UPOV
International Union for the Protection of New Varieties of Plants

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Meeting on the development of an electronic application form **UPOV/EAF/19/3**

Nineteenth Meeting
March 16, 2022 (virtual meeting)

Original: English
Date: April 25, 2022

REPORT

adopted by the Meeting on the Development of an Electronic Application Form

Disclaimer: this document does not represent UPOV policies or guidance

WELCOME AND OPENING

1. The nineteenth meeting on the development of an electronic form (EAF/19 meeting), organized via electronic means, was opened and chaired by Mr. Peter Button, Vice Secretary-General of UPOV, who welcomed the participants.

2. The list of participants is reproduced in Annex I to this report.

APPROVAL OF THE AGENDA

3. The meeting adopted the draft agenda as proposed in document UPOV/EAF/19/1.

DEVELOPMENTS CONCERNING UPOV PRISMA

4. The meeting considered document UPOV/EAF/19/2 Rev. (F) / UPOV/EAF/19/2 Rev. Corr. (E,S) "Developments concerning UPOV PRISMA" and received a presentation by the Office of the Union on the latest developments concerning UPOV PRISMA, a copy of which is reproduced in Annex II to this document.

Use of UPOV PRISMA (as of January 31, 2022)

5. The EAF/19 participants noted the information on the use of UPOV PRISMA as of February 28, 2022, as reported in Annex II of this report.

Launch of Version 2.7

6. The EAF/19 participants noted that UPOV PRISMA Version 2.7 was fully deployed in January 2022, with the following changes:

- Saint Vincent and Grenadines as additional participating PBR authorities;
- Forms updated for European Union and the Netherlands;
- Possibility to download the list of applications as displayed in the dashboard for PVP office in Excel format;
- Introduction of the WIPO IP Portal navigation bar;
- Bulk Upload (for maize, European Union);
- Provide the Co-agent with the right to view applications of other colleagues.

Other developments

IT Quality Software Audit

7. The EAF/19 participants noted that in order to reduce the risk of problems when introducing new versions and/or new functionalities, the following steps would be taken (see document UPOV/EAF/17/3 "Report"):

- Appoint an external company to perform a software quality audit;
- Organize user acceptance testing (UAT) before going live with new functionalities.

8. The EAF/19 participants noted that the Office of the Union had appointed an external company to perform a software quality audit, and that according to the test maturity model, UPOV PRISMA had reached maturity level 2: "the organization has a fundamental test approach where some common test practices are implemented such as planning, monitoring and control over test activities". The following recommendations had been provided to move to maturity level 3: "the organization is rather proactive and the test approach is documented and described in standards, procedures, tools and methods":

(a) Know the users and how UPOV PRISMA is used;
(b) Focus on what is important and urgent: Automate test cases for regression on the functionalities mostly used and the functionalities that generate 80% of the bugs;
(c) Define a clear Test strategy document;
(d) For each new requirement, an impact analysis should be made;
(e) Define a standard process for test case creation;
(f) Use a test repository tool.

9. The EAF/19 participants noted that the above recommendations had been implemented except for the second recommendation. In that regard, the EAF/19 participants noted the test case for regression tests which was being automated and would be deployed in June 2022.

10. Further to the above measures to improve the quality of the UPOV PRISMA software, the EAF/19 participants noted that a code audit had been organized, which produced the following recommendations:

(a) Implement best practices in terms of coding in order to avoid concurrency and performance issues;
(b) Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards ;
(c) Develop a dedicated configuration interface for a controlled management of the forms.

11. The EAF/19 participants noted that in relation to user acceptance testing (UAT) before going live with any new functionalities, it was planned to consult UPOV PRISMA "Task Force" Group before implementing the changes in the real environment.

Improvement of user-friendliness of UPOV PRISMA

12. The EAF/19 participants noted the new proposals to improve "Start New Application" and "Copy Application" screens and the next steps as follows:

(a) A first round discussion with UPOV PRISMA Task force group took place in February 2022;
(b) The second round discussion will take place in June 2022;
(c) The implementation will be done in 2023.

CPVO participation in UPOV PRISMA

13. The EAF/19 participants noted that in order to achieve and maintain synchronization of TQs between UPOV PRISMA and CPVO (see documents UPOV/EAF/16/3 "Report" paragraph 18, UPOV/EAF/17/3 "Report" paragraph 32 and UPOV/EAF/18/3 "Report" paragraph 12) the following projects had been agreed with CPVO:

- Project 1: "Audit" (current issues/ states of affairs) for exchange of data between UPOV PRISMA and CPVO in both directions (Status: completed);

- Project 2: Part A: Resolving current issues; Part B : Synchronizing changes by UPOV/CPVO (Status: not started);
- Project 3: Implementation of Project 2 outcome: Bi-directional exchange of application data (lettuce, tomato, rose) (Status: ongoing but limited to lettuce and rose);
- Project 4: Bulk upload of Maize applications from UPOV to CPVO (Status: completed);
- Project 5: "Transitional arrangements", to communicate to applicants about the situations in which they can use UPOV PRISMA for applications at the CPVO and the measures that need to be taken until all issues have been resolved (Status: ongoing).

14. The EAF/19 participants noted the report on each project (as of March 16, 2022), as reported in Annex II of this report.

15. The EAF/19 participants noted the transitional arrangements agreed by UPOV and CPVO in relation to Project 5, as reported in Annex II of this report.

Coverage of Test Guidelines: Sugar Beet

16. The EAF/19 participants approved the procedure for utilizing authorities' TQs as presented in document UPOV/EAF/19/2 Rev. Corr., paragraphs 24 and 25:

1. Request from Authority A for a specific crop (Authority A TQ)
2. Inform other participating authorities in UPOV PRISMA
3. Circulate the Authority A TQ to see if participating UPOV members that use the UPOV TQ for all genera and species would prefer to:
   (a) use Authority A TQ or
   (b) continue using the generic TQ
4. Implement Authority A TQ for UPOV members who wish to use Authority A TQ (subject to available resources).

17. The EAF/19 participants noted that the United Kingdom TQ for sugar beet would be circulated to the participating UPOV members that use the UPOV TQ for all genera and species to see if they would wish to use the United Kingdom TQ or to continue using the generic TQ.

Version 2.8

18. The EAF/19 participants noted that on the basis of the request for new developments made by PVP Offices and registered users (see paragraph 29 to 31 of document UPOV/EAF/19/2 Rev. Corr.), the following new coverage and functionalities were planned to be introduced in Version 2.8:

- The forms for France and the Netherlands will be updated
- Bulk Upload (Maize, United Kingdom);
- Bulk invoice upon request;
- Improve the download functionality for PVP Offices by including UPOV code information for crops not covered by UPOV TG and the addition of following columns (only for United Kingdom as Proof of Concept):
  - Country of Origin
  - NLI Maintainer
  - NLI Agent
  - NLI Applicant
  - PBR Breeder
  - PBR Applicant
  - PBR Agent
  - Date PBR application received
  - Date NL application Received
  - Provisional Marketing Authorisation Code
  - Provisional Marketing Authorisation Date
  - Seed Weight
- Improve the loading performance of the dashboard

19. The EAF/19 participants noted that Version 2.8 was planned to be launched by the end of 2022, subject to available resources.

PLANNED FUTURE DEVELOPMENTS (AFTER VERSION 2.8)

Coverage

20. The EAF/19 participants noted the feedback received from registered users as following:

- Allow the possibility to upload multiple attachments for the same question;
- In the email notification message, remove the reference to the “applicant” since it is not correct when an agent submits the application data;
- For agents, accept invitations in bulk instead of clicking each one individually;
- Add an additional "notes" field to the agent profile to allow agents to provide further information to breeders/applicants, such as services offered and languages spoken.

21. The EAF/19 participants noted that the following UPOV members had previously expressed an interest in participating in UPOV PRISMA: Bosnia and Herzegovina, Brazil, Egypt, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan. The Office of the Union would consult the UPOV members concerned to discuss their requirements and timeline for joining UPOV PRISMA.

User-friendliness of the tool

22. The EAF/19 participants noted that the following elements would be considered after 2021 to increase the user-friendliness of UPOV PRISMA:

- Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5 (see document UPOV/EAF/17/3 “Report” paragraph 19);
- Crop-specific TQs beyond Test Guidelines (see document UPOV/EAF/16/3 “Report” paragraph 18);

New functionalities

23. The EAF/19 participants noted that the following new functionalities would be considered for possible development:

- Machine translation (see document UPOV/EAF/16/3 “Report” paragraph 18);
- Information on DUS cooperation (DUS Arrangement Recommendation Tool (DART)) (see document UPOV/EAF/16/3 “Report”, paragraph 18).

IT improvements

24. The EAF/19 participants noted that the following IT improvements would be considered for possible development after Version 2.8:

- Improve the performance of form generation.

UPOV PRISMA support and development team

25. The EAF/19 participants noted the new organization of the UPOV PRISMA support and development team as reported in Annex II of this report.

DATE OF NEXT MEETING

26. The next meeting of the EAF (EAF/20 meeting) was agreed to be held as a hybrid meeting (physical/virtual means) on the evening of October 25, 2022.

27. This report was adopted by correspondence.

[Annex I follows]

ANNEXE I / ANNEX I / ANEXO I

LISTE DES PARTICIPANTS / LIST OF PARTICIPANTS / LISTA DE PARTICIPANTES

(dans l'ordre alphabétique des noms français des membres /
in the alphabetical order of the French names of the Members /
por orden alfabético de los nombres en francés de los miembros)

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COMUNIDAD INTERNACIONAL DE OBTENTORES DE PLANTAS HORTÍCOLAS DE REPRODUCCIÓN ASEXUADA (CIOPORA)

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Amit SHARMA (Mr.), IT Support Officer

Ariane BESSE (Ms.), Administrative Assistant

[L'annexe II suit/
Annex II follows/
Sigue el Anexo II]

ANNEX II

Meeting on the development of an Electronic Application Form

Document EAF/19/2
"Developments concerning
UPOV PRISMA"

Geneva
Online meeting
March 16, 2022

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International Union for the Protection of New Varieties of Plants

UPOV/EAF/19/2 Rev. Corr
EN and ES versions

- "32. Participating members in the development of the electronic application form are invited to note the plans for Version 2.8, as set out in paragraphs ~~27~~ 28 to ~~30~~ 31 of this document."
- "39. Participating members in the development of the electronic application form are invited to note the possible future developments of UPOV PRISMA as set out in paragraphs ~~32~~ 33 to ~~37~~ 38 of this document."

The text in paragraph 2(e) and 2(f) has been therefore also corrected

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PREVIEW

- Use of UPOV PRISMA
- UPOV PRISMA Version 2.7
- IT quality software audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO participation in UPOV PRISMA
- Coverage of Test Guidelines: sugar beet
- UPOV PRISMA Version 2.8
- Future developments (after 2022)
- UPOV PRISMA support and development team

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Status on the use of UPOV PRISMA

as of 28.02.2022

	2017	2018	2019	2020	2021	2022
January	1		7	18	106	232
February		3	9	5	107	95
March	2	3	6	21	67	
April		3	22	11	105	
May	1	1	33	11	65	
June		7	10	18	821	
July		7	3	9	58	
August		1	7	11	378	
September	3	8	16	29	154	
October	1	19	29	16	68	
November	3	16	26	41	406	
December	3	9	51	32	174	
Total	14	77	219	222	2509	327

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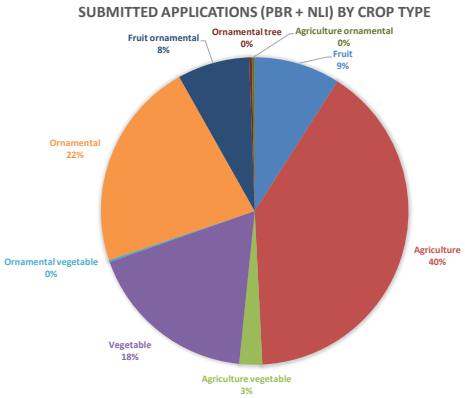
Status on the use of UPOV PRISMA

as of 11.03.2022



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Status - UPOV PRISMA **Version 2.7 (V2.7)**

- Fully deployed in **January 2022**
- Coverage:
  - UPOV Members:
    - Saint Vincent and Grenadines
  - Crops/ species:
    - Forms have been updated for European Union, and the Netherlands

UPOV

7

Status - UPOV PRISMA **Version 2.7**

- News functionalities in V2.7 :
  - Possibility to download the list of applications as displayed in the dashboard for PVP office in Excel format;
  - Introduction of the WIPO IP Portal navigation bar;
  - Bulk Upload (for maize, European Union);
  - Provide the Co-agent with the right to view applications of other colleagues

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8

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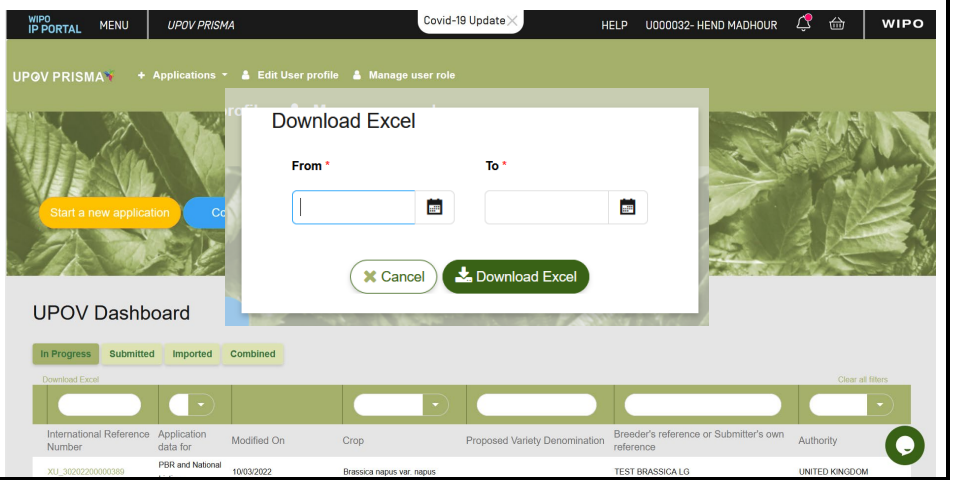
9

Download Excel

Possibility to download the list of applications as displayed in the dashboard (for applicants/agents and PVP Offices)



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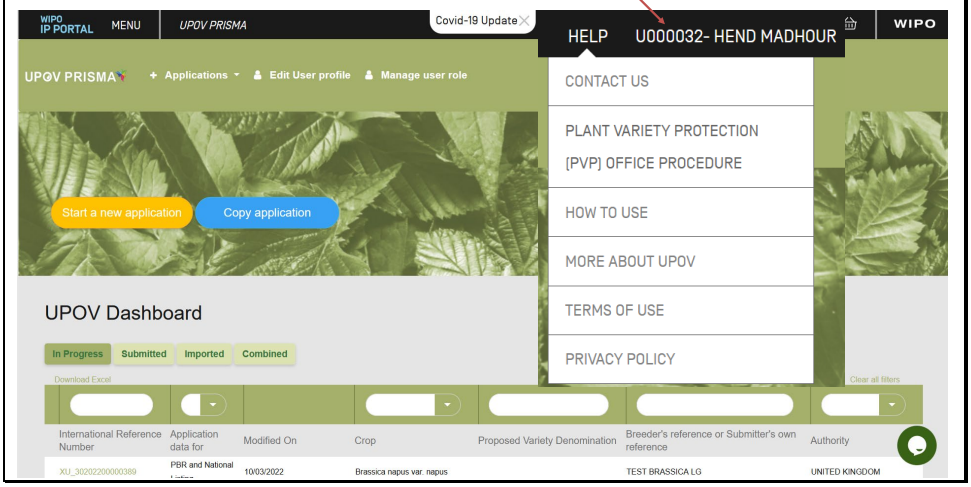
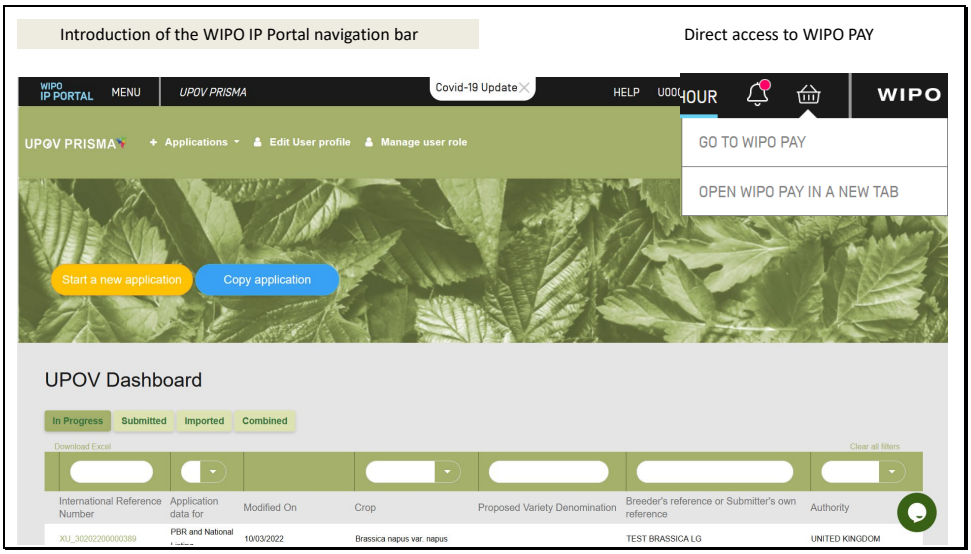
Introduction of the WIPO IP Portal navigation bar

Customer ID : visible to facilitate finance related queries





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Bulk upload of Maize applications from UPOV PRISMA to CPVO Online system

- Excel file uploaded successfully into UPOV PRISMA
- Data transferred successfully to CPVO online system without additional user intervention.
  - The user has only to sign the applications
- For Corteva only

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Status - UPOV PRISMA **Version 2.7**

- News functionalities in V2.7 :
  - Possibility to download the list of applications as displayed in the dashboard for PVP office in Excel format;
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PREVIEW

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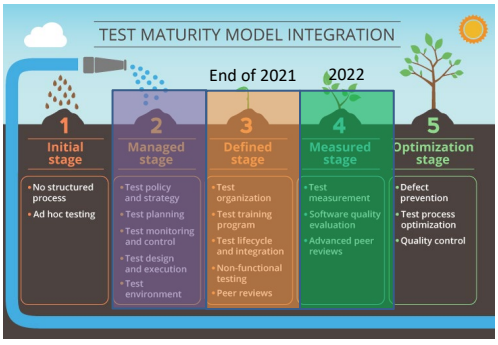
UPOV

2



UPOV

Status – IT Quality Software Audit Recommendations

1. Know the users and how UPOV PRISMA is used;
2. Focus on what is important and urgent: Automate test cases for regression on the functionalities mostly used and the functionalities that generate 80% of the bugs;
3. Define a clear Test strategy document;
4. For each new requirement, an impact analysis should be made;
5. Define a standard process for test case creation;
6. Use a test repository tool.

UPOV

4

Status – IT Quality Sotware Audit Recommendations

1. Know the users and how UPOV PRISMA is used;
2. Focus on what is important and urgent: Automate test cases for regression on the functionalities mostly used and the functionalities that generate 80% of the bugs;
3. Define a clear Test strategy document;
4. For each new requirement, an impact analysis should be made;
5. Define a standard process for test case creation;
6. Use a test repository tool.

UPOV

5

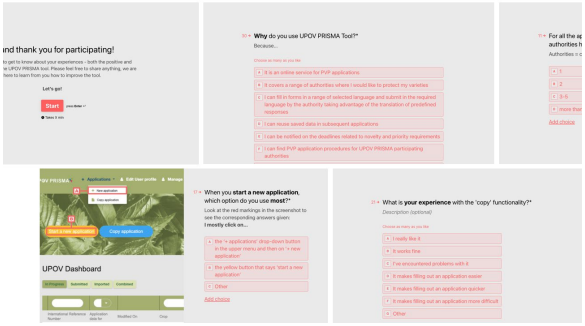
1-Online Survey

30 questions

3-17 September

UPOV PRISMA – Survey - Input

The Survey



UPOV

1-Online Survey

UPOV PRISMA – Survey

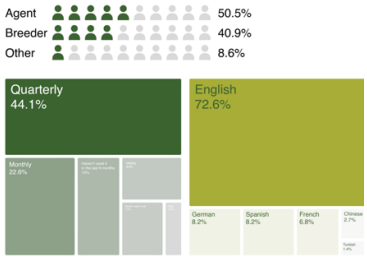
Demographics

A mix of both roles replied – agent 50.5% & breeder 40.9%
(others 8.6%: applicant, (breeder) administrator, legal representative, assistant)

Over half of the respondents use the tool quarterly or more

Desktop/laptop is the preferred device for almost all respondents except 1

Most respondents use UPOV PRISMA in English (72.6%)
however, it should be noted that this survey also was in English which could have biased this input.

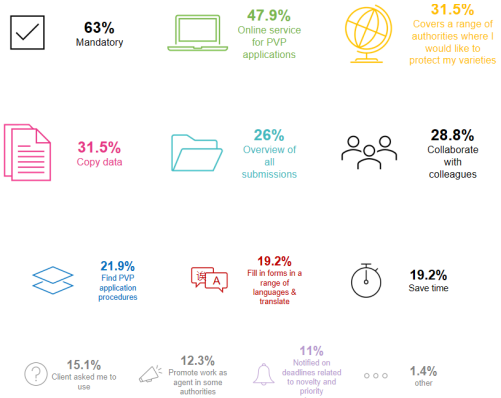


UPOV

1-Online Survey

UPOV PRISMA – Survey

Why use UPOV PRISMA



UPOV

1-Online Survey

UPOV PRISMA – Survey

Improvements

1. User Friendly
Many people pointed out that they would like to see the UPOV PRISMA tool become more user friendly. Better, clearer and a step by step guidance on what should be done.

2. Smooth forms
A lot of the comments involved the want for smoother, clearer linked forms.

3. Specific improvements
Lots of suggestions were made about specific improvements. These were all in some way connected to either bugs in the system, usability, findability and/or accessibility. Find the details on the separate slide.

UPOV PRISMA – Survey

Main Insights

The UPOV PRISMA Platform is more than solely a place that people use to submit applications.

User friendliness
- In search of guidance (understand what is asked)
- Smooth flow (no bugs)
- Specific requests that ask for more accessibility & findability

Copy function
- Appreciated by the ones using it
- Not everyone knows about it / understands how it is being used
- Could be better and thereby become more accessible.

UPOV

2-Interviews

November

'Better' than paper

People are happy to have an online tool instead of old-fashioned applications. However, it feels like it could've learnt better from its peers.

Simplicity - a clear overview - is key

It is difficult to navigate in the tool. Word use, filtering, chosen forms, concept saving all come with their own hassle and together result in a loss of overview.

Bug specifics

The tool is rather buggy. Some of the specific bugs cause for a lot of (time consuming) trouble).

UPOV

Status – IT Quality Sotware Audit Recommendations

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6. Use a test repository tool.

UPOV

3

Test automation

- For all participating authorities and all supported crops:
  - Test Case:
    - Step 1: Start New Application
    - Step 2: Select Crop and authority
    - Step 3: Get the form generated properly
    - Step 4: Save application data
    - Step 5: Edit application data : validate that all the answers are saved correctly
    - Step 6: View/Preview the application data: validate that all the answers are displayed correctly in the PDF

Work in progress: Deployment by June 2022

UPOV

Status – IT Quality Sotware Audit Recommendations

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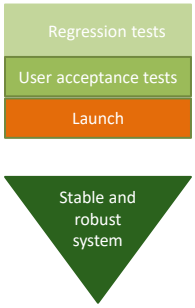
UPOV

1

Software Quality Improvement
UAT



Automate as much as possible

Users provided by ISF and CIOPORA task forces

UPOV

Software quality improvement
Code Audit

- Implement best practices in terms of coding in order to avoid concurrency and performance issues;
- Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards ;
- Develop a dedicated configuration interface for a controlled management of the forms;

UPOV

PREVIEW

- Use of UPOV PRISMA
- UPOV PRISMA Version 2.7
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- UPOV PRISMA support and development team

UPOV

4

User-friendliness of UPOV PRISMA

- Consultations with Users on how to improve some functionalities- screens in UPOV PRISMA
- Proposals were made by an external company
- First round discussion with UPOV PRISMA Task Force group : February 2022

UPOV

User-friendliness of UPOV PRISMA

Bugfixing

Repair features that technically do not function properly or are perceived by the user as being broken.

Usability Improvements

Isolated redesign of individual features so that their efficiency and workflow are improved. Improvements are based on usability feedback from users.

Strategic Improvements

Holistic redesign considering the cohesion of all features so that the overall experience and outcome is improved. Improvements are based on long term business goals.

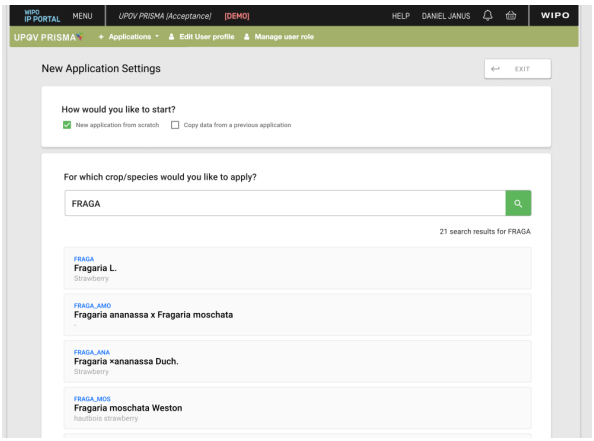
UPOV PRISMA – Interviews - Insights

Project scope

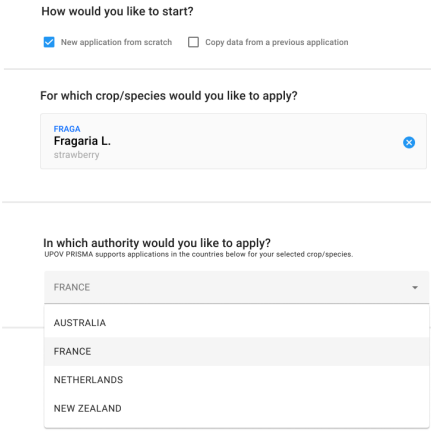
2 requested usability improvements

- Copy-paste functionality
- New Application Settings

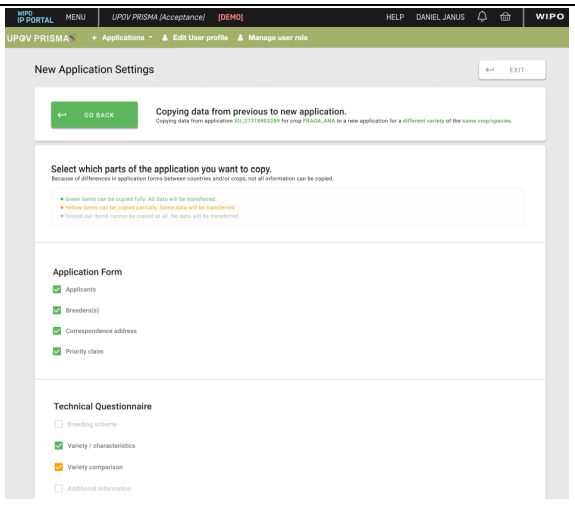
UPOV



UPOV



UPOV



UPOV

Next steps for improving User-friendliness of UPOV PRISMA

- New screens/ interface for:
  - Start new application
  - Copy functionalities

➢ New proposal/ Version of screens to reflect comments received to clarify specifications

➢ Timing:
- Second round discussion with UPOV PRISMA Task Force group : June 2022
- Implementation in 2023 (to be confirmed)

UPOV

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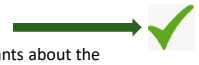
UPOV

6

CPVO participation in UPOV PRISMA

In order to achieve and maintain synchronization of TQs between UPOV PRISMA and CPVO (see document UPOV/EAF/16/3 "Report" paragraph 18, document UPOV/EAF/17/3 "Report" paragraph 32 and document UPOV/EAF/18/3 "Report", paragraph 12) the following projects have been agreed with CPVO:

- Project 1: "Audit" (current issues/ states of affairs) for exchange of data between UPOV PRISMA and CPVO in both directions
- Project 2: Part A: Resolving current issues; Part B : Synchronizing changes by UPOV/CPVO
- Project 3: Implementation of Project 2 outcome: Bi-directional exchange of application data (lettuce, tomato, rose)
- Project 4: Bulk upload of Maize applications from UPOV to CPVO 
- Project 5: "Transitional arrangements", to communicate to applicants about the situations in which they can use UPOV PRISMA for applications at the CPVO and the measures that need to be taken until all issues have been resolved

UPOV

Next steps for CPVO participation in UPOV PRISMA

- Start Project 3 :
  - Limited to lettuce and rose
- Start project 2 will start when project 3 is more advanced

UPOV

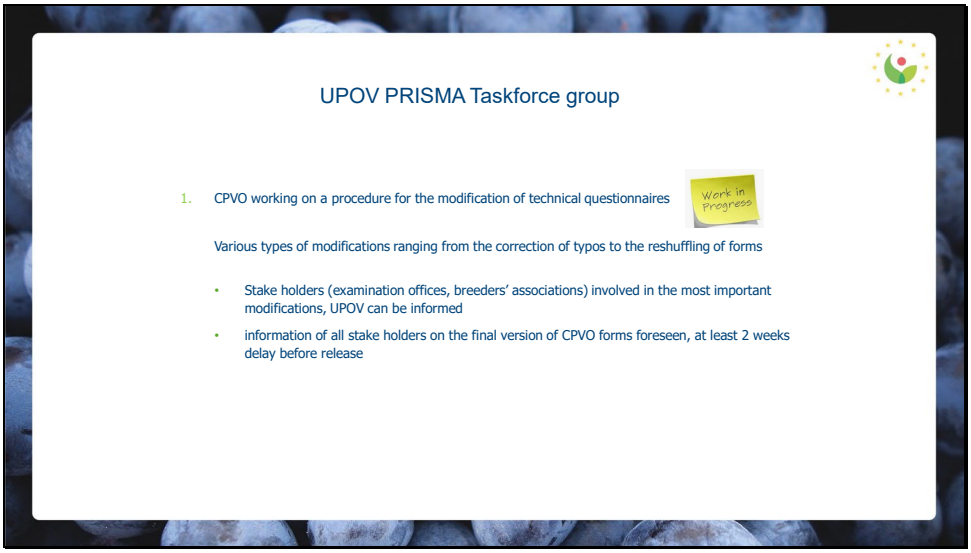
Project 5

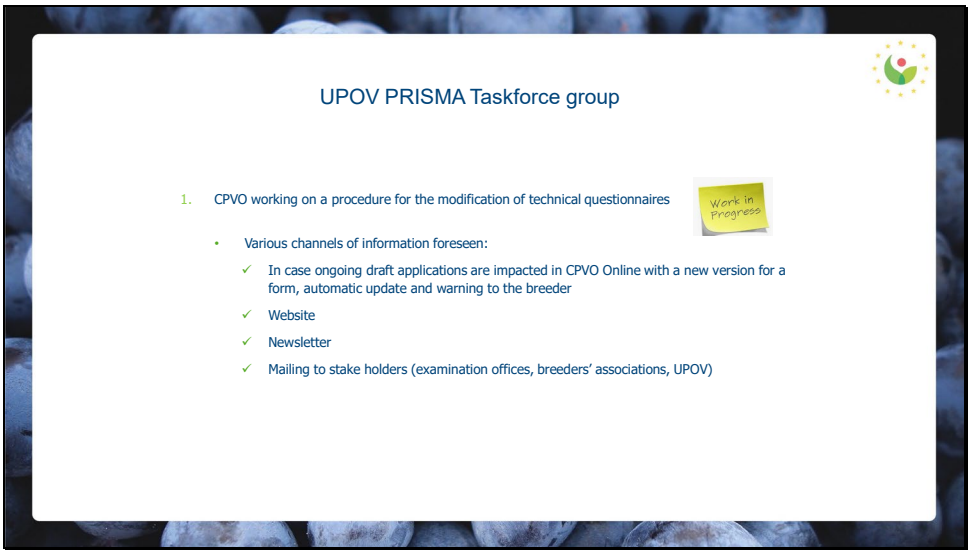
Transitional arrangements

It was decided by the TF Group (15/11/2021) to:

- Display a popup disclaimer message in UPOV PRISMA when starting an application for CPVO, to warn applicants about the need to check and complete the application data in CPVO Online system after submission in UPOV PRISMA
- Investigate technical possibilities to "inactivate" or "acknowledge" this disclaimer, after the first time it is being displayed
- Send messages to registered Users (by email) in cases of new developments for alignment of forms (if occurs before projects 2 & 3 are finalized)
- Organize a Webinar: Training/ info Session on "How to submit application data for CPVO via UPOV PRISMA?"

UPOV





21. Participating members in the development of the electronic application form are invited to note:

(a) the developments concerning UPOV PRISMA since the EAF/18 meeting;

(b) that a report on plans for improving CPVO TQ synchronization and the user-friendliness of UPOV PRISMA will be made at the EAF/19 meeting.

UPOV

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UPOV

13

Background
UPOV/EAF/13/3

21. The participants noted that, in cases where a participating authority used a national Technical Questionnaire for the Table of Characteristics, for a specific crop, where there was no UPOV Test Guidelines (TGs) and where the generic TQ was not appropriate, there would be a possibility to develop a specific UPOV PRISMA TQ for this crop, subject to a procedure for consultation with other UPOV participating members in UPOV PRISMA and under the condition to follow UPOV TGs TQ and UPOV characteristics

GB uses a national TQ for Sugar Beet
There is no UPOV TG for Sugar Beet

UPOV

14

Background
Procedure as agreed at the EAF/13

1. Request from Country A for a specific crop (Country A TQ)
2. Inform other participating authorities in UPOV PRISMA
3. Circulate the Country A TQ to see if there are any objections to use as UPOV PRISMA TQ
4. If no objections: Country A TQ becomes UPOV PRISMA TQ (subject to resources available)
5. If objections: discussion among interested authorities to explore possibilities to develop a harmonized TQ (and then back to 3)

UPOV

15

New proposal for the procedure

1. Request from Authority A for a specific crop (Authority A TQ)
2. Inform other participating authorities in UPOV PRISMA
3. Circulate the Authority A TQ to see if participating UPOV members that use the UPOV TQ for all genera and species would prefer to:
   (a) use Authority A TQ or
   (b) continue using the generic TQ
4. Implement Authority A TQ for UPOV members who wish to use Authority A TQ (subject to available resources).
   - Note: Authority B (etc.) could subsequently put forward their TQ for use by other authorities

ANNEX

United Kingdom Technical Questionnaire for Sugar beet (generated from UPOV PRISMA)

Technical Questionnaire

Technical Questionnaire

INFORMATION ON THE BREEDING SCHEME AND PROPAGATION OF THE VARIETY

Breeding scheme

- 1_Diploid without male sterility 2N
- 2_Male sterile diploid with a male diploid 2N X 2N
- 3_Male sterile tetraploid with a male diploid 4N X 2N
- 4_Male sterile diploid with a male tetraploid 2N X 4N
- 5_Male sterile diploid with a male anisoploid 2N X (2N+4N)
- 6_Tetraploid without male sterility 4N
- 7_Diploid and tetraploid without male sterility 2N + 4N

Type of material

- Inbred line
- single-cross
- synthetic
- other

Origin

- Seedling
- Mutation
- Other

Method of propagation

- Cuttings
- In vitro propagation
- Seed
  - Self-pollination
  - Cross-pollination
  - Hybrid

UNAUTHORIZED

UPOV

Participating UPOV members that use the UPOV TQ for all genera and species

African Intellectual Property Organization (OAPI)
Chile
Colombia
Dominican Republic
France
Georgia
Kenya
Mexico
Netherlands
New Zealand
Norway
Peru
Republic of Moldova
Saint Vincent and Grenadines
Serbia
South Africa
Sweden
Tunisia
Turkey
United Kingdom
Viet Nam

UPOV

27. Participating members in the development of the electronic application form are invited to

(a) approve the procedure for utilizing authorities' TQs as presented in paragraphs 24 and 25; and

(b) note that the United Kingdom TQ would be circulated to the participating UPOV members that use the UPOV TQ for all genera and species to see if they would wish to use the United Kingdom TQ or to continue using the generic TQ.

UPOV

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UPOV

20

Status - UPOV PRISMA **Version 2.8**

- Coverage:
  - UPOV Members:
    - No new participating authorities are anticipated for Version 2.8
  - Crops/ species:
    - The forms for France and the Netherlands will be updated

UPOV

Status - UPOV PRISMA **Version 2.8**

- News functionalities in V2.8 :
  - Bulk Upload (Maize, United Kingdom);
    - Extend the POC to United Kingdom
    - Keep QZ Maize up to date.

UPOV

22

Status - UPOV PRISMA **Version 2.8**

- News functionalities in V2.8 :
  - Bulk invoice upon request;
    - In case of bulk upload or bulk payment.
    - Currently, an invoice is sent by application data.
    - In order to facilitate payment by bank transfer, one single invoice would be provided for a set of applications upon request.

UPOV

23

Status - UPOV PRISMA **Version 2.8**

- News functionalities in V2.8 :
  - Improve the download functionality for PVP Offices by including UPOV code information for crops not covered by UPOV TG and the addition of following columns (only for United Kingdom as Proof of Concept):
    - Country of Origin
    - NLI Maintainer
    - NLI Agent
    - NLI Applicant
    - PBR Breeder
    - PBR Applicant
    - PBR Agent
    - Date PBR application received
    - Date NL application Received
    - Provisional Marketing Authorisation Code
    - Provisional Marketing Authorisation Date
    - Seed Weight

UPOV

24

Status - UPOV PRISMA **Version 2.8**

- Improve the loading performance of the dashboard

UPOV

32. Participating members in the development of the electronic application form are invited to note the plans for Version 2.8, as set out in paragraphs 28 to 31 of this document.

UPOV

PREVIEW

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UPOV

27

Future developments (After 2022)

- Feedback received from registered users:
  - Allow the possibility to upload multiple attachments for the same question;
  - In the email notification message, remove the reference to the "applicant" since it is not correct when an agent submits the application data;
  - For agents, accept invitations in bulk instead of clicking each one individually;
  - Add an additional "notes" field to the agent profile to allow agents to provide further information to breeders/applicants, such as services offered and languages spoken.

UPOV

28

Future developments (After 2022)

- Coverage:
  - New authorities:
    - The following UPOV members have expressed an interest to join UPOV PRISMA in the future: Bosnia and Herzegovina, Brazil, Egypt, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan.
    - The Office of the Union will consult the UPOV members concerned to discuss their requirements and timeline for joining UPOV PRISMA.

UPOV

29

Future developments (After 2022)

- User-friendliness of the tool
  - Addition of non UPOV TQ characteristics in TQ7
  - Crop-specific TQs beyond Test Guidelines
- New functionalities
  - Machine translation
  - DUS Arrangement Tool (DART)
- IT improvements
  - Improve the performance of form generation

UPOV

30

39. Participating members in the development of the electronic application form are invited to note the possible future developments of UPOV PRISMA as set out in paragraphs 33 to 38 of this document.

UPOV

PREVIEW

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UPOV

32

Business focal point

IT focal point

UPOV PRISMA Team

Business focal point (Africa and Europe)

Business focal point (Americas)

Business focal point (Asia)

Helpdesk focal point

IT focal point

41. Participating members in the development of the electronic application form are invited to note that a presentation of the new organization of the UPOV PRISMA support and development team will be made at EAF/19 meeting.

UPOV

Next EAF/20 Meeting :

- **Thursday October 25, 2022**
  - **Hybrid: physical/virtual**

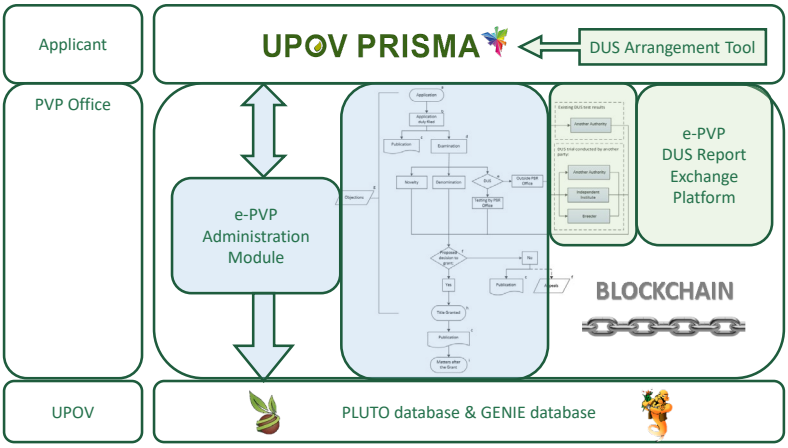
DATES OF MEETINGS IN 2022

MARCH	Tuesday, 15	Working group on harvested material and unauthorized use of propagating material (WG-HRV)	(virtual meeting)
	Wednesday, 16	Meeting on the Development of an Electronic Application Form	(virtual meeting)
	Thursday, 17	Working group on guidance concerning smallholder farmers in relation to private and non commercial use (WG-SHF)	(virtual meeting)
	Tuesday, 22 and Wednesday, 23	Enlarged Editorial Committee	(virtual meeting)
APRIL	Monday, 18 to Friday, 22	Technical Working Party for Vegetables (TWV)	(virtual meeting)
MAY	Monday, 23 to Friday, 27	Technical Working Party for Agricultural Crops (TWA)	Cambridge, United Kingdom
JUNE	Monday, 13 to Friday, 17	Technical Working Party for Ornamental Plants and Forest Trees (TWO)	(virtual meeting)
JULY	Monday, 11 to Friday, 15	Technical Working Party for Fruit Crops (TWF)	(virtual meeting)
SEPTEMBER	Monday, 19 to Friday, 23	Technical Working Party on Testing Methods and Techniques (TWM)	(virtual meeting)
OCTOBER	Monday, 18 and Wednesday, 19	Enlarged Editorial Committee	(virtual meeting)
	Thursday, 20	Meeting on the Development of an Electronic Application Form	(virtual meeting)
	Monday, 24 and Tuesday, 25	Technical Committee	Geneva, Switzerland
	Monday, 24 (evening)	Enlarged Editorial Committee	Geneva, Switzerland
	Wednesday, 26	Administrative and Legal Committee	Geneva, Switzerland
	Thursday, 27	Consultative Committee	Geneva, Switzerland
	Friday, 28	Council	Geneva, Switzerland
	(date to be decided)	Seminar to explore the role of plant breeding and plant variety protection in enabling agriculture to adapt to, and mitigate, climate change	Geneva, Switzerland

UPOV

35

EAF → e-PVP Meeting?



[End of Annex II and of document]