination and agreed to invite the UPOV Office to develop a coherent plan, based on specified proposals, to address the concerns and to propose how to assess the impact of the plan. The TC also agreed to report to the CAJ the related policy or legal issues that can prevent cooperation in DUS examination. The work of the Technical Working Parties (TWPs) and the Technical Committee (TC) on the development and revision of Test Guidelines (TG) continues to be a cornerstone for cooperation between members of the Union in the examination of Distinctness, Uniformity and Stability ("DUS"). At the same time, the harmonization provided by TG and the availability of TG data in the web-based Test Guidelines Template (TG Template) enabled the rapid expansion of UPOV PRISMA to cover all crops and species for those members of the Union that use the UPOV Test Guidelines as the basis for the technical questionnaires in their application forms. In 2019, the adopted Test Guidelines covered 94% of all PBR-related entries in the Plant Variety Database. The UPOV Code System was developed to overcome the problem of synonyms for plant taxa and is

essential for the functioning of UPOV PRISMA and the PLUTO and GENIE databases. However, the TC will now explore a new approach that would enable UPOV Codes to provide additional information on variety groups or types for DUS testing purposes, while continuing to enable the UPOV code system to be based on taxonomic criteria.

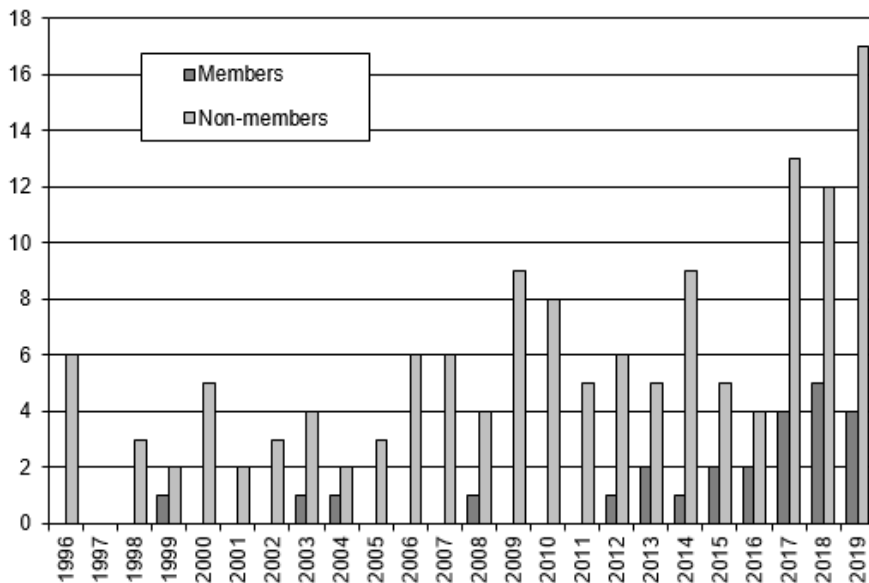
*Assistance in the Introduction and Implementation of the UPOV System (Sub-Program UV.3)*

15. 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 continued to prioritize its activities and to explore synergies in its activities with members of the Union and other partners.

16. 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.

17. The increasing interest in UPOV membership in recent years continued. The number of non-UPOV member States/organizations provided with comments on laws (17) was the highest for more than 20 years (see map below). The number of States/organizations which received positive advice from the Council was also the highest since 2000.

*States/organizations provided with comments on laws*



18. Thirty one States (10 members of the Union and 21 non-members of the Union) contacted the Office of the Union for assistance in the development of legislation on plant variety protection. A total of 22 States (5 members of the Union and 17 non-members of the Union) were provided with comments on their laws or draft laws. Four States initiated with the Council the procedure for becoming members of the Union. The Council provided a positive advice to 6 States on the conformity of their laws or draft laws with the 1991 Act of the UPOV Convention. One member of the Union (Belgium) ratified the 1991 Act of the UPOV Convention. One State (Egypt) became a member of the Union.

19. The Office of the Union organized or participated in 235 missions/events in the 2018 2019 Biennium, at which 141 States and 17 organizations were provided with information about the UPOV system. A total of 1,166 students from 102 States and 4 organizations participated in UPOV's distance learning courses.

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

20. 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.

21. A significant development in 2019 was the introduction of the @UPOVint and @vsgupov Twitter accounts, combined with the use of the UPOV LinkedIn account (including UPOV PRISMA Showcase page). From March 2019 to May 2020,

UPOV posted more than 1,000 tweets and gained more than 1,000 followers on Twitter. During that same period, the combined UPOV Twitter accounts registered more than: 500,000 “impressions”; 10,000 “engagements”; 2,000 “likes” and 1,000 “retweets”. The number of UPOV website visitors (“visits”) and sessions since the launch of UPOV’s social media accounts in March, provides some evidence of a positive impact on outreach of the UPOV website, in addition to the additional direct outreach from social media postings.

22. The publication of a series of videos produced in Canada, China, Colombia, Kenya, Japan and Peru, covering cherry, rose, rice and other crops, provided an important new source of information on the benefits of plant variety protection and UPOV membership. This material also provides important information for use in UPOV’s various outreach activities. As a part of the Communication Strategy, the Council agreed a revised text of the FAQ “What are the benefits of new varieties of plants for society?”

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## 1. INTRODUCTION

23. This document presents the Performance Report for the 2018-2019 Biennium on the basis of the Program and Budget for the 2018-2019 Biennium adopted by the Council at its fifty-first ordinary session, held in Geneva on October 26, 2017 (see document C/51/4 Rev. "Program and Budget for the 2018-2019 Biennium").

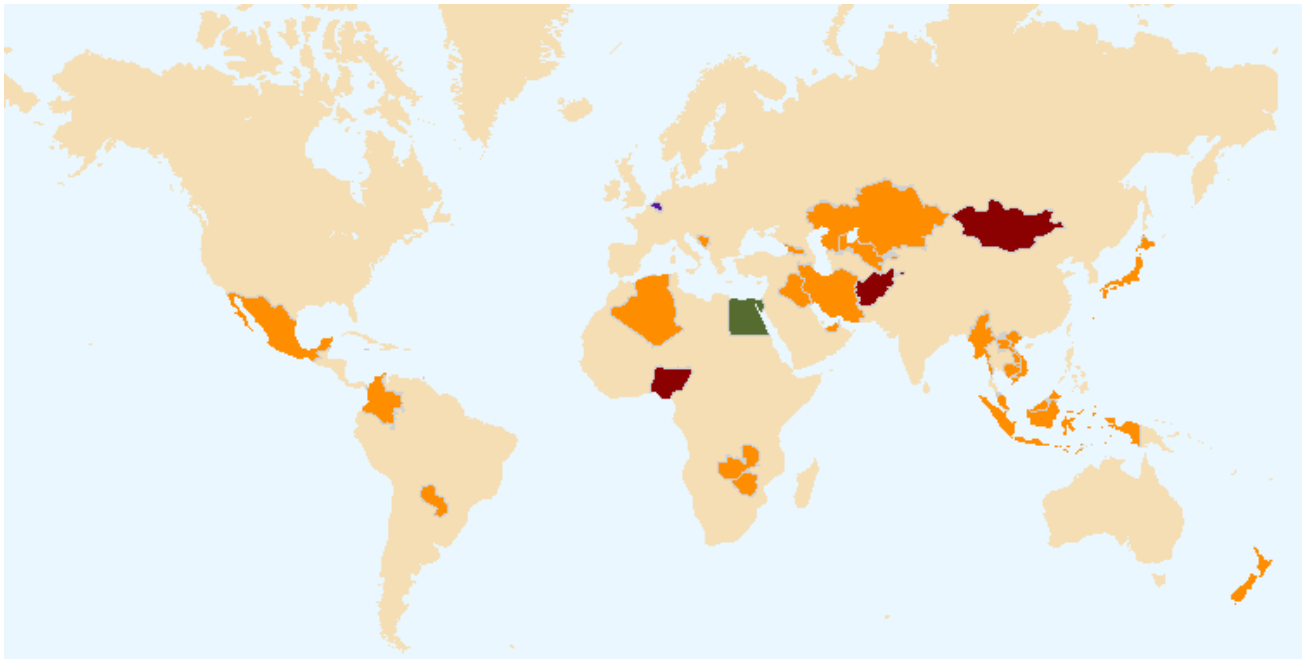
24. The Performance Report for the 2018-2019 Biennium provides an overview of UPOV's performance based on information from the following documents, which contain further detailed information:

- (a) document C/51/4 Rev. "Program and Budget of the Union for the 2018-2019 Biennium";
- (b) document C/53/2 "Annual Report of the Secretary-General for 2018";
- (c) document C/54/2 "Annual Report of the Secretary-General for 2019"; and
- (d) document C/54/4 "Financial Management Report for the 2018-2019 Biennium".





25. Section 2 "Program Performance", provides 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. Section 3 "Financial Performance", provides an overview of the financial performance, in relation to the Program and Budget for the 2018-2019 Biennium.

26. The following map provides a graphic overview of developments concerning the status in relation to UPOV during the 2018-2019 Biennium.

*Figure 1 - Changes of status in relation to UPOV during the 2018-2019 Biennium*

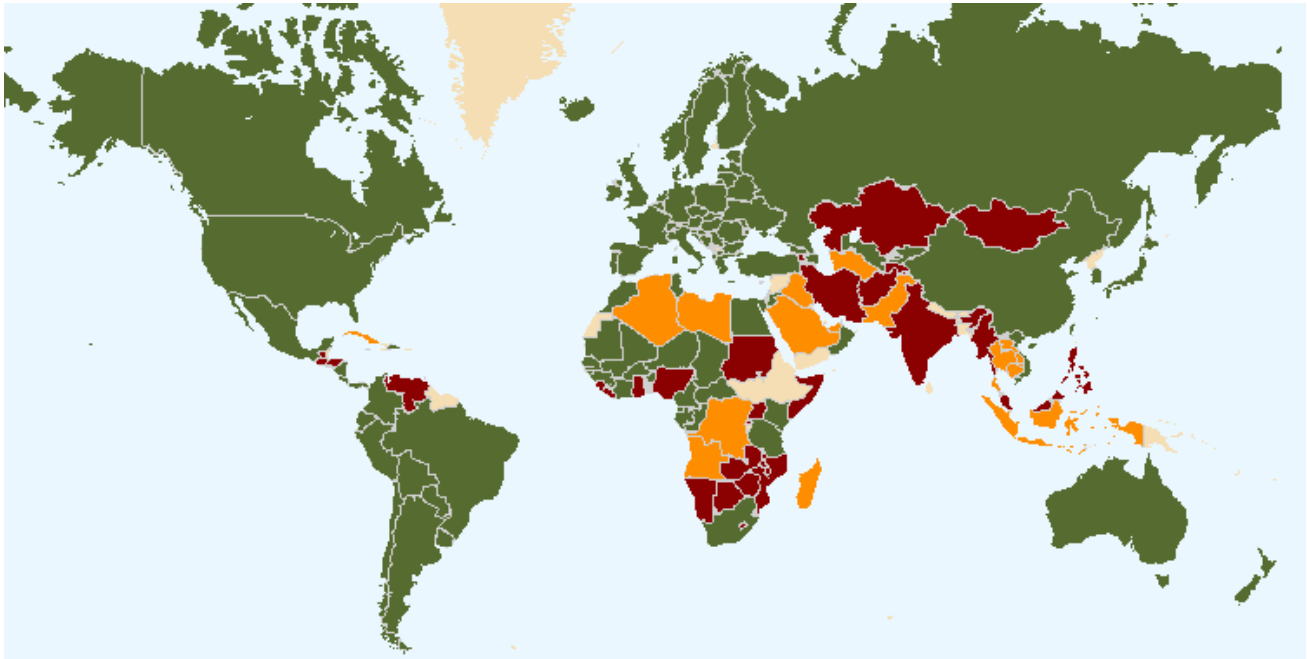


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-  States and organizations that became members of the Union during 2018-2019 (Egypt)
-  States and organizations that acceded or ratified the 1991 Act of the UPOV Convention during 2018-2019 (Belgium and Egypt)
-  States and organizations that initiated with the Council of UPOV the procedure for becoming members of the Union during 2018-2019 (Afghanistan, Mongolia, Nigeria and Saint Vincent and the Grenadines)
-  States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection during 2018-2019  
(Members of the Union: Bosnia and Herzegovina, Colombia, Georgia, Japan, Mexico, New Zealand, Paraguay, Trinidad and Tobago, Uzbekistan and Viet Nam)  
(Non-members of the Union: Afghanistan, Algeria, Antigua and Barbuda, Cambodia, Egypt, Indonesia, Iraq, Iran (Islamic Republic of), Jamaica, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Mauritius, Mongolia, Myanmar, Nigeria, Saint Vincent and the Grenadines, United Arab Emirates, Zambia and Zimbabwe)

27. The following map provides a graphic overview of the status in relation to UPOV at the end of 2019.

Figure 2 - Status in relation to UPOV at the end of the 2019



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory

- 76 members of UPOV covering 95 States at the end of 2019
- 19 States and 1 intergovernmental organization had initiated the procedure for acceding the UPOV Convention at the end of 2019
- 23 States and 1 intergovernmental organization which had been in contact with the Office of the Union for assistance in the development of laws based on the UPOV Convention at the end of 2019

28. The following table provides detailed information on the status in relation to UPOV.

**UPOV members**

African Intellectual Property Organization <sup>2, 4</sup>	Colombia <sup>1</sup>	Israel <sup>2</sup>	Oman <sup>2</sup>	Sweden <sup>2</sup>
Albania <sup>2</sup>	Costa Rica <sup>2</sup>	Italy <sup>1</sup>	Panama <sup>2</sup>	Switzerland <sup>2</sup>
Argentina <sup>1</sup>	Croatia <sup>2</sup>	Japan <sup>2</sup>	Paraguay <sup>1</sup>	Trinidad and Tobago <sup>1</sup>
Australia <sup>2</sup>	Czech Republic <sup>2</sup>	Jordan <sup>2</sup>	Peru <sup>2</sup>	Tunisia <sup>2</sup>
Austria <sup>2</sup>	Denmark <sup>2</sup>	Kenya <sup>2</sup>	Poland <sup>2</sup>	Turkey <sup>2</sup>
Azerbaijan <sup>2</sup>	Dominican Republic <sup>2</sup>	Kyrgyzstan <sup>2</sup>	Portugal <sup>1</sup>	Ukraine <sup>2</sup>
Belarus <sup>2</sup>	Ecuador <sup>1</sup>	Latvia <sup>2</sup>	Republic of Korea <sup>2</sup>	United Kingdom <sup>2</sup>
Belgium <sup>2</sup>	Egypt <sup>2</sup>	Lithuania <sup>2</sup>	Republic of Moldova <sup>2</sup>	United Republic of Tanzania <sup>2</sup>
Bolivia (Plurinational State of) <sup>1</sup>	Estonia <sup>2</sup>	Mexico <sup>1</sup>	Romania <sup>2</sup>	United States of America <sup>2</sup>
Bosnia and Herzegovina <sup>2</sup>	European Union <sup>2, 3</sup>	Montenegro <sup>2</sup>	Russian Federation <sup>2</sup>	Uruguay <sup>1</sup>
Brazil <sup>1</sup>	Finland <sup>2</sup>	Morocco <sup>2</sup>	Serbia <sup>2</sup>	Uzbekistan <sup>2</sup>
Bulgaria <sup>2</sup>	France <sup>2</sup>	Netherlands <sup>2</sup>	Singapore <sup>2</sup>	Viet Nam <sup>2</sup>
Canada <sup>2</sup>	Georgia <sup>2</sup>	New Zealand <sup>1</sup>	Slovakia <sup>2</sup>	
Chile <sup>1</sup>	Germany <sup>2</sup>	Nicaragua <sup>1</sup>	Slovenia <sup>2</sup>	
China <sup>1</sup>	Hungary <sup>2</sup>	North Macedonia <sup>2</sup>	South Africa <sup>1</sup>	
	Iceland <sup>2</sup>	Norway <sup>1</sup>	Spain <sup>2</sup>	
	Ireland <sup>2</sup>			(Total 76)

<sup>1</sup> 1978 Act is the latest Act by which 17 States are bound.

<sup>2</sup> 1991 Act is the latest Act by which 57 States and 2 organizations are bound.

<sup>3</sup> Operates a plant breeders' rights system which covers the territory of its 28 member States (Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom).

<sup>4</sup> Operates a plant breeders' rights system which covers the territory of its 17 member States (Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Equatorial Guinea, Gabon, Guinea, Guinea Bissau, Mali, Mauritania, Niger, Senegal, Togo).



**States and intergovernmental organizations which had initiated the procedure  
for acceding to the UPOV Convention**

Afghanistan, Armenia, Brunei Darussalam, Ghana, Guatemala, Honduras, India, Iran (Islamic Republic of), Kazakhstan, Malaysia, Mauritius, Mongolia, Myanmar, Nigeria, Philippines, Saint Vincent and the Grenadines, Tajikistan, Venezuela (Bolivarian Republic of), Zimbabwe, as well as the African Regional Intellectual Property Organization (ARIPO).

**States and intergovernmental organizations which had been in contact with the Office of the Union  
for assistance in the development of laws based on the UPOV Convention**

Algeria, Bahrain, Barbados, Cambodia, Cuba, Cyprus, El Salvador, Indonesia, Iraq, Jamaica, Lao People's Democratic Republic, Libya, Liechtenstein, Mozambique, Namibia, Pakistan, Saudi Arabia, Sudan, Thailand, Tonga, Turkmenistan, United Arab Emirates, Zambia, as well as the Southern African Development Community (SADC).

## 2. PROGRAM PERFORMANCE

### 2.1 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.

The Council approved the Draft Program and Budget for the 2020-2021 Biennium, including the amount of contributions from members of the Union, the maximum ceiling of expenditure in the regular budget and the total number of posts.

The Consultative Committee reviewed the implementation of the Strategic Business Plan to diversify UPOV's revenue portfolio to maintain and enhance the sustainability of existing activities and services, as a part of which the Consultative Committee requested the development of options for the financing of the UPOV PRISMA PBR application tool and requested the development of proposals for database/IT services that UPOV might consider as potential revenue sources. On the basis of recommendations by the Consultative Committee, the Council decided to introduce a UPOV PRISMA fee per application at 90 Swiss Francs, starting in January 2020 and to introduce a "freemium" approach for the PLUTO Plant Variety Database. The freemium approach for PLUTO would provide two options:

- (i) free option: the PLUTO database with a search function would be free to all users. Search results would be limited to an on-screen display of a single page of results. There would be no facility to download search results or data from the PLUTO database;
- (ii) premium option: users paying a fee would have access to all PLUTO database features and would be able to download data without restrictions. The fee would be CHF 750 per annum;

With regard to interrelations with other organizations, the Council agreed to invite the World Farmers' Organisation (WFO) to become a full partner in the World Seed Partnership (WSP) and approved the draft joint paper "Benefits of the WSP for farmers". The Consultative Committee requested the Office of the Union to consult the Executive Secretary of the CBD and the Secretary of the ITPGRFA on how the objectives of the CBD and ITPGRFA might be reflected in the FAQ on the relationship between the UPOV Convention and other international treaties, and to explore means on how to facilitate the exchanges of experiences and information on the implementation of the UPOV Convention, the CBD and the ITPGRFA. The Council further requested the Office of the Union to cooperate with FAO in relation to the request of the Commission on Genetic Resources for Food and Agriculture (CGRFA) to carry out, in coordination with the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and in consultation with UPOV, in-depth case studies to consider the effects of seed policies, laws and regulations.

The decision to approve the organization of a seminar on the concept of essentially derived varieties (EDV) was an important step to clarify the subject and to support discussions in the Administrative and Legal Committee (CAJ).

As a part of the Communication Strategy, the Consultative Committee approved the engagement of UPOV in Twitter and LinkedIn and the Council agreed a revised text of the FAQ "What are the benefits of new varieties of plants for society?".

As a part of the measures to enable the organization of a single set of sessions, the Council used, for the first time, a procedure by correspondence to take positive decisions on the conformity of the "Plant Variety Protection Bill of Nigeria" and the "Plant Breeders' Protection Bill 2019 of Saint Vincent and the Grenadines" with the 1991 Act of UPOV Convention.

#### Objectives

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

**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

(see Figures 3 to 5)

Figure 3. Participation\* in Ordinary Sessions of the Council (October sessions)

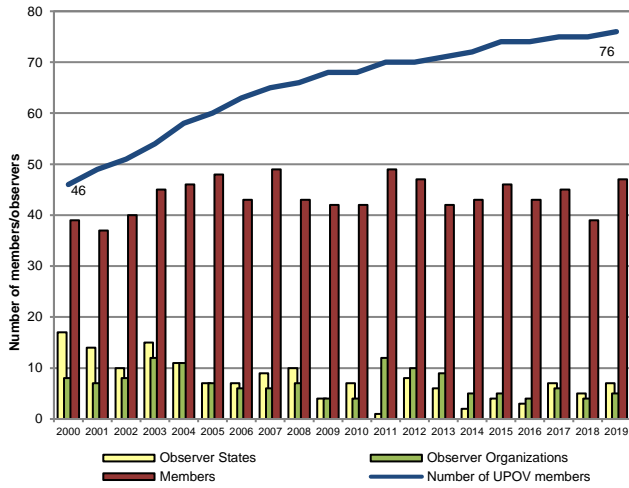


Figure 4. Participation\* in Extraordinary Sessions of the Council (April sessions)

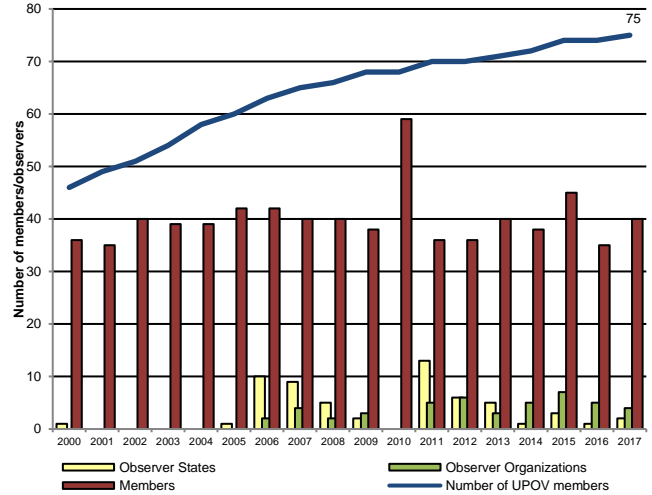
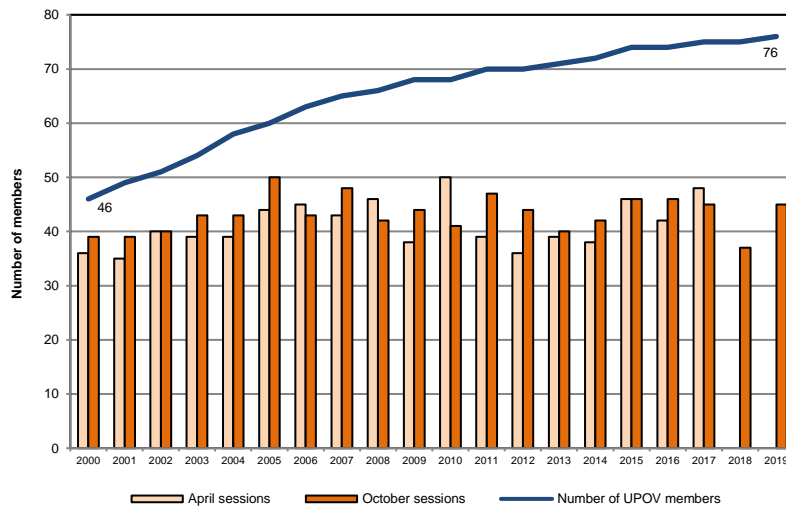


Figure 5. Participation\* in Consultative Committee Sessions



Note: On April 6, 2017, the Council decided to organize a single set of sessions from 2018 to be held in October/November.

\* Participation is assessed on the basis of the number of participating members and observer States/organization, rather than the number of individual participants.

2. COORDINATION, MONITORING AND PERFORMANCE ASSESSMENT OF PROGRAM AND BUDGET FOR THE 2018-2019 BIENNIUM

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

See Section 3 “Financial Performance”

3. PREPARATION AND ADOPTION OF THE PROGRAM AND BUDGET FOR THE 2020-2021 BIENNIUM

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

The Program and Budget for the 2020-2021 Biennium was adopted by the Council at its fifty-third ordinary session, on November 1, 2019 (see document C/53/4 Rev.).

4. REVIEW OF DEVELOPMENTS CONCERNING APPLICATIONS AND GRANTS OF PLANT BREEDERS’ RIGHTS

(a) Number of applications for plant breeders’ rights  
(see Figures 6 and 8)

(b) Number of titles granted  
(see Figure 9)

(c) Number of titles in force  
(see Figure 7)

Figure 6. Applications for Plant Breeders’ Rights

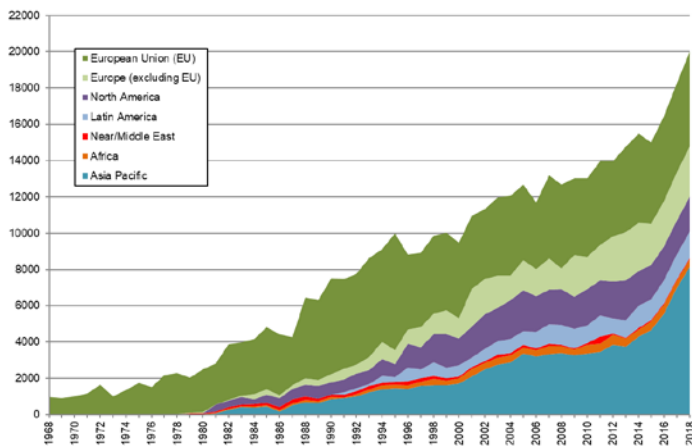


Figure 8. Applications for Plant Breeders’ Rights by Resident/Non-Resident

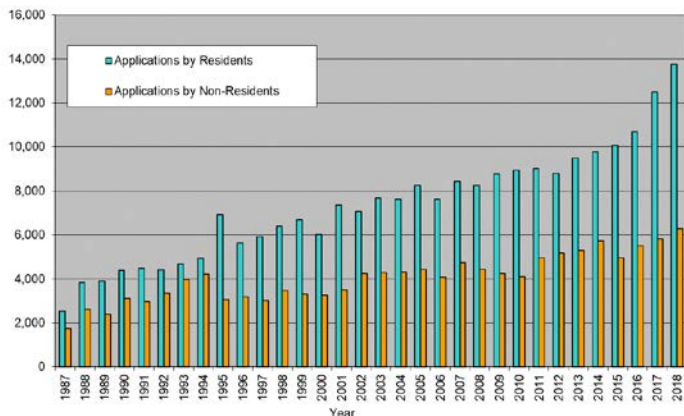


Figure 7. Plant Breeders’ Rights Titles in Force

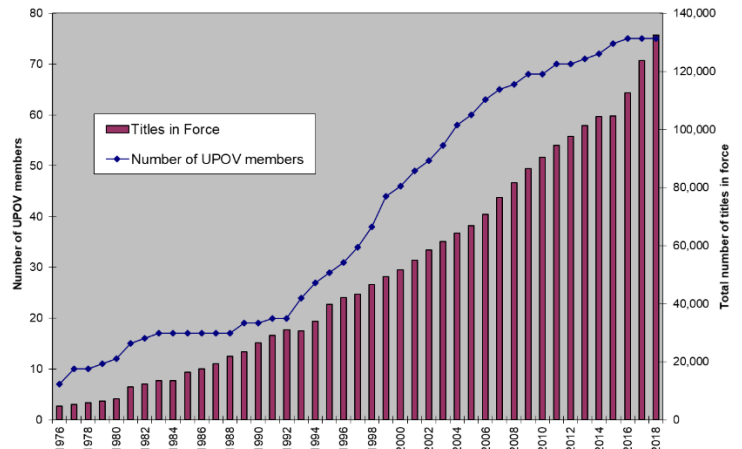
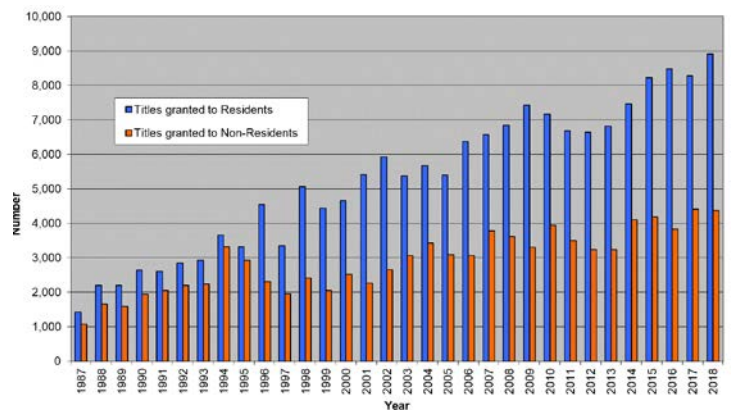


Figure 9. Plant Breeders’ Rights Titles Granted by Resident/Non-Resident





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

See Figure 18 “Plant Genera/Species with Cooperation Agreements, Practical Experience and Plant Breeders’ Rights Entries in Plant Variety Database”

(f) Analysis by crop type

Data from PLUTO database

*Applications filed by crop type:*

Year	Crop type				
	Agri-culture	Forest trees	Fruit	Orna-mental	Vege-tables
2012	27%	0.9%	12%	48%	12%
2013	25%	1.0%	12%	49%	11%
2014	30%	0.8%	11%	47%	10%
2015	33%	0.5%	14%	36%	16%
2016	37%	0.6%	11%	34%	18%
2017	33%	0.5%	11%	38%	17%
2018	35%	0.5%	12%	33%	20%
2019	34.2%	0.6%	9.6%	36.8%	18.6%

*Titles issued by crop type:*

Year	Crop type				
	Agri-culture	Forest trees	Fruit	Orna-mental	Vege-tables
2012	26%	0.7%	9%	48%	15%
2013	34%	0.7%	10%	42%	13%
2014	35%	0.6%	10%	43%	12%
2015	32%	0.9%	10%	44%	13%
2016	32%	1.1%	9%	40%	18%
2017	27%	0.4%	12%	45%	16%
2018	27%	0.5%	11%	43%	18%
2019	34.3%	0.4%	9.1%	37.6%	17.7%

5. FACILITATING APPLICATIONS THROUGH UPOV PRISMA (FORMERLY KNOWN AS THE UPOV ELECTRONIC APPLICATION FORM (EAF) TOOL)

(a) Number of UPOV members participating in UPOV PRISMA

At the end of 2019, 35 members of the Union, covering 74 States, were participating in UPOV PRISMA.

At the end of 2018, 30 UPOV members were participating in UPOV PRISMA.

(b) Number of crops/species covered by UPOV PRISMA

At the end of 2019, UPOV PRISMA was available for all genera and species in 23 members of the Union, and for a limited list of genera & species (1-100 crops) in 12 UPOV members.

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

(c) Number of applications made via UPOV PRISMA (see UV. 2)

In 2019, 214 applications were made for PBR via UPOV PRISMA (77 in 2018; 14 in 2017).

In 2019, 5 applications were made for National Listing via UPOV PRISMA (new functionality introduced in June 2019).

6. COUNCIL POLICY

(a) Recommendations by the Consultative Committee, and decisions by the Council

The Council took decisions, based on recommendations by the Consultative Committee or by correspondence (as indicated), concerning the following:

- to recommend that Afghanistan incorporate the amendments in the “Plant Variety Protection Act”, as provided in document C/52/19, and recommend that, once the amendments have been incorporated in the Act, the amended Act be submitted to the Council for examination in conformity with Article 34(3) of the 1991 Act;
- to take a positive decision on the conformity of:
  - the “Plant Variety Protection Bill of Nigeria” (by correspondence);
  - the “Plant Breeders’ Protection Bill 2019 of Saint Vincent and the Grenadines” (by correspondence);
  - the relevant parts of the “Draft Law of Mongolia on Crop Seed and Variety”;
  - the “Draft Plant Variety Protection Act of Afghanistan”;

- agreed that the changes introduced in Book Four “Plant Varieties” of Law Pertaining to the Protection of Intellectual Property Rights” of Egypt, as last amended in 2019, did not affect the substantive provisions of the 1991 Act of the UPOV Convention and reaffirmed its decision on conformity of March 27, 2015;
- agreed that the changes introduced in the New Plant Variety Protection Law of Myanmar, which had been adopted by the Parliament on September 17, 2019, and published in the Official Gazette on September 24, 2019, did not affect the substantive provisions of the 1991 Act of the UPOV Convention and reaffirmed its decision on conformity of October 26, 2017;
- to make the use of UPOV PRISMA free of charge in 2019, and to introduce a UPOV PRISMA fee per application at 90 Swiss Francs, starting in January 2020, subject to resolution of the technical issues and improvements being made to the user experience, before a fee was introduced. It further agreed that, where the same variety was submitted for both plant breeders’ rights and national listing in the same participating member of the Union, a single fee would be charged at the time of the first submission for the variety;
- to continue to make the GENIE database available without charge to users on the basis that a new feature in UPOV PRISMA based on cooperation in DUS examination information contained in the GENIE database, would be captured in the UPOV PRISMA fee, as appropriate;
- to approve the following approach for the PLUTO database from November 2020:
  - (i) free option: the PLUTO database with a search function would be free to all users. Search results would be limited to an on-screen display of a single page of results. There would be no facility to download search results or data from the PLUTO database,
  - (ii) premium option: users paying a fee would have access to all PLUTO database features and would be able to download data without restrictions. The fee would be CHF 750 per annum,
  - (iii) members of the Union and data contributors: access to all PLUTO database “premium” features would be free to all members of the Union and data contributors (i.e. OECD), and
  - (iv) access to PLUTO data could also be granted in cases approved by the Consultative Committee, in a similar way to the assistance provided by the Office of the Union to the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA);
- to discontinue the arrangement between UPOV and WIPO concerning the UPOV Plant Variety Database (UPOV-WIPO arrangement) as soon as the knowledge transfer and rationalization of the PLUTO database data management had been completed to the satisfaction of the Office of the Union;
- agreed a revised text of the FAQ “What are the benefits of new varieties of plants for society?”;
- to approve the proposed text for updating of FAQs and the proposed amendments to the UPOV Distance Learning materials, to reflect developments concerning UPOV PRISMA;
- to request the Office of the Union to cooperate with FAO in relation to the request of the Commission on Genetic Resources for Food and Agriculture (CGRFA) to carry out, in coordination with the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) and in consultation with UPOV, in-depth case studies to consider the effects of seed policies, laws and regulations;
- to invite the World Farmers’ Organisation (WFO) to become a full partner in the WSP, as reproduced in document C/53/15 “Report”, paragraph 23(i);
- to approve the draft joint paper “Benefits of the WSP for farmers”, to be posted on the WSP website and to be used for communication purposes;
- to place a restriction in a UPOV bank account for 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 2016-2017 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 with the restriction starting from the 2018-2019 biennium and to apply to that funds thus restricted in the UPOV bank account the investment policy that WIPO applied to the account for financing WIPO’s ASHI liability.

#### (b) Other decisions by the Council

The Council also took decisions concerning the following:

- work programs of the Administrative and Legal Committee (CAJ), the Technical Committee (TC), the Technical Working Parties (TWP) and the Working Group on Biochemical and Molecular Techniques, and DNA-Profiling in Particular (BMT);
- election of the:
  - President and Vice-President of the Council
  - Chair and Vice-Chair of the CAJ
  - Chair and Vice-Chair of the TC

#### (c) Other work of the Consultative Committee

The Consultative Committee:

- requested the Office of the Union to present options to the Consultative Committee, at its ninety-sixth session, for the financing of UPOV PRISMA, including: fee per submission; fee per variety; subscription model(s) for applicants; subscription model(s) for members of the Union and package(s) of UPOV services;

- noted the progress in the work of the Working Group on an International System of Cooperation (WG-ISC) at the fourth meeting of the WG-ISC, held in Geneva on October 31, 2018. The Consultative Committee noted that, subject to agreement by the WG-ISC, a document would be presented to the Consultative Committee at its ninety-sixth session, immediately after the fifth meeting of the WG-ISC, to be held on the evening of October 30, 2019. At its ninety-sixth session, the Consultative Committee noted the proposals, analysis and information agreed by the Working Group on a possible International System of Cooperation (WG-ISC), at its fifth meeting, held in Geneva on October 30, 2019, and invited the Office of the Union to present a summary of existing work/initiatives relevant for each proposal alongside the proposals of the WG-ISC, at the ninety-seventh session of the Consultative Committee to be held on October 29, 2020;
- agreed that the redrafting of the adopted FAQ on Sustainable Development Goals (SDGs) should not be pursued further. However, the Consultative Committee agreed that the Office of the Union should use relevant material to communicate to the general public the role of the UPOV system in supporting sustainable development and to seek to develop an FAQ for that purpose;
- requested the Office of the Union to invite comments on the FAQ on the benefits of new varieties of plants for society, by the end of November 2018. Based on the comments received, it requested the preparation of a new draft to be circulated to the Consultative Committee by correspondence. It requested a further draft to be presented for consideration at its ninety-sixth session;
- agreed that the Office of the Union should prepare proposals to update relevant FAQs to reflect developments concerning UPOV PRISMA and the UPOV Distance Learning Programs, for consideration at its ninety-sixth session;
- agreed that the draft text for an FAQ on “How the UPOV system supports sustainable development”, as reproduced in document C/53/9 Rev., be circulated for comments and, on the basis of the comments received, the Office of the Union to prepare an updated version of the draft FAQ for consideration by the Consultative Committee at its ninety seventh-session in 2020;
- approved the proposed redesign of the UPOV website and noted the plans for the implementation of the redesigned UPOV website and a new content management system (CMS);
- approved the introduction of a UPOV Twitter account and of a Twitter account for the Vice Secretary General to communicate matters concerning UPOV;
- approved the use of the UPOV LinkedIn entry to share the same type of information that would be disseminated via the UPOV Twitter account;
- approved the plans of the Office of the Union to create a separate LinkedIn entry for UPOV PRISMA in order to achieve better functionality for publicizing UPOV PRISMA in conjunction with its e-mail campaigns;
- approved the following performance indicators for the communication strategy, as follows: visits to UPOV website; number of followers, impressions and engagement rate in Twitter and number of followers and connections in LinkedIn; and participation in workshops;
- agreed that more materials from events from outside Geneva should be posted on the UPOV website, according to available resources;
- encouraged members of the Union which were also Contracting Parties to the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) to send submissions to the Ad Hoc Technical Expert Group on Farmers’ Rights (AHTEG) on measures implementing Article 9 of the ITPGRFA (to: [pgdfa-treaty@fao.org](mailto:pgdfa-treaty@fao.org) with copy to: [upov.mail@upov.int](mailto:upov.mail@upov.int));
- requested the Office of the Union to report to the Consultative Committee at its ninety-sixth session on the progress of the AHTEG;
- requested the Vice Secretary-General to consult the Executive Secretary of the Convention on Biological Diversity (CBD) and the Secretary of the ITPGRFA on how the objectives of the CBD and ITPGRFA might be reflected in the FAQ on the relationship between the UPOV Convention and other international treaties, and to explore means on how to facilitate the exchanges of experiences and information on the implementation of the UPOV Convention, the CBD and the ITPGRFA.
- approved the assistance of the Office of the Union to Mr. Jacob Moscona in relation to data in the PLUTO database for research on the factors that determine the types of innovations that different countries produce and export in the agricultural sector with the understanding that the results of the study would be made available to UPOV;
- agreed to invite Oxfam, Plantum and Euroseeds, authors of the “Report and Recommendations of the project ‘Options to interpret the notion of private and non-commercial use as included in Article 15. 1. I of the UPOV 1991 Convention’”, concerning small holder farmers, to make a presentation at the ninety-seventh session of the Consultative Committee in 2020;
- requested the Office of the Union to include an item and prepare a document, for its ninety-seventh session, in order to provide a summary of the work of the Consultative Group on Long-Term Financial Issues of UPOV and the consideration of those issues by the Consultative Committee;
- agreed to include an item to review Regulation 4.6 of UPOV Financial Regulations and Rules (document UPOV/INF/4/5) at its ninety-seventh session.

(d) Adoption of information and position papers by the Council

The adoption of information materials by the Council is reported under Sub-Program UV.2.



## **2.2 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.

The introduction of UPOV PRISMA in 2017 was a major development in facilitating applications for plant breeders' rights. By the end of 2019, 35 members of the Union, covering 74 States, were participating in UPOV PRISMA. Use of UPOV PRISMA continued to grow during the Biennium, with 214 applications made for PBR via UPOV PRISMA in 2019, compared to 77 in 2018 and 14 in 2017.

The effectiveness of the UPOV system is enhanced by the provision of guidance and information materials. In 2019, the "Seminar on the impact of policy on essentially derived varieties (EDVs) on breeding strategy", led the CAJ to agree to open up the "Explanatory Notes on Essentially Derived Varieties under the 1991 Act of the UPOV Convention" (document UPOV/EXN/EDV/2). The CAJ is also working on the revision of the "Explanatory notes on variety denominations under the UPOV Convention", with a view to increasing harmonization in the examination of variety denominations.

Cooperation between members of the Union is a key benefit of UPOV membership. In 2019, the TC discussed technical concerns that can prevent cooperation in DUS examination and agreed to invite the UPOV Office to develop a coherent plan, based on specified proposals, to address the concerns and to propose how to assess the impact of the plan. The TC also agreed to report to the CAJ the related policy or legal issues that can prevent cooperation in DUS examination.

The work of the Technical Working Parties (TWPs) and the Technical Committee (TC) on the development and revision of Test Guidelines (TG) continues to be a cornerstone for cooperation between members of the Union in the examination of Distinctness, Uniformity and Stability ("DUS"). At the same time, the harmonization provided by TG and the availability of TG data in the web-based Test Guidelines Template (TG Template) enabled the rapid expansion of UPOV PRISMA to cover all crops and species for those members of the Union that use the UPOV Test Guidelines as the basis for the technical questionnaires in their application forms. In 2019, the adopted Test Guidelines covered 94% of all PBR-related entries in the Plant Variety Database.

The UPOV Code System was developed to overcome the problem of synonyms for plant taxa and is essential for the functioning of UPOV PRISMA and the PLUTO and GENIE databases. However, the TC will now explore a new approach that would enable UPOV Codes to provide additional information on variety groups or types for DUS testing purposes, while continuing to enable the UPOV code system to be based on taxonomic criteria.

### **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.

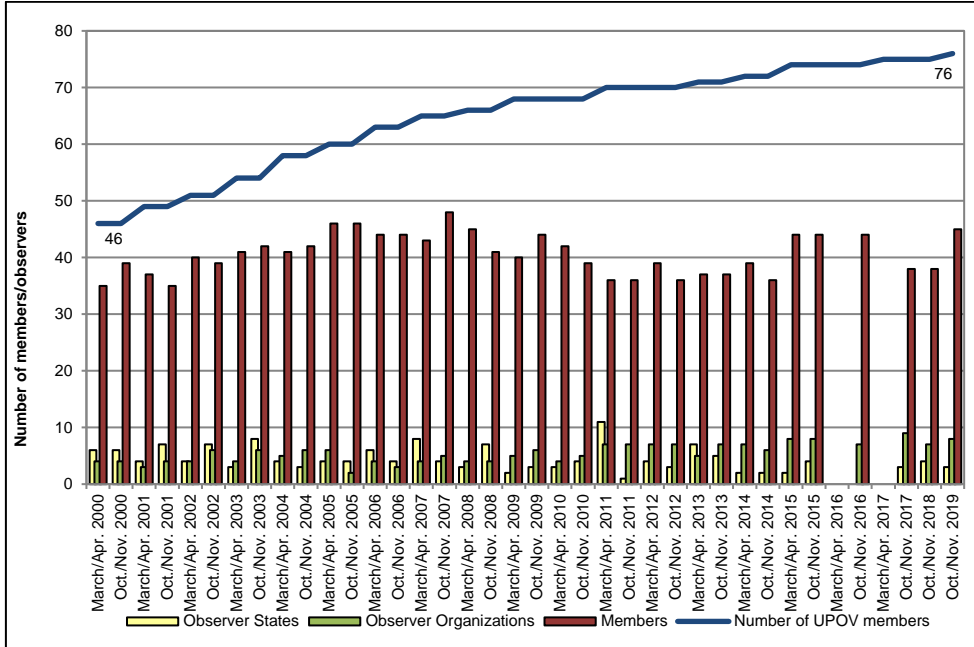
**Results Achieved: Selected Performance Indicators**

1. PARTICIPATION BY MEMBERS OF THE UNION AND OBSERVERS IN THE WORK OF THE UPOV BODIES

(a) Participation in the Administrative and Legal Committee

(see Figure 12)

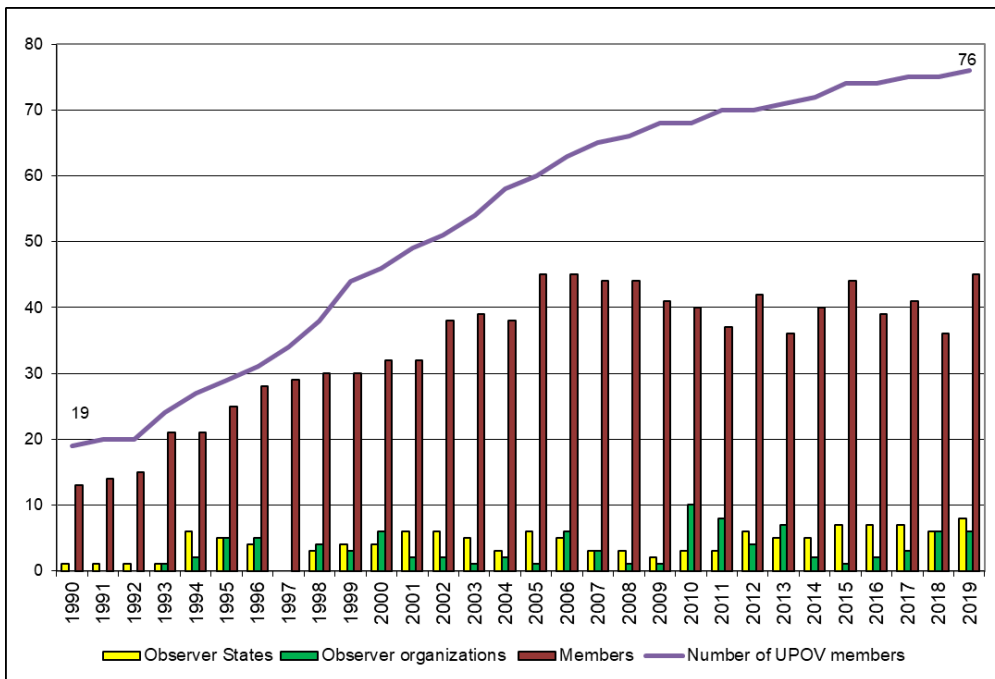
Figure 12. Number of Participating Members and Observer States/Organizations in the CAJ



(b) Participation in the Technical Committee

(see Figure 13)

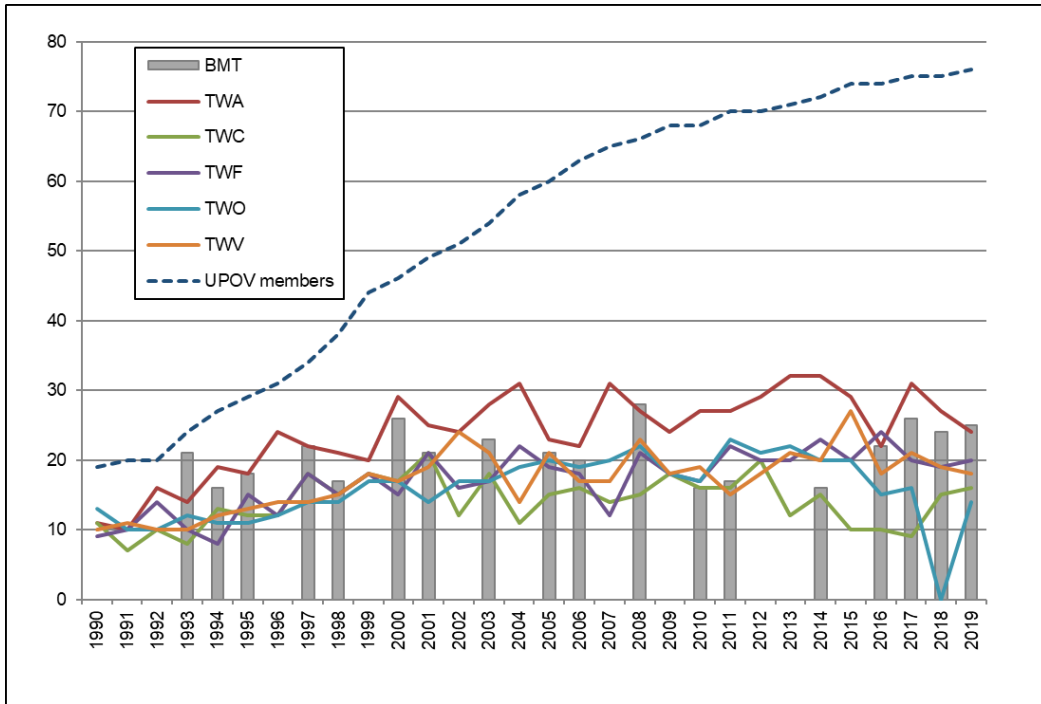
Figure 13. Number of Participating Members and Observer States/Organizations in the TC



(c) Participation in Technical Working Party Sessions

(see Figure 14)

Figure 14. Number of Participating Members and Observer States/Organizations in the TWPs

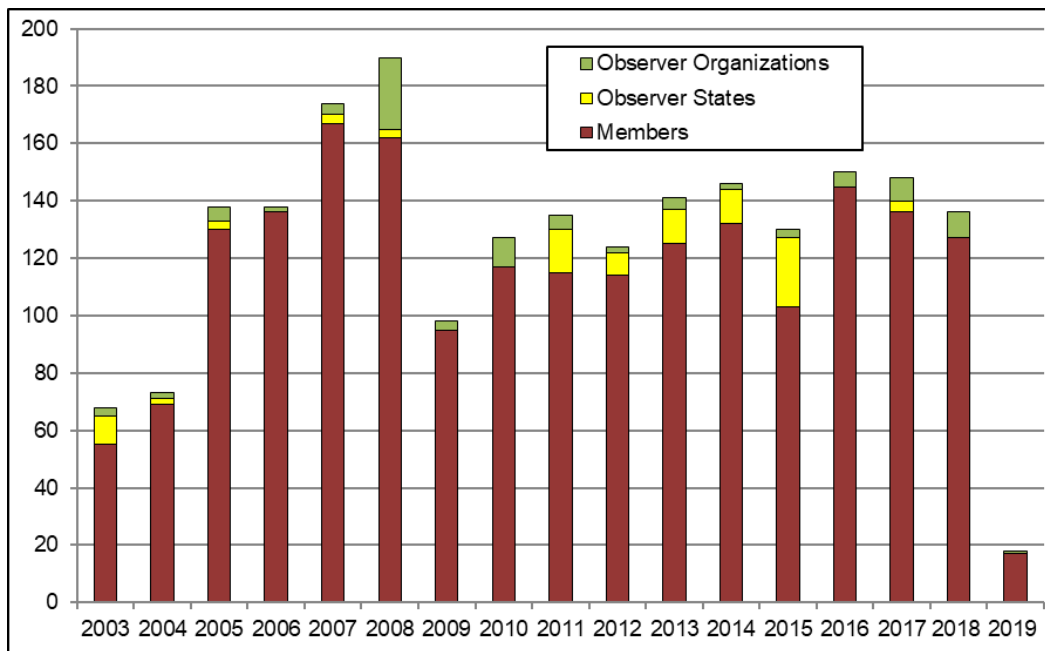


(d) Participation in Preparatory Workshops for the Technical Working Party Sessions

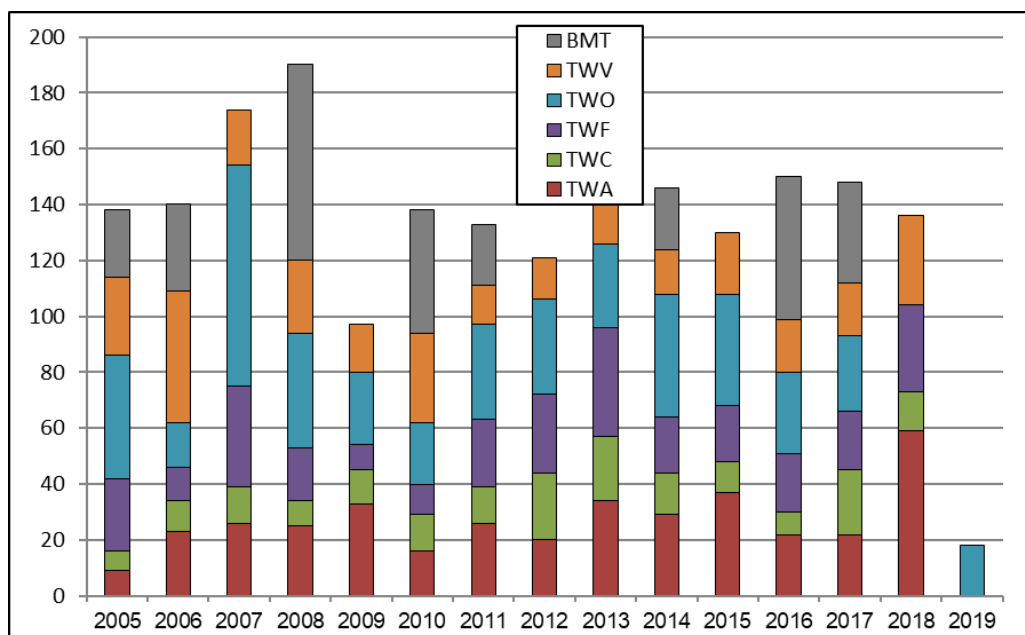
(see Figure 15)

Figure 15

(i) Number of individual participants in the Preparatory Workshops: members and observers



(ii) Number of individual participants in the Preparatory Workshops by Technical Working Party



2. GUIDANCE ON THE UPOV CONVENTION AND ITS IMPLEMENTATION AND INFORMATION ON ITS APPLICATION

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

The Council adopted:

- 8 revisions to previously adopted information documents
  - UPOV/INF/4/5 Financial Regulations and Rules of UPOV (Revision)
  - UPOV/INF/5/2 UPOV Model Plant Breeders' Rights Publication (Revision)
  - UPOV/INF/16/8 Exchangeable Software (Revision)
  - UPOV/INF/22/5 Software and equipment used by members of the Union (Revision)
  - UPOV/INF/22/6 Software and equipment used by members of the Union (Revision)
  - UPOV/INF-EXN/12 List of INF-EXN Documents and Latest Issue Dates (Revision)
  - UPOV/INF-EXN/13 List of INF-EXN Documents and Latest Issue Dates (Revision)

The CAJ and TC, as appropriate, considered drafts of the following:

- 4 revisions to previously adopted information documents
  - UPOV/INF/5/2 UPOV Model Plant Breeders' Rights Publication (Revision)
  - UPOV/INF/16/8 Exchangeable Software (Revision)
  - UPOV/INF/22/5 Software and equipment used by members of the Union (Revision)
  - UPOV/INF/22/6 Software and equipment used by members of the Union (Revision)
- 1 new explanatory note
  - UPOV/EXN/DEN/1 Explanatory Notes on Variety Denominations under the UPOV Convention
- for TGP documents, see Section 2.2 "Sub-Program UV.2", expected result "2. Guidance on the examination of varieties" and "(a) Adoption of new or revised TGP documents and information materials"

(b) Publication of the UPOV Gazette and Newsletter

There was no issue of UPOV Publication No. 438 "Plant Variety Protection Gazette and Newsletter" in the 2018-2019 Biennium.

(c) Inclusion of laws of members of the Union in UPOV Lex database

- 7 laws concerning the following 7 members of the Union were included in the UPOV Lex database  
Argentina, Australia, Belgium, Colombia, Dominican Republic, Egypt and Norway

*UPOV Lex database: visits to the UPOV Website<sup>a</sup> in 2019*

Language	Pageviews	Unique pageviews
English	60,499	41,770
Spanish	22,667	15,703
French	5,891	4,162
German	1,700	1,240
Total:	90,757	62,875

*Evolution of visits*

Year	Pageviews	Unique pageviews
2019	90,757	62,875
2018	92,199	64,413
2017	82,861	59,166
2016	85,374	60,294
2015	80,460	55,991
2014	88,305	60,439
2013	88,533	61,230
2012	91,245	62,411
2011	19,269	12,575

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

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

(see <http://www.upov.int/about/en/languages.html>)

3. GUIDANCE ON THE EXAMINATION OF VARIETIES

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

TGP documents adopted and published on the UPOV website:

- - 9 revisions to previously adopted TGP documents

TGP/5: Section 1/3	Experience and Cooperation in DUS Testing: Model Administrative Agreement for International Cooperation in the Testing of Varieties (Revision)
TGP/7/6	Development of Test Guidelines (Revision)
TGP/7/7	Development of Test Guidelines (Revision)
TGP/8/4	Trial Design and Techniques Used in the Examination of Distinctness, Uniformity and Stability (Revision)
TGP/10/2	Examining Uniformity (Revision)
TGP/14/4	Glossary of Terms Used in UPOV Documents (Revision)
TGP/15/2	Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS) (Revision)
TGP/0/10	List of TGP Documents and Latest Issue Dates (Revision)
TGP/0/11	List of TGP Documents and Latest Issue Dates (Revision)

- Drafts of TGP documents advanced in the CAJ, TC and/or the TWPs
  - 7 revisions to previously adopted TGP documents
    - TGP/5: Section 1 Experience and Cooperation in DUS Testing: Model Administrative Agreement for International Cooperation in the Testing of Varieties (Revision)
    - TGP/7 Development of Test Guidelines (Revision)
    - TGP/8 Trial Design and Techniques Used in the Examination of Distinctness, Uniformity and Stability (Revision)
    - TGP/10 Examining Uniformity (Revision)
    - TGP/14 Glossary of Terms Used in UPOV Documents (Revision)
    - TGP/15 Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS) (Revision)
    - TGP/0 List of TGP Documents and Latest Issue Dates (Revision)
- Drafts of information materials advanced in the CAJ, TC and/or the TWPs
  - 3 revisions to previously adopted information materials
    - UPOV/INF/5 UPOV Model Plant Breeders' Rights Publication (Revision)
    - UPOV/INF/16 Exchangeable Software (Revision)
    - UPOV/INF/22 Software and equipment used by members of the Union (Revision)
- Revision of the following document considered in the Working Variety Denominations (WG-DEN):
  - UPOV/INF/12 Explanatory Notes on Variety Denominations under the UPOV Convention (Revision)

(b) Adoption of new or revised Test Guidelines

*Adopted Test Guidelines*

- In 2019, 22 Test Guidelines were adopted by the TC, comprising:
  - 3 new Test Guidelines
  - 6 revised Test Guidelines
  - 13 partially revised Test Guidelines
- In 2018, 23 Test Guidelines were adopted by the TC, comprising:
  - 8 new Test Guidelines
  - 7 revised Test Guidelines
  - 8 partially revised Test Guidelines

(see Figure 16)

*Test Guidelines advanced in the Technical Working Parties*

- In 2019, 44 draft Test Guidelines were advanced by the TWPs, comprising:
  - 9 new Test Guidelines
  - 27 revisions
  - 8 partial revisions
- In 2018, 27 draft Test Guidelines were advanced by the TWPs, comprising:
  - 4 new Test Guidelines
  - 16 revisions
  - 7 partial revisions

(see Figure 17)

*Test Guidelines: visits to the UPOV Website in 2019*

Language	Pageviews	Unique pageviews
English	53,063	31,497
Spanish	9,109	5,301
French	3,483	2,047
German	1,357	908
Total:	67,012	39,753

Evolution of visits

Year	Pageviews	Unique pageviews
2019	67,012	39,753
2018	63,172	37,630
2017	66,567	38,621
2016	61,966	38,054
2015	64,425	38,144
2014	67,900	40,102
2013	68,479	38,979
2012	65,471	37,227
2011	not available	not available

Figure 16. Adoption of Test Guidelines

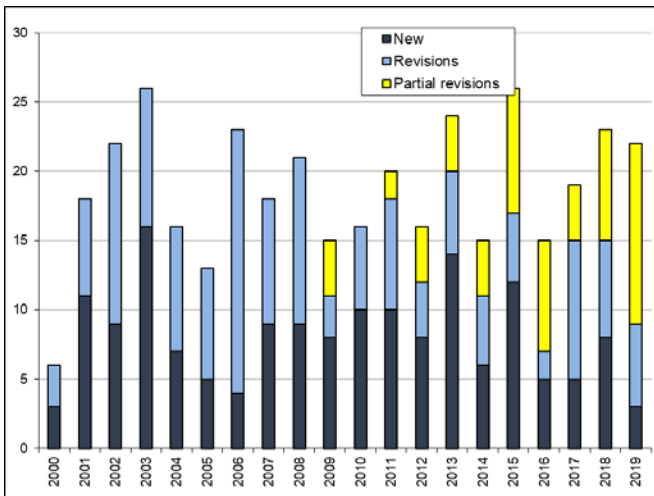
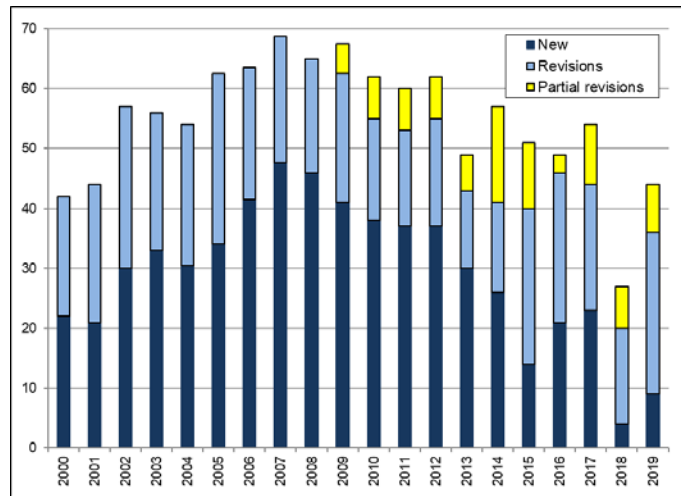


Figure 17. Draft Test Guidelines discussed in TWP

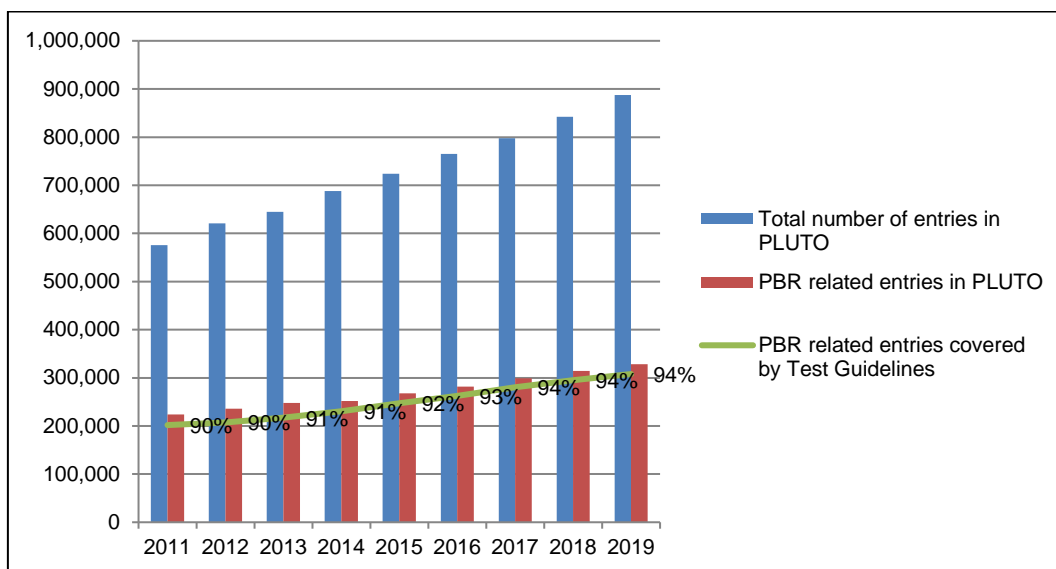


(c) Number of PBR applications covered by adopted Test Guidelines

At the end of 2019, the adopted Test Guidelines covered 94% of all PBR-related entries in the PLUTO Plant Variety Database (307,853 of 328,525) (94% at the end of 2017 (280,687 of 299,031))

(see Figure 18)

Figure 18. Plant Breeders' Rights Entries in Plant Variety Database covered by Test Guidelines



(d) Participation in the development of Test Guidelines

An overview of participation in the development of Test Guidelines by TWPs and by region of the leading expert is provided in Figures 19 to 22.

Figure 19. Total number of Test Guidelines adopted (by Technical Working Party)

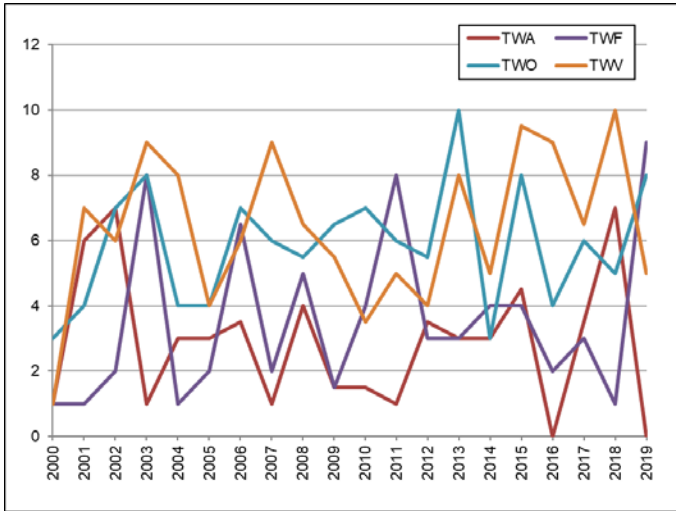


Figure 20. Total number of Test Guidelines under development (by Technical Working Party)

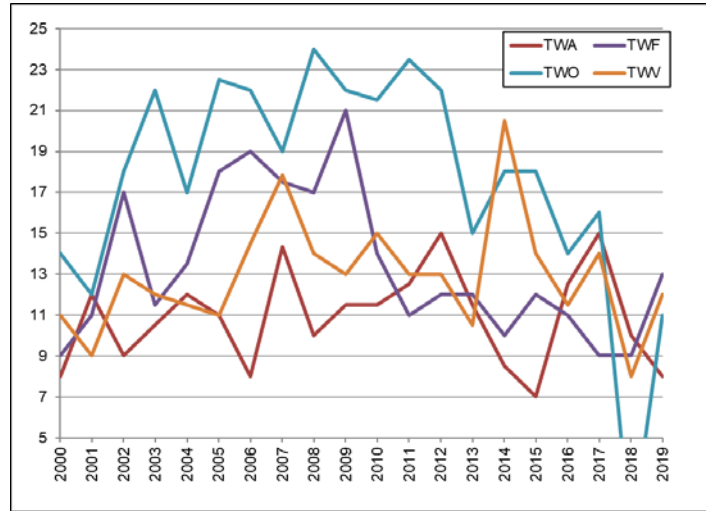


Figure 21. Total number of Test Guidelines adopted (by region of the leading expert)

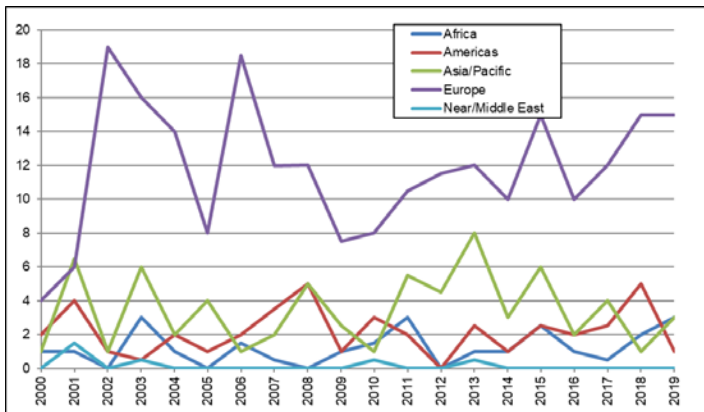
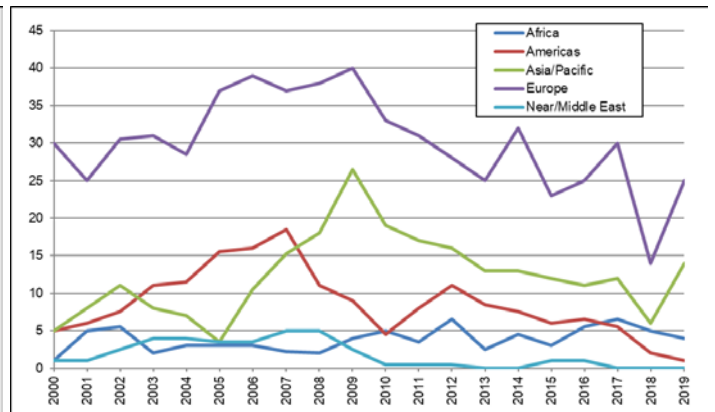


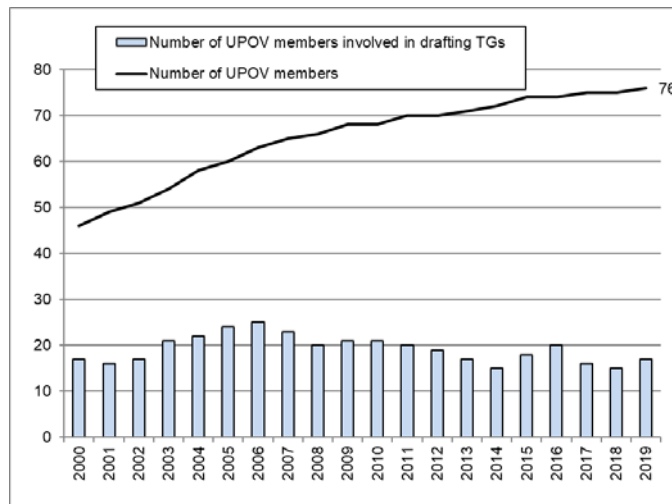
Figure 22. Total number of Test Guidelines under development (by region of the leading expert)



Total of 19 members of the Union involved in drafting Test Guidelines in the biennium (AR, AU, BR, DE, DK, ES, FR, GB, HU, IT, JP, KE, KR, MA, NL, NZ, QZ, SK, ZA)

(see Figure 23)

Figure 23. Number of members of the Union involved in drafting Test Guidelines





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

The web-based TG Template was used for the preparation of draft Test Guidelines for the TWP's at their sessions in 2018 and 2019.

1. Translation in UPOV languages

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

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

No developments.

4. COOPERATION IN DUS EXAMINATION



GENIE Database: visits to the UPOV Website in 2019

	2019 (July to Dec)	2017 (2018 not available)
Sessions	6,214	14,861
Users	4,058	9,991
Pageviews	30,251	72,756
New Visitors	64.6%	69.8%
Returning Visitors	35.4%	30.2%

Language*	Pageviews
English	22,117
Spanish	5,021
French	1,719
German	1,394
Total:	30,251

\* The analytics for language are based on the language of the browser.

Top 10 countries from which visits were made to GENIE database in 2019

Country / Territory	Sessions	New Users
China	340	203
United States of America	287	199
Turkey	283	179
France	349	148
Mexico	281	141
Spain	291	146
Japan	458	109
India	174	112
Germany	227	91
Netherlands	169	61

Evolution of visits

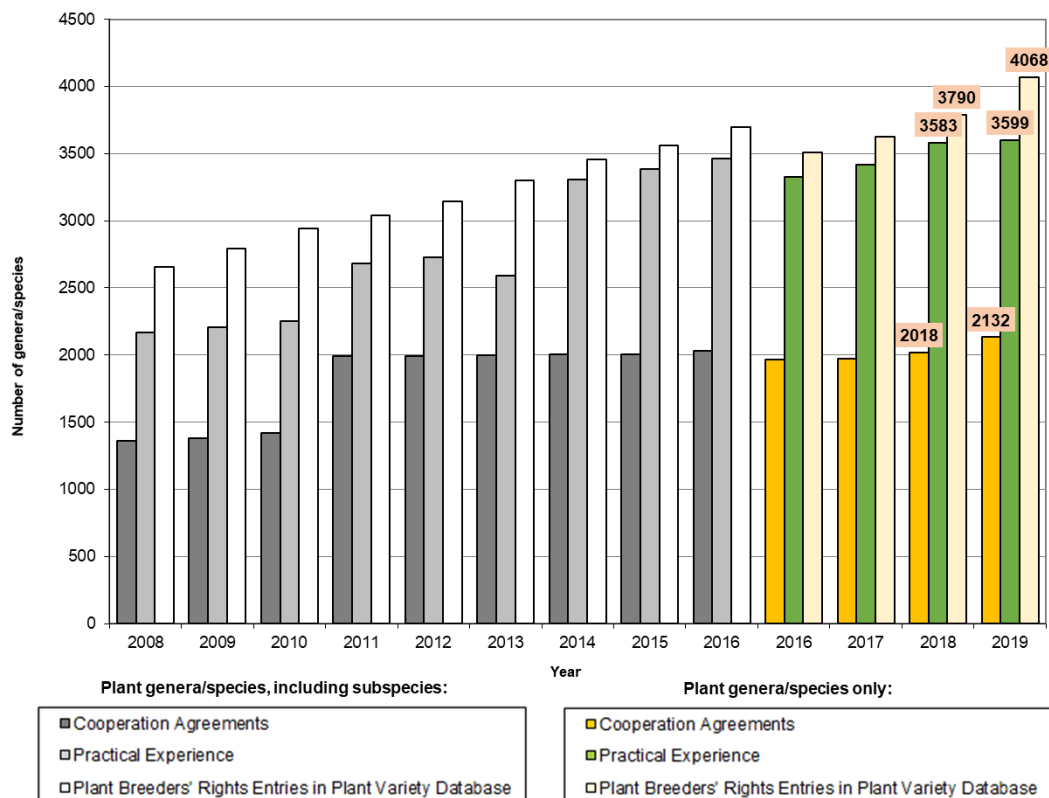
Year	Pageviews	Unique pageviews
2019 (July to December)	30,251	(not available)
2018	(not available)	(not available)
2017	72,756	40,830
2016	76,990	42,886
2015	67,175	39,165
2014	72,018	40,027
2013	84,306	49,280
2012	85,149	46,122
2011	59,735	32,839
2010	51,457	28,565
2009	11,474	5,337
2008	14,063	5,763
2007	5,357	2,530

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

In 2019, there were 3,599 genera and species (3,752 taxa including subspecies) for which members of the Union had reported practical experience in DUS examination (see document TC/55/INF/4).

In 2018, there were 3,583 genera and species (3,732 taxa including subspecies) and 3,416 genera and species in 2017 (3,561 taxa including subspecies).  
(see Figure 24)

Figure 24. Plant Genera/Species with Cooperation Agreements, Practical Experience and Plant Breeders' Rights Entries in Plant Variety Database



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

In 2019, there were 2,063 genera and species (2,132 taxa including subspecies) for which there were agreements between members of the Union for cooperation in DUS examination (see document C/53/INF/5).

In 2018, there were 2,018 genera and species (2,089 taxa including subspecies) and 1,974 genera and species in 2017 (2,038 taxa including subspecies).

(see Figure 18 and document C/54/5)

5. COOPERATION IN EXAMINATION OF VARIETY DENOMINATIONS



PLUTO Database: visits to the UPOV Website in 2019

Sessions	35,673
Users	14,414
Pageviews	54,088
New Visitors	67.7%
Returning Visitors	32.3%

Language	Pageviews	Unique pageviews
English	45,486	32,091
Spanish	5,588	3,385
French	2,231	1,558
German	783	569
Total:	54,088	37,603

*Top 10 countries visiting the PLUTO database in 2019*

Country	Sessions	New Users
United States of America	5,464	2,083
Netherlands	2,375	431
France	2,087	795
Australia	1,629	428
Brazil	1,553	471
Turkey	1,305	446
Japan	1,290	283
Mexico	1,154	520
Spain	1,021	519
China	712	325

*Evolution of visits*

Year	Pageviews	Unique pageviews
2019	54,088	37,603
2018	53,154	42,768
2017	69,457	48,108
2016	90,630	63,359
2015	80,382	57,159
2014	74,226	50,203
2013	70,739	44,370
2012	255,108	51,111
2011	30,226	6,316

(a) Quantity and quality of data in PLUTO database

1. *Number of contributors*

- Number of contributors included in the PLUTO database:  
50 in 2019 (63 in 2018; 62 in 2017; 60 in 2016)
- Number of members of the Union that contributed data:  
49 in 2019 (48 in 2018; 48 in 2017; 48 in 2016)

2. *Number of new submissions*

- Number of submissions of new data:  
327 in 2019 (248 in 2018; 222 in 2017; 255 in 2016)
- Number of members of the Union that contributed data for the first time:  
1 in 2019 (1 in 2018; 2 in 2017; 2 in 2016)

3. *Number of records*

- Total number of records included in the PLUTO database at the end of 2019:  
873,549 (828,808 at the end of 2018; 797,669 at the end of 2017; 765,070 at the end of 2016)

6. DEVELOPMENT OF UPOV PRISMA (FORMERLY KNOWN AS THE UPOV ELECTRONIC APPLICATION FORM (EAF) TOOL)

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

### 2.3 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 continued to prioritize its activities and to explore synergies in its activities with members of the Union and other partners.

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

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

The increasing interest in UPOV membership in recent years continued. The number of non-UPOV member States/Organizations provided with comments on laws (17) was the highest for more than 20 years. The number of States/organizations which received positive advice from the Council was also the highest since 2000.

Thirty-one States (10 members of the Union and 21 non-members of the Union) contacted the Office of the Union for assistance in the development of legislation on plant variety protection. A total of 22 States (5 members of the Union and 17 non-members of the Union) were provided with comments on their laws or draft laws. Four States initiated with the Council the procedure for becoming members of the Union. The Council provided a positive advice to 6 States on the conformity of their laws or draft laws with the 1991 Act of the UPOV Convention. One member of the Union (Belgium) ratified the 1991 Act of the UPOV Convention. One State (Egypt) became a member of the Union.

The Office of the Union organized or participated in 235 missions/events in the 2018-2019 Biennium, at which 141 States and 17 organizations were provided with information about the UPOV system. A total of 1,166 students from 102 States and 4 organizations participated in UPOV's distance learning courses.

#### Objectives

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

#### Results Achieved: Selected Performance Indicators

##### 1. RAISING AWARENESS OF THE ROLE OF PLANT VARIETY PROTECTION IN ACCORDANCE WITH THE UPOV CONVENTION

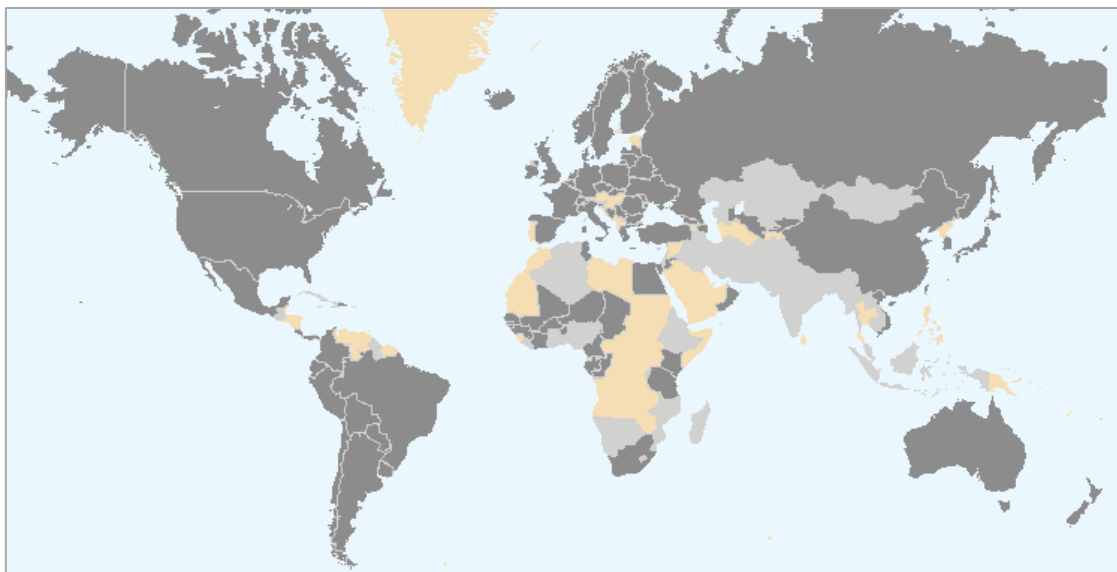
###### (a) States and organizations provided with information at UPOV activities

States provided with information at UPOV activities:

Afghanistan, Algeria, Argentina, Australia, Azerbaijan, Bangladesh, Barbados, Belarus, Belgium, Benin, Bhutan, Bolivia (Plurinational State of), Bosnia and Herzegovina, Botswana, Brazil, Brunei Darussalam, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Chad, Chile, China, Colombia, Comoros, Congo, Costa Rica, Côte d'Ivoire, Cuba, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, Eritrea, Eswatini, Ethiopia, Fiji, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Guinea-Bissau, Guyana, Haiti, Iceland, India, Indonesia, Iran (Islamic Republic of), Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Kyrgyzstan, Lao People's Democratic Republic, Latvia, Lebanon, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Malaysia, Mali, Mauritius, Mexico, Mongolia, Mozambique, Myanmar, Namibia, Nepal, Netherlands, New Zealand, Niger, Nigeria, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Rwanda, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Saint Lucia, Sao Tome and Principe, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovakia, Slovenia, Solomon Islands, South Africa, Spain, Sri Lanka, Sudan, Sweden, Switzerland, Syrian Arab Republic, Thailand, Togo,

Tunisia, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uruguay, Uzbekistan, Venezuela, Viet Nam, Zambia, Zimbabwe (141 States)  
(see Figure 25)

Figure 25. States provided with information at UPOV activities



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory.

■ Members of the Union    □ Non-members of the Union

Intergovernmental organizations provided with information at UPOV activities (10):

ARIPO, CBD, COMESA, CPVO (European Union), EPO, EUIPO, ITPGRFA, OAPI, South Centre, WIPO

Non-governmental organizations provided with information at UPOV activities (7):

AATF, AFSTA, CIOPORA, CropLife International, ESA, ISF, SAA

Location of UPOV activities:

Australia, Bosnia and Herzegovina, Bulgaria, Cameroon, Canada, China, Côte d'Ivoire, Ecuador, Egypt, India, Indonesia, Japan, Jordan, Kazakhstan, Kenya, Lao People's Democratic Republic, Malaysia, Mexico, Mongolia, Myanmar, Namibia, Netherlands, New Zealand, Oman, Peru, Philippines, Republic of Korea, Russian Federation, Singapore, South Africa, Sweden, Switzerland, United States of America, Uzbekistan, Viet Nam  
(see Figure 26)

Figure 26. Location of UPOV activities



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory.

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

Members of the Union (10): Bosnia and Herzegovina, Colombia, Georgia, Japan, Mexico, New Zealand, Paraguay, Trinidad and Tobago, Uzbekistan and Viet Nam

Non-members of the Union (21): Afghanistan, Algeria, Antigua and Barbuda, Cambodia, Egypt (2018), Indonesia, Iraq, Iran (Islamic Republic of), Jamaica, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Mauritius, Mongolia, Myanmar, Nigeria, Saint Vincent and the Grenadines, United Arab Emirates, Zambia and Zimbabwe

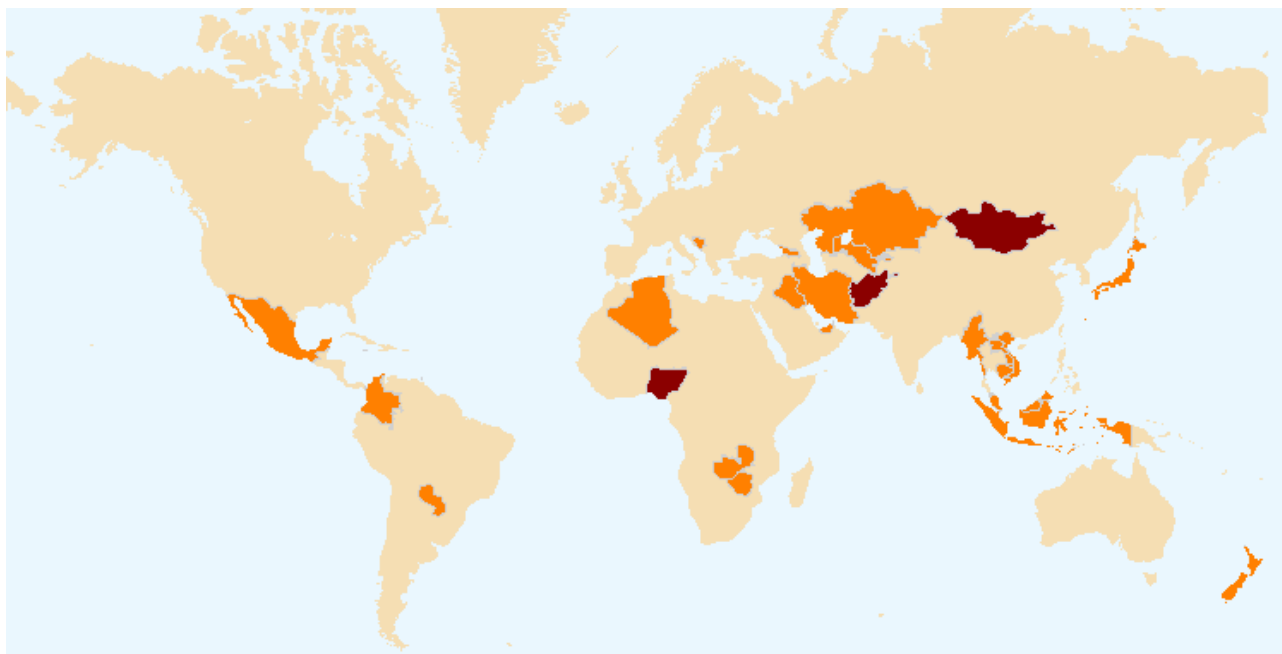
(see Figure 27)

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

Afghanistan, Mongolia, Nigeria and Saint Vincent and the Grenadines (4)

(see Figure 27)

*Figure 27. States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection and States and organizations that initiated with the Council of UPOV the procedure for becoming members of the Union*



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory.

- States and organizations that initiated with the Council of UPOV the procedure for becoming members of the Union
- States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection

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

- (i) Activities organized by, or with, UPOV: see (b) above
- (ii) Activities/meetings in which UPOV participated: see Figure 28

Location of activities/meetings where UPOV made presentations:

Argentina, Australia, Belgium, Brazil, Burkina Faso, Cameroon, China, Costa Rica, Côte d'Ivoire, Finland, France, Germany, India, Japan, Kenya, Liberia, Luxembourg, Malaysia, Mali, Netherlands, New Zealand, Nigeria, Peru, Philippines, Russian Federation, South Africa, Spain, Sweden, Switzerland, Togo, Turkey, United Kingdom, United States of America, Viet Nam, Zimbabwe

Figure 28. Location of activities/meetings where UPOV made presentations



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory.

## 2. ASSISTANCE IN DRAFTING LEGISLATION ON PLANT VARIETY PROTECTION IN ACCORDANCE WITH THE 1991 ACT OF THE UPOV CONVENTION

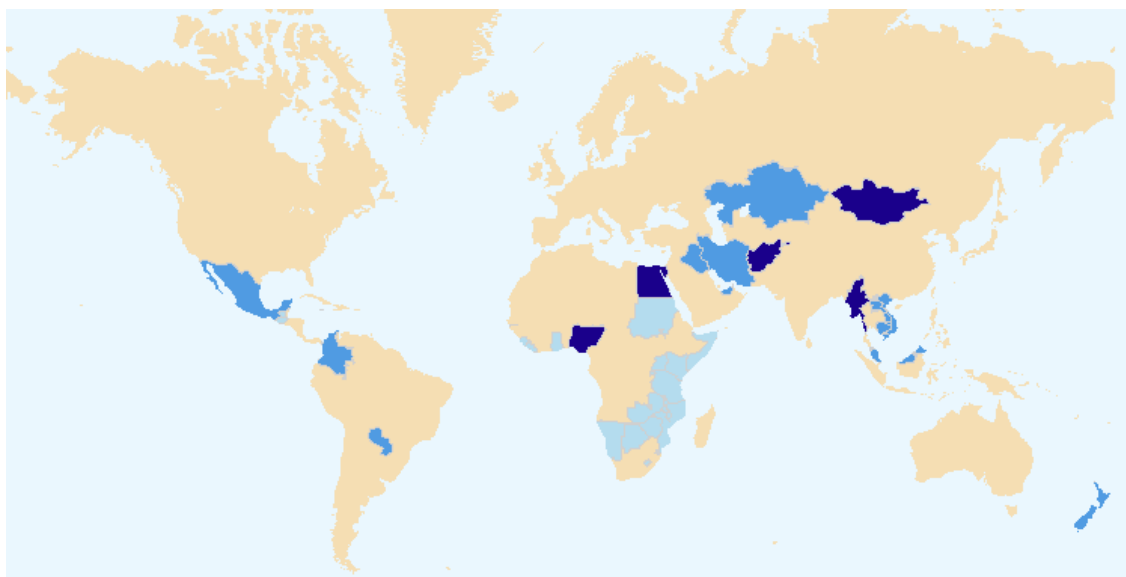
### (a) Meetings with government officials to discuss legislative matters

Members of the Union (9): Colombia, Ecuador, Georgia, Mexico, New Zealand, Paraguay, Trinidad and Tobago, Uzbekistan and Viet Nam




Non-members of the Union (22): ARIPO, Afghanistan, Antigua and Barbuda, Brunei Darussalam, Cambodia, Egypt (2018), Ghana, Guatemala, Iran (Islamic Republic of), Iraq, Jamaica, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Mongolia, Myanmar, Nigeria, Saint Vincent and the Grenadines, United Arab Emirates, Zambia and Zimbabwe

(see Figure 29)

Figure 29. Assistance provided in drafting legislation on plant variety protection



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory.

-  States and organizations which received a positive advice from the Council of UPOV
-  States and organizations provided with comments on laws
-  Meetings with government officials

(b) States and organizations provided with comments on laws<sup>1</sup>

Members of the Union (5): Colombia, Mexico, New Zealand, Paraguay and Viet Nam

Non-members of the Union (17): Afghanistan, Cambodia, Egypt (2018), Jamaica, Iran (Islamic Republic of), Iraq, Kazakhstan, Lao People's Democratic Republic, Liechtenstein, Malaysia, Mongolia, Myanmar, Nigeria, Saint Vincent and the Grenadines, United Arab Emirates, Zambia and Zimbabwe

(see Figure 30)

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

Afghanistan, Egypt, Mongolia, Myanmar, Nigeria and Saint Vincent and the Grenadines (6)

(see Figure 31)

3. ASSISTANCE TO STATES AND ORGANIZATIONS IN THE ACCESSION TO THE 1991 ACT OF THE UPOV CONVENTION

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

Belgium and Egypt (2)

(see Figure 33)

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

Egypt (1)

(see Figure 32)

Figure 30. States/Organizations provided with comments on laws

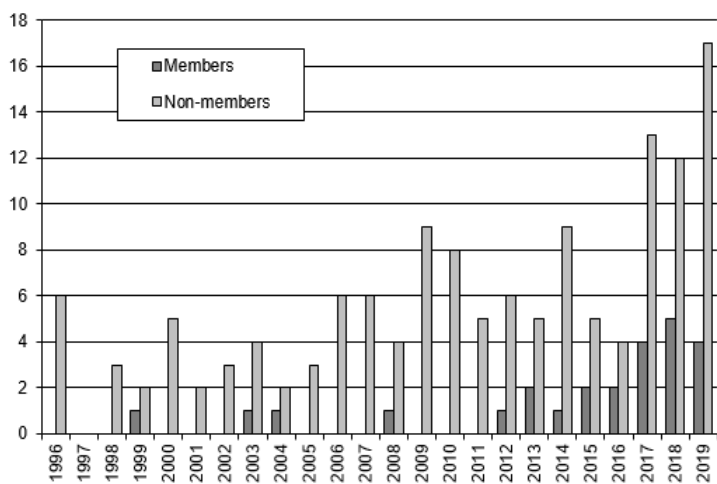
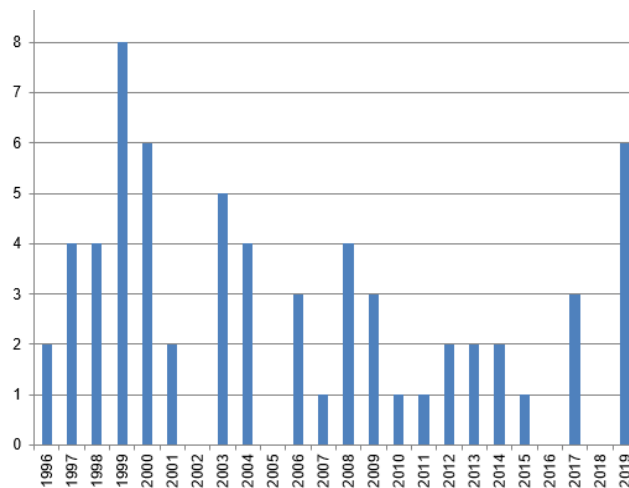


Figure 31. States/Organizations which received positive advice from the Council



<sup>1</sup> Provision of detailed comments on laws and/or assistance in the development of laws.



Figure 32. New members of the Union

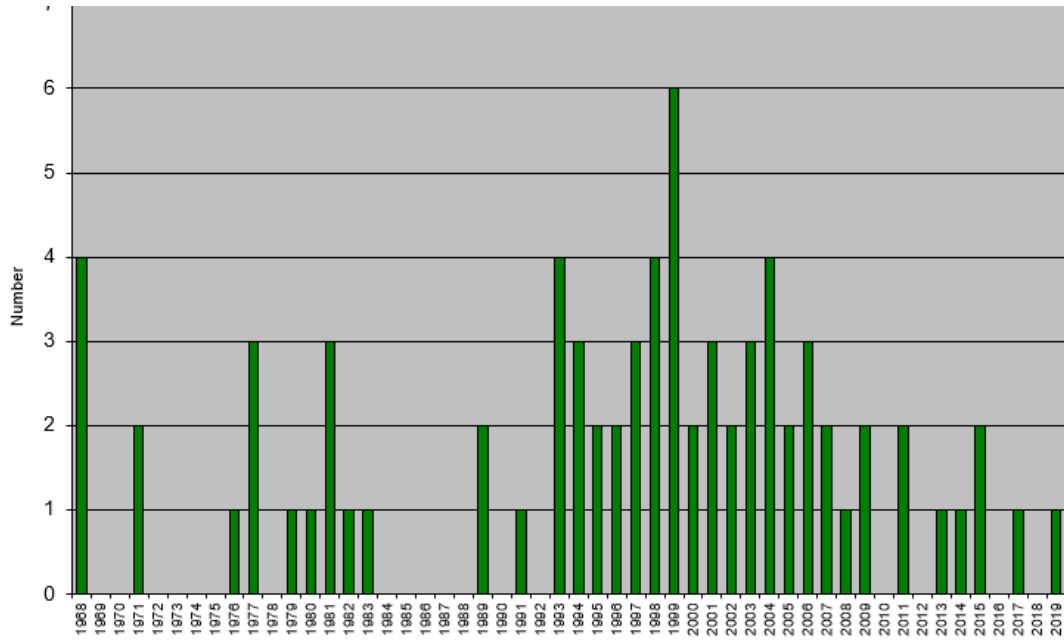
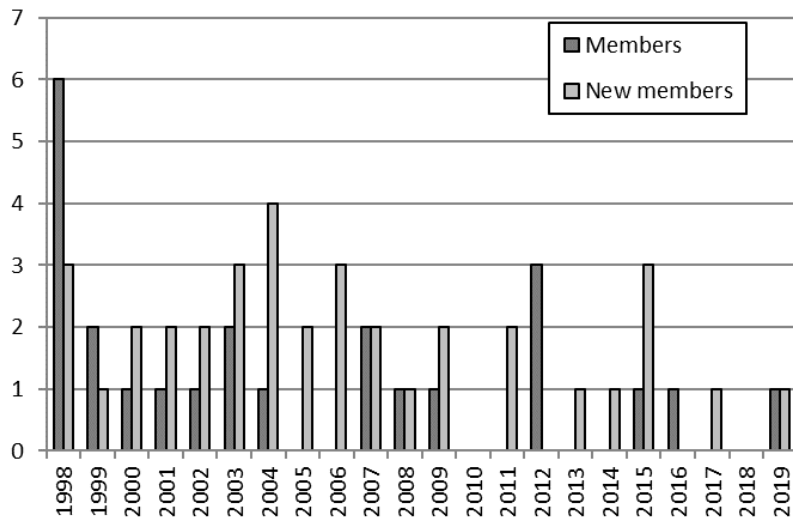


Figure 33. Accession to/ratification of the 1991 Act



4. ASSISTANCE IN IMPLEMENTING AN EFFECTIVE PLANT VARIETY PROTECTION SYSTEM IN ACCORDANCE WITH THE UPOV CONVENTION

(a) Participation in distance learning courses

*Number of participants in main sessions of UPOV distance learning courses in 2018 and 2019 by category*

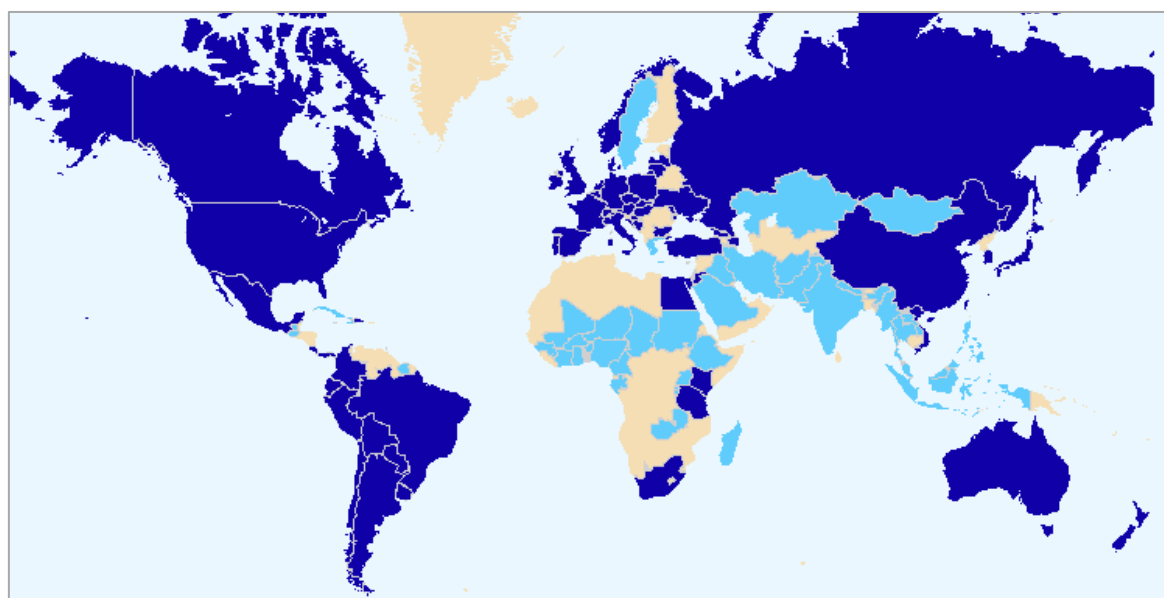
Category	Number of participants				
	DL-205	DL-305	DL-305A	DL-305B	Total
Category 1: Government officials of members of the Union	587	174	116	96	973
Category 2: Officials of observer States / intergovernmental organizations	95	10	6	7	118
Category 3: Others (Fee: CHF1,000)	32	4	2	1	39
Category 4: Discretionary waiving of fee for selected students	28	3	3	2	36
<b>Total:</b>	<b>742</b>	<b>191</b>	<b>127</b>	<b>106</b>	<b>1,166</b>

List of countries and organizations from which there were participants in all distance learning sessions in 2018 and 2019

Afghanistan, Argentina, Australia, Austria, Azerbaijan, Barbados, Belgium, Benin, Bolivia (Plurinational State of), Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Burundi, Cameroon, Canada, Chad, Chile, China, Colombia, Costa Rica, Côte d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, Ethiopia, France, Gabon, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Haiti, Hungary, India, Indonesia, Iran (Islamic Republic of), Iraq, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Lao People's Democratic Republic, Latvia, Lithuania, Madagascar, Malaysia, Mali, Mexico, Mongolia, Myanmar, Nepal, Netherlands, New Zealand, Niger, Nigeria, Norway, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Republic of Korea, Republic of Moldova, Russian Federation, Rwanda, Saint Vincent and the Grenadines, Saudi Arabia, Senegal, Singapore, Slovakia, South Africa, Spain, Sudan, Suriname, Sweden, Switzerland, Thailand, Togo, Trinidad and Tobago, Turkey, Uganda, Ukraine, United Kingdom, United Republic of Tanzania, United States of America, Uruguay, Viet Nam, Zambia, ARIPO, European Union, FAO, OAPI

(total: 102 countries and 4 organizations)

*Figure 34. UPOV DL-205, DL-305, DL-305A and DL-305B Courses: 2018 and 2019 participation*



The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory.

■ Members of the Union      ■ Non-members of the Union

Total number of participants by category in regular DL-205 sessions since 2006

Category	Number of students
Category 1: Government officials of members of the Union nominated by the relevant representative to the UPOV Council	4,388
Category 2: Officials of observer States / intergovernmental organizations nominated by the relevant representative to the UPOV Council	385
Category 3: Others	268
Category 4: Discretionary waiving of fee for selected students	123
<b>Total:</b>	<b>5,164</b>

Figure 35. Participants in the main sessions of the DL-205 Course by registration category

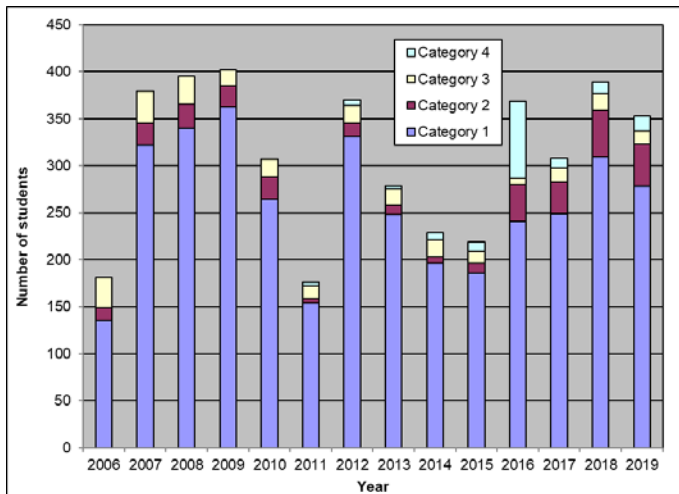


Figure 36. Participants in the main sessions of the DL-205 Course by language

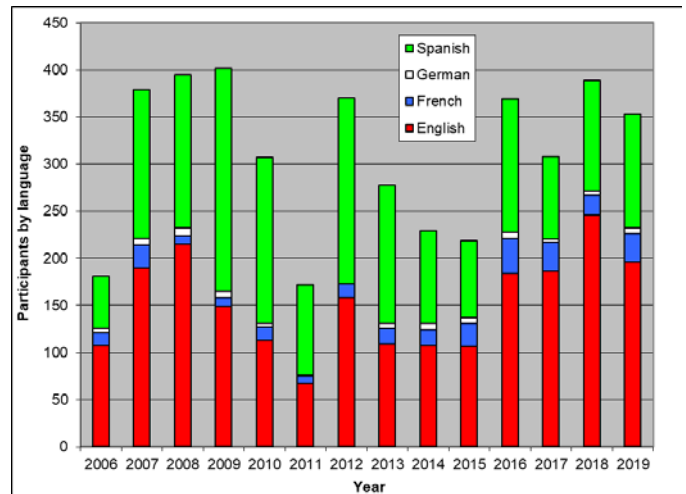


Figure 37. Participants in the main sessions of the DL-305, 305A, 305B Courses by registration category

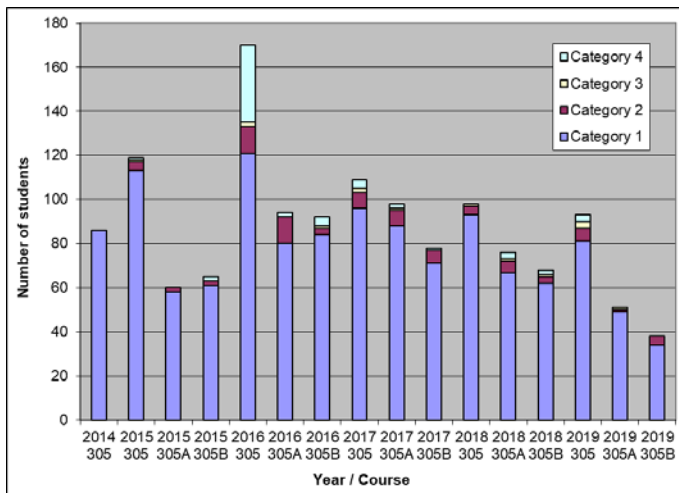
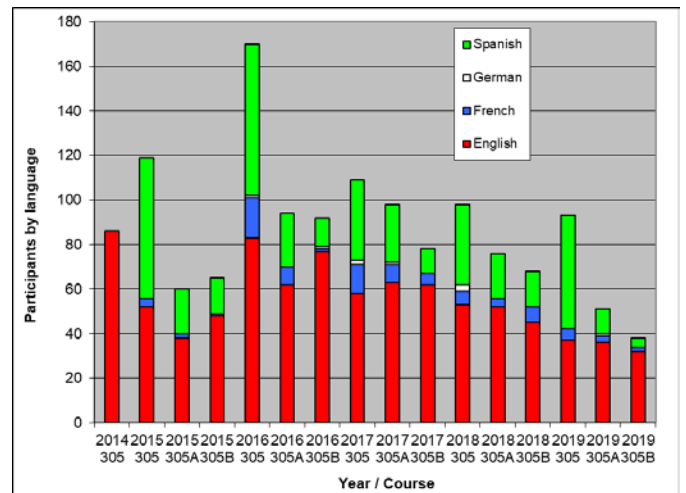


Figure 38. Participants in the main sessions of the DL-305, 305A, 305B Courses by language



Special sessions of DL-205 in 2018 and 2019

Year	Name of Course	Number of participants
2018	La Salle Beauvais University - IP Plant Breeding Master Programme	7
2018	OAPI Masters IP Training Course	24
2018	Maastricht University Advanced Master Intellectual Property Law and Knowledge Management	16
2018	KOICA Training Course on Plant Variety Protection	9
2018	Forum on the role of UPOV in the development of agriculture	2
2018	Máster Lvcentinvs in Plant Variety Protection, Alicante University, Spain	32
2019	La Salle Beauvais University - IP Plant Breeding Master Programme	21
2019	OAPI Masters IP Training Course	27
2019	Naktuinbouw International Course on Plant Variety Protection Course (Netherlands)	23
2019	Maastricht University Advanced Master Intellectual Property Law and Knowledge Management	19
2019	JICA Training Course on "Internationally Harmonized Plant Variety Protection System"	6
2019	Workshop on drafting legislation in accordance with the UPOV Convention	3
	<b>Total:</b>	<b>189</b>

	English	French	German	Spanish
DL-205 special sessions, 2018-2019: Total number of participants, by language	122	51	0	24

(b) Training of trainers

See Annex to this document.

(c) Training activities developed in conjunction with UPOV

See Annex to this document.

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

See Sub-Program UV.2, Section 1 "Participation by members of the Union and observers in the work of the UPOV bodies", sub-sections (a) to (d)

(e) Participation in UPOV activities

See Annex to this document.

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

See Annex to this document.

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

See Annex to this document.

(h) Implementation of projects with partner organizations and donors

World Seed Partnership:

- In 2018: 5 electronic meetings, 4 face-to-face meetings of the Steering Committee
- In 2019: 9 electronic meetings of the Steering Committee (no face-to-face meeting was held)

## 2.4 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.

A significant development in 2019 was the introduction of the @UPOVint and @vsgupov Twitter accounts, combined with the use of the UPOV LinkedIn account (including UPOV PRISMA Showcase page). From March 2019 to May 2020, UPOV posted more than 1,000 tweets and gained more than 1,000 followers on Twitter. During that same period, the combined UPOV Twitter accounts registered more than: 500,000 "impressions"; 10,000 "engagements"; 2,000 "likes" and 1,000 "retweets". The number of UPOV website visitors ("visits") and sessions since the launch of UPOV's social media accounts in March, provides some evidence of a positive impact on outreach of the UPOV website, in addition to the additional direct outreach from social media postings

The publication of a series of videos produced in Canada, China, Colombia Kenya, Japan and Peru, covering cherry, rose, rice and other crops, provided an important new source of information on the benefits of plant variety protection and UPOV membership. This material also provides important information for use in UPOV's various outreach activities.

As a part of the Communication Strategy, the Council agreed a revised text of the FAQ "What are the benefits of new varieties of plants for society?"

### 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.

### 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

- Launch of @UPOVint and @vsgupov Twitter accounts
- Launch of a UPOV LinkedIn account (including UPOV PRISMA Showcase page)
- UPOV Video: "Canadian cherry growers benefit from government policy"
- UPOV Video: "Rose industry blooming in Kenya"
- UPOV Video: "Tsuyahime rice, the secret of its success" Tsuyahime Rice"
- Colombia: "UPOV system bringing benefits for agriculture in Colombia"
- China: "Celebration of the twentieth anniversary of the accession of China to UPOV Convention"
- Peru "The plant variety protection system: the benefits for the development of the rice sector in Peru"
- FAQ on the benefits of new varieties of plants for society
- Updated editions of the information leaflet "What it is, What it does" on UPOV and plant variety protection in English, French, German and Spanish (Publication No. 437)
- 11 press releases

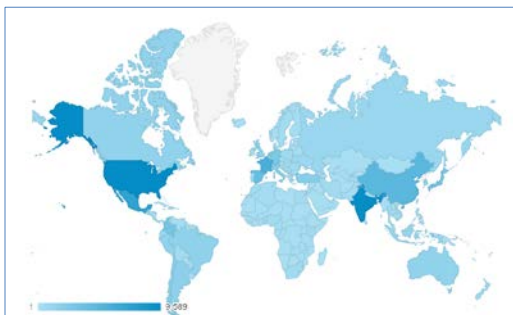
##### (b) Visits to UPOV website

	2019	2018 <sup>2</sup>	2017 <sup>3</sup>	2016	2015	2014
Number of sessions:	186,155	173,882	177,469	200,539	191,534	187,125
Unique users:	92,966	85,002	84,393	88,906	86,366	86,291
Number of pageviews:	683,097	672,169	857,442	1,153,307	1,087,382	1,127,786
Number of pages/visit:	3.67	3.87	4.83	5.75	5.68	6.03
Average visit duration:	00:03:53	00:03:48	00:04:30	00:05:13	00:05:15	00:06:00
Percentage of new visits:	80%	79.8%	79.4%	42.70%	43.21%	44.19%

<sup>2</sup> Statistics concerning GENIE are only available from July to December 2019 (due to configuration changes).

<sup>3</sup> The methodology in google analytics for calculating the exclusion of internal traffic & 'bots' changed in January 2017. The new methodology was used to produce the website statistics for 2017.

Website Overview: Global Coverage in 2019



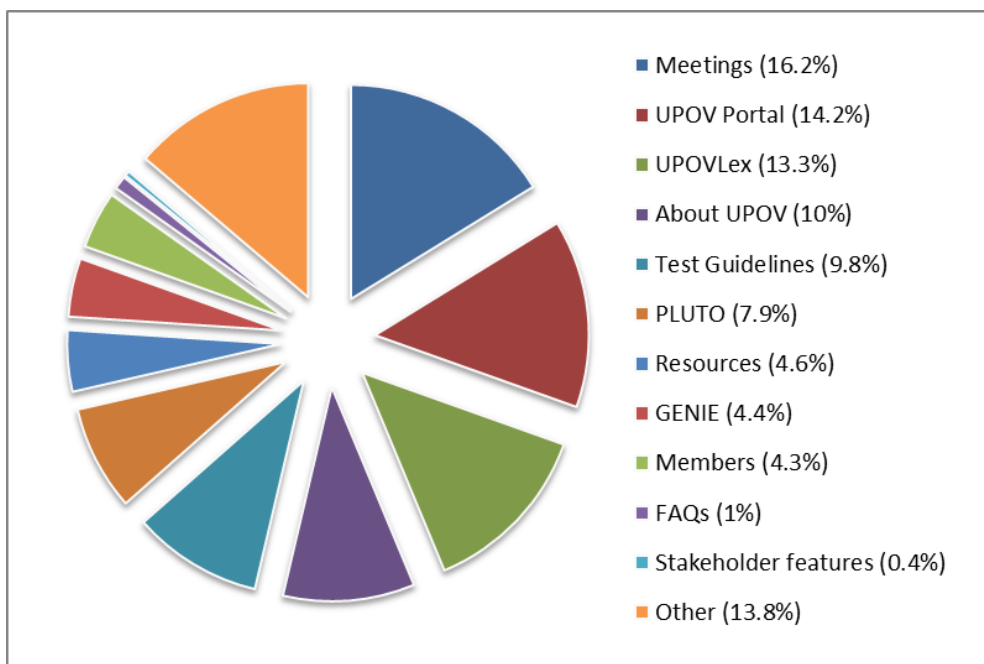
Sessions by country:

1. United States of America (8.22%)
2. India (6.69%)
3. Mexico (6.49%)
4. France (5.94%)
5. Japan (4.64%)
6. China (4.18%)
7. Spain (4.06%)
8. Netherlands (3.58%)
9. Germany (3.10%)
10. Colombia (2.40%)

Language of visitor's browser	2019		2018		2017		2016		2015	
	Sessions	%	Sessions	%	Sessions	%	Sessions	%	Sessions	%
1. en-us	52,371	28.13%	47,702	27.43%	48,128	30.39	60,689	42.11	66,347	39.58
2. es-es	21,555	11.58%	17,042	10.78%	6,091	(3.45)3.43	7,273	49.06	7,972	4.16
3. en-gb	11,992	6.44%	10,494	6.08%	10,062	5.78	8,639	45.87	6,743	3.52
4. fr-fr	10,242	5.50%	8,600	4.49%	5,185	(2.52)2.92	5,502	42.31		
5. zh-cn	8,318	4.47%	6,564	3.73%	5,349	(3.13)3.01				
6. es-419	6,937	3.73%	6,442		6,542	(4.76)3.69	5,605	57.38		
7. fr	3,902	2.10%	5,674	3.54%	9,471	5.71				
8. tr-tr	3,669	1.97%								
9. it-it	3,278	1.76%								
10. es-us	2,714	1.46%								
Total:	121,313		173,882		177,469		200,539		191,534	

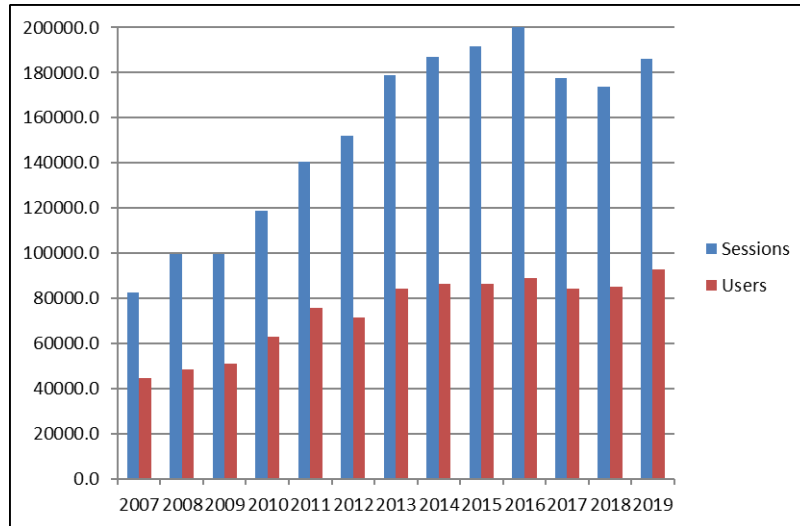
1. en-us: American English; 2. es-es: Castilian Spanish; 3. en-gb: British English; 4. fr-fr (France); 5. zh-cn: Chinese; 6. es-419: Spanish (Latin America and the Caribbean); 7. fr: French; 8. tr-tr: Turkish (Turkey); 9. it-it: Italian (Italy); 10. es-us: Spanish (United States of America)

Website Overview for 2019: Where are the users going?



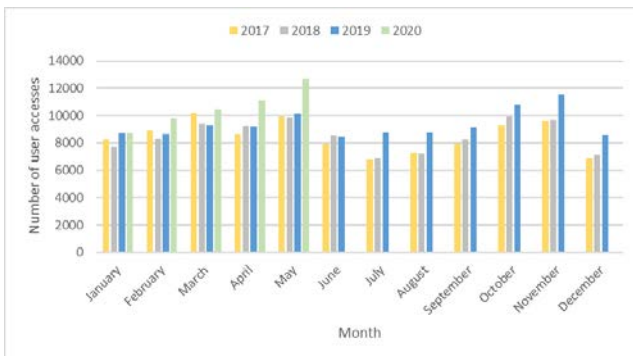
Note: Statistics concerning GENIE are not available for 2018 due to configuration changes. Statistics concerning GENIE are available for the period July to December only in 2019.

Number of sessions and users of the UPOV site since 2007

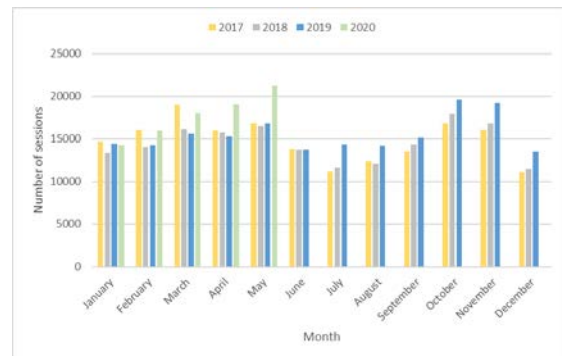


One of the impacts that was anticipated from the use of social media was to increase the awareness and visits to the UPOV website. The number of UPOV website visitors (“visits”) and sessions, presented below, provides some evidence of a positive impact since the launch of UPOV’s social media accounts.

Number of visits<sup>a</sup> to the website



Number of sessions<sup>a</sup> on the website



Summary of most popular website features for the past five years (Pageviews)

	2019	2018	2017	2016	2015
UPOV LEX	90,757	92,199	82,861	85,374	80,382
GENIE	*30,251	*	72,756	76,990	67,175
PLUTO	54,088	53,154	69,457	90,630	80,283
Test Guidelines	67,012	63,172	66,567	61,966	64,425

Note: Statistics concerning GENIE are not available for 2018 due to configuration changes. Statistics concerning GENIE are available for the period July to December only in 2019.

Devices used to consult the UPOV Website between 2015 and 2019 (sessions)

	2019	2018	2017	2016	2015
Desktop	151,180 (81%)	148,607 (85%)	155,520 (88%)	178,284 (89%)	175,755 (92%)
Mobile	30,424 (16%)	20,944 (12%)	18,499 (10%)	17,971 (9%)	11,645 (6%)
Tablet	4,551 (2%)	4,331 (2%)	3,450 (2%)	3,848 (2%)	4,134 (2%)

## 2. ENHANCE UNDERSTANDING OF UPOV'S ROLE AND ACTIVITIES FOR STAKEHOLDERS

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

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

### (b) Stakeholder-focused features on the UPOV website

*Visits to the UPOV Website in 2019*

2,514 pageviews (0.37% of total pageviews on UPOV website (683,097 pageviews))

Language	Pageviews	Unique pageviews
English	1,624	1,264
Spanish	670	504
French	160	126
German	60	55

### (c) Participation by stakeholders in seminars and symposia

See Annex to this document.

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

See Annex to this document.

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

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

## 3. ENHANCE UNDERSTANDING OF UPOV'S ROLE AND ACTIVITIES WITH OTHER ORGANIZATIONS

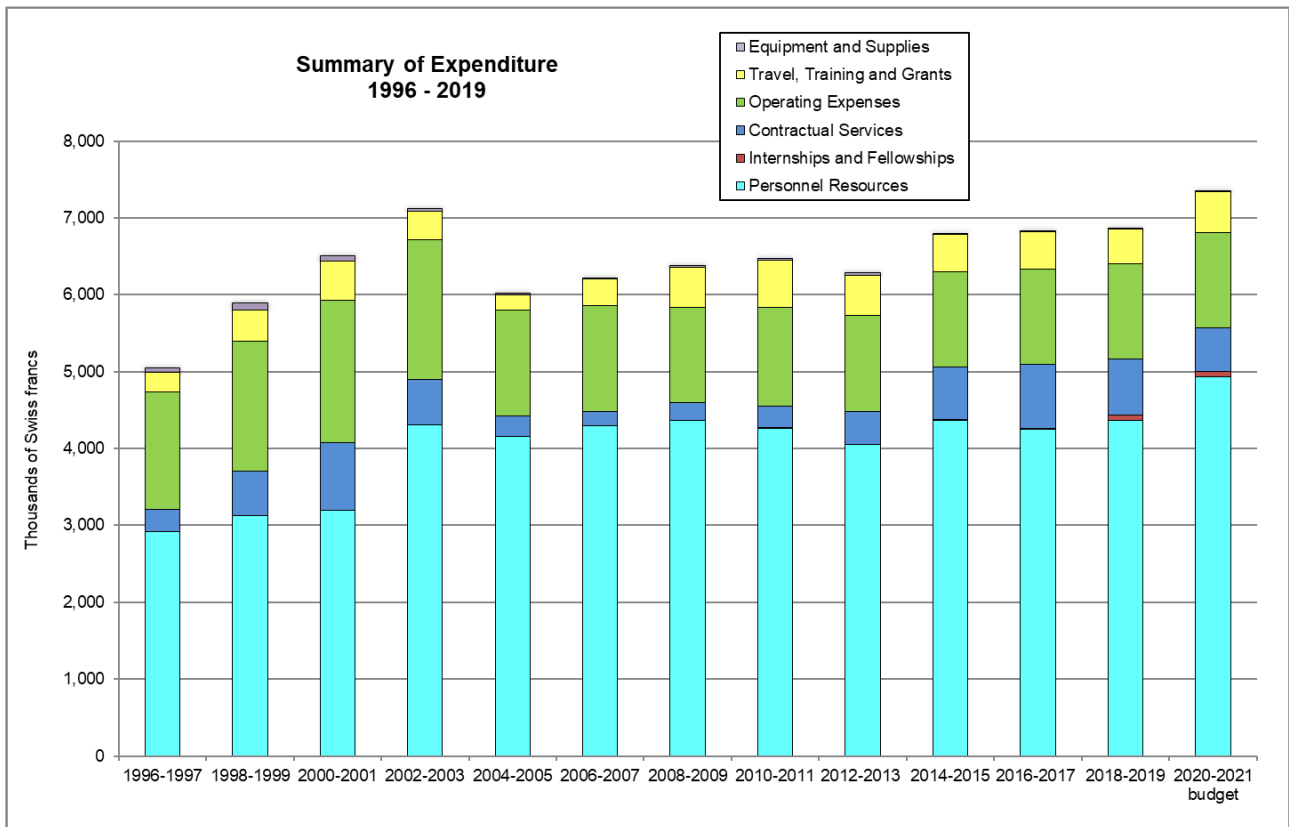
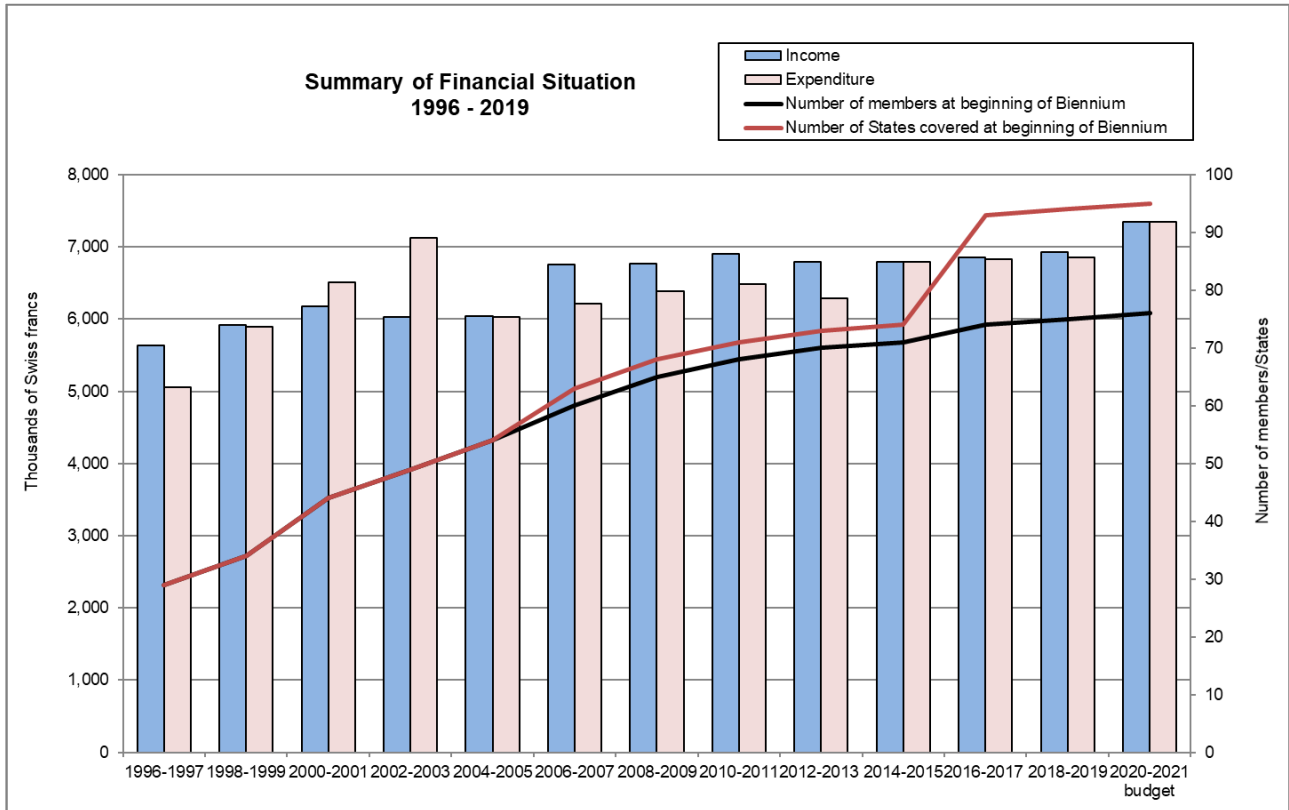
### (a) Participation at meetings of, and with, relevant organizations

See Annex to this document.



### 3. FINANCIAL PERFORMANCE

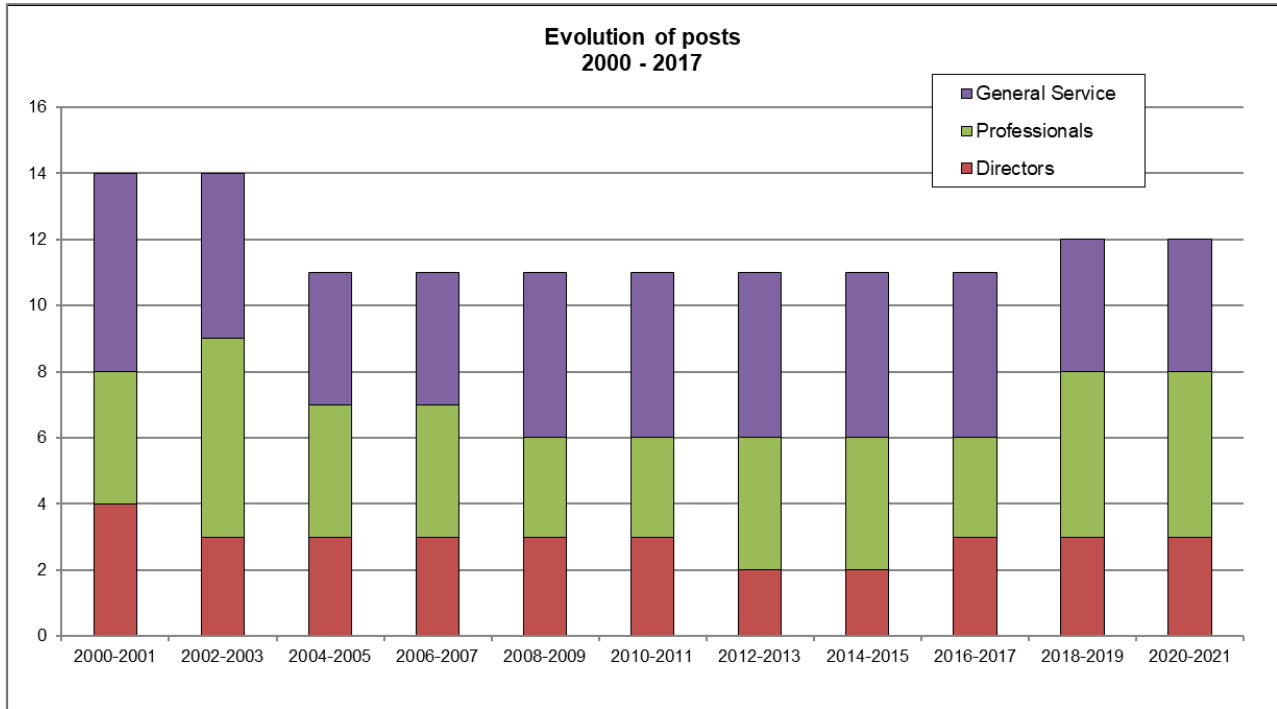
This section provides an overview of financial performance of the Office of the Union on a budgetary basis, using the “actual” figures as stated in the Program and Budget documents for relevant biennia. Further detailed information and the number of posts are provided in documents C/54/4 “Financial Management Report for the 2018-2019 Biennium”.



The following table and graph summarizes, at the end of each biennium, the evolution of posts of the Office of the Union.

Post Category	2000-2001	2002-2003	2004-2005	2006-2007	2008-2009	2010-2011	2012-2013	2014-2015	2018-2019	2020-2021
Directors*	4	3	3	3	3	3	2	2	3	3
Professionals	4	6	4	4	3	3	4	4	3	5
General Service	6	5	4	4	5	5	5	5	5	4
Total	14	14	11	11	11	11	11	11	11	12

\* The posts of the Secretary-General and Vice Secretary-General are included in this count.



[Annex follows]

## ANNEX

## LIST OF MISSIONS\* AND ACTIVITIES, AND CONTRIBUTION TO PERFORMANCE INDICATORS IN 2018-2019

Description of the Performance Indicators presented in the table below (see Annex III of documents C/53/2 and C/54/2):

<b>UV.3 – 1(a)</b>	States and organizations provided with information at UPOV activities	<b>UV.3 – 4(e)</b>	Participation in UPOV activities
<b>UV.3 – 1(d)</b>	Participation in UPOV awareness-raising activities, or activities involving UPOV staff or UPOV trainers on behalf of UPOV staff	<b>UV.3 – 4(f)</b>	Participation in activities involving UPOV staff or UPOV trainers on behalf of UPOV staff
<b>UV.3 – 2(a)</b>	Meetings with government officials to discuss legislative matters	<b>UV.3 – 4(g)</b>	Courses featuring the UPOV system of plant variety protection
<b>UV.3 – 4(b)</b>	Training of trainers	<b>UV.3 – 4(h)</b>	Implementation of projects with partner organizations and donors
<b>UV.3 – 4(c)</b>	Training activities developed in conjunction with UPOV	<b>UV.4 – 2(c)</b>	Participation by stakeholders in seminars and symposia
<b>UV.3 – 4(d)</b>	Participation by observer States and organizations in the CAJ, TC, TWP's and the associated preparatory workshops	<b>UV.4 – 2(d)</b>	Participation at meetings of, and with, relevant stakeholders
		<b>UV.4 – 3(a)</b>	Participation at meetings of, and with, relevant organizations

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

\* Missions relate to events held outside UPOV headquarters.

<sup>4</sup> A list of acronyms and abbreviations is provided in the Appendix.



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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
32	15-05-18	17-05-18	KOICA/KSVS Training Course on Plant Variety Protection and DUS Testing	Gimcheon	Republic of Korea	Huerta	X	KOICA, KSVS, UPOV	1	1			1							
33	16-05-18	16-05-18	Coordination meeting of TWC work	Paris	France	Button, Taveira	X	UPOV					1							
34	19-05-18	19-05-18	Seminar on the implementation of the UPOV 1991 Act	Nairobi	Kenya	Taveira	X	KEPHIS	1	1			1		1			1		
35	21-05-18	21-05-18	TWA/47 Preparatory Workshop	Naivasha	Kenya	Taveira, Oertel, May	X	UPOV					1							
36	21-05-18	25-05-18	Technical Working Party for Agricultural Crops (TWA/47)	Naivasha	Kenya	Taveira, Oertel, May	X						1							
37	23-05-18	23-05-18	Study visit to Geneva of students of the Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation	Geneva	Switzerland	Huerta, Motomura, Taveira		WIPO, PRV, Sida	1	1			1		1					
38	28-05-18	28-05-18	WFO 2018 General Assembly	Moscow	Russian Federation	Button		WFO											1	
39	28-05-18	28-05-18	Visit to the State Commission of the Russian Federation for Selection Achievements Test and Protection	Moscow	Russian Federation	Button		Russian Federation	1											
40	03-06-18	06-06-18	ISF World Seed Congress 2018	Brisbane	Australia	Button, Rovere		ISF											1	
41	05-06-18	05-06-18	WIPO QUT Master of Laws (LL.M) in Intellectual Property	Brisbane	Australia	Button		WIPO, QUT of Australia	1	1					1					
42	05-06-18	05-06-18	Meeting of the Council for TRIPS	Geneva	Switzerland	Taveira		WTO												1
43	05-06-18	06-06-18	Seminar on legal protection of new plant varieties	Tashkent	Uzbekistan	Huerta, Motomura	X	IPA of Uzbekistan	1	1	1							1		
44	05-06-18	06-06-18	SeedConnect Conference	Abuja	Nigeria	Rivoire		NASC of Nigeria											1	
45	07-06-18	08-06-18	Visit to IP Office, Canberra, Australia	Canberra	Australia	Button	X	IP Australia, UPOV	1											
46	11-06-18	12-06-18	Visit to IP Office, Wellington, New Zealand	Wellington	New Zealand	Button	X	IPONZ, UPOV	1									1		
47	14-06-18	14-06-18	Plant Variety Protection Debates: Connecting Law, Science and Social Science	Warwick	United Kingdom	Huerta		University of Warwick										1		
48	15-06-18	15-06-18	Eighth edition of the Annual Agri-Food Law Seminar	Brussels	Belgium	Huerta		ALTIUS										1		
49	18-06-18	22-06-18	Forum on the role of UPOV in the development of agriculture	Geneva (UPOV HQ)	Switzerland		X	UPOV, WIPO, MAFF of Japan	1	1	1		1		1			1		
50	19/06/18 25/06/18	19/06/18 25/06/18	21st International Course on Plant Variety Protection (training session on UPOV)	Wageningen	Netherlands	Huerta	X	Naktuinbouw	1	1	1		1					1		
51	25-06-18	25-06-18	WIPO-WTO Colloquium for Teachers of Intellectual Property	Geneva	Switzerland	Rivoire		WIPO, WTO	1	1			1		1					



	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
65	01-08-18	01-08-18	11th Annual Meeting of the East Asia Plant Variety Protection Forum	Muntinlupa	Philippines	Button, Motomura	X	EAPVP Forum, JATAFF	1	1										
66	02-08-18	02-08-18	International Seminar on the Benefits of Plant Variety Protection under the UPOV System	Muntinlupa	Philippines	Button, Motomura	X	PVP Office of the Philippines, MAFF of Japan, EAPVP Forum, UPOV	1	1					1			1		
67	15-08-18	17-08-18	Legal consultations with responsible authorities to provide assistance with the process of amending the Protection of New Plant Varieties Act 2004 of Malaysia	Putrajaya	Malaysia	Button, Huerta	X	Department of Agriculture of Malaysia	1	1	1									
68	23-08-18	24-08-18	Regional Workshop on examination of PVP applications	Lima	Peru	Taveira	X	IPKey Latin America, UPOV, INDECOPI, CPVO, EUIPO	1	1					1					
69	27-08-18	29-08-18	Regional Seminar on Plant Variety Protection under the 1991 Act of the UPOV Convention: benefits of public-private partnerships for transfer of technology	Lima	Peru	Taveira	X	IPKey Latin America, UPOV, INDECOPI, CPVO, Comunidad Andina, EUIPO	1	1								1		
70	27-08-18	31-08-18	Thirty-seventh session of the WIPO IGC	Geneva	Switzerland	Motomura		WIPO												1
71	30-08-18	30-08-18	Conference on "Encouraging Plant Breeding, Challenges and Perspectives", at the official launch of the Erasmus Mundus Master Program in Plant Breeding – emPLANT	Beauvais	France	Rivoire		Institut Polytechnique LaSalle Beauvais								1				
72	30-08-18	31-08-18	Seminar on Breeders' Rights under the UPOV Convention and benefits for the promotion of public-private partnerships and transfer of technology	Quito	Ecuador	Taveira	X	IPKey Latin America, UPOV, SENADI, CPVO, Comunidad Andina, EUIPO	1	1								1		
73	06-09-18	06-09-18	CIOPORA Academy Workshop	Washington D. C.	United States of America	Rivoire		CIOPORA											1	
74	07-09-18	07-09-18	Visit to PVP Office, USDA	Washington D. C.	United States of America	Rivoire		USDA	1											
75	10-09-18	13-09-18	Working Group on Biochemical and Molecular Techniques and DNA-Profiling in Particular (BMT/17)	Montevideo	Uruguay	Button, Motomura, Taveira, Han	X	UPOV						1						

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
76	11-09-18	14-09-18	First meeting of the Ad Hoc Technical Expert Group (AHTEG) on Farmers' Rights of the ITPGRFA	Rome	Italy	Huerta		ITPGRFA												1
77	14-09-18	14-09-18	Visit to FAO Legal Office	Rome	Italy	Huerta		FAO									1			1
78	17-09-18	17-09-18	TWV/52 Preparatory Workshop	Beijing	China	Rivoire, Oertel, Han	X	UPOV					1							
79	17-09-18	21-09-18	Technical Working Party for Vegetable Crops (TWV/52)	Beijing	China	Rivoire, Oertel, Han	X	UPOV						1						
80	19-09-18	19-09-18	CPVO Administrative Committee meeting	Sofia	Bulgaria	Button		CPVO												1
81	20-09-18	20-09-18	Seminar on the Benefits of Plant Variety Protection	Sofia	Bulgaria	Button		CPVO	1	1								1		1
82	21-09-18	21-09-18	Advanced Training Programme on Intellectual Property and Genetic Resources in Support of Innovation	Geneva	Switzerland	Huerta, Motomura		WIPO, PVR, Sida	1				1			1				
83	24-09-18	02-10-18	Fifty-Eighth Series of Meetings of the WIPO Assemblies	Geneva	Switzerland	Huerta		WIPO												1
84	25-09-18	26-09-18	International Seminar on New Plant Variety Protection, as part of the Celebration of the 60th Anniversary of the Establishment of the Agriculture Research Institute of Beijing	Beijing	China	Button, Han		MARA of China	1									1		
85	25-09-18	25-09-18	World Seed Partnership (WSP) meeting	Nay Pyi Taw	Myanmar	Huerta, Rivoire	X	WSP (ISF, ISTA, OECD, UPOV), WFO, MOALI, Netherlands										1		
86	26-09-18	26-09-18	Fourth National Seed Committee meeting	Nay Pyi Taw	Myanmar	Huerta, Rivoire		MOALI, ISSD, Wageningen University	1	1										
87	27-09-18	27-09-18	Legal Consultation with relevant authorities of Myanmar	Nay Pyi Taw	Myanmar	Huerta, Rivoire	X	MOALI	1	1	1									
88	08-10-18	10-10-18	European Seed Association Annual Meeting	Madrid	Spain	Button, Rovere		ESA											1	
89	08-10-18	08-10-18	Meeting of the WSP Steering Committee and WFO	Madrid	Spain	Button	X	WSP (ISF, ISTA, OECD, UPOV), WFO									1			
90	09-10-18	11-10-18	Workshop on "Strengthening the knowledge of effective implementation of the Plant Breeders' Rights system in the Sultanate of Oman"	Muscat	Oman	Rivoire		DGALR of Oman, WIPO	1	1	1		1							
91	10-10-18	10-10-18	Master of Laws (LL.M.) in Intellectual Property (WIPO/University of Turin/ITC-ILO)	Geneva	Switzerland	Huerta		WIPO, University of Turin, ITC-ILO					1			1				
92	11-10-18	11-10-18	First Pilot Project Meeting for Regional Cooperation	Hanoi	Viet Nam	Button, Motomura	X	EAPVP Forum							1					











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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
170	14/06/19	14/06/19	Ninth edition of the Annual Agri-Food Law Seminar	Brussels	Belgium	Huerta		ALTIUS											1	
171	14/06/19	14/06/19	Study visit for a Chinese delegation to CPVO and UPOV	Geneva	Switzerland	Button, Rivoire, Madhour, Motomura	X	IP Kea SEA, CPVO, UPOV	1	1										
172	17/06/19	21/06/19	Fortieth session of the WIPO IGC	Geneva	Switzerland	Huerta, Motomura		WIPO												1
173	17/06/19	21/06/19	International Course on Plant Variety Protection	Wageningen	Netherlands	Huerta, Santos	X	Naktuinbouw		1	1		1			1				
174	19/06/19	21/06/19	JICA Training Course "Plant Variety Protection and Quality Control System of Seeds to Facilitate Distribution of High Quality Seeds"	Tsukuba	Japan	Motomura	X	JICA		1	1		1			1				
175	20/06/19	20/06/19	Meeting on the use of DUS characteristics for enforcement purposes	Roelofarendsveen	Netherlands	Button, Taveira	X	UPOV							1					
176	24/06/19	28/06/19	Technical Working Party for Fruit Crops (TWF/50)	Budapest	Hungary	Rivoire, Oertel, May	X	UPOV						1						
177	26/06/19	26/06/19	WIPO-WTO Colloquium for Teachers of Intellectual Property	Geneva	Switzerland	Huerta, Taveira		WIPO, WTO		1			1			1				
178	29/06/19	29/06/19	Joint ISTA/OECD/UPOV Workshop on Molecular Techniques	Hyderabad	India	Taveira	X	ISTA, OECD, UPOV					1					1		
179	29/06/19	01/07/19	32nd ISTA Congress	Hyderabad	India	Taveira		ISTA											1	
180	08/07/19	10/07/19	Kick-off meeting on "Innovation in Plant Variety Testing in Europe" (INVITE project)	Angers	France	Taveira		INRA											1	
181	09/07/19	09/07/19	OAPI kick-off meeting on the reinforcement and promotion of the PVP system in OAPI and its member States	Brussels	Belgium	Rivoire		OAPI		1										1
182	12/07/19	12/07/19	IP Delegation Network meeting at the Directorate-General for Trade of the European Commission	Brussels	Belgium	Huerta		European Commission												1
183	16/07/19	16/07/19	Study Visit for Senior Lebanese Officials at WIPO headquarters	Geneva	Switzerland	Rivoire		WIPO		1										
184	16/07/19	16/07/19	Meeting with MAFF of Japan	Tokyo	Japan	Button	X	MAFF of Japan, UPOV					1							
185	18/07/19	19/07/19	Meeting with the Plant Variety Rights Office, Intellectual Property Office of New Zealand	Wellington	New Zealand	Button	X	IPONZ, UPOV	1											
186	22/07/19	23/07/19	WIPO-QUT Master of Laws (LL.M) in Intellectual Property	Brisbane	Australia	Button		WIPO, QUT of Australia		1						1				
187	29/08/19	30/08/19	Meeting on "Building capacity and raising awareness of the OAPI PVP System"	Yaoundé	Cameroon	Madhour		OAPI	1	1										1
188	30/08/19	30/08/19	JICA Training - Q&A session	Tsukuba	Japan	Motomura		JICA		1			1			1				
189	03/09/19	04/09/19	Third EAPVP Pilot Project Meeting	Hanoi	Viet Nam	Button, Motomura, Tran	X	EAPVP Forum							1		1			
190	04/09/19	04/09/19	UPOV PRISMA Workshop	Eindhoven	Netherlands	Rivoire, Madhour	X	VanBerlo, UPOV					1					1		
191	06/09/19	06/09/19	Seminar on Plant Variety Protection	Da Nang	Viet Nam	Motomura, Tran		MARD of Viet Nam	1	1			1					1		

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
192	09/09/19	11/09/19	Seventh Seeds Congress of the Americas	Buenos Aires	Argentina	Button, Taveira		SAA											1	
193	09/09/19	11/09/19	CORAF training course on plant variety protection	Abidjan	Côte d'Ivoire	Rivoire		CORAF/WECARD		1			1						1	
194	12/09/19	12/09/19	Meeting with the Ministry of Agriculture and Rural Development of Côte d'Ivoire	Abidjan	Côte d'Ivoire	Rivoire	X	MARD of Côte d'Ivoire, UPOV	1		1									
195	16/09/19	20/09/19	Technical Working Party for Agricultural Crops (TWA/48)	Montevideo	Uruguay	Taveira, Oertel	X	UPOV						1						
196	17/09/19	17/09/19	CIOPORA Board Meeting	Frankfurt	Germany	Button		CIOPORA											1	
197	18/09/19	18/09/19	Legal consultation in the SNICS	Mexico city	Mexico	Huerta	X	SNICS of Mexico			1									
198	19/09/19	19/09/19	Seminar on breeders' rights	Mexico city	Mexico	Huerta	X	SNICS of Mexico	1	1			1						1	
199	19/09/19	19/09/19	CPVO Administrative Council meeting	Brussels	Belgium	Button		CPVO												1
200	23/09/19	27/09/19	OAPI training course on plant variety protection	Lomé	Togo	Rivoire	X	OAPI		1			1						1	
201	23/09/19	27/09/19	IP Kea SEA "Study Visit on Plant Variety Protection and UPOV 1991"	Angers, The Hague, Bleiswijk, De Lier, Brussels	France, Netherlands, Belgium	Button, Motomura		IP Key SEA		1									1	
202	13/10/19	15/10/19	Euroseeds Congress 2019	Stockholm	Sweden	Button		Euroseeds												1
203	14/10/19	16/10/19	Technical Working Party on Automation and Computer Programs (TWC/37)	Hangzhou	China	Taveira, Motomura, Wen, Tran	X	UPOV						1						
204	16/10/19	18/10/19	Working Group on Biochemical and Molecular Techniques and DNA-Profiling in Particular (BMT/18)	Hangzhou	China	Taveira, Motomura, Wen, Tran	X	UPOV						1						
205	16/10/19	18/10/19	OAPI Training course on plant variety protection	Ouagadougou	Burkina Faso	Rivoire		OAPI, MCIH of Burkina Faso		1			1						1	
206	19/10/19	19/10/19	International Training Course on Plant Variety Protection	Beijing	China	Motomura		DCST, MARA of China		1			1						1	
207	21/10/19	23/10/19	OAPI Training course on plant variety protection	Bamako	Mali	Rivoire		OAPI, MIC of Mali		1			1						1	
208	25/10/19	25/10/19	WIPO/Tongji University Master's Degree in Intellectual Property with specialization in Design (MIP in Design)	Shanghai	China	Huerta, Motomura, Wen (via videoconference from Geneva)		WIPO, Tongji University		1					1					
209	27/10/19	28/10/19	Meeting of the Enlarged Editorial Committee (TC-EDC/OCT19)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV												
210	28/10/19	29/10/19	Technical Committee (TC/55)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						
211	28/10/19	28/10/19	Meeting on the Development of an Electronic Application Form (UPOV/EAF/14)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
212	29/10/19	29/10/19	Working Group on Variety Denominations (UPOV/WG-DEN/5)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						
213	30/10/19	30/10/19	Seminar on the impact of policy on essentially derived varieties (EDVs) on breeding strategy" (EDV Seminar)	Geneva (UPOV HQ)	Switzerland		X	UPOV	1	1					1			1		
214	30/10/19	30/10/19	Administrative and Legal Committee (CAJ/76)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						
215	30/10/19	30/10/19	Working Group on a Possible International System of Cooperation (UPOV/WG-ISC/5)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV												
216	31/10/19	31/10/19	Consultative Committee (CC/96)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV												
217	01/11/19	01/11/19	Council (C/53)	Geneva (UPOV HQ) (UPOV body)	Switzerland		X	UPOV						1						
218	10/11/19	16/11/19	Eighth Session of the Governing Body of the ITPGRFA	Rome	Italy	Button, Huerta, Motomura		ITPGRFA												1
219	13/11/19	15/11/19	IP Key LA Regional Workshop on Cooperation in Examination of Plant Variety Protection Applications	Lima	Peru	Taveira	X	IP Key LA, INDECOPI of Peru, CPVO and UPOV		1			1					1		
220	20/11/19	22/11/19	43rd session of ARIPO's Administrative Council and 17th session of ARIPO's Council of Ministers	Monrovia	Liberia	Huerta		ARIPO												1
221	20/11/19	22/11/19	Workshop on the Design and Implementation of Intellectual Property Policies and Strategies as a Tool for National Development	Monrovia	Liberia	Huerta		ARIPO		1			1					1		
222	21/11/19	21/11/19	Seminar on Plant Variety Protection	Da Lat	Viet Nam	Motomura, Tran		MARD of Viet Nam		1			1						1	
223	22/11/19	22/11/19	Meeting with the Secretariat of CBD and the Secretary of the ITPGRFA	Montreal	Canada	Button	X	UPOV, CBD, ITPGRFA												1
224	25/11/19	27/11/19	APSA Asian Seed Congress 2019	Kuala Lumpur	Malaysia	Button, Motomura		APSA											1	
225	26/11/19	26/11/19	Study visit to WIPO by members of the Governing Council of the African Academy of Sciences (AAS)	Geneva	Switzerland	Huerta		WIPO, AAS		1										
226	26/11/19	28/11/19	Visit to the CPVO for Communications Training	Angers	France	Rovere	X	UPOV, CPVO												
227	28/11/19	28/11/19	INIA Seminar on the use of molecular markers in DUS examination	Madrid	Spain	Taveira		INIA of Spain		1					1				1	
228	29/11/19	29/11/19	Ninth International Conference on Intellectual Property Protection for Plant Innovation	Amsterdam	Netherlands	Button		FORUM Institut für Management GmbH										1	1	

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	From	To	Activity/mission	City	Country	UPOV staff/ representative	organized by or with UPOV	Organizers <sup>4</sup>	UV.3 1(a)	UV.3 1(d)	UV.3 2(a)	UV.3 4(b)	UV.3 4(c)	UV.3 4(d)	UV.3 4(e),(f)	UV.3 4(g)	UV.3 4(h)	UV.4 2(c)	UV.4 2(d)	UV.4 3(a)
229	29/11/19	29/11/19	Train the trainer's course of the Costa Rican Academy of Intellectual Property (ACOPI)	(via videoconference from Geneva)	Costa Rica	Taveira		ACOPI		1			1						1	
230	30/11/19	30/11/19	7th ECOSA Seed Trade Congress	Ankara	Turkey	Rivoire		ECOSA											1	
231	03/12/19	04/12/19	Annual Meeting between the CPVO and its Examination Offices	Angers	France	Taveira		CPVO												1
232	04/12/19	04/12/19	Meeting with a high level delegation from Nigeria, visiting the Netherlands	Amsterdam	Netherlands	Button	X	Netherlands, CPVO, UPOV		1									1	
233	12/12/19	12/12/19	59th session of OAPI Administrative Council	N'Djamena	Chad	Rivoire		OAPI												1
234	12/12/19	12/12/19	Meeting with ISF	Nyon	Switzerland	Button	X	UPOV, ISF											1	
235	18/12/19	18/12/19	Meeting with CPVO	Angers	France	Madhour	X	UPOV, CPVO												1
Total:									59	78	22	0	46	24	19	28	8	36	48	42

[Appendix follows]



## APPENDIX

## ACRONYMS AND ABBREVIATIONS

UPOV terms

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

Acronyms

AAS	African Academy of Sciences
ACOPI	Costa Rican Academy of Intellectual Property
Acosemillas	<i>Asociación colombiana de semillas y biotecnología</i> (Colombian Seed and Biotechnology Association)
AFSTA	African Seed Trade Association
ALTIUS	Belgian law firm
AOHE	Association of European Horticultural Breeders
APSA	Asia and Pacific Seed Association
ARIPO	African Regional Intellectual Property Organization
ASTA	American Seed Trade Association
BSPB	British Society of Plant Breeders Ltd.
CFIA	Canadian Food Inspection Agency
CGIAR	Consultative Group on International Agricultural Research
CGRFA	Commission on Genetic Resources for Food and Agriculture
CIOPORA	International Community of Breeders of Asexually Reproduced Ornamental and Fruit Varieties
CIPO of Saint Vincent and the Grenadines	Commerce and Intellectual Property Office of Saint Vincent and the Grenadines
CLI	CropLife International
COMESA	Common Market for Eastern and Southern Africa
CORAF (see also WECARD)	<i>Conseil Ouest et Centre Africain pour la Recherche et le Développement Agricoles</i>
CPVO	Community Plant Variety Office of the European Union
DAFF of South Africa	Department of Agriculture, Forestry and Fisheries of South Africa
DCST of China	Development Center of Science and Technology of China
DGALR of Oman	Directorate General of Agriculture and Livestock Research (DGALR), Ministry of Agriculture and Fisheries of the Sultanate of Oman
DMKNL	<i>Deutsch – Mongolisches Kooperationsprojekt Nachhaltige Landwirtschaft</i> (German-Mongolian cooperation project for sustainable agriculture)
EAPVP Forum	East Asia Plant Variety Protection Forum
ECOSA	Economic Cooperation Organization Seed Association
EIPIN	European Intellectual Property Institutes Network
EPO	European Patent Office
ESA	European Seed Association

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ESA	European Seed Association (now Euroseeds)
EUIPO	European Intellectual Property Office
FAO	Food and Agriculture Organization of the United Nations
GRUR	<i>Deutsche Vereinigung für gewerblichen Rechtsschutz und Urheberrecht</i> (German Association for the Protection of Intellectual Property)
ICA	<i>Instituto Colombiano Agropecuario</i> (Colombian Agriculture and Livestock Institute)
INDECOPI of Peru	National Institute for the Defense of Free Competition and the Protection of Intellectual Property
INIA of Spain	National Institute for Agricultural and Food Research and Technology of Spain
INRA	<i>Institut national de la recherche agronomique</i>
IP Key	IP Key is co-financed by the European Union and the European Intellectual Property Office (EUIPO). It is implemented by EUIPO in cooperation with EPO.
IP Key LA	IP Key Latin America
IP Key SEA	IP Key South-East Asia
IPA of Uzbekistan	Agency on Intellectual Property of Uzbekistan
IPO	Intellectual Property Office
IPONZ	Intellectual Property Office of New Zealand
IPOS	Intellectual Property Office of Singapore
ISF	International Seed Federation
ISSD	Integrated Seed Sector Development
ISTA	International Seed Testing Association
ITC-ILO	International Training Centre of the International Labour Organization
ITPGRFA	International Treaty on Plant Genetic Resources for Food and Agriculture
JATAFF	Japan Association for Techno-innovation in Agriculture, Forestry and Fisheries
JICA	Japan International Cooperation Agency
KEPHIS	Kenya Plant Health Inspectorate Service
KIPO	Korean Intellectual Property Office
KOICA	Korea International Cooperation Agency
KSVS	Korea Seed and Variety Service
MAFF of Japan	Ministry of Agriculture, Forestry and Fisheries of Japan
MAFRA of the Republic of Korea	Ministry of Agriculture, Food and Rural affairs of the Republic of Korea
MARA of China	Ministry of Agriculture and Rural Affairs of China
MARD of Côte d'Ivoire	Ministry of Agriculture and Rural Development of Côte d'Ivoire
MARD of Viet Nam	Ministry of Agriculture and Rural Development of Viet Nam
MCIH of Burkina Faso	Ministry of Commerce, Industry and Handicrafts of Burkina Faso
MIC of Mali	Ministry of Industry and Commerce of Mali
MINMIDT of Cameroon	Ministry of Mines, Industry and Technological Development
MINRESI of Cameroon	Ministry of Scientific Research and Innovation
MOALI of Myanmar	Ministry of Agriculture, Livestock and Irrigation of Myanmar
MOFALI of Mongolia	Ministry of Food, Agriculture and Light Industry of Mongolia
Naktuinbouw	The Netherlands Inspection Service for Horticulture
NASC of Nigeria	National Agricultural Seeds Council of Nigeria
OAPI	African Intellectual Property Organization
OECD	Organisation for Economic Co-Operation and Development
PRV of Sweden	Swedish Patent and Registration Office
QUT of Australia	Queensland University of Technology of Australia
SAA	Seed Association of the Americas
SENADI of Ecuador	Servicio Nacional de Derechos Intelectuales (National Service of Intellectual Rights of Ecuador)
SFA of China	State Forestry Administration of China
SFSA	Syngenta Foundation for Sustainable Agriculture
Sida	Swedish International Development Cooperation Agency
SNICS of Mexico	Servicio Nacional de Inspección y Certificación de Semillas (National Service for Seed Inspection and Certification of Mexico)
TRIPS	Trade Related Aspects of Intellectual Property Rights
UKIPO	Intellectual Property Office of the United Kingdom
UNCTAD	United Nations Conference on Trade and Development
USDA	United States Department of Agriculture
USPTO	United States Patent and Trademark Office
WECARD (see also CORAF)	West and Central African Council for Agricultural Research and Development
WFO	World Farmers' Organization
WIPO	World Intellectual Property Organization
WIPO IGC	WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore
WTO	World Trade Organization

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

- "Users" are individuals who have had at least one session within the selected date range.
- A "session" is a group of user interactions with your website that take place within a given time frame. For example a single session can contain multiple page views, events, social interactions, and ecommerce transactions. A single user can open multiple sessions. Those sessions can occur on the same day, or over several days, weeks, or months. As soon as one session ends, there is then an opportunity to start a new session. There are two methods by which a session ends:
  - Time-based expiration:
    - After 30 minutes of inactivity
    - At midnight
  - Campaign change:
    - If a user arrives via one campaign, leaves, and then comes back via a different campaign.
- "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.
- "Number of visits" is the number of devices used to visit the website in a month (a person may use more than one device).

[End of appendix and of document]