

**Council****C/55/2****Fifty-Fifth Ordinary Session  
Geneva, October 29, 2021****Original:** English  
**Date:** September 30, 2021**UPOV PERFORMANCE REPORT 2020***Document prepared by the Office of the Union**Disclaimer: this document does not represent UPOV policies or guidance*

1. At its fifty-fourth ordinary session, held via electronic means on October 30, 2020, the Council approved the consolidation of existing financial and performance reports into a “UPOV Performance Report” (UPR), to be presented alongside the Financial Statements, on an annual basis, starting with the reports for 2020 (see document C/54/17 “Outcome of the consideration of documents by correspondence”, paragraph 31).
2. The UPR 2020 has been prepared in accordance with Regulations 2.14 and 2.14*bis* of the Financial Regulations and Rules and reports performance against criteria established in the draft Program and Budget for the 2020-2021 Biennium (document C/53/4 Rev.).
3. *The Council is invited to note the UPOV Performance Report 2020.*

[UPOV Performance Report (UPR) 2020 follows]



## UPOV Performance Report 2020

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# INTRODUCTION

The UPOV Performance Report (UPR) for 2020 is a new streamlined report, consolidating the former Annual Report of the Secretary-General (AR), Financial Management Report (FMR) and the Performance Report for the Biennium (PRB), which provides a comprehensive and transparent assessment of financial and programmatic performance in 2020. The report eliminates the duplication of information produced in the AR, FMR, PRB, and the Annual Financial Statements, while ensuring no loss of information, thus resulting in improved clarity for members of the Union and productivity benefits within the Office of the Union.

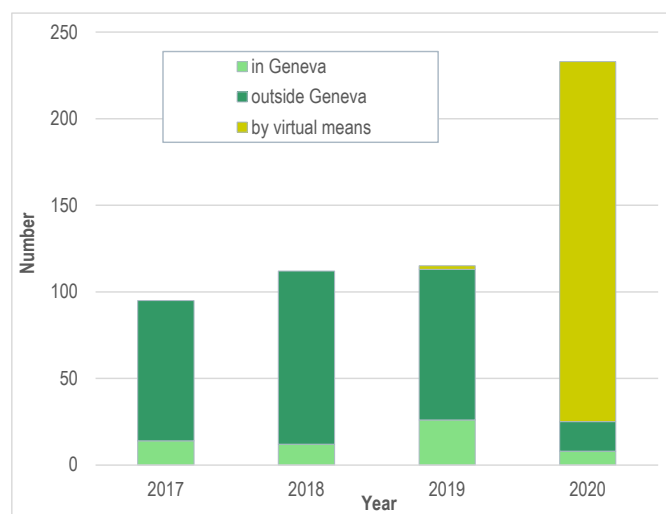
# EXECUTIVE SUMMARY

## General overview

The impact of the COVID-19 pandemic in 2020 presented an unprecedented challenge in relation to the implementation of UPOV's program within the framework of the approved Program and Budget for the 2020-2021 Biennium. In response, the Office of the Union received strong support from members of the Union and observers to adapt its work processes to ensure continued delivery of its services and program of work. UPOV benefits from the administrative support provided by WIPO under the WIPO/UPOV Agreement (document UPOV/INF/8) and measures taken by WIPO also enabled the Office of the Union to move to fully-remote working in a matter of days, allowing it to continue its functions without major disruption.

The main impact of the COVID-19 pandemic was in relation to meetings of UPOV bodies, UPOV's training and assistance activities and external relations, because of the need to discontinue travel. In the case of meetings of UPOV bodies, members of the Union readily embraced the proposal to move to virtual meetings and to put in place procedures to enable consideration of documents by correspondence. These procedures enabled the work of UPOV bodies to continue as planned with no negative consequences for progress on substantial matters. Indeed, the move to virtual modalities resulted in significantly greater participation in Technical Working Party meetings (see summary of Sub-program UV.2 below) and, in general, more opportunities for consultation. Where possible, training and assistance activities were implemented by virtual modalities, also benefitting from higher levels of participation while needing to seek innovative ways of ensuring effective engagement. The lack of travel negatively impacted on physical meetings of other organizations, which impacted on UPOV's work on external relations. However, the wide availability of virtual meeting options created new opportunities for meeting with colleagues and resulted in an overall increase in the frequency of contacts (see figure 1).

Figure 1. Number of missions, activities and meetings involving UPOV



In order to implement the COVID-19 mitigation measures above, a significant reallocation of resources was required compared to the expected plan. The move to virtual meetings, combined with consideration of documents by correspondence, resulted in significantly more time being allocated to meeting preparation and administration. This was possible because of the reduction in travel time of UPOV staff and time required for organizing travel to physical activities. In terms of financial resources, the substantial reduction in travel costs was somewhat offset by the additional cost of hosting virtual meetings of UPOV bodies that meet in Geneva. Given the unpredictability of the COVID-19 situation and the biennial term of UPOV's program and budget, the majority of funds allocated for travel in 2020 were rolled-over to 2021.

The following sections report on selected developments by sub-program.

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

The intensified focus on climate change and the development of more sustainable food systems mean that the adoption of the FAQ “How does the UPOV system support sustainable development?”<sup>1</sup> has been very useful for explaining the relevance of UPOV’s work. This FAQ builds on the relevance of the UPOV system in achieving a number of the United Nations Sustainable Development Goals (SDGs):

Figure 2. UN SDGs for which the UPOV system has particular relevance



A key development for improving UPOV’s future performance was the approval of the Strategic Business Plan 2021-2025 (SBP) by the Consultative Committee. The SBP identified the following targets:

- Target 1: Tools for implementation of the UPOV system (e-PVP)
  - a) Applying for PVP
  - b) Administration of PVP applications
  - c) Facilitating cooperation in DUS examination
- Target 2: Training and education programs
  - a) Virtual training and education
  - b) UPOV qualification
- Target 3: Communications
  - a) Effective cooperation with stakeholders
  - b) Effective cooperation with relevant international intergovernmental organizations
  - c) Increase outreach via social media
  - d) Use of machine translation technology to make UPOV material available in a wider range of languages

A core component in the SBP is the use of digitalization to enhance UPOV’s ability to provide and promote an effective system of plant variety protection. This strategy has proven to be very timely in the advent of the COVID-19 pandemic, which may also enable the plan to be advanced more rapidly than anticipated because of the reduction in travel costs.

In a move to improve the efficiency of UPOV’s work, the Council approved the establishment and the terms of reference for the Technical Working Party on Testing Methods and Techniques (TWM), to encompass the work of the TWC and BMT, to take effect from 2022. At a time of rapid technological advances and

<sup>1</sup> <https://www.upov.int/about/en/faq.html#QS10>

digitalization, the creation of a single Technical Working Party to consider these developments in the context of UPOV’s technical work will increase awareness of developments and provide a clear focal point.

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

In response to the COVID-19 pandemic, all meetings of UPOV bodies were held by virtual means. In the case of the UPOV bodies that meet in Geneva, a procedure was also put in place to enable consideration of documents by correspondence. In the case of the Technical Working Parties (TWPs), comments on documents were invited in advance of the meetings and the discussions at the meetings were based on those comments. These procedures enabled the work of UPOV bodies to continue as planned with no negative consequences for progress on substantial matters.

In the case of the (TWPs), the move to virtual meetings in 2020 resulted in significantly greater participation than in previous years (see figures 3 and 4). The increase in number of participants ranged from 34% in the TWO to 120% in the TWF, compared to the average of the preceding five years. The increase in number of members of the Union that attended the TWPs ranged from 33% in the TWA to 90% in the TWC, compared to the average of the preceding five years. A survey of TWP participants (see figure 5) revealed a high level of satisfaction with the meetings overall, with more than 90% of participants being satisfied or very satisfied with the meetings.

Figure 3. Total number of participants in TWPs (2015-2020)

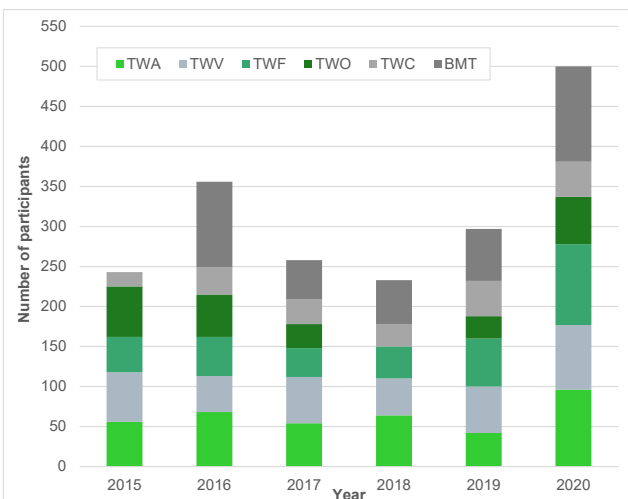


Figure 4. Number of UPOV members participating in at least one TWP per year (2015-2020)

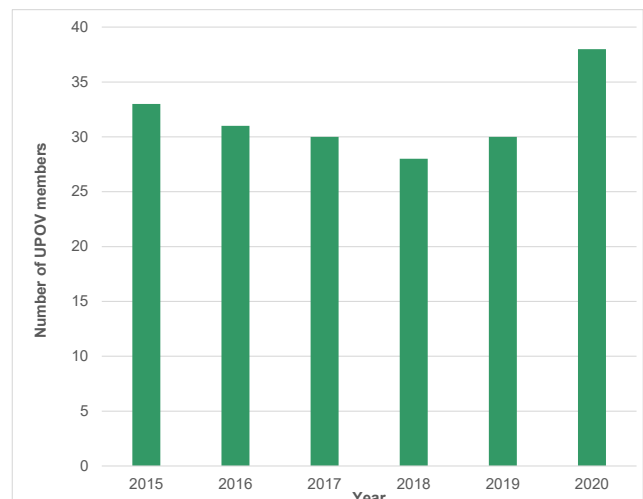
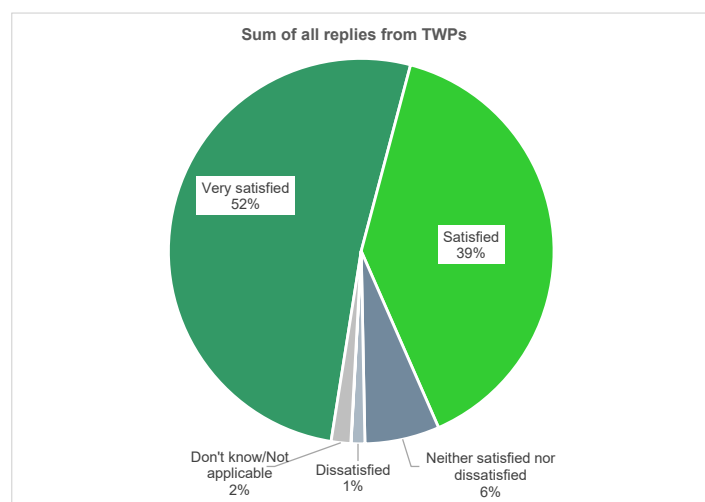


Figure 5. General satisfaction of TWP participants in virtual meetings (2020) (in %)



Discussions at the TWPs (see document TWP/5/12) recognized that engagement in virtual meetings was more challenging than at physical meetings, sometimes being compounded by technical issues, and that there were less opportunities for informal interactions at the periphery of the meeting. Conversely, virtual platforms created new opportunities for discussions and consultations outside the meeting week, enabling issues to be

advanced before the meeting. Technical visits are an important means of exchanging information and knowledge at the TWPs and these were not possible in 2020. However, it was recognized that virtual technical visits would be an option to be pursued in 2021.

In contrast to the TWP meetings, the number of members of the Union participating in virtual meetings of UPOV bodies that meet in Geneva (Council, Consultative Committee, CAJ and TC) was similar to previous years (see figures 10 and 11 under Sub-Program UV.1, and figures 20 and 21 under Sub-Program UV.2). It is possible that the arrangements for approving documents by correspondence in advance of the UPOV sessions reduced the interest for participation in the meetings. Furthermore, the procedure for approving documents by correspondence required several rounds of consultation, which created new demands on members of the Union and observers and substantially increased the amount of administration work in the organization of the sessions.

As part of the measures to facilitate or enhance voluntary cooperation between members of the Union, the TC agreed to propose the development of a package of compatible IT tools with the following elements:

- (a) Platform for:
  - (i) exchange of existing DUS reports for:
    - (1) members of the Union to post and receive existing DUS reports and arrange payment, as appropriate
    - (2) PVP applicants to request use of existing DUS reports and make payments, as appropriate
  - (ii) members of the Union to make their documented DUS procedures and information on their quality management systems available to other members of the Union
- (b) Tool to provide information on cooperation in DUS examination between members of the Union to PVP applicants in a user-friendly form, using information contained in the GENIE database
- (c) Module for members of the Union to use the web-based TG Template and database of characteristics to develop individual authorities' test guidelines (IATG) in their language
- (d) Platform for UPOV member databases containing variety description information

A number of these elements will form a component of the "e-PVP" initiative (Target 1: Tools for implementation of the UPOV system (e-PVP)), under the Strategic Business Plan 2021-2025 (SBP) (see Overall Policy on Plant Variety Protection (Sub-program UV.1) above).

The TC also requested the Office of the Union to identify Test Guidelines where a partial revision of the Test Guidelines, including the Technical Questionnaires, could be anticipated to produce significant benefits for harmonization between members and to present proposals for partial revisions to the TWPs, at their sessions in 2021. The Test Guidelines identified have a large number of PBR applications in several members of the Union, and a number of members of the Union have indicated that their technical questionnaires have differences from the UPOV Technical Questionnaire. The crops are also relevant for UPOV PRISMA.

In 2019, the Council approved the launch of a new version of the PLUTO database with free and premium options, from November 2020. Issues with an IT provider, which were exacerbated by the COVID-19 pandemic, combined with the need to undergo a more extensive analysis of data in the existing PLUTO database than planned, led to a decision to delay the launch of the new version of PLUTO until 2021. This decision also took into account that the launch of a new version during the evolving COVID-19 pandemic might not be convenient timing for users.

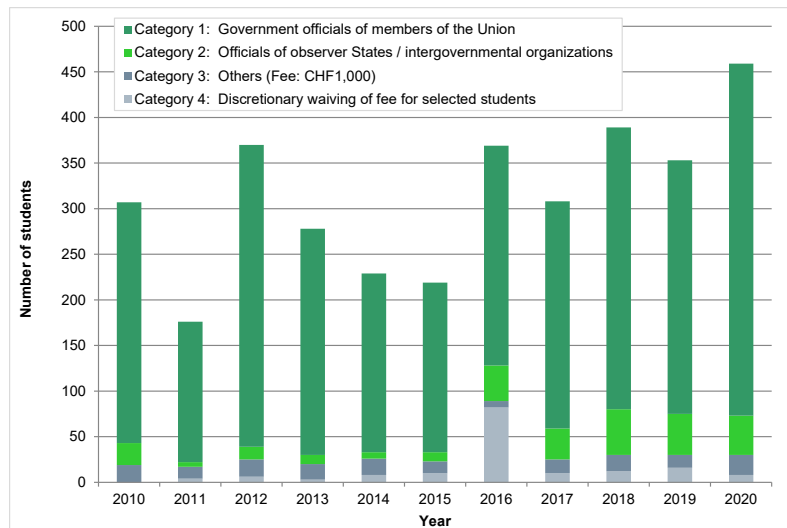
The introduction of UPOV PRISMA in 2017 was a major development in facilitating applications for plant breeders' rights. By the end of 2020, 35 members of the Union, covering 74 States, were participating in UPOV PRISMA. Use of UPOV PRISMA grew only very slightly in 2020, with 221 applications made via UPOV PRISMA, compared to 217 applications in 2019. The COVID-19 pandemic may have affected the interest in using a new system.



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

The COVID-19 pandemic had a major impact on UPOV’s training and assistance activities. Where possible, training and assistance activities were implemented by virtual modalities, also benefitting from higher levels of participation while needing to seek innovative ways of ensuring effective engagement. As reported in the General Overview, the reduction in missions and activities was also compensated by a large number of virtual meetings in which issues could be discussed at relatively short notice because of the increased availability of people that would otherwise have been traveling. There was a significant increase in the number of participants in UPOV’s DL-205 distance learning course, particularly by officials from members of the Union (see figure 6).

Figure 6. Participants in the main sessions of the DL-205 Course by registration category



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

The COVID-19 pandemic had a significant impact on external relations, because of the need to discontinue travel. However, the wide availability of virtual meeting options created new opportunities for meeting with officials and other stakeholders and resulted in an increase in the frequency of contacts (see figure 1).

A significant development in 2019 was the introduction of the @UPOVint and @vsgupov Twitter accounts, combined with the use of the UPOV LinkedIn account. In 2020, the number of followers continued to grow. In addition to the additional direct outreach from social media postings, there was further evidence that the number of UPOV website visitors (“visits”) and sessions has also increased as a result (see figures 7 to 9).

Figure 7: @UPOVint followers

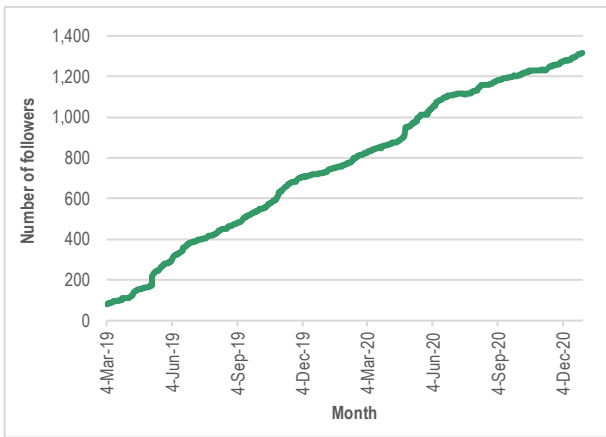


Figure 8: @vsgupov followers

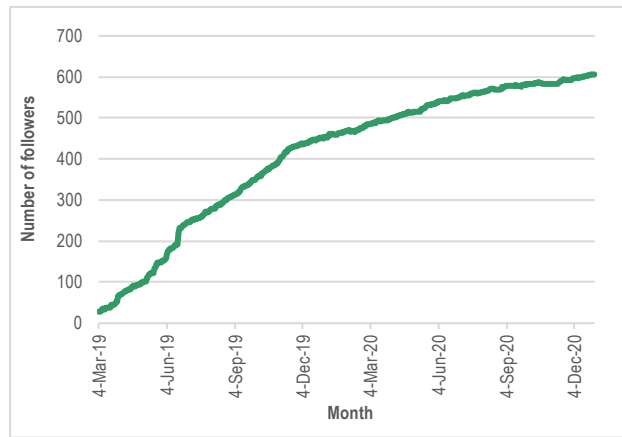
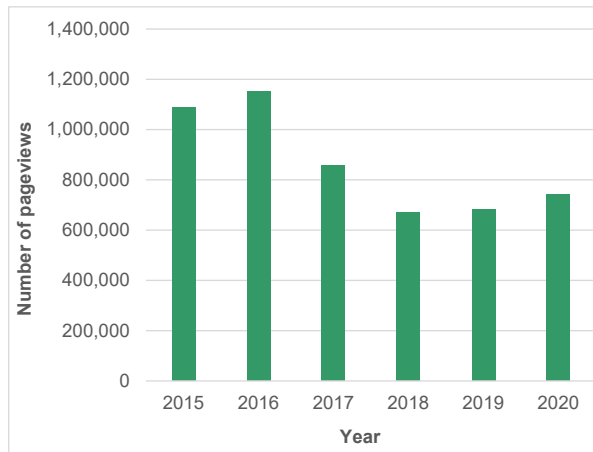


Figure 9. Visits to the UPOV website<sup>i</sup> in 2020: Global coverage



# I. FINANCIAL AND RESULTS OVERVIEW

## Key Financials

The overall budgetary result for UPOV as well as the Reserve and Working Capital Funds (RWCF) as at the end of 2020 is shown in Table 1 below. The total income (before IPSAS adjustments) amounted to 3.6 million Swiss francs, and the total expenditure amounted to 3.3 million Swiss francs, resulting in a budgetary surplus of 0.3 million Swiss francs for 2020.

At the end of 2020, the total RWCF amounted to 0.4 million Swiss francs, comprising 1.1 million Swiss francs in the Reserve Fund, 0.6 million Swiss francs in the Working Capital Fund and Actuarial losses through Net Assets of 1.3 million Swiss francs.

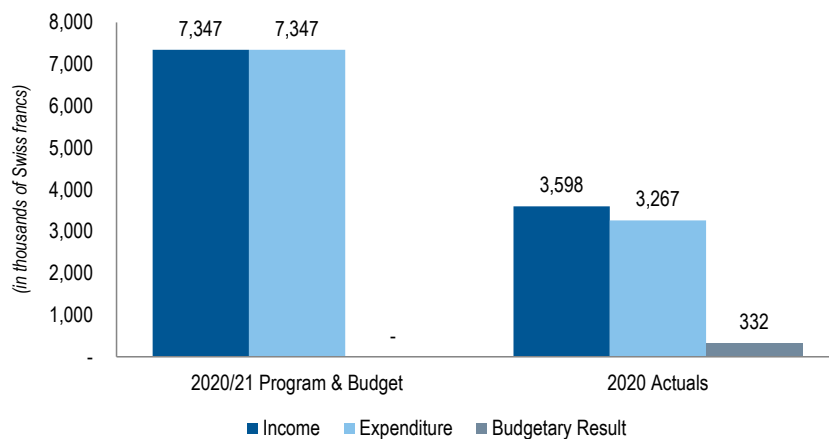
**Table 1. Key Financials 2020**  
(in thousands of Swiss francs)

Key Financials	2020/21 Program & Budget	2020 Actuals	2020 Actuals compared to P&B
Income	7,347	3,598	49%
Expenditure	7,347	3,267	44%
<b>Budgetary Result</b>	-	<b>332</b>	<b>n/a</b>
IPSAS adj. to Reg. Budget Income		64	
IPSAS adj. to Reg. Budget Expenditure		(147)	
<b>Surplus / (Deficit)</b>		<b>249</b>	

Reserve and Working Capital Funds (RWCF)	
Reserve Fund	1,059
Working Capital Fund	575
Actuarial gains/(losses) through Net Assets	(1,266)
<b>Total RWCF at end of period</b>	<b>368</b>

**Chart 1. Income, Expenditure and Budgetary Result in 2020**



Note: Figures in tables throughout the document may not add up due to rounding.

## Income

Actual income amounted to 3.6 million Swiss francs in 2020, in line with the budgeted figure (49 per cent of the biennial budget). See Table 2 below.

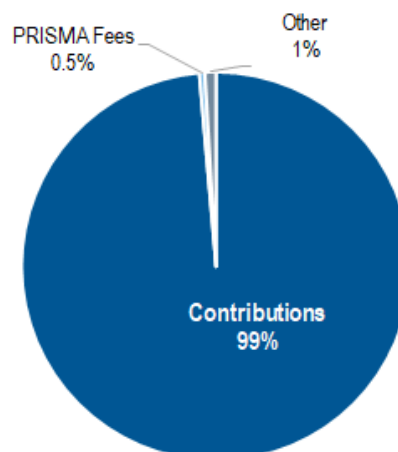
Income from contributions continued to be the single largest source of income representing 98.6 per cent of total income. The increase in income from contributions, resulting from China increasing its number of contribution units from 0.5 unit in 2019 to 2 units in 2020, and higher income from distance learning courses was offset by lower than budgeted income from UPOV PRISMA fees and lower income generated from Funds-in-Trust related program support costs. The latter was due to a reduction in activities incurring travel costs, as a result of the COVID-19 pandemic.

**Table 2. Income in 2020**  
(in thousands of Swiss francs)

Income	2020/21 Estimates	2020 Actual	2020 Actuals compared to Estimates
Contributions (unitary)	6,946	3,548	51%
PRISMA Fees	250	17	7%
FITs Programme support costs	121	30	25%
Distance Learning course fees	30	21	70%
Miscellaneous <sup>1</sup>	-	(18)	n/a
<b>Total</b>	<b>7,347</b>	<b>3,598</b>	<b>49%</b>

<sup>1</sup> Miscellaneous income mainly reflects unrealized forex gains/(losses) due to the revaluation process of the cash and other assets and liabilities accounts (currencies other than Swiss francs).

**Chart 2. Income Share by Source in 2020**



## Expenditure

Actual expenditure amounted to 3.3 million Swiss francs in 2020 (44 per cent of the biennial budget). This is shown in Table 3 and by sub-programs in Table 4 and Table 5.

**Table 3. Budget vs. Expenditure by Cost Category in 2020**  
(in thousands of Swiss francs)

Cost Category	2020/21 Program & Budget	2020 Actuals	2020 Actuals compared to P&B
<b>A. Personnel Resources</b>			
Posts	4,688	2,158	46%
Temporary staff	251	27	11%
Other Staff costs	-	1	n/a
<b>Total, A</b>	<b>4,939</b>	<b>2,186</b>	<b>44%</b>
<b>B. Non-Personnel Resources</b>			
<b>Internships and Fellowships</b>			
Internships	5	-	-
Fellowships	65	24	38%
<i>Sub-total, Internships and Fellowships</i>	<b>69</b>	<b>24</b>	<b>35%</b>
<b>Travel</b>			
Staff Missions	500	27	5%
Third Party Travel	25	1	6%
<i>Sub-total, Travel</i>	<b>525</b>	<b>28</b>	<b>5%</b>
<b>Contractual Services</b>			
Conferences	160	56	35%
Publishing	-	-	n/a
Individual Contractual Services <sup>1</sup>	20	0	1%
Other Contractual Services	385	347	90%
<i>Sub-total, Contractual Services</i>	<b>565</b>	<b>403</b>	<b>71%</b>
<b>Operating Expenses</b>			
<i>Sub-total, Operating Expenses</i>	<b>1,239</b>	<b>621</b>	<b>50%</b>
<b>Equipment and Supplies</b>			
Furniture and Equipment	5	-	-
Supplies and Materials	5	4	83%
<i>Sub-total, Equipment and Supplies</i>	<b>10</b>	<b>4</b>	<b>42%</b>
<b>Total, B</b>	<b>2,408</b>	<b>1,080</b>	<b>45%</b>
<b>TOTAL</b>	<b>7,347</b>	<b>3,267</b>	<b>44%</b>

<sup>1</sup> 2020 Actuals for Individual Contractual Services amount to 200 Swiss francs.

## Personnel Resources

Personnel resources are budgeted using an actuals based costing methodology. The estimated expenditure for 2020 was lower than budgeted (44 per cent of the biennial budget). The expenditure on posts (46 per cent of the biennial budget) was lower than budgeted as a result of two posts in the general service staff category being occupied at 80 per cent and a position being vacant for a part of the year.

The expenditure on temporary staff reached 11 per cent of the budget for the biennium resulting from a delay in the recruitment of temporary staff.

## Non-Personnel Resources

Internships and fellowships expenditure were lower than budgeted (35 per cent of the biennial budget) because the COVID-19 pandemic prevented travel by the fellow and the recruitment of a replacement fellow.

Travel, training and grants expenditure in 2020 represented only 5 per cent of the biennial budget due to the COVID-19 pandemic.

Contractual services:

*Conferences:* Expenditure on conferences was lower than budgeted (35 per cent of the biennial budget). However, while costs for hosting events for participants were avoided because meetings were held virtually, additional costs (25,535 Swiss francs) were incurred for the virtual meeting platform, reflected under “Other Contractual Services”.

*Publishing:* There was no expenditure on publishing in 2020.

*Individual Contractual Services (ICS):* There was minimal expenditure (200 Swiss francs) on ICS in 2020.

*Other Contractual Services (OCS):* Estimated expenditure on OCS was substantially higher than anticipated for the first year of the biennium (90 per cent of the biennial budget) mainly as a result of higher expenditure on agency workers to compensate for: (i) administrative staff working part-time; (ii) non recruitment of a temporary administrative staff member; and (iii) cost of the servicing of the virtual meeting platform for UPOV meetings.

Operating expenses in 2020 were in line with budgeted costs.

Expenditure on equipment and supplies was broadly in line with budgeted costs.

**Table 4. Budget vs. Expenditure by Sub-Program in 2020**  
(in thousands of Swiss francs)

	2020/21 Program & Budget	2020 Actuals	2020 Actuals compared to P&B
UV.1 Overall Policy on Plant Variety Protection	798	404	51%
UV.2 Services to the Union for Enhancing the Effectiveness of the UPOV System	4,268	2,033	48%
UV.3 Assistance in the Introduction and Implementation of the UPOV System	1,633	608	37%
UV.4 External Relations	648	221	34%
<b>TOTAL</b>	<b>7,347</b>	<b>3,267</b>	<b>44%</b>

**Table 5. Expenditure Details by Sub-Program in 2020**  
(in thousands of Swiss francs)

Cost Category	Sub-programs				Total
	UV.1	UV.2	UV.3	UV.4	
<b>A. Personnel Resources</b>					
Posts	371	1,005	578	205	2,158
Temporary staff	5	3	15	4	27
Other Staff costs <sup>1</sup>	0	1	0	0	1
<b>Total, A</b>	<b>377</b>	<b>1,008</b>	<b>593</b>	<b>209</b>	<b>2,186</b>
<b>B. Non-Personnel Resources</b>					
<b>Internships and Fellowships</b>					
Interns	-	-	-	-	-
Fellowships	-	24	-	-	24
<i>Sub-total, Internships and Fellowships</i>	<i>-</i>	<i>24</i>	<i>-</i>	<i>-</i>	<i>24</i>
<b>Travel</b>					
Staff Missions <sup>2</sup>	-	0	14	12	27
Third Party Travel	-	-	1	-	1
<i>Sub-total, Travel</i>	<i>-</i>	<i>0</i>	<i>15</i>	<i>12</i>	<i>28</i>
<b>Contractual Services</b>					
Conferences	16	40	-	-	56
Publishing	-	-	-	-	-
Individual Contractual Services <sup>3</sup>	-	-	0	-	0
Other Contractual Services	7	340	-	-	347
<i>Sub-total, Contractual Services</i>	<i>23</i>	<i>380</i>	<i>0</i>	<i>-</i>	<i>403</i>
<b>Operating Expenses</b>					
<i>Sub-total, Operating Expenses<sup>4</sup></i>	<i>0</i>	<i>621</i>	<i>-</i>	<i>-</i>	<i>621</i>
<b>Equipment and Supplies</b>					
Furniture and Equipment	-	-	-	-	-
Supplies and Materials	4	-	-	-	4
<i>Sub-total, Equipment and Supplies</i>	<i>4</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4</i>
<b>Total, B</b>	<b>27</b>	<b>1,025</b>	<b>16</b>	<b>12</b>	<b>1,080</b>
<b>TOTAL</b>	<b>404</b>	<b>2,033</b>	<b>608</b>	<b>221</b>	<b>3,267</b>

<sup>1</sup> Expenditure under Other Staff costs UV.1, UV.3, and UV.4 amounts to 193 Swiss francs, 304 Swiss francs, and 107 Swiss francs, respectively.

<sup>2</sup> Expenditure under Staff Missions UV.2 amounts to 251 Swiss francs.

<sup>3</sup> Expenditure under Individual Contractual Services UV.3 amounts to 200 Swiss francs.

<sup>4</sup> Expenditure under Operating Expenses UV.1 amounts to 276 Swiss francs.

## Resources

The number of posts by category is shown in Table 6 below. There was no change in 2020 in the total number of posts. The post of the Secretary-General is included within the post count, but at no cost, because the current Director General of WIPO has declined any salary or allowance from his functions as Secretary-General of UPOV.

**Table 6. Budgeted and Actuals Posts in 2020**

Post Category	2020/21 Budgeted Posts	2020 Actual Posts	Difference
Directors	3	3	-
Professionals	5	5	-
General Service	4	4	-
<b>TOTAL</b>	<b>12</b>	<b>12</b>	<b>-</b>

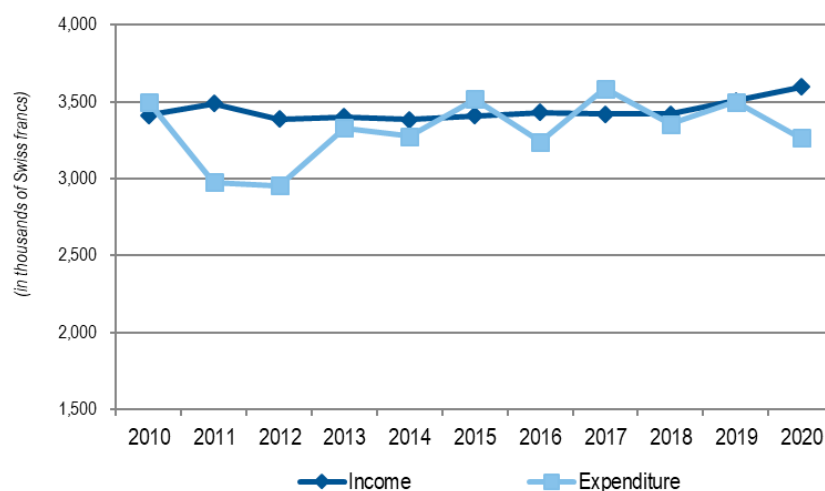
## Evolution of Income and Expenditure

The overall evolution of actual income and expenditure (before IPSAS adjustments) for the period from 2010 to 2020 is shown below in Table 7.

**Table 7. Evolution of Actual Income and Expenditure during 2010-2020**  
(in thousands of Swiss francs)

	Actuals										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Income	3,412	3,489	3,388	3,403	3,384	3,409	3,431	3,420	3,422	3,509	3,598
Expenditure	3,501	2,978	2,954	3,331	3,275	3,517	3,239	3,586	3,355	3,500	3,267
<b>Budgetary Result</b>	<b>(89)</b>	<b>511</b>	<b>434</b>	<b>72</b>	<b>109</b>	<b>(109)</b>	<b>192</b>	<b>(166)</b>	<b>67</b>	<b>9</b>	<b>332</b>

**Chart 3. Evolution of Income and Expenditure 2010-2020**

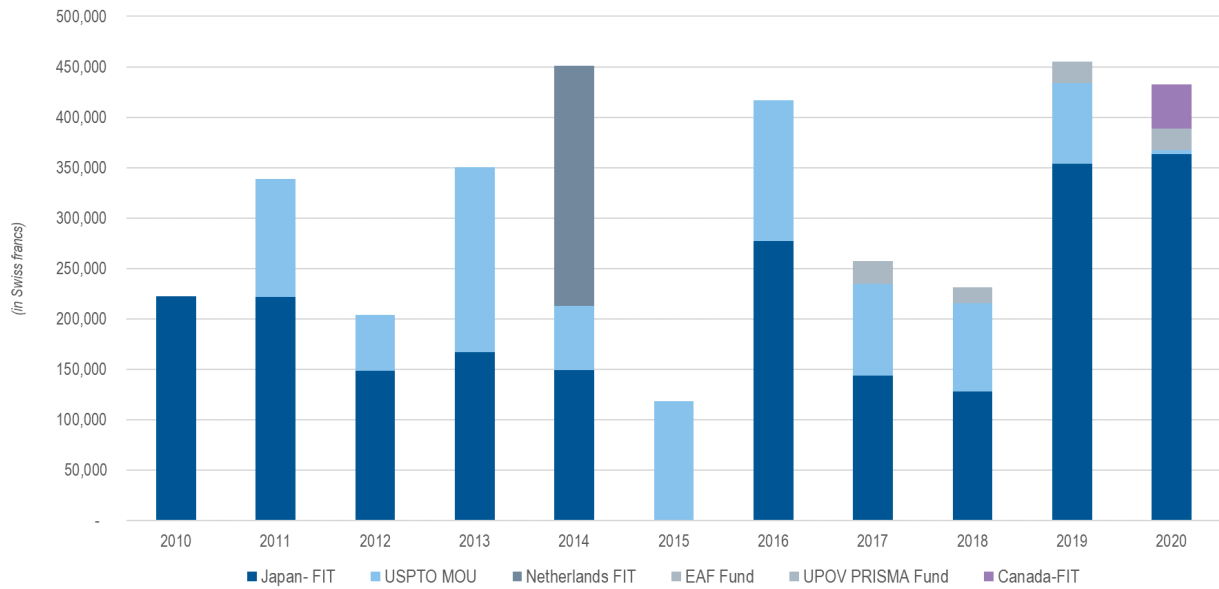




## Funds-in-Trust (extra-budgetary funds)

The overall evolution of the actual income of the Funds-in-Trust for the period from 2010 to 2020 is shown below in Table 8.

**Table 8. Evolution of Funds-in-Trust from 2010 to 2020**



## II. PROGRAM PERFORMANCE

### SUB-PROGRAM UV.1: Overall Policy on Plant Variety Protection

#### Objectives:

- (a) To maintain and improve the effectiveness of the UPOV system.
- (b) To provide and develop the legal, administrative and technical basis for international cooperation in plant variety protection according to the UPOV Convention.

#### Performance Data:

Expected Results	Performance Indicators	Performance Data <sup>2</sup>
1. Identify and implement the strategic goals and objectives of UPOV	(a) Strategic Business Plan that identifies the financial and human resources needed to achieve the strategic goals and objectives of the Union and defines long-term steps and key milestones of outreach activities with a view to improving organizational visibility and enhancing revenue generation efforts.	The Consultative Committee: <ul style="list-style-type: none"> <li>- noted the information on the latest situation concerning the 10 specific targets that were identified for improvement in the Strategic Business Plan 2018-2023;</li> <li>- approved the draft Strategic Business Plan 2021-2025; and</li> <li>- requested that the Strategic Business Plan be updated on a biennial basis in order to set the direction for the subsequent two biennia and to coincide with the preparation of the draft program and budget for the subsequent biennium.</li> </ul> see document CC/97/3 "Strategic Business Plan"
2. Reviewing the training and assistance strategy	(a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information; and	see document CC/97/14 "Training and assistance strategy"
	(b) Measures to provide training and assistance in the introduction and implementation of the UPOV system.	see document CC/97/14 "Training and assistance strategy"
3. Reviewing the communication strategy	(a) Evaluation of annual reports of the Secretary-General, performance reports for the biennia and other information; and	see document CC/97/6 Rev. "Communication strategy"
	(b) Recommendations by the Consultative Committee on the communication strategy.	Based on the recommendation by the Consultative Committee, the Council adopted the text of the FAQ "How does the UPOV system support sustainable development?"
4. Policy direction on inter-relations with other organizations	(a) Recommendations by the Consultative Committee; and	The Consultative Committee agreed to the participation of the Office of the Union in the reference group for the research project "Pathways to food security, poverty alleviation and livelihoods through the implementation of farmers' rights to crop genetic diversity (DIVERSIFARM)".
	(b) Decisions by the Council	None
5. Policies to diversify UPOV's revenue portfolio	(a) Income from sources other than UPOV member contributions	The Strategic Business Plan 2021-2025 specifies that sources of income other than contributions of members of the Union should be targeted to reach 7.5% of UPOV's income by 2025. Extrabudgetary funds, UPOV PRISMA and the PLUTO database are identified as the principal sources of alternative income.
6. Organization of Council and Consultative Committee sessions	(a) Participation in the sessions of the Council and the Consultative Committee.	The Council decided that the UPOV Sessions in October 2020 would be held in the form of virtual meetings, in combination with prior consideration of documents by correspondence.
		see figures 10 and 11

<sup>2</sup> Where data is provided over years, this is provided for the period 2010-2020 unless data is unavailable for all years.

Figure 10. Participation\* in Ordinary Sessions of the Council (October sessions)

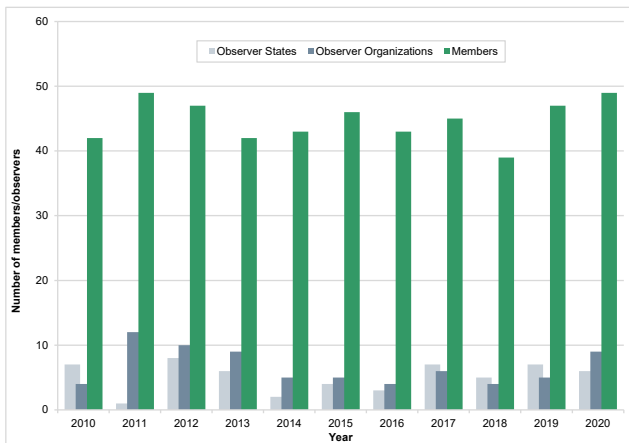
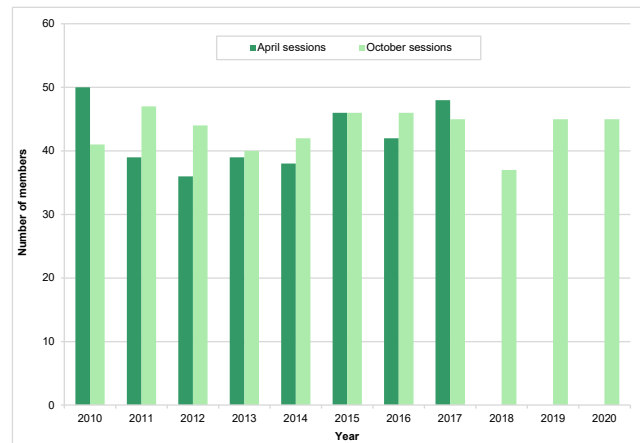


Figure 11. Participation\* in Consultative Committee Sessions



Expected Results	Performance Indicators	Performance Data
7. Organize and monitor the work of UPOV committees	(a) Approval and monitoring of the work programs of the CAJ, TC, TWPs and ad hoc working groups;	Achieved - see document C/54/21 "Report", paragraphs 53 to 57 <ul style="list-style-type: none"> <li>The Council approved the establishment and the terms of reference for the Technical Working Party on Testing Methods and Techniques (TWM), to encompass the work of the TWC and BMT, to take effect from 2022. The Council elected the Chairperson of the BMT to act as Chairperson of the TWM, ending with the fifty seventh ordinary session of the Council, in 2023.</li> <li>Based on the recommendation by the CAJ, the Council decided to organize a seminar in the first half of 2021, to exchange information on matters concerning harvested material and unauthorized use of propagating material.</li> </ul>
	(b) Election of Chairs of the CAJ, TC, TWPs and ad hoc working groups and Vice Chairs of the CAJ and TC; and	The Council elected the following Chairpersons, in each case for a term of three years ending with the fifty-seventh ordinary session of the Council, in 2023, as follows: <ul style="list-style-type: none"> <li>(a) Ms. Renée Cloutier (Canada), TWA;</li> <li>(b) Mr. Christopher Barnaby (New Zealand), TWF;</li> <li>(c) Ms. Ashley Balchin (Canada), TWO;</li> <li>(d) Ms. Marian van Leeuwen (Netherlands), TWV; and</li> <li>(e) Ms. Beate Rücker (Germany), BMT.</li> </ul>
	(c) Approval of the annual calendars of meetings.	Achieved - see document C/54/8 Rev.
8. Coordination, monitoring and performance assessment of Program and Budget for the 2020-2021 Biennium	(a) Delivery of program within budget for the 2020-2021 Biennium;	Results not available until 2021
	(b) Approval of the financial statements; and	see document C/55/5 "Financial statements for 2020"
	(c) Approval of the financial management report.	see this document C/55/2 "UPOV Performance Report 2020" The Council approved the consolidation of existing financial and performance reports into a "UPOV Performance Report" (UPR). The UPR would be presented alongside the Financial Statements, on an annual basis, starting with the reports for 2020.
9. Preparation and adoption of the Program and Budget for the 2022-2023 Biennium	(a) Preparation and adoption of the Program and Budget for the 2022-2023 Biennium.	see document C/55/4 "Draft Program and Budget for the 2022-2023 Biennium"

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

Expected Results	Performance Indicators	Performance Data
10. Examination of the conformity of laws, or draft laws, with the 1991 Act of the UPOV Convention	(a) Recommendations by the Consultative Committee; and	See (b) below
	(b) Decisions by the Council.	On the basis of the recommendation by the Consultative Committee, the Council: <ul style="list-style-type: none"> <li>took a positive decision on the conformity of the “Draft Law on Plant Variety Protection of the United Arab Emirates” (by correspondence)</li> <li>took a positive decision on the conformity of the “Draft Plant Breeders Rights Act of Zimbabwe”</li> </ul>
11. Review of developments concerning applications and grants of plant breeders’ rights	(a) Number of applications;	see figures 12, 13 and 14
	(b) Number of titles granted;	see figures 15 and 16
	(c) Number of titles in force;	see figure 15
	(d) Number of genera/species protected by members of the Union;	see figures 17 and 18
	(e) Number of genera/species for which varieties have been protected; and	see figure 27 under Sub-Program UV.2
	(f) Analysis by crop type.	see figure 19 “Data from PLUTO database”

Figure 12. Applications for Plant Breeders’ Rights

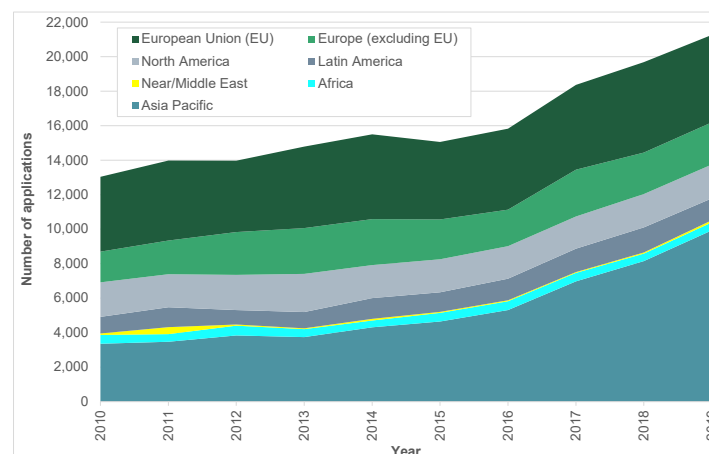


Figure 13. Applications for Plant Breeders’ Rights and Titles Issued

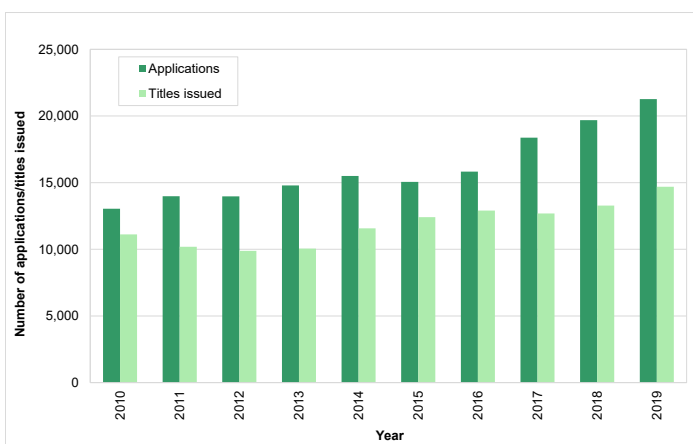


Figure 14. Applications for Plant Breeders’ Rights by Resident/Non-Resident

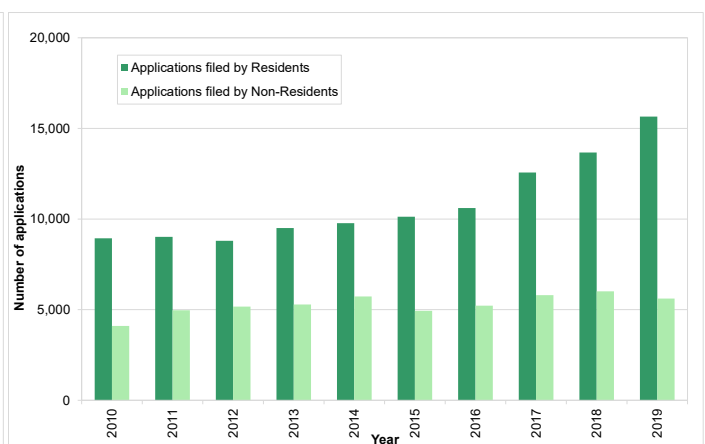


Figure 15. Plant Breeders' Rights Titles in Force

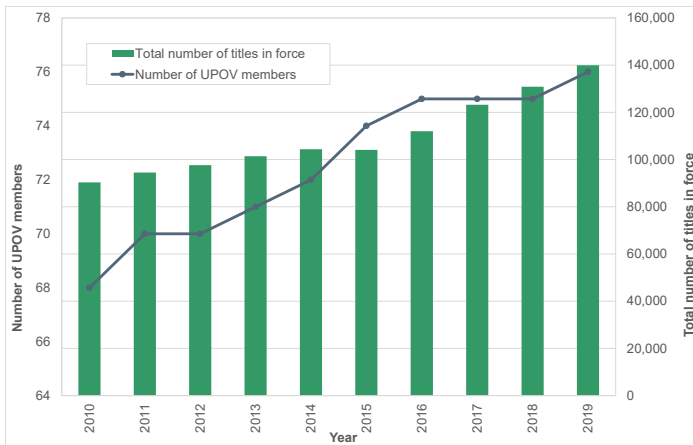


Figure 16. Plant Breeders' Rights Titles Granted by Resident/Non-Resident

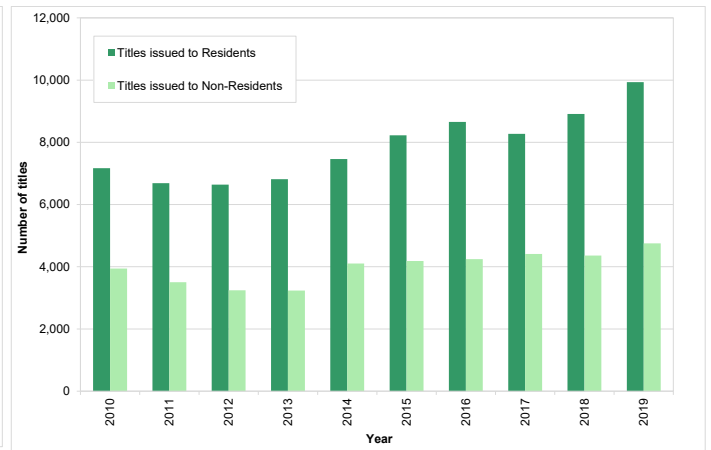
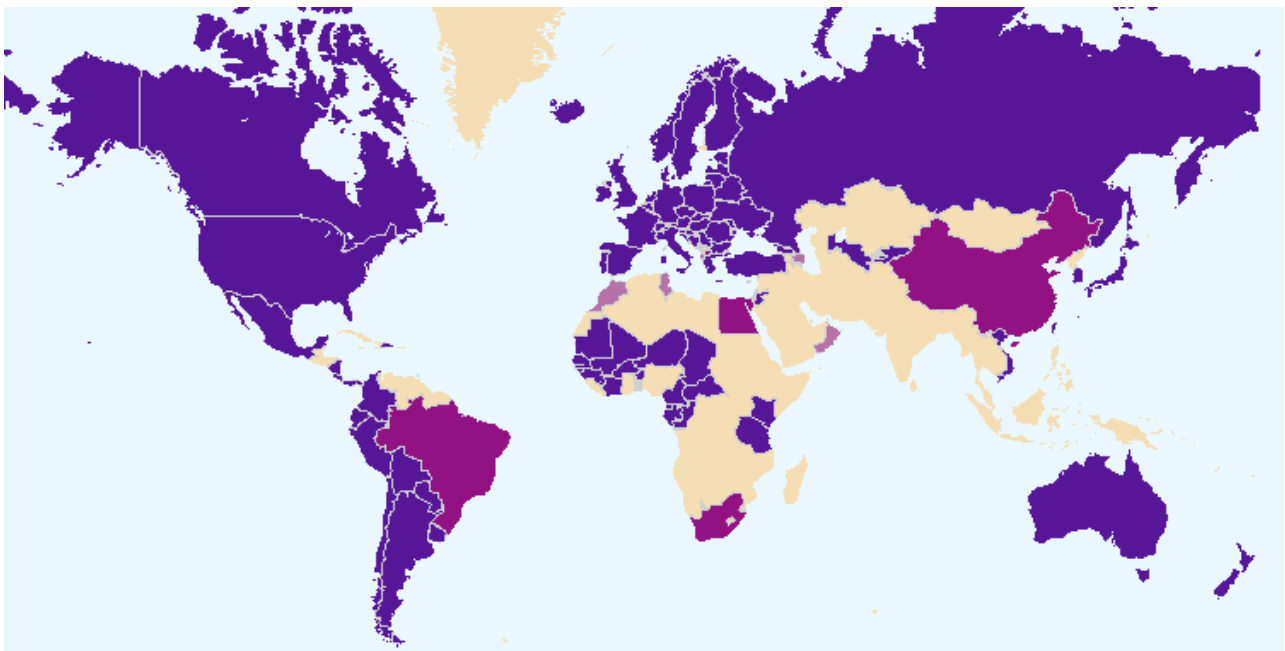


Figure 17. Protection to plant genera and species in 2020



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 offering protection for all plant genera and species
- Members of the Union offering protection for a limited number of plant genera and species
- Members of the Union who had not notified the extension of protection to all genera and species

Figure 18. Evolution of protection to plant genera and species

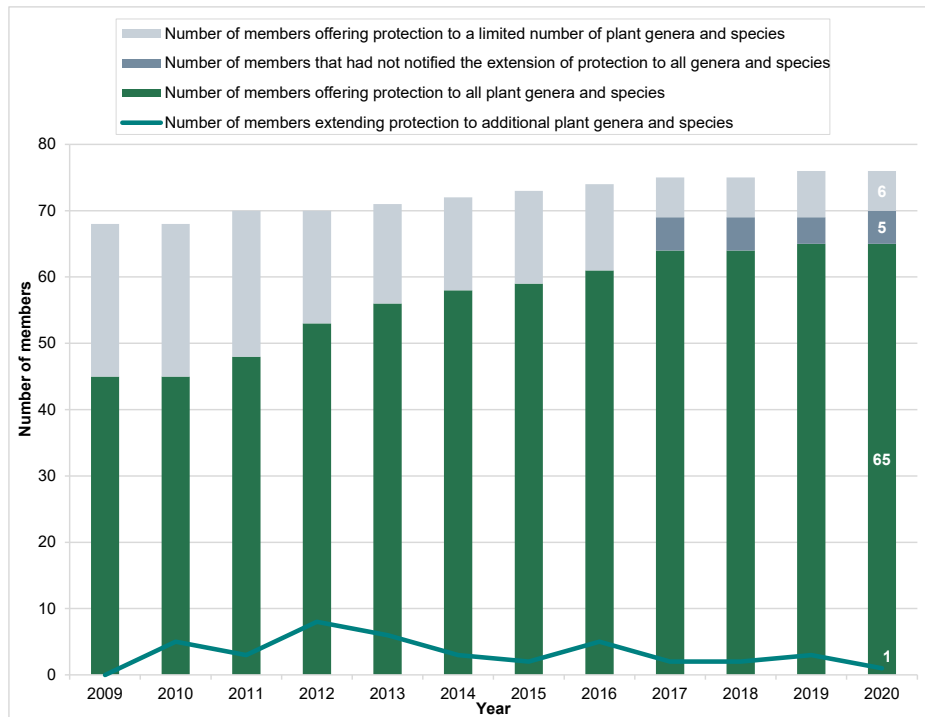


Figure 19: Data from PLUTO database

Applications filed by crop type:

Titles issued by crop type:

Year	Crop type				
	Agriculture	Forest trees	Fruit	Ornamental	Vegetables
2012	27%	0.9%	12%	48%	12%
2013	25%	1.0%	12%	49%	11%
2014	30%	0.8%	11%	47%	10%
2015	33%	0.5%	14%	36%	16%
2016	37%	0.6%	11%	34%	18%
2017	33%	0.5%	11%	38%	17%
2018	35%	0.5%	12%	33%	20%
2019	34%	0.6%	10%	37%	19%
2020	35%	0.6%	8%	36%	21%

Year	Crop type				
	Agriculture	Forest trees	Fruit	Ornamental	Vegetables
2012	26%	0.7%	9%	48%	15%
2013	34%	0.7%	10%	42%	13%
2014	35%	0.6%	10%	43%	12%
2015	32%	0.9%	10%	44%	13%
2016	32%	1.1%	9%	40%	18%
2017	27%	0.4%	12%	45%	16%
2018	27%	0.5%	11%	43%	18%
2019	34%	0.4%	9%	38%	18%
2020	38%	0.5%	7%	34%	21%

Expected Results	Performance Indicators	Performance Data
12. Facilitating applications through UPOV PRISMA	(a) Recommendations by the Consultative Committee; and	At the ninety-seventh session of the Consultative Committee, it was agreed that the Office of the Union should present proposals on the reporting of the financing of UPOV PRISMA for consideration by the Consultative Committee at its ninety-eighth session.
	(b) Decisions by the Council;	None
13. Facilitating voluntary cooperation between members of the Union in the implementation of the UPOV Convention	(a) Recommendations by the Consultative Committee; and	At its ninety-seventh session, the Consultative Committee agreed to broaden the agenda item "Providing support for new members of the Union" to "New developments in members of the Union", to identify and consider possibilities to address relevant developments in members of the Union.
	(b) Decisions by the Council.	Based on the recommendations of the Consultative Committee, the Council agreed the organization of a seminar, which would be open to members and observers, in the week of the UPOV sessions in 2021, to exchange information and experiences on strategies involving plant breeding and plant variety protection that addressed broad policy issues.
14. Policy on other matters	(a) Recommendations by the Consultative Committee;	The Consultative Committee considered a report on an initiative concerning smallholder farmers and a presentation made by Oxfam, Plantum and Euroseeds, and agreed on actions to be taken in relation to providing guidance regarding the implementation of the exception of acts done privately and for non-commercial purposes in relation to smallholder farmers, taking into account the concerns raised at the ninety-seventh session.
	(b) Decisions by the Council; and	None
	(c) Adoption of documents presenting UPOV policy by the Council.	None

## SUB-PROGRAM UV.2: Services to the Union for Enhancing the Effectiveness of the UPOV System

### Objectives:

- (a) To raise awareness of the role of plant variety protection according to the UPOV Convention.
- (b) 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.
- (c) To assist States and organizations in their accession to the 1991 Act of the UPOV Convention.
- (d) To assist States and organizations in implementing an effective plant variety protection system in accordance with the UPOV Convention.

### Performance Data:

Expected Results	Performance Indicators	Performance Data
1. Participation by members of the Union and observers in the work of the UPOV bodies	(a) Participation in the Administrative and Legal Committee, Technical Committee and Technical Working Parties and associated preparatory workshops.	see figures 20 and 21, and figures 3 and 4  The TWP did not hold a preparatory workshop at their sessions in 2020. The elements to be discussed during the preparatory workshops were presented as an introduction to the respective agenda items during the normal program for the sessions.

Figure 20. Number of Participating Members and Observer States/Organizations in the CAJ

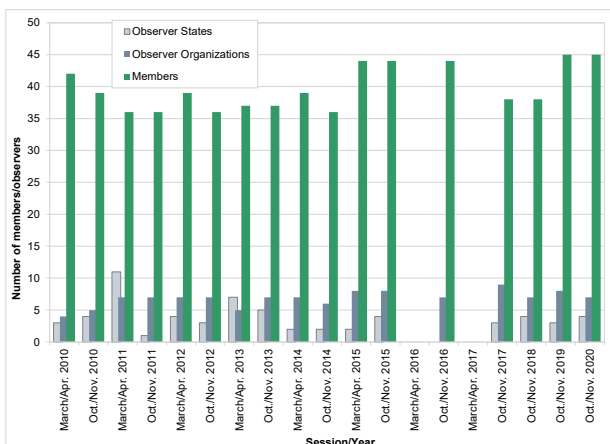
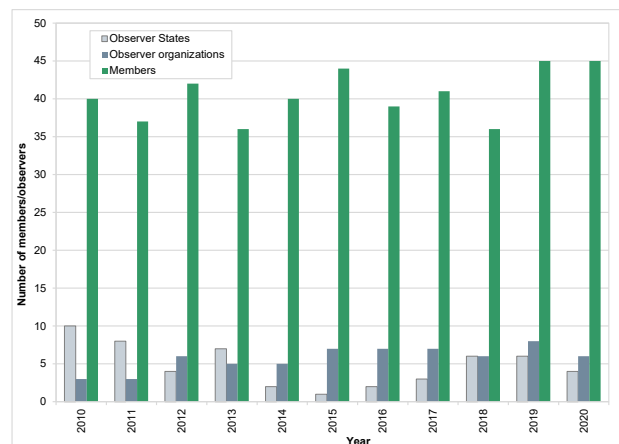


Figure 21. Number of Participating Members and Observer States/Organizations in the TC





Expected Results	Performance Indicators	Performance Data								
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: - 3 revisions to previously adopted information documents <table border="0"> <tr> <td>UPOV/INF/4/6</td> <td>Financial Regulations and Rules of UPOV (Revision of Regulation 4.6)</td> </tr> <tr> <td>UPOV/INF/16/9</td> <td>Exchangeable Software (Revision)</td> </tr> <tr> <td>UPOV/INF/22/7</td> <td>Software and equipment used by members of the Union (Revision)</td> </tr> </table>	UPOV/INF/4/6	Financial Regulations and Rules of UPOV (Revision of Regulation 4.6)	UPOV/INF/16/9	Exchangeable Software (Revision)	UPOV/INF/22/7	Software and equipment used by members of the Union (Revision)		
	UPOV/INF/4/6	Financial Regulations and Rules of UPOV (Revision of Regulation 4.6)								
	UPOV/INF/16/9	Exchangeable Software (Revision)								
	UPOV/INF/22/7	Software and equipment used by members of the Union (Revision)								
(b) Publication of the UPOV Gazette and Newsletter;	Matters published in the past in the UPOV Gazette and Newsletter are now published in UPOV Lex (see below)									
(c) Inclusion of laws and relevant notifications of members of the Union in UPOV Lex;	3 laws concerning the following 3 members of the Union were included in the UPOV Lex database: Egypt, Estonia and Paraguay									
(d) Availability of UPOV documents and materials in languages other than the UPOV languages (English, French, German and Spanish).	Translation into Chinese of the DL-205 "Introduction to the UPOV System of Plant Variety Protection under the UPOV Convention" (not yet published)									
3. Guidance on the examination of varieties	(a) Adoption of new or revised TGP documents and information materials;	Revisions to 4 previously adopted TGP documents adopted and published on the UPOV website: <table border="0"> <tr> <td>TGP/5: Section 6/3</td> <td>Experience and Cooperation in DUS Testing: UPOV Report on Technical Examination and UPOV Variety Description (Revision)</td> </tr> <tr> <td>TGP/7/8</td> <td>Development of Test Guidelines (Revision)</td> </tr> <tr> <td>TGP/14/5</td> <td>Glossary of Terms Used in UPOV Documents (Revision)</td> </tr> <tr> <td>TGP/15/3</td> <td>Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS) (Revision)</td> </tr> </table>	TGP/5: Section 6/3	Experience and Cooperation in DUS Testing: UPOV Report on Technical Examination and UPOV Variety Description (Revision)	TGP/7/8	Development of Test Guidelines (Revision)	TGP/14/5	Glossary of Terms Used in UPOV Documents (Revision)	TGP/15/3	Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS) (Revision)
	TGP/5: Section 6/3	Experience and Cooperation in DUS Testing: UPOV Report on Technical Examination and UPOV Variety Description (Revision)								
	TGP/7/8	Development of Test Guidelines (Revision)								
	TGP/14/5	Glossary of Terms Used in UPOV Documents (Revision)								
	TGP/15/3	Guidance on the Use of Biochemical and Molecular Markers in the Examination of Distinctness, Uniformity and Stability (DUS) (Revision)								
	(b) Adoption of new or revised Test Guidelines;	see figures 22 and 23								
	(c) Proportion of PBR applications covered by adopted Test Guidelines;	At the end of 2020, the adopted Test Guidelines covered 94% of all PBR-related entries in the PLUTO Plant Variety Database (321,732 of 343,064) (94% at the end of 2019 (307,853 of 328,525))  see figure 24								
(d) Number of Test Guidelines under development in the TWPs;	see figures 25 and 26									
(e) Participation in the development of Test Guidelines;	14 members of the Union acting as Leading Experts of Test Guidelines in 2020 (15 in 2019)									
(f) Development of a web-based Test Guidelines Template (TG Template) with facility for:	No new developments.									
	(i) translation in UPOV languages;  (ii) use by members of the Union in the preparation of individual authorities' test guidelines.									

Figure 22. Adoption of Test Guidelines

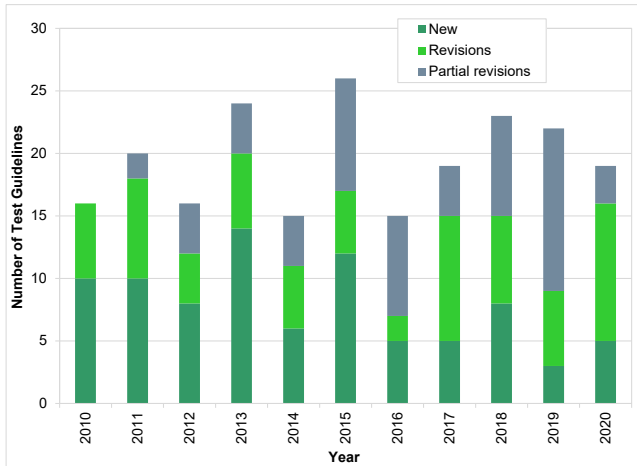


Figure 23. Draft Test Guidelines discussed in TWPs

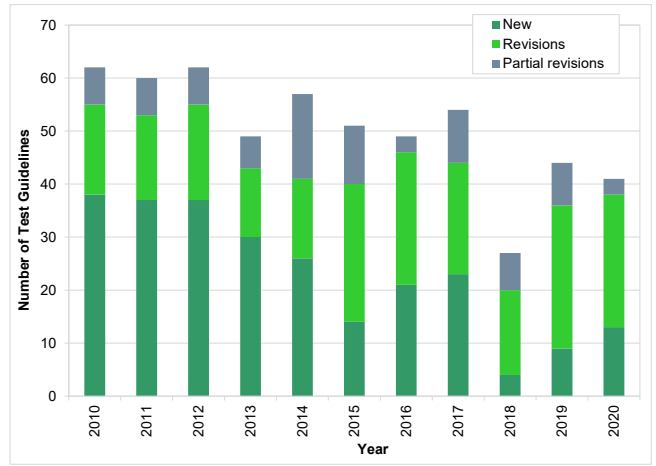


Figure 24. Plant Breeders' Rights Entries in Plant Variety Database covered by Test Guidelines

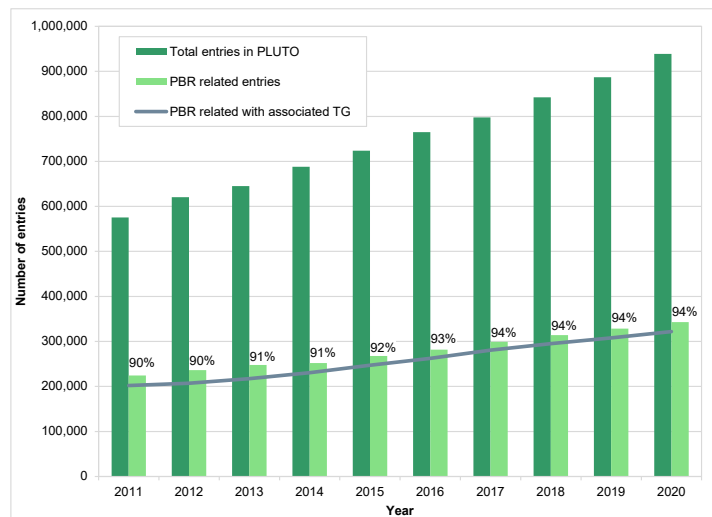


Figure 25. Total number of Test Guidelines adopted (by Technical Working Party)

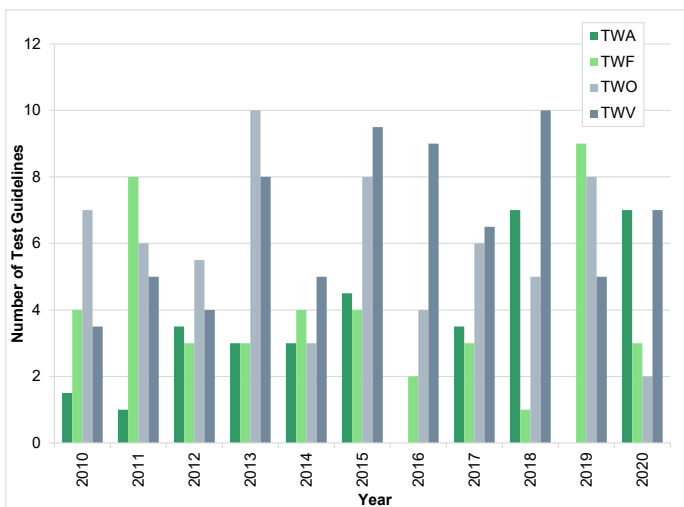
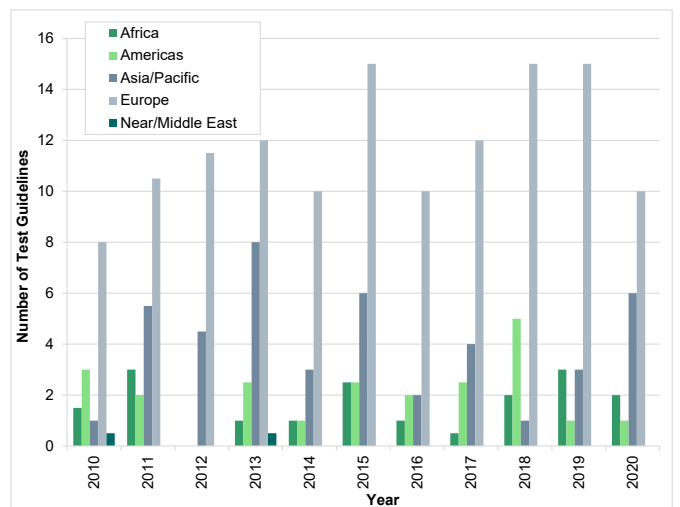
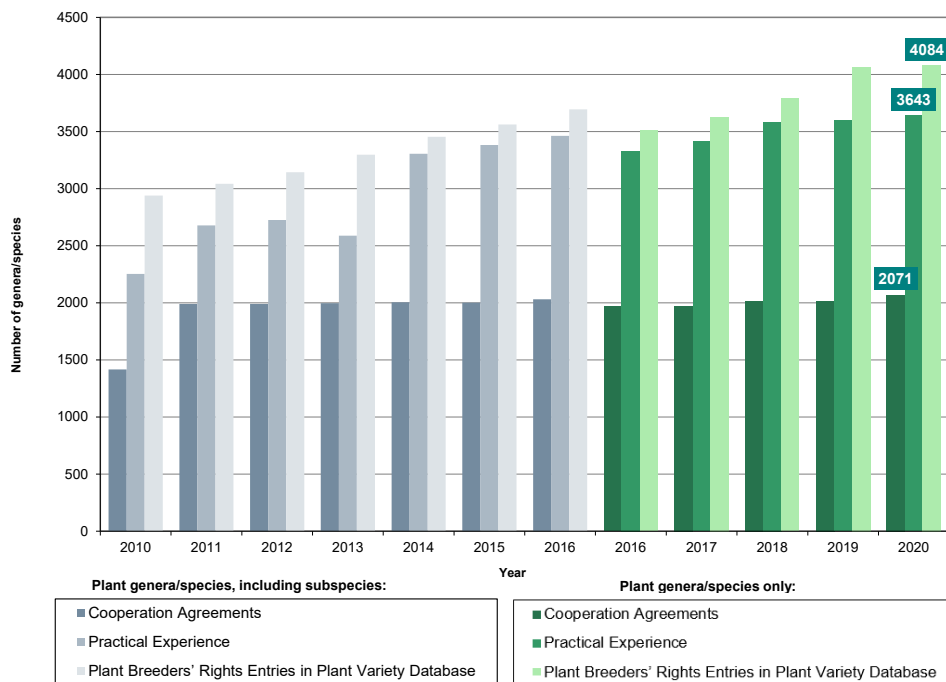


Figure 26. Total number of Test Guidelines adopted (by region of the leading expert)



Expected Results	Performance Indicators	Performance Data
4. Cooperation in DUS examination	(a) Plant genera and species for which members of the Union have practical experience included in GENIE database;	see figure 27
	(b) Plant genera and species for which members of the Union cooperate in DUS examination included in GENIE database;	see figure 27
	(c) New initiatives to facilitate or enhance voluntary cooperation between members of the Union.	<p>The TC agreed to propose the development of a package of compatible IT tools with the following elements:</p> <ul style="list-style-type: none"> <li>(a) Platform for: <ul style="list-style-type: none"> <li>(i) exchange of existing DUS reports for: <ul style="list-style-type: none"> <li>(1) UPOV members to post and receive existing DUS reports and arrange payment, as appropriate</li> <li>(2) PVP applicants to request use of existing DUS reports and make payments, as appropriate</li> </ul> </li> <li>(ii) UPOV members to make their documented DUS procedures and information on their quality management systems available to other members of the Union</li> </ul> </li> <li>(b) Tool to provide information on cooperation in DUS examination between UPOV members to PVP applicants in a user-friendly form, using information contained in the GENIE database</li> <li>(c) Module for UPOV members to use the web-based TG Template and database of characteristics to develop individual authorities' test guidelines (IATG) in their language</li> <li>(d) Platform for UPOV member databases containing variety description information</li> </ul> <p>The TC requested the Office of the Union to identify Test Guidelines where a partial revision of the Test Guidelines, including the Technical Questionnaires, could be anticipated to produce significant benefits for harmonization between members and to present proposals for partial revisions to the Technical Working Parties, at their sessions in 2021. The Test Guidelines identified have a large number of PBR applications in several members of the Union, and a number of members of the Union have indicated that their technical questionnaires have differences from the UPOV Technical Questionnaire. The crops are also relevant for UPOV PRISMA.</p>

Figure 27. Plant Genera/Species with Cooperation Agreements, Practical Experience and Plant Breeders' Rights Entries in Plant Variety Database



Expected Results	Performance Indicators	Performance Data
5. Cooperation in examination of variety denominations and novelty	(a) Quantity and quality of data in PLUTO database:	
	(i) number of contributors;	- Number of contributors included in the PLUTO database: 65 in 2020 (64 in 2019; 63 in 2018; 62 in 2017) - Number of members of the Union that contributed data: 47 in 2020 (49 in 2019; 48 in 2018; 48 in 2017)
	(ii) number of new submissions;	- Number of submissions of new data: 300 in 2020 (294 in 2019; 248 in 2018; 222 in 2017) - Number of members of the Union that contributed data for the first time: 0 in 2020 (1 in 2019; 1 in 2018; 2 in 2017)
	(iii) number of records;	Total number of records included in the PLUTO database at the end of 2020: 825,769 (873,549 at the end of 2019; 828,808 at the end of 2018; 797,669 at the end of 2017)
	(iv) number of mandatory items provided;	n/a
	(v) number of non-mandatory items provided;	n/a
	(b) Number of PLUTO users and frequency of use;	1,958 PLUTO users in 2020
(c) Development and approval by the Council of a UPOV similarity search tool for variety denominations for inclusion in PLUTO database;	The CAJ noted the conclusion of the CPVO and the Office of the Union that the CPVO similarity algorithm is performing well and that, for the time being, it would not be a suitable use of resources to seek improvements to the algorithm for the purposes of checking the similarity of variety denominations. The CAJ agreed that the Office of the Union explore with the CPVO possibilities for the variety denomination search tool to consider checking denominations for characteristics	
(d) New initiatives to facilitate or enhance voluntary cooperation between members of the Union.	UPOV Office provided training activities for support UPOV tools including PLUTO	

Expected Results	Performance Indicators	Performance Data
6. Development of UPOV PRISMA	(a) Number of UPOV members participating in UPOV PRISMA;	At the end of 2020, 35 members of the Union, covering 74 States
	(b) Number of crops/species covered by UPOV PRISMA;	At the end of 2020, UPOV PRISMA was available for all genera and species in 23 members of the Union, and for a limited list of genera & species in 12 UPOV members
	(c) Number of applications made via UPOV PRISMA;	In 2020, 222 applications were made for PBR via UPOV PRISMA (219 in 2019; 77 in 2018; 14 in 2017). In 2020, 2 applications were made for National Listing via UPOV PRISMA (5 in 2019)
	(d) Number of registered UPOV PRISMA users;	At the end of 2020, 219 Users were registered in UPOV PRISMA (115 Breeders, 104 Agents) (140 in 2019: 88 breeders/ 52 agents)
	(e) Number of UPOV members receiving applications via UPOV PRISMA;	In 2020, 23 participating UPOV members received applications via UPOV PRISMA (26 in 2019)
	(f) Number of crops/species for which applications made using UPOV PRISMA;	At the end of 2020, there were 41 crops/species (including subspecies) for which applications were made using UPOV PRISMA. In 2019, there were 45 crops/species (including subspecies) for which applications were made using UPOV PRISMA.
	(g) Number of UPOV members using UPOV PRISMA as their exclusive online tool for PBR applications;	n/a
	(h) Development of Technical Questionnaires agreed between interested members of the Union for crops/species not covered by Test Guidelines.	At the end of 2020, no technical questionnaire agreed between interested members of the Union for crops/species not covered by Test Guidelines were developed

## SUB-PROGRAM UV.3: Assistance in the Introduction and Implementation of the UPOV System

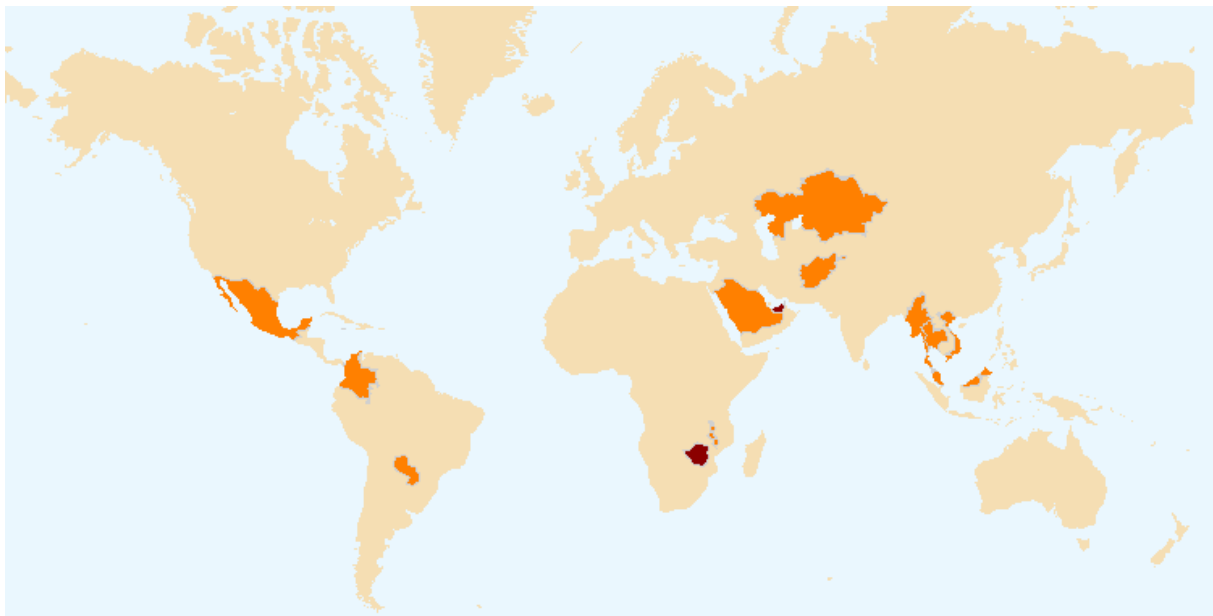
### Objectives:

- (a) To raise awareness of the role of plant variety protection according to the UPOV Convention.
- (b) 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.
- (c) To assist States and organizations in their accession to the 1991 Act of the UPOV Convention.
- (d) To assist States and organizations in implementing an effective plant variety protection system in accordance with the UPOV Convention.

### Performance Data:

Expected Results	Performance Indicators	Performance Data
1. Raising awareness of the role of plant variety protection in accordance with the UPOV Convention	(a) States and organizations that initiate with the Council of UPOV the procedure for becoming members of the Union;	see figure 28
	(b) States and organizations that contact the Office of the Union for assistance in the development of legislation on plant variety protection;	see figure 28

Figure 28. States and organizations that contacted the Office of the Union in 2020 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

United Arab Emirates and Zimbabwe (2)

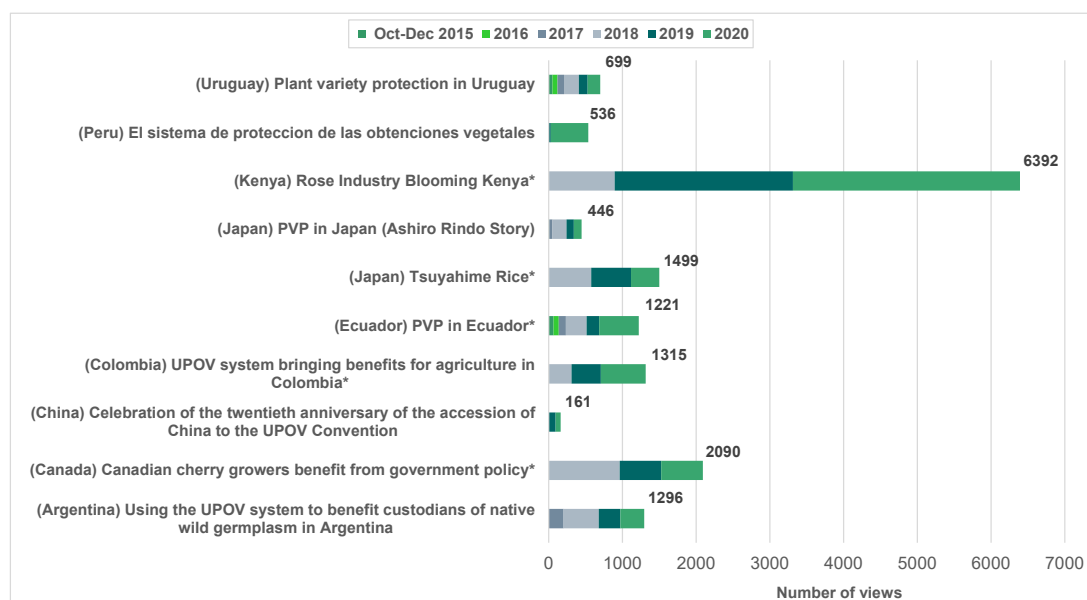
■ States and organizations that contacted the Office of the Union for assistance in the development of legislation on plant variety protection

Members of the Union (4): Colombia, Mexico, Paraguay and Viet Nam

Non-members of the Union (12): Afghanistan, Jamaica, Kazakhstan, Liechtenstein, Malaysia, Malawi, Myanmar, Saint Vincent and the Grenadines, Saudi Arabia, Thailand, United Arab Emirates and Zimbabwe

Expected Results	Performance Indicators	Performance Data
1. Raising awareness of the role of plant variety protection in accordance with the UPOV Convention	(c) States and organizations provided with information at UPOV activities;	see Annex V to this document
	(d) States and organizations participating in study tours;	see Annex V to this document
	(e) Participation in UPOV awareness-raising activities, or activities involving UPOV;	see Annex V to this document
	(f) Number of studies published on UPOV website;	No new studies published
	(g) Number of visits to benefits page on UPOV website;	4,125 pageviews in 2020 (4,670 in 2019)
	(h) Number of videos published on UPOV website;	No new videos published
	(i) Number of views of videos published on UPOV website;	Combined total views : 35,247 see figure 29
	(j) Number of followers on UPOV Twitter accounts;	@UPOVint: 1,316 on 31/12/2020 (726 on 31/12/2019) @vsgupov: 606 on 31/12/2020 (451 on 31/12/2019)
	(k) Number of relevant languages in which studies and videos are available.	All videos on the Benefits page of the UPOV website are available in English, French and Spanish. In addition, the following languages are available as indicated below: - (Japan) Tsuyahime Rice ( <i>Chinese and Thai</i> ) Studies: - UPOV Report on the Impact of Plant Variety Protection ( <i>English, French, German, Spanish</i> ) - Socio-economic benefits of UPOV membership in Viet Nam: An ex-post assessment on plant breeding and agricultural productivity after 10 years (Corresponding author: Steffen Noleppa) by HFFA Research GmbH ( <i>English and Vietnamese</i> )

Figure 29: Visits to the UPOV website<sup>i</sup> – Videos on Benefits page

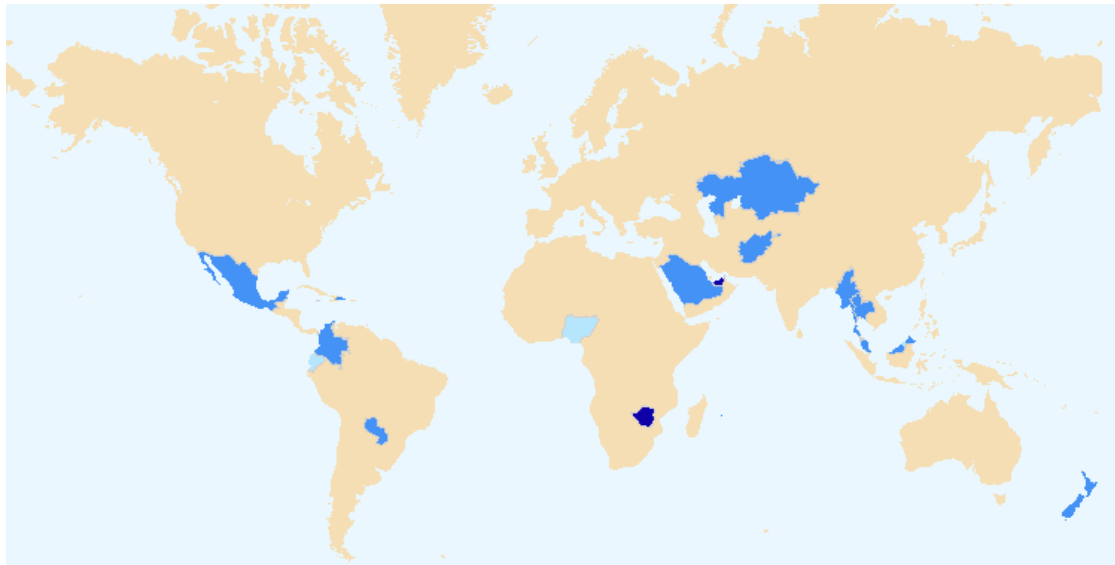


\*All language versions and long and short versions, where applicable.

Note: Analytics are only provided for videos viewed on Youtube ([https://www.upov.int/about/en/benefits\\_upov\\_system.html](https://www.upov.int/about/en/benefits_upov_system.html)).

Expected Results	Performance Indicators	Performance Data
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;	see Annex V to this document and figure 30
	(b) States and organizations provided with comments on laws;	see figures 30 and 31
	(c) States and organizations receiving a positive advice from the Council;	see figures 30 and 32
	(d) Participation in workshops on laws.	see Annex V to this document

Figure 30. 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  
 United Arab Emirates and Zimbabwe (2)  
 (see also figure 32)
  
- States and organizations provided with comments on laws  
 Members of the Union (4): Colombia, Mexico, New Zealand and Paraguay  
 Non-members of the Union (12): Afghanistan, Jamaica, Kazakhstan, Liechtenstein, Malaysia, Mauritius, Myanmar, Saint Vincent and the Grenadines, Saudi Arabia, Thailand, United Arab Emirates, and Zimbabwe  
 (see also figure 31)
  
- Meetings with government officials to discuss legislative matters;  
 Members of the Union (3): Colombia, Ecuador and Mexico  
 Non-members of the Union (9): Afghanistan, Brunei Darussalam, Jamaica, Malaysia, Mauritius, Nigeria, Saint Vincent and the Grenadines, Thailand and United Arab Emirates



Figure 31. States/Organizations provided with comments on laws

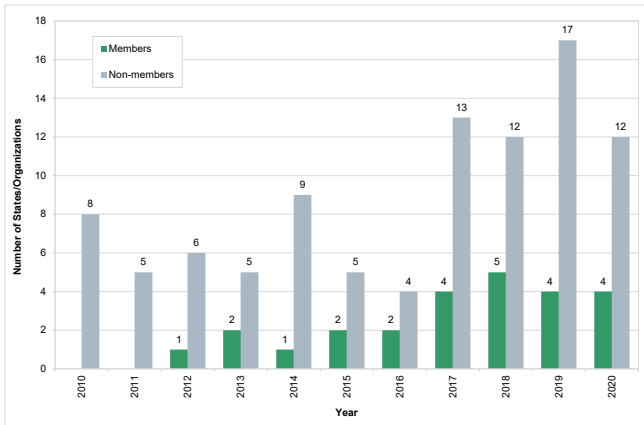
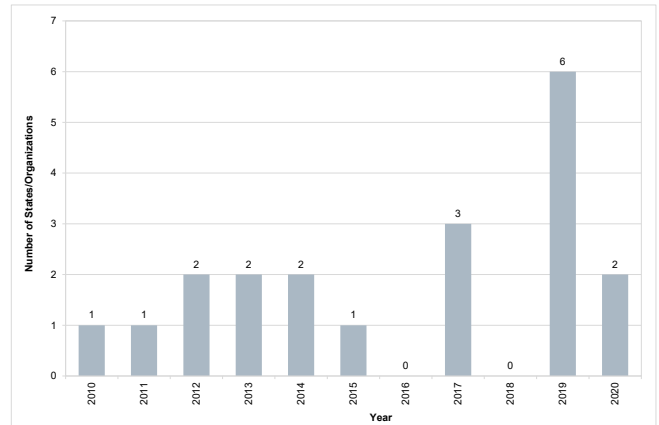


Figure 32. States/Organizations which received positive advice from the Council



Expected Results	Performance Indicators	Performance Data
3. Assistance to States and organizations in the accession to the 1991 Act of the UPOV Convention	(a) States that accede to or ratify the 1991 Act of the UPOV Convention;	None - see figure 33
	(b) States and organizations that become members of the Union;	None - see figure 34
	(c) Meetings with government officials to discuss legislative matters;	see Annex V to this document and figure 30
	(d) States and organizations provided with comments on laws.	see figures 30 and 31

Figure 33. Accession to/ratification of the 1991 Act

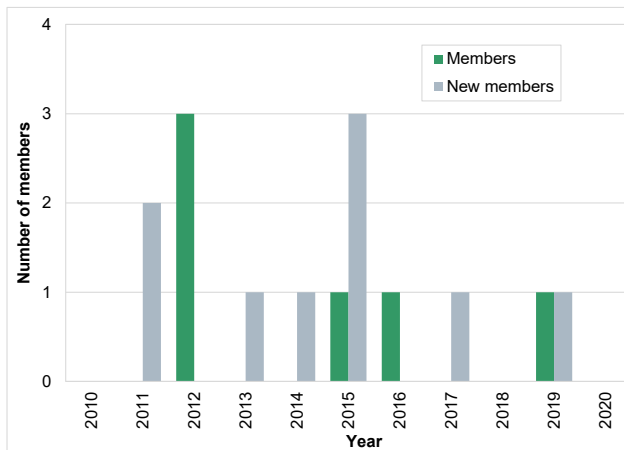
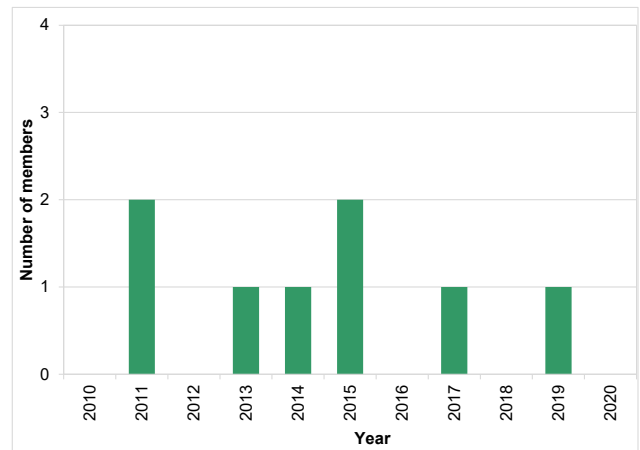


Figure 34. New members of the Union



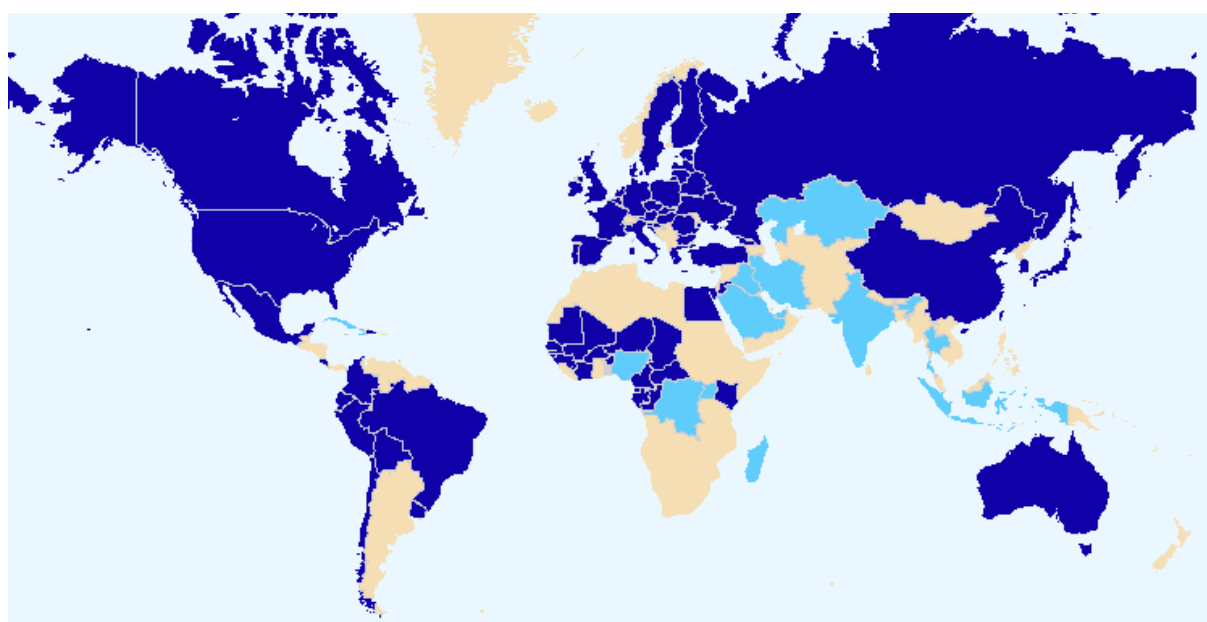
Expected Results	Performance Indicators	Performance Data
4. Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention	(a) Participation in distance learning courses;	see figures 35 and 36, and figure 6

Number of participants in main sessions\* of UPOV distance learning courses in 2020 by category

Category	Number of participants				
	DL-205	DL-305	DL-305A	DL-305B	Total
Category 1: Government officials of members of the Union	386	86	60	59	591
Category 2: Officials of observer States / intergovernmental organizations	43	9	12	4	68
Category 3: Others (Fee: CHF1,000)	22	1	1	-	24
Category 4: Discretionary waiving of fee for selected students	8	2	-	-	10
<b>Total:</b>	<b>459</b>	<b>98</b>	<b>73</b>	<b>63</b>	<b>693</b>
	(353 in 2019)	(93 in 2019)	(51 in 2019)	(38 in 2019)	(535 in 2019)

\*Including additional special session in English for students aimed at Category 3 during COVID-19 confinement period.

Figure 35. UPOV DL-205, DL-305, DL-305A and DL-305B Courses: 2020 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

47 members: African Intellectual Property Organization (OAPI, including participants from Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Congo, Côte d'Ivoire, Guinea, Mali, Niger and Senegal), Australia, Austria, Belarus, Belgium, Bolivia (Plurinational State of), Brazil, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, Estonia, European Union (EU, including participants from Greece), France, Georgia, Germany, Ireland, Italy, Japan, Jordan, Kenya, Latvia, Lithuania, Mexico, Netherlands, Peru, Poland, Portugal, Republic of Korea, Russian Federation, Slovakia, Slovenia, Spain, Sweden, Trinidad and Tobago, Turkey, Ukraine, United Kingdom, United States of America, Uruguay

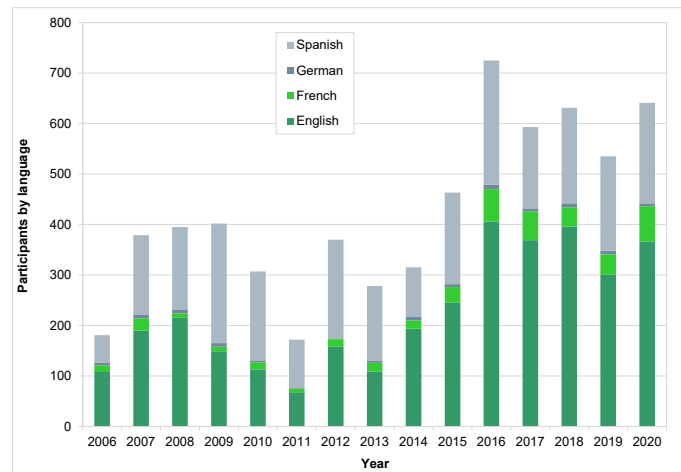


Non-members of the Union

17 States: Barbados, Brunei Darussalam, Cuba, Democratic Republic of the Congo, Haiti, India, Indonesia, Iran (Islamic Republic of), Iraq, Jamaica, Kazakhstan, Madagascar, Nigeria, Saudi Arabia, Thailand, Uganda, United Arab Emirates

There were also participants from CIOPORA, EPO, FAO and WIPO.

Figure 36. Participants in all distance learning courses by language



Expected Results	Performance Indicators	Performance Data
4. Assistance in implementing an effective plant variety protection system in accordance with the UPOV Convention (continued)	(b) Participation in UPOV training/assistance activities;	see Annex V to this document
	(c) Participation in training/assistance activities developed in conjunction with UPOV;	see Annex V to this document
	(d) Participation in activities involving UPOV staff or UPOV trainers on behalf of UPOV staff;	see Annex V to this document
	(e) Participation by observer States and organizations in the CAJ, TC, TWP 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-section (a)
	(f) Participation in training/assistance activities operated by third parties to which UPOV substantially contributed;	see Annex V to this document
	(g) Academic institutions that include information on the UPOV system and which invite UPOV to contribute;	see Annex V to this document
	(h) Number of students studying academic courses from academic institutions that include information on the UPOV system and which invite UPOV to contribute;	see Annex V to this document
	(i) Number of academic institutions that include participation of students in UPOV distance learning courses;	5 (in 2020): <ul style="list-style-type: none"> <li>- La Salle Beauvais University - IP Plant Breeding Master Programme</li> <li>- OAPI Masters IP Training Course</li> <li>- Máster Lvcentinvs in Plant Variety Protection, Alicante University</li> <li>- Advanced Masters Intellectual Property Law and Knowledge Management, University of Maastricht</li> <li>- IP Master of WIPO, ILO, Turin University</li> </ul>
	(j) Availability of materials in relevant languages.	No developments in 2020

## SUB-PROGRAM UV.4: External Relations

### Objectives

- (a) To broaden and enhance the understanding of the UPOV system of plant variety protection.
- (b) To provide information on the UPOV Convention to other intergovernmental organizations, with the aim of achieving mutual supportiveness with other international treaties.

### Performance Data:

Expected Results	Performance Indicators	Performance Data
1. Broaden public understanding of UPOV's role and activities	(a) Availability of suitable information and materials for the general public on UPOV website;	<ul style="list-style-type: none"> <li>- Adoption of FAQ on the How does the UPOV system support sustainable development?</li> <li>- 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)</li> <li>- 3 press releases</li> </ul>
	(b) Number of new visitors to UPOV website;	14% increase in the number of visitors in 2020: 106,164 unique users in 2020 (92.966 in 2019) see figure 37
	(c) Number of visits to general public feature on UPOV website;	see figure 9 (above) and figure 38
	(d) Improved design of UPOV website, including responsive layout;	<p>The Consultative Committee, at its ninety-sixth session, approved the proposed redesign of the UPOV website as demonstrated at the session and noted the plans for the implementation of the redesigned UPOV website and a new content management system (CMS).</p> <p>To ensure compatibility between the UPOV and WIPO websites that would allow UPOV to benefit from WIPO resources, work on the redesign of the UPOV website was postponed until the World Intellectual Property Organization (WIPO) had selected a new content management system (CMS).</p>

Figure 37. Visits to the UPOV website<sup>1</sup> – Number of visitors

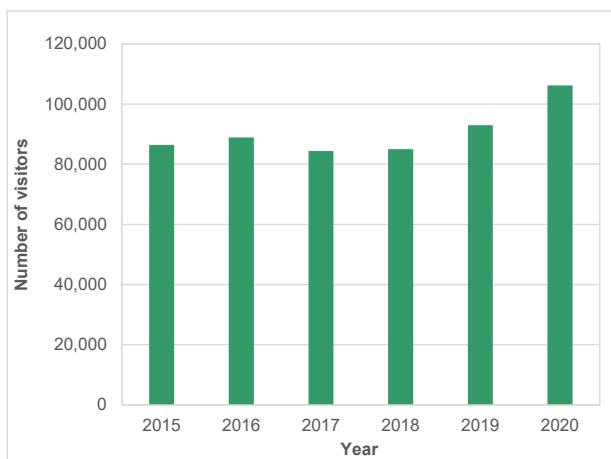
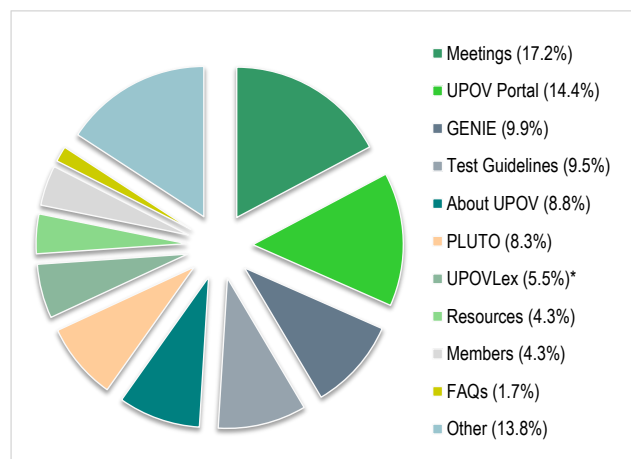


Figure 38. Website Overview for 2020: Where are the users going?



\*On June 17, 2020, UPOV LEX migrated to the cloud. The change in technology resulted in a reduction of the number of pageviews by up to 4 to reach the same information, which is reflected in the 2020 analytics.

Expected Results	Performance Indicators	Performance Data
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1. Broaden public understanding of UPOV's role and activities	(e) Information provided via UPOV Twitter and UPOV Vice Secretary-General's Twitter accounts	see figures 7 and 8 (above), and figures 39 and 40
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Evolution of use of social media: Followers

Figure 39: UPOV LinkedIn followers

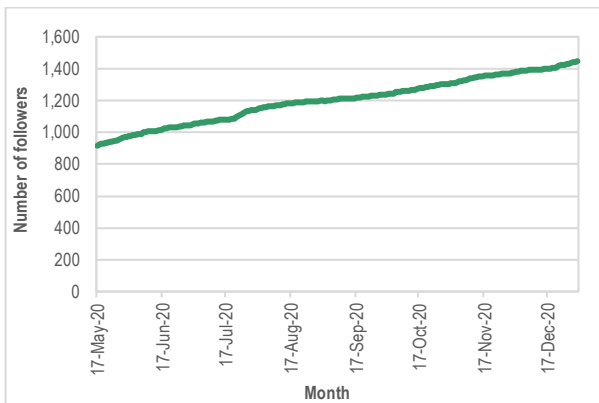
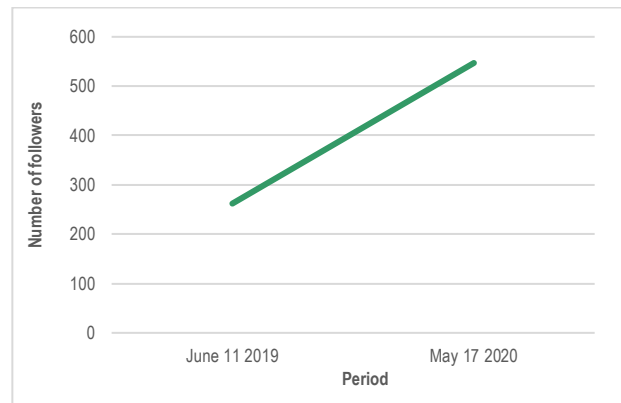


Figure 40: Peter Button LinkedIn followers



Note: The UPOV LinkedIn account was not used prior to July 2019. Analytics tracked from May 17 2020, onwards.

Expected Results	Performance Indicators	Performance Data
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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 for stakeholders, particularly for breeders and farmers;	see Sub-Program UV.4, performance indicator "1. Broaden public understanding of UPOV's role and activities",
	(b) Number of visits to stakeholder features on the UPOV website;	After analysis of the level of use of the stakeholder features on the UPOV website and the launch of Twitter and LinkedIn accounts, it had been concluded that stakeholder features were not an essential feature of the main UPOV webpage and would not be included in the redesigned UPOV website.
	(c) Participation by stakeholders in seminars and symposia;	see Annex V to this document
	(d) Participation at meetings of, and with, relevant stakeholders;	see Annex V to this document
	(e) Articles in relevant publications to which UPOV has contributed.	No new articles
3. Enhance understanding of UPOV's role and activities with other organizations	(a) Participation at meetings of, and with, relevant organizations;	see Annex V to this document
	(b) Initiatives of the World Seed Partnership;	Finalization of WSP infographic (See worldseedpartnership.org) see Annex V to this document
	(c) Contributions to relevant organizations.	see Annex V to this document

## III. ANNEXES

### ANNEX I Extrabudgetary Funds (Funds in Trust)

The extrabudgetary funds (including funds in trust) allocated by donors are presented below as independent accounts.

Fund-in-Trust Donor <i>(in Swiss francs)</i>	Fund code	Balance as at December 31, 2019	Income 2020				Expenditure 2020				Reimbursements to donors	Transfer to UPOV 2020 Statement of Financial Performance	Balance as at December 31, 2020
			Funds received	Interest	Exch. Rate. Difference	Total Income	Staff expenditure	Other direct expenditure	Administrative support costs	Total expenditure			
Canada	UCFIA	-	43,448	-	-	43,448	-	1,155	150	1,305	-	-	42,143
Japan	UJAPN	273,212	363,636	-	-	363,636	-	217,399	28,262	245,661	-	-	391,187
United States of America	U_USA	-3,944	46,128	-	-	46,128	-	3,578	465	4,043	42,085	3,944	-
Netherlands	U_UNLD	3,735	-	-	-	-	-	80	10	90	-	-	3,645
Multi-donor UPOV PRISMA	U_EAF	16,755	-	-	-	-	-	16,755	-	16,755	-	-	-
Multi-donor UPOV PRISMA	U_PRI	10,711	21,290	-	-	21,290	-	9,479	1,232	10,711	-	-	21,290
<b>TOTAL</b>		<b>300,469</b>	<b>474,502</b>	<b>-</b>	<b>-</b>	<b>474,502</b>	<b>-</b>	<b>248,446</b>	<b>30,119</b>	<b>278,565</b>	<b>42,085</b>	<b>3,944</b>	<b>458,265</b>

#### Income and expenditure by Fund for the year 2020

Canada <i>(in Swiss francs)</i>		
Balance as at January 1, 2020		-
<i>Income</i>		
Funds received	43,448	
Interest	-	43,448
<i>Expenditure</i>		
Staff missions	36	
Third-party travel	1,119	
Conferences	-	
Other contractual services	-	
Bank charges	-	
Total direct expenditure	1,155	
Program support costs	150	(1,305)
Funds available as at December 31, 2020		42,143

*Note: Funds in trust in the form of an extrabudgetary fund from the Government of Canada intended for implementing a technical assistance project in Senegal to improve the capacity of the Ministry of Agriculture and Rural Infrastructure in certain aspects of agriculture, including training and capacity building in order to implement UPOV and Plant Breeders' Rights Intellectual Property regime.*

<b>Japan</b> <i>(in Swiss francs)</i>		
<b>Balance as at January 1, 2020</b>		273,212
<i>Income</i>		
Funds received	363,636	
Interest	-	363,636
<i>Expenditure</i>		
Staff missions	(695)	
Third-party travel	3,847	
Conferences	-	
Other contractual services	214,167	
Bank charges	80	
Total direct expenditure	217,399	
Program support costs	28,262	(245,661)
<b>Funds available as at December 31, 2020</b>		<b>391,187</b>

*Note: Funds in trust in the form of an extrabudgetary fund from the Government of Japan intended for regional seminars, workshops on the protection of new plant varieties in the Asian region and the development of the EAPVP Pilot Project.*

<b>United States of America</b> <i>(in Swiss francs)</i>		
<b>Balance as at January 1, 2020</b>		(3,944)
<i>Income</i>		
Funds received	46,128	
Interest	-	46,128
<i>Expenditure</i>		
Staff missions	-	
Third-party travel	3,578	
Conferences	-	
Other contractual services	-	
Bank charges	-	
Total direct expenditure	3,578	
Program support costs	465	(4,043)
Reimbursement to the donor		(42,085)
Transfer to UPOV 2020 Statement of Financial Performance		3,944
<b>Funds available as at December 31, 2020</b>		<b>-</b>

*Note: Extrabudgetary fund from the Government of the United States of America, intended for education in intellectual property protection in the area of plant variety protection.*

<b>Netherlands</b> <i>(in Swiss francs)</i>		
<b>Balance as at January 1, 2020</b>		3,735
<i>Income</i>		
Funds received	-	
Interest	-	-
<i>Expenditure</i>		
Staff missions	-	
Third-party travel	-	
Conferences	-	
Other contractual services	-	
Bank charges	80	
Total direct expenditure	80	
Program support costs	10	(90)
<b>Funds available as at December 31, 2020</b>		<b>3,645</b>

*Note: Extrabudgetary fund from the Netherlands intended to provide and promote the UPOV system of plant variety protection.*

<b>UPOV EAF (former PRISMA)</b> <i>(in Swiss francs)</i>		
<b>Balance as at January 1, 2020</b>		16,755
<i>Income</i>		
Funds received	-	
Interest	-	-
<i>Expenditure</i>		
Staff missions	-	
Third-party travel	-	
Conferences	-	
Other contractual services	16,755	
Bank charges	-	
Total direct expenditure	16,755	
Program support costs	-	(16,755)
<b>Funds available as at December 31, 2020</b>		<b>-</b>

*Note: Extrabudgetary fund from various organizations, communities and federations to promote the UPOV PRISMA PBR application tool. UPOV PRISMA is an on-line tool to assist in making plant variety protection (PVP) applications to PVP Offices of participating members of the Union. This extrabudgetary fund is now closed.*

<b>UPOV PRISMA costs (new PRISMA)</b> <i>(in Swiss francs)</i>		
<b>Balance as at January 1, 2020</b>		10,711
<i>Income</i>		
Funds received	21,290	
Interest	-	21,290
<i>Expenditure</i>		
Staff missions	-	
Third-party travel	-	
Conferences	-	
Other contractual services	9,479	
Bank charges	-	
Total direct expenditure	9,479	
Program support costs	1,232	(10,711)
<b>Funds available as at December 31, 2020</b>		<b>21,290</b>

*Note: UPOV PRISMA is an on-line tool to assist in making plant variety protection (PVP) applications to PVP Offices of participating members of the Union. The UPOV PRISMA Fund is a contribution made by Naktuinbouw (Netherlands) to support the development of UPOV PRISMA.*

[Annex II follows]



## ANNEX II Working Capital Fund and Contributions

### Working Capital Fund as at December 31, 2020

Under Regulation 4.2 of the Financial Regulations and Rules of UPOV (see document UPOV/INF/4/6), UPOV has a Working Capital Fund. According to the Statement of Financial Position as at December 31, 2020, the Working Capital Fund stands at 575,011 Swiss francs. The share of each member of the Union, calculated in accordance with the decision taken by the Council at its twenty-third extraordinary session, held in Geneva on April 7, 2006 (see document C(Extr.)/23/5 "Report", paragraph 12, Annex II and document UPOV/INF/13/2, Annex), is as follows:

Member of the Union	Amount (in Swiss francs)	Member of the Union	Amount (in Swiss francs)
African Intellectual Property Organization	1,667	Latvia	1,667
Albania	1,667	Lithuania	1,667
Argentina	4,167	Mexico	6,250
Australia	8,333	Montenegro	1,667
Austria	12,500	Morocco	1,667
Azerbaijan	1,667	Netherlands	24,999
Belarus	1,667	New Zealand	8,333
Belgium	8,333	Nicaragua	1,667
Bolivia (Plurinational State of)	1,667	North Macedonia	1,667
Bosnia and Herzegovina	1,667	Norway	8,333
Brazil	2,083	Oman	8,333
Bulgaria	1,667	Panama	1,667
Canada	8,333	Paraguay	1,667
Chile	1,667	Peru	1,667
China	16,666	Poland	4,167
Colombia	1,667	Portugal	4,167
Costa Rica	1,667	Republic of Korea	12,500
Croatia	1,667	Republic of Moldova	1,667
Czech Republic	4,167	Romania	1,667
Denmark	8,333	Russian Federation	16,666
Dominican Republic	1,667	Serbia	1,667
Ecuador	1,667	Singapore	1,667
Egypt	1,667	Slovakia	4,167
Estonia	1,667	Slovenia	1,667
European Union	41,667	South Africa	8,333
Finland	8,333	Spain	12,500
France	41,667	Sweden	8,333
Georgia	1,667	Switzerland	8,333
Germany	41,667	Trinidad and Tobago	1,667
Hungary	4,167	Tunisia	1,667
Iceland	1,667	Turkey	4,167
Ireland	8,333	Ukraine	4,167
Israel	4,167	United Kingdom	41,667
Italy	16,666	United Republic of Tanzania	1,667
Japan	41,667	United States of America	41,667
Jordan	1,667	Uruguay	1,667
Kenya	1,667	Uzbekistan	1,667
Kyrgyzstan	1,667	Viet Nam	1,667
		<b>Total</b>	<b>575,011</b>

## Contributions of Members of the Union

Members of the Union	Contribution	January 2020 Amount Payable (in Swiss francs)	Members of the Union	Contribution	January 2020 Amount Payable (in Swiss francs)
African Intellectual Property Organization	0.2	10,728	Latvia	0.2	10,728
Albania	0.2	10,728	Lithuania	0.2	10,728
Argentina	0.5	26,820	Mexico	0.75	40,231
Australia	1	53,641	Montenegro	0.2	10,728
Austria	0.75	40,231	Morocco	0.2	10,728
Azerbaijan	0.2	10,728	Netherlands	3	160,923
Belarus	0.2	10,728	New Zealand	1	53,641
Belgium	1.5	80,462	Nicaragua	0.2	10,728
Bolivia (Plurinational State of)	0.2	10,728	North Macedonia	0.2	10,728
Bosnia and Herzegovina	0.2	10,728	Norway	1	53,641
Brazil	0.25	13,410	Oman	1	53,641
Bulgaria	0.2	10,728	Panama	0.2	10,728
Canada	1	53,641	Paraguay	0.2	10,728
Chile	0.2	10,728	Peru	0.2	10,728
China	2	107,282	Poland	0.5	26,820
Colombia	0.2	10,728	Portugal	0.2	10,728
Costa Rica	0.2	10,728	Republic of Korea	1.5	80,462
Croatia	0.2	10,728	Republic of Moldova	0.2	10,728
Czech Republic	0.5	26,820	Romania	0.2	10,728
Denmark	0.5	26,820	Russian Federation	2	107,282
Dominican Republic	0.2	10,728	Serbia	0.2	10,728
Ecuador	0.2	10,728	Singapore	0.2	10,728
Egypt	0.2	10,728	Slovakia	0.5	26,820
Estonia	0.2	10,728	Slovenia	0.2	10,728
European Union	5	268,205	South Africa	1	53,641
Finland	1	53,641	Spain	2	107,282
France	5	268,205	Sweden	1.5	80,462
Georgia	0.2	10,728	Switzerland	1.5	80,462
Germany	5	268,205	Trinidad and Tobago	0.2	10,728
Hungary	0.5	26,820	Tunisia	0.2	10,728
Iceland	0.2	10,728	Turkey	0.5	26,820
Ireland	1	53,641	Ukraine	0.2	10,728
Israel	0.5	26,820	United Kingdom	2	107,282
Italy	2	107,282	United Republic of Tanzania	0.2	10,728
Japan	5	268,205	United States of America	5	268,205
Jordan	0.2	10,728	Uruguay	0.2	10,728
Kenya	0.2	10,728	Uzbekistan	0.2	10,728
Kyrgyzstan	0.2	10,728	Viet Nam	0.2	10,728
			<b>Total</b>		<b>3,548,342</b>

## Amounts of the Contributions Due as at December 31, 2020

Members of the Union	No arrears/year(s) of arrears	Amount of arrears (in Swiss francs)		Members of the Union	No arrears/year(s) of arrears	Amount of arrears (in Swiss francs)	
			Total				Total
African Intellectual Property Organization	2020 contribution		10,728	Latvia	No arrears		
Albania	No arrears			Lithuania	No arrears		
Argentina	2020 contribution		26,820	Mexico	No arrears		
Australia	No arrears			Montenegro	No arrears		
Austria	No arrears			Morocco	No arrears		
Azerbaijan	No arrears			Netherlands	No arrears		
Belarus	No arrears			New Zealand	No arrears		
Belgium	No arrears			Nicaragua	No arrears		
Bolivia (Plurinational State of)	2018 contribution	10,728		North Macedonia	2020 contribution		10,728
	2019 contribution	10,728		Norway	No arrears		
	2020 contribution	10,728	32,184	Oman	No arrears		
Bosnia and Herzegovina	No arrears			Panama	2020 contribution		10,728
Brazil	2019 contribution	13,410		Paraguay	No arrears		
	2020 contribution	13,410	26,820	Peru	No arrears		
Bulgaria	No arrears			Poland	No arrears		
Canada	No arrears			Portugal	No arrears		
Chile	2020 contribution (balance)		2,546	Republic of Korea	No arrears		
China	No arrears			Republic of Moldova	No arrears		
Colombia	No arrears			Romania	No arrears		
Costa Rica	No arrears			Russian Federation	No arrears		
Croatia	No arrears			Serbia	No arrears		
Czech Republic	No arrears			Singapore	No arrears		
Denmark	No arrears			Slovakia	No arrears		
Dominican Republic	2020 contribution (balance)		558	Slovenia	No arrears		
Ecuador	No arrears			South Africa	No arrears		
Egypt	2020 contribution		10,728	Spain	No arrears		
Estonia	No arrears			Sweden	No arrears		
European Union	No arrears			Switzerland	No arrears		
Finland	No arrears			Trinidad and Tobago	No arrears		
France	No arrears			Tunisia	No arrears		
Georgia	No arrears			Turkey	No arrears		
Germany	No arrears			Ukraine	No arrears		
Hungary	No arrears			United Kingdom	No arrears		
Iceland	No arrears			United Republic of Tanzania	2018 contribution (balance)	9,988	
Ireland	No arrears				2019 contribution	10,728	
Israel	No arrears				2020 contribution	10,728	31,444
Italy	No arrears			United States of America	No arrears		
Japan	No arrears			Uruguay	2020 contribution		10,728
Jordan	2020 contribution (balance)		228	Uzbekistan	No arrears		
Kenya	No arrears			Viet Nam	2020 contribution		10,728
Kyrgyzstan	No arrears						
				<b>Total</b>			<b>184,968</b>

**Contribution Payments Received in Advance**

<b>Contributions for 2021, already received by December 31, 2020</b>	
<b>Members of the Union</b>	<b>Amount</b> <i>(in Swiss francs)</i>
Australia	53,641
Costa Rica	10,728
Lithuania	10,728
Mexico	40,231
Netherlands	160,923
New Zealand	53,641
Oman	450
Poland	26,820
Singapore	10,728
Slovakia	26,820
Uzbekistan	10,728
<b>Total advance payment of contributions</b>	<b>405,438</b>

[Annex III follows]

## ANNEX III Status in relation to UPOV

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>	Ireland <sup>2</sup>	Norway <sup>1</sup>	Spain <sup>2</sup>
Albania <sup>2</sup>	Costa Rica <sup>2</sup>	Israel <sup>2</sup>	Oman <sup>2</sup>	Sweden <sup>2</sup>
Argentina <sup>1</sup>	Croatia <sup>2</sup>	Italy <sup>1</sup>	Panama <sup>2</sup>	Switzerland <sup>2</sup>
Australia <sup>2</sup>	Czech Republic <sup>2</sup>	Japan <sup>2</sup>	Paraguay <sup>1</sup>	Trinidad and Tobago <sup>1</sup>
Austria <sup>2</sup>	Denmark <sup>2</sup>	Jordan <sup>2</sup>	Peru <sup>2</sup>	Tunisia <sup>2</sup>
Azerbaijan <sup>2</sup>	Dominican Republic <sup>2</sup>	Kenya <sup>2</sup>	Poland <sup>2</sup>	Turkey <sup>2</sup>
Belarus <sup>2</sup>	Ecuador <sup>1</sup>	Kyrgyzstan <sup>2</sup>	Portugal <sup>1</sup>	Ukraine <sup>2</sup>
Belgium <sup>2</sup>	Egypt <sup>2</sup>	Latvia <sup>2</sup>	Republic of Korea <sup>2</sup>	United Kingdom <sup>2</sup>
Bolivia (Plurinational State of) <sup>1</sup>	Estonia <sup>2</sup>	Lithuania <sup>2</sup>	Republic of Moldova <sup>2</sup>	United Republic of Tanzania <sup>2</sup>
Bosnia and Herzegovina <sup>2</sup>	European Union <sup>2, 3</sup>	Mexico <sup>1</sup>	Romania <sup>2</sup>	United States of America <sup>2</sup>
Brazil <sup>1</sup>	Finland <sup>2</sup>	Montenegro <sup>2</sup>	Russian Federation <sup>2</sup>	Uruguay <sup>1</sup>
Bulgaria <sup>2</sup>	France <sup>2</sup>	Morocco <sup>2</sup>	Serbia <sup>2</sup>	Uzbekistan <sup>2</sup>
Canada <sup>2</sup>	Georgia <sup>2</sup>	Netherlands <sup>2</sup>	Singapore <sup>2</sup>	Viet Nam <sup>2</sup>
Chile <sup>1</sup>	Germany <sup>2</sup>	New Zealand <sup>1</sup>	Slovakia <sup>2</sup>	
China <sup>1</sup>	Hungary <sup>2</sup>	Nicaragua <sup>1</sup>	Slovenia <sup>2</sup>	
	Iceland <sup>2</sup>	North Macedonia <sup>2</sup>	South Africa <sup>1</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 27 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) and until December 31, 2020, the 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*).

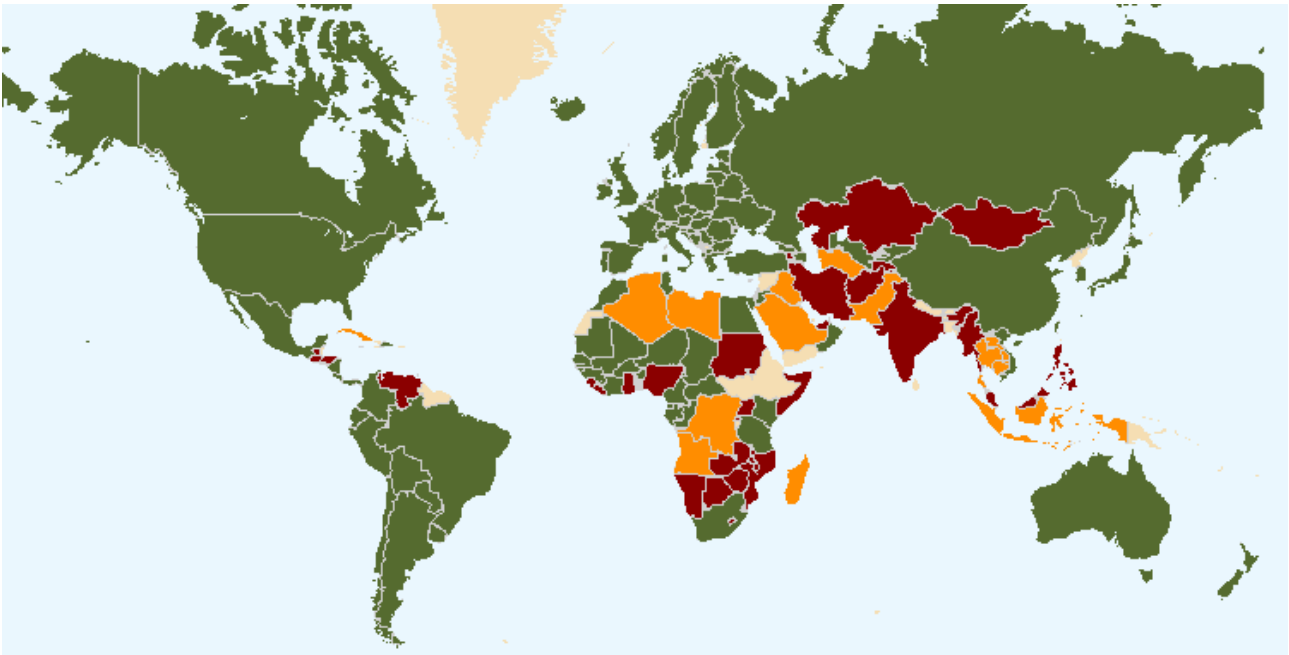
### States and intergovernmental organizations which had initiated the procedure for acceding to the UPOV Convention

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).

The following map provides a graphic overview of the status in relation to UPOV at the end of 2020.



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 2020
- 20 States and 1 intergovernmental organization had initiated the procedure for acceding the UPOV Convention at the end of 2020
- 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 2020

[Annex IV follows]

## ANNEX IV Members of the Union

This Annex provides the status of the members of the Union in relation to the Convention and its various Acts, as of December 31, 2020 (see Articles 31 and 32 of the 1961 Convention, Article 32(1) of the 1978 Act and Article 34(2) of the 1991 Act).



[https://www.upov.int/edocs/mdocs/upov/en/c\\_55/c\\_55\\_2\\_annex\\_iv.pdf](https://www.upov.int/edocs/mdocs/upov/en/c_55/c_55_2_annex_iv.pdf)

[Annex V follows]

## ANNEX V List of Activities in 2020



[https://www.upov.int/edocs/mdocs/upov/en/c\\_55/c\\_55\\_2\\_annex\\_v.pdf](https://www.upov.int/edocs/mdocs/upov/en/c_55/c_55_2_annex_v.pdf)

[Appendix follows]



## IV. 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
PLUTO	UPOV Plant Variety Database
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
TWM	Technical Working Party on Testing Methods and Techniques
TWO	Technical Working Party for Ornamental Plants and Forest Trees
TWP(s)	Technical Working Party(ies)
TWV	Technical Working Party for Vegetables
WG-EDV	Working Group on Essentially Derived Varieties
UPOV PRISMA	UPOV PRISMA PBR Application Tool
WSP	World Seed Partnership

#### Acronyms (also included in Annex V)

2050Today	A climate action initiative bringing together a community of international Geneva institutions
AATF	African Agricultural Technology Foundation
AFSTA	African Seed Trade Association
AIPH	International Association of Horticultural Producers
AOHE	Association of European Horticultural Breeders
APBEBES	Association for Plant Breeding for the Benefit of Society
APSA	Asia and Pacific Seed Association
ARIPO	African Regional Intellectual Property Organization
AUDA-NEPAD	African Union Development Agency-New Partnership for Africa's Development
BruIPO	Intellectual Property Office of Brunei Darussalam
CARICOM	Caribbean Community
CARIFORUM	Caribbean Forum of the African, Caribbean and Pacific Group of States
CarIPI	CARIFORUM Intellectual Property Rights and Innovation
CBD	Convention on Biological Diversity
CBD SBI	Subsidiary Body on Implementation of the CBD
CBD SBSTTA	Subsidiary Body on Scientific, Technical and Technological Advice of the CBD
CFIA	Canadian Food Inspection Agency
CIOFORA	International Community of Breeders of Asexually Reproduced Ornamental and Fruit Varieties
CLI	CropLife International
COBORU (Poland)	Research Centre for Cultivar Testing
COMESA	Common Market for Eastern and Southern Africa
COPA-COGECA (European Union)	Committee of Professional Agricultural Organisations - General Confederation of Agricultural Cooperatives
CPVO	Community Plant Variety Office of the European Union
DAR (MOALI)	Department of Agricultural Research, MOALI (Myanmar) (see below)
DCST (China)	Development Center of Science and Technology of China

EAPVP Forum	East Asia Plant Variety Protection Forum
EDF	European Development Fund
EUIPO	European Intellectual Property Office
FAO	Food and Agriculture Organization of the United Nations
GEVES (France)	<i>Groupe d'Étude et de contrôle des Variétés Et des Semences</i>
GNIS (France)	<i>Groupement national interprofessionnel des semences et plants</i>
IFOAM-Organics International	International Federation of Organic Agriculture Movements
INDECOP1 (Peru)	National Institute for the Defense of Free Competition and the Protection of Intellectual Property
InnoVar project	"Next-generation variety testing for improved cropping on European farmland" (project funded under the EU Horizon 2020 Research and Innovation Programme)
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
ISF	International Seed Federation
ISO	International Organization for Standardization
ISTA	International Seed Testing Association
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
JICE	Japan International Cooperation Center
MAFF (Japan)	Ministry of Agriculture, Forestry and Fisheries of Japan
MARA (China)	Ministry of Agriculture and Rural Affairs of China
MOALI (Myanmar)	Ministry of Agriculture, Livestock and Irrigation of Myanmar
NAHEP ICAR (India)	National Agricultural Higher Education Project, Indian Council of Agricultural Research
Naktuinbouw	The Netherlands Inspection Service for Horticulture
NAPB (United States of America)	National Association of Plant Breeders
NASC (Nigeria)	National Agricultural Seeds Council
NCSS (Japan)	National Center for Seeds and Seedlings (National Agriculture and Food Research Organization - NARO) of Japan
NFGA (China)	National Forestry and Grassland Administration of China
OAPI	African Intellectual Property Organization
OECD	Organisation for Economic Co-Operation and Development
OEVV (Spain)	<i>Oficina Española de Variedades Vegetales</i> (Spanish Plant Variety Office)
PRV (Sweden)	Swedish Patent and Registration Office
PVPO	Plant Variety Protection Office
SAA	Seed Association of the Americas
SAG (Chile)	<i>Servicio Agrícola y Ganadero</i> (Agricultural and Livestock Service)
SENADI (Ecuador)	<i>Servicio Nacional de Derechos Intelectuales</i> (National Service of Intellectual Rights)
SENAVE (Paraguay)	<i>Servicio Nacional de Calidad y Sanidad Vegetal y de Semillas</i> (National Service for Plant and Seed Quality and Health)
SFSA	Syngenta Foundation for Sustainable Agriculture
Sida	Swedish International Development Cooperation Agency
SIL	Soyabean Innovation Lab
SNICS (Mexico)	<i>Servicio Nacional de Inspección y Certificación de Semillas</i> (National Seed Inspection and Certification Service)
TTIPO	Trinidad and Tobago Intellectual Property Office
TRIPS	Trade Related Aspects of Intellectual Property Rights
UNFCCC	United Nations Framework Convention on Climate Change (UN Climate Change)
UNIGE	University of Geneva
USPTO	United States Patent and Trademark Office
WFO	World Farmers' Organization
WFRS Breeders' Club	World Federation of Rose Societies Breeders' Club
WIPO	World Intellectual Property Organization
WTO	World Trade Organization
WWF	World Wildlife Fund

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

- "Users" are individuals who have had at least one session within the selected date range.
- A "session" is 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]