Meeting on Electronic Applications

EAM/1/6

First meeting Geneva, March 15, 2023 Original: English

Date: September 11, 2023

REPORT

adopted by the Meeting on Electronic Applications

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WELCOME AND OPENING

- 1. The first meeting on electronic applications (EAM/1 meeting), which was held as a virtual meeting, 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/EAM/1/1 Rev.

DEVELOPMENTS CONCERNING UPOV E-PVP

Overview of UPOV e-PVP

4. The meeting considered document UPOV/EAM/1/2 "Overview of UPOV e-PVP" and received a presentation by the Office of the Union on the components of UPOV e-PVP and the options for using UPOV e-PVP and e-PVP Asia, a copy of which is reproduced in Annex II to this document.

UPOV PRISMA

5. The meeting considered document UPOV/EAM/1/3 "UPOV PRISMA" and received a presentation by the Office of the Union on the developments concerning UPOV PRISMA since the twentieth Meeting on the development of an electronic application form ("EAF/20 meeting"), a copy of which is reproduced in Annex II to this document.

Use of UPOV PRISMA (as of February 28, 2023)

6. The EAM/1 participants noted the information on the use of UPOV PRISMA as of February 28, 2023, as reported in Annex II of this report.

Launch of Version 2.8 (November 2022)

- 7. The EAM/1 participants noted that UPOV PRISMA Version 2.8 was deployed on November 21, 2022, with the following:
 - Forms updated for France, the Netherlands and the United Kingdom;
 - CPVO Technical Questionnaires updated for Lettuce and Rose;

United States of America expanded coverage to all genera and species, except for the following ones;
 UPOV TG characteristics will be used:

Common Name	Botanical Name
Alfalfa	Medicago sativa L.
Barley	Hordeum vulgare L.
Bentgrass	Agrostis capillaris L.
Bermudagrass	Cynodon dactylon (L.) Pers. var. dactylon
Bluegrass	Poa pratensis L.
Cauliflower	Brassica oleracea L. var. botrytis L.
Corn	Zea mays L.
Cotton	Gossypium hirsutum L.
Field Bean	Phaseolus vulgaris L.
Fine Fescue	Festuca rubra L. var. rubra
Garden Bean	Phaseolus vulgaris L.
Marigold	Tagetes patula L.
Muskmelon	Cucumis melo L.
Oat	Avena sativa L.
Onion	Allium cepa L.
Pea	Pisum sativum L.
Peanut	Arachis hypogaea L.
Pumpkin	Cucurbita pepo L.
Rice	Oryza sativa L.
Ryegrass	Lolium multiflorum Lam.
Safflower	Carthamus tinctorius L.
Sorghum	Sorghum bicolor (L.) Moench
Tall and Meadow Fescue	Festuca pratensis Hudson
Triticale	x Triticosecale Wittm.
Vinca	Catharanthus roseus (L.) G. Don
Watermelon	Citrullus lanatus (Thunb.) Matsum. & Nakai var. lanatus
Zinnia	Zinnia elegans Jacq.

- Republic of Moldova use of the United Kingdom's Technical Questionnaire for Sugarbeet
- Allow the possibility to upload multiple attachments for the same question;
- In the e-mail 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;
- 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;
- Improve the download functionality for PVP Offices by including UPOV code information for crops not covered by UPOV TG and the addition of the following columns for the United Kingdom as a proof of concept):
 - Country of Origin
 - NLI Maintainer
 - NLI Agent
 - NLI Applicant
 - PBR Breeder
 - PBR ApplicantPBR Agent
 - Date PBR application received
 - Date NL application Received
 - Provisional Marketing Authorisation Code
 - Provisional Marketing Authorisation Date
 - Seed Weight.

Other developments

IT Quality Software Audit

- 8. The Office of the Union recalled that a code audit had been organized, which had 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.
- 9. The EAM/1 participants noted the report on the following plans for implementing the above recommendations:
 - Recommendation 1 (best practices in terms of coding) was implemented in Version 2.8;
 - Recommendation 2 (Migration to the cloud); and,
 - Recommendation 3 (Development of a dedicated configuration interface) would be implemented in Version 2.10, subject to available resources.

Improvement of user-friendliness of UPOV PRISMA

10. The EAM/1 participants noted the report on the consolidated feedback received from ISF/CIOPOARA that was presented and discussed during the Task Force meeting held on December 11, 2022 and the plan for implementation in future versions.

CPVO synchronization

- 11. The EAM/1 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: ongoing
 on the basis of information provided in Project 1);
 - Project 3: Implementation of Project 2 outcome: Bi-directional exchange of application data (lettuce, tomato, rose) (Status: ongoing on the basis of information provided in Project 1);
 - Project 4: Bulk upload of Maize applications from UPOV to CPVO (Status: ongoing on the basis of information provided in Project 1);
 - 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).
- 12. The EAM/1 participants noted the report on each project (as of March 15, 2023), as reported in Annex II of this report.
- 13. The EAM/1 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

- 14. The EAM/1 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).
- 15. The EAM/1 participants noted that the proposed new procedure had been applied for the United Kingdom TQ for Sugar Beet, and that South Africa would use the United Kingdom TQ for Sugar Beet in Version 2.9.

Plans for Version 2.9

- 16. The EAM/1 participants noted that Version 2.9 would be deployed in May 2023 with the following updates:
 - Expand the crop coverage for Morocco, as follows:

Common Name	Botanical Name	UPOV TG
French Bean	Phaseolus vulgaris L.	TG/12/9 Rev.2
Hot pepper	Capsicum annuum L	TG/76/8
Lettuce	Lactuca staiva L.	TG/13/x
Squash	Cucurbita pepo L.	TG/119/4 Corr.2
Tomato	Solanum lycopersicum L.	TG/44/11
Tomato Rootstocks	Solanum habrochaites S. Knapp & D.M. Spooner; Solanum lycopersicum L. x Solanum habrochaites S. Knapp & D.M. Spooner; Solanum lycopersicum L. x Solanum peruvianum (L.) Mill.; Solanum lycopersicum L. x Solanum cheesmaniae (L. Ridley) Fosberg; Solanum pimpinellifolium L. x Solanum habrochaites S. Knapp & D.M. Spooner	TG/294/1 Rev.3

- In UPOV PRISMA, confirmation e-mail (submitted and received), add a reference to the authority.
- For all questions "this question could be confidential", change the current default from 'No' to 'Yes';
- See the applications waiting for agent's acceptance;
- · Set up notifications preferences; and
- · Allow users to specify the crop group

Plans for Version 2.10

- 17. The EAM/1 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/EAM/1/2 Corr.), the following new coverage and functionalities were planned to be introduced in Version 2.10:
 - Expand the crop coverage for China as follows:

Common Name	Botanical Name	UPOV TG
Soya bean	Glycine max (L.) Merrill	TG/80/6
Kiwifruit	Actinidia Lindl.	TG/98/7
Sunflower	Helianthus annuus L.	TG/81/6
Tomato	Solanum lycopersicum L.	TG/44/11
Hot pepper	Capsicum annuum L	TG/76/8
Anthurium	Anthurium Schott	TG/86/5
Guzmania	Guzmania Ruiz et Pav.	TG/182/4
Cucumber	Cucumis sativus L.	TG/61/7
Melon	Cucumis melo L.	TG/104/5
Morchella	Morchella Dill. ex Pers.	National TG

- Brazil to join UPOV PRISMA for a limited set of crops. The final list had not been decided.
- Improve Search functionality, and
- Bulk invoice upon request.
- 18. The EAM/1 participants noted that Version 2.10 was planned to be deployed in October 2023.

Plans for Version 3.0

- 19. The EAM/1 participants noted the plans for Version 3.0 as follows:
 - Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards;
 - Implement the new screen design for Start New Application and Copy Application;
 - Improve / revise botanical names and German translations;

- Receive notification / alert when a change is made to the AF or TQ for GB;
- · PDF accessibility; and
- Floating menu for chapters in the generated form page.
- 20. The EAM/1 participants noted that Version 3.0 of UPOV PRISMA was planned to be deployed in 2024

Possible FUTURE developments

Coverage

- 21. It was reported that the plan was to introduce the possibility to use UPOV PRISMA for making applications in Japan and via e-PVP Asia by April 2025 (see document TC/57/9 "Cooperation in Examination", paragraph 13).
- 22. The EAM/1 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

- 23. The EAM/1 participants noted that the following elements would be considered after 2023 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

- 24. The EAM/1 participants noted that the following new functionalities would be considered for development:
 - Bulk Upload (for maize, United Kingdom);
 - 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).

PVP Administration Module

UPOV e-PVP administration Module FEATURES

- 25. The EAM/1 participants noted that the UPOV e-PVP Administration Module would provide the following features for PVP offices:
 - Provide an electronic administration system for the tasks in the workflow defined in document UPOV/INF/15
 "Guidance for members of UPOV" (see Flow diagram 1);
 - · Communicate with applicants;
 - Request information from other participating PVP offices on the availability of DUS reports for a variety (DUS Exchange platform see document EAM/1/5 "DUS Exchange Platform");
 - Provide information to applicants/holders according to rules established by the PVP Office;
 - Publish information in PLUTO DB.
- 26. The EAM/1 participants noted that the UPOV e-PVP Administration Module would provide the following features for the applicants:
 - View information concerning applications, where information is shared by the PVP office;
 - Receive notifications when information shared.

Planned launch date

- 27. The EAM/1 participants noted that the UPOV e-PVP Administration Module will form the basis for e-PVP Asia, which is planned to be launched in 2024.
- 28. The EAM/1 participants noted that the UPOV e-PVP Administration Module is planned to be made available to members of the Union for testing from August 2023.

Joining requirements

- 29. The EAM/1 participants noted that the UPOV e-PVP Administration Module would be available for all UPOV members.
- 30. The EAM/1 participants noted that priority would be given to UPOV members using the standard modules. PVP offices that would require customization of modules would need to discuss their customization requirements with the Office of the Union in order to develop a plan for the work and to identify the source of extra-budgetary resources to cover the work.

Cost

- 31. The EAM/1 participants noted that the standard UPOV e-PVP Administration Module will be made available to members of the Union without charge and will be maintained by UPOV. The member of the Union concerned would only need to cover the cost of hosting the module on the cloud. The EAM/1 participants noted that typical annual cost of hosting was estimated at 1,800 USD (50-100 applications per year and less than 1,000 titles in force) to 2,400 USD (1,000-2,000 applications per year and less than 10,000 titles in force). This estimate was based on the current Amazon Web Service pricing scheme, which is subject to change.
- 32. The Office of the Union recalled (see above) that customized versions of the UPOV e-PVP Administration Module according to the specific needs of members of the Union could be developed with UPOV where the necessary extra-budgetary resources were provided and subject to the resource implications for the Office of the Union.

Future developments

- 33. The EAM/1 participants noted that the following functionalities were anticipated in future releases:
 - · recording and comparing variety descriptions.
 - National listing workflow.

DUS Exchange Module

UPOV e-PVP DUS Report Exchange Module Features

- 34. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would provide the following features for PVP offices:
 - Make existing DUS reports available to other UPOV members (option for bulk-uploading);
 - Obtain DUS reports
 - o Search for existing DUS reports.
 - o Make a request for information on the possibility to use a DUS report,
 - o Communicate with the PVP Office providing the report,
 - o Be informed that a request has been accepted,
 - o Be informed when a DUS report is made available.
 - · Track the history of each request.

Planned launch date

35. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would form the basis for e-PVP Asia, which was planned to be launched in 2024.

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36. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module was planned to be made available to members of the Union for testing from August 2023.

Joining requirements

37. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would be available for all UPOV members.

Cost

38. The EAM/1 participants noted that the UPOV e-PVP DUS Report Exchange Module would be available to members of the Union without charge.

DATE OF NEXT MEETING

- 39. The next meeting of the EAM was agreed to be held by electronic means on October 24, 2023 at 6 pm.
 - 40. This report was adopted by correspondence.

[Annex I follows]

EAM/1/6

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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Peter BUTTON (Mr.), Chair

V. BUREAU DE L'UPOV / OFFICE OF UPOV / OFICINA DE LA UPOV

Peter BUTTON (Mr.), Vice Secretary-General

Yolanda HUERTA (Ms.), Legal Counsel and Director of Training and Assistance

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Hend MADHOUR (Ms.), IT Officer

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Amit SHARMA (Mr.), IT Support Officer

Kees VAN ETTEKOVEN (Mr.), Technical Expert

Ariane BESSE (Ms.), Administrative Assistant

Carla Marina SANTOS (Ms.), Secretary (Legal)

Kasumi FALQUET (Ms.), Secretary

Laurianne NICOLO (Ms.), Secretary

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

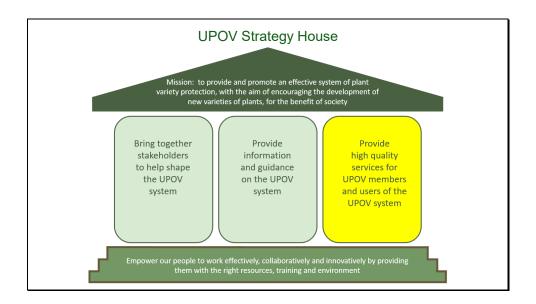
Annex II

Meeting on electronic applications

Developments concerning UPOV E-PVP

Geneva Virtual meeting March 15, 2023

UPOV
International Union for the Protection of New Varieties of Plants



Meeting on electronic applications

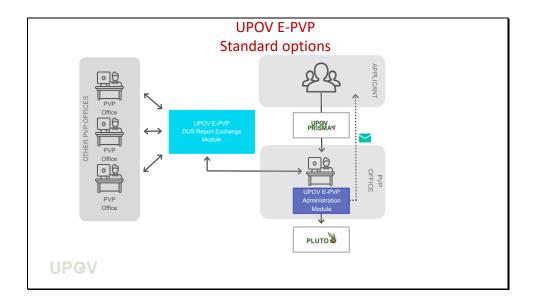
Document EAM/1/2 'Overview of UPOV E-PVP'

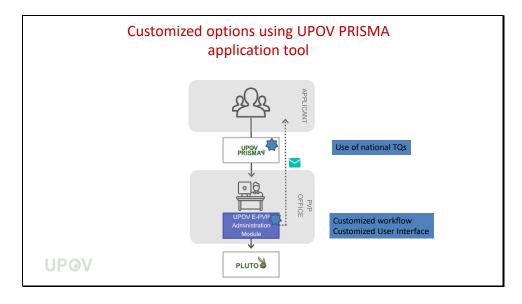
UPOV
International Union for the Protection of New Varieties of Plants

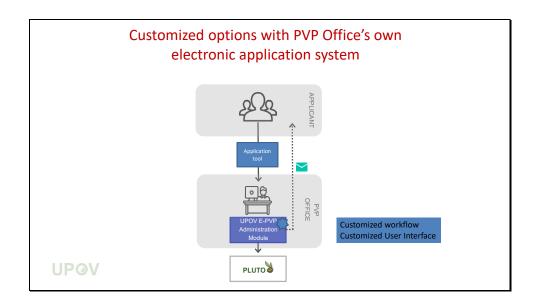
UPOV E-PVP

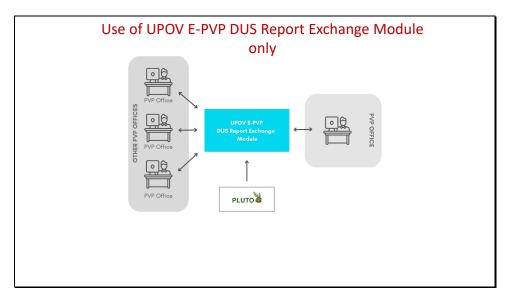
- Provides coherent and comprehensive assistance in the implementation of the UPOV system of plant variety protection
- Some or all of the components of which can be used by members of the Union, as considered appropriate
- Package of compatible tools

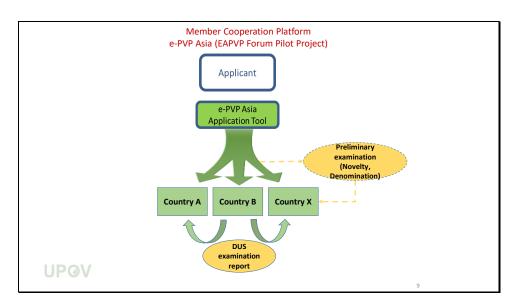
JP@V .













UPOV

Meeting on electronic applications

Document EAM/1/3
'UPOV PRISMA'

UP@V

International Union for the Protection of New Varieties of Plants

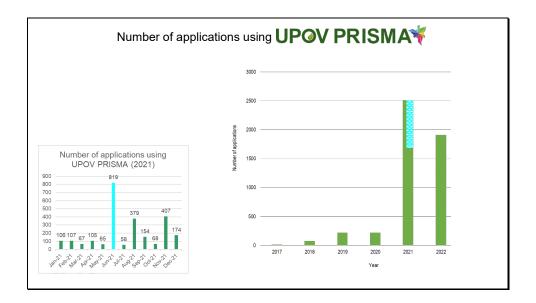
PREVIEW

- Use of UPOV PRISMA
- Launch of UPOV PRISMA Version 2.8 (November 2022)
- Other developments
- Plans for Version 2.9 (May 2023)
- Plans for Version 2.10 (October 2023)
- Plans for Version 3.0 (2024)
- Possible future developments (after 2024)

PREVIEW

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POV



PREVIEW

- Use of UPOV PRISMA
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Launch of UPOV PRISMA Version 2.8 (V2.8)



• Deployment on November 21, 2022

JP@V .

Scope - UPOV PRISMA Version 2.8



- Coverage:
 - UPOV Members:
 - No new participating authorities
 - Updated forms for the United Kingdom, France and the Netherlands
 - Crops/ species :
 - Expand the coverage of the United States of America to include all crops and species except 27 crops. UPOV TG characteristics are used.
 - Republic of Moldova: use of GB TQ for Sugarbeet .

UPOV

Scope - UPOV PRISMA Version 2.8



- New functionalities in V2.8:
 - 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.

Scope - UPOV PRISMA Version 2.8

- · Improve the download functionality for PVP Offices by including UPOV code information for crops not covered by UPOV TG and the addition of the following columns for the United Kingdom as a 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

PREVIEW

- Use of UPOV PRISMA
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20

Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- · Coverage of Test Guidelines: Sugar Beet

21

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; In Progress
- Develop a dedicated configuration interface for a controlled management of the forms; In Progress

UPOV

Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- Coverage of Test Guidelines: Sugar Beet

UPOV 23

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
- Second round discussion with UPOV PRISMA Task Force group: June 2022

LIPOV

User-friendliness of UPOV PRISMA

- During the Task Force meeting held on December 11, 2022, the consolidated feedback received from ISF/CIOPORA was presented and discussed.
- The follow-up actions are reflected in the plans for Version 2.9, Version 2.10 and Version 3.0.

UPOV

Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- · Coverage of Test Guidelines: Sugar Beet

UPOV 26

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:

 <u>Project 1:</u> "Audit" (current issues/ states of affairs) for exchange of data between UPOV PRISMA and CPVO in both directions



- <u>Project 2:</u> Part A: Resolving current issues; Part B: Synchronizing changes by UPOV/CPVO
- <u>Project 3:</u> 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

Proof of concept

 <u>Project 5:</u> "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

LIPOV

Project 4

- Proof of concept : completed
- The bulk upload (QZ Maize) were used in November 2022 (Pilot with Corteva)
- Bulk Invoice : in progress
- Next steps:
 - UPOV: Gather feedback from Corteva
 - A workshop will be organized with Corteva in June 2023
 - CPVO: Assess the workload needed to make the solution robust enough to open it to other users and other crops.

UPOV

Project 2 and 3- Three phases

- Phase 1: Project 3 for Lettuce and Rose
 - UPOV TQ questions can be reused
 - Characteristics from the UPOV TG Table of characteristics are reusable whether they appear in TQ5 or TQ7 section.
 - The ordering might not be the same in UPOV PRISMA and CPVO online system
 - CPVO specific TQ questions are not reusable if they are not UPOV TG
 Table of characteristics questions, otherwise they are re-usable

UPOV

Project 2 and 3- Three phases

- Phase 1:
 - Lettuce March-April 2023;
 - Rose May-June 2023;
- Phase 2: Rollout the approach to other pilot crops where their UPOV TG are under revision (after 2023);
- Phase 3: Fully automated synchronization for TQ5 (after 2023).

LIPOV

Project 5: Information to stakeholders

- Information to stakeholders will continue to take place in the Task Force and EAM meetings
- Next Task Force meeting: May 10th, 2023

UPOV



22. Participating members in electronic applications are invited to note that a report on plans for improving CPVO TQ synchronization and the user-friendliness of UPOV PRISMA will be made at the EAM/1 meeting.

UPOV



Other Developments



- IT Quality Software Audit
- Improvement of user-friendliness of UPOV PRISMA
- CPVO Synchronization
- Coverage of Test Guidelines: Sugar Beet

Coverage of Test Guidelines: Sugar Beet

• South Africa has expressed its wish to use the United Kingdom TQ for Sugar Beet. This will be reflected in Version 2.9.

UPOV



28. Participating members in electronic applications are invited to note that the proposed new procedure was applied for the United Kingdom TQ for Sugar Beet, and that in Version 2.9 South Africa will use the United Kingdom TQ for Sugar Beet, as set out in paragraphs 23 and 27 of this document.

UPOV



PREVIEW

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Status - UPOV PRISMA Version 2.9



- Planned in May 2023
- Crop Coverage:
 - Moroco:

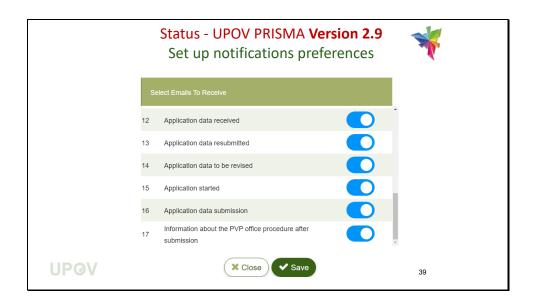
Common Name	Botanical Name	UPOV TG
French Bean	Phaseolus vulgaris L.	TG/12/9 Rev.2
Hot pepper	Capsicum annuum L	TG/76/8
Lettuce	Lactuca staiva L.	TG/13/x
Squash	Cucurbita pepo L.	TG/119/4 Corr.2
Tomato	Solanum lycopersicum L.	TG/44/11
Tomato Rootstocks	Solarum habrochaites S. Knapp & D.M. Spooner; Solarum lyoopersicum L. x Solarum habrochaites S. Khapp & D.M. Spooner; Solarum lyoopersicum L. x Solarum pervisum (L.) Mill.; Solarum lyoopersicum L. x Solarum habrochaites (E. Ridey) Fosberg; Solarum cheesmaniae (L. Ridey) Fosberg; Solarum habrochaites (S. Knapp & D.M. Spooner	TG/294/1 Rev.3

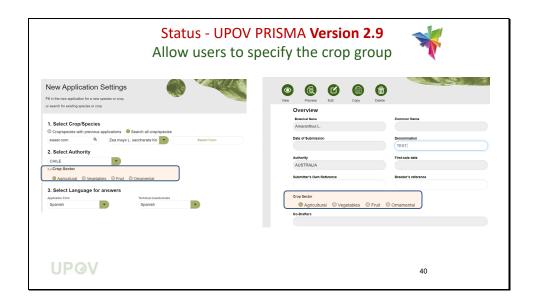
UPOV

Status - UPOV PRISMA Version 2.9



- New functionalities in V2.9:
 - In UPOV PRISMA, confirmation email (submitted and received), add a reference to the authority.
 - -For all questions "this question could be confidential", change the current default from 'No' to 'Yes';
 - See the applications waiting for agent's acceptance;
 - -Set up notifications preferences; and
 - Allow users to specify the crop group







32. Participating members in electronic applications are invited to note the plans for version 2.9 as set out in paragraphs 29 to 31 of this document.

UPOV



PREVIEW

- Use of UPOV PRISMA
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- Possible future developments (after 2024)

Status - UPOV PRISMA Version 2.10



- Planned in October 2023
- Coverage:
 - UPOV Members:
 - China

Common Name	Botanical Name	UPOV TG
Soya bean	Glycine max (L.) Merrill	TG/80/6
Kiwifruit	Actinidia Lindl.	TG/98/7
Sunflower	Helianthus annuus L.	TG/81/6
Tomato	Solanum lycopersicum L.	TG/44/11
Hot pepper	Capsicum annuum L	TG/76/8
Anthurium	Anthurium Schott	TG/86/5
Guzmania	Guzmania Ruiz et Pav.	TG/182/4
Cucumber	Cucumis sativus L.	TG/61/7
Melon	Cucumis melo L.	TG/104/5
Morchella	Morchella Dill. ex Pers.	National TG

- Brazil :
 - Limited set of crops
 - Final list not yet been decided

Status - UPOV PRISMA Version 2.10



 China and Brazil will automate application data exchange between UPOV PRISMA and their application administration system.

JP@V 44

Status - UPOV PRISMA Version 2.10



- New functionalities in V2.10:
 - Improve Search functionality; and
 - Bulk invoice upon request.

PREVIEW

- Use of UPOV PRISMA
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- Possible future developments (after 2024)

P@V 4

Status - UPOV PRISMA Version 3.0



- Planned in 2024
- · Coverage:
 - UPOV Members:
 - It will possible to make applications to Japan and e-PVP Asia (see document TC/57/9 "Cooperation in Examination", paragraph 13).

UPOV 47

Status - UPOV PRISMA Version 3.0



- New functionalities in V3.0:
 - Move to the cloud for a better resource management at infrastructure level and keep following the highest security standards:
 - Implement the new screen design for Start New Application and Copy Application;
 - Improve / revise botanical names and German translations;
 - Receive notification / alert when a change is made to the AF or TQ for GB;
 - PDF accessibility; and
 - Floating menu for chapters in the generated form page.

Status - UPOV PRISMA Version 3.0



- Implementation of Version 3.0 will be in four phases:
 - Phase 1 Work package 1 :Migration to the cloud and form generation, serialization and deserialization (from February 2023 to December 2023)
 - Phase 2 –Testing and debugging of work package 1 (January 2024)
 - Phase 3 Work package 2: Integration with existing application and dashboard (December 2023- March 2024)
 - Phase 4 Testing and debugging of work package 2 (April 2024)

JPOV 49



40. Participating members in electronic applications are invited to note the plans for version 2.10 and version 3.0 as set out in paragraphs 33 to 39 of this document.

UPOV



PREVIEW

- Use of UPOV PRISMA
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Future developments (After 2023)



- · Coverage:
 - New authorities:
 - The following UPOV members have expressed an interest to join UPOV PRISMA in the future: Bosnia and Herzegovina, Egypt., 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.

JP@V 52

Future developments (After 2023)



- · User-friendliness of the tool
 - Addition of non UPOV TQ characteristics in TQ7
 - Crop-specific TQs beyond Test Guidelines
- New functionalities
 - Bulk Upload (for maize, United Kingdom)
 - Machine translation
 - DUS Arrangement Tool (DART)

UPOV 53

Future developments (After 2023)



- Feedback Received from the users:
 - Support of multiple billing addresses
 - Improve Payment tracking interface
 - Allow to fill and sign the invoice
 - Use of Purdy's notation



44. Participating members in electronic applications are invited to note the possible future developments of UPOV PRISMA as set out in paragraphs 41 to 43 of this document.

UPOV



Meeting on electronic applications

Document EAM/1/4

'UPOV E-PVP ADMINISTRATION MODULE'

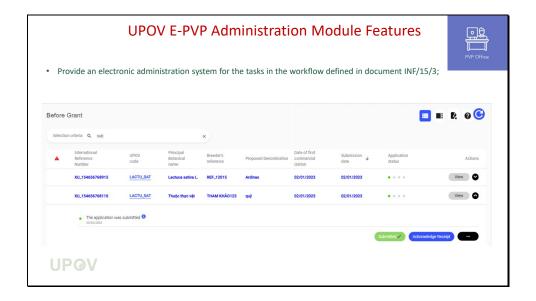
UPOV

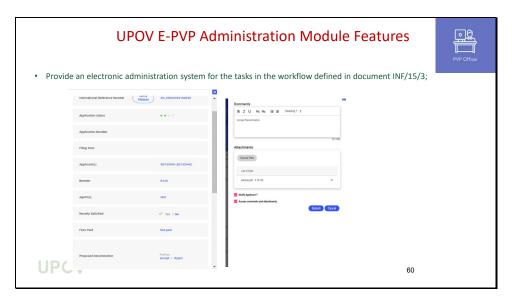
International Union for the Protection of New Varieties of Plants

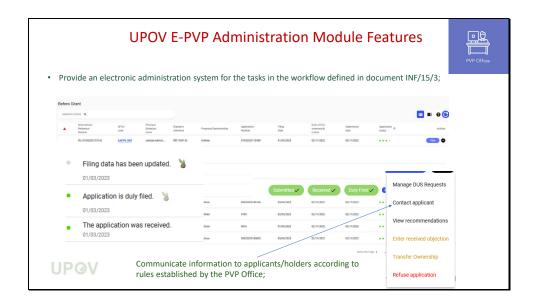
PREVIEW

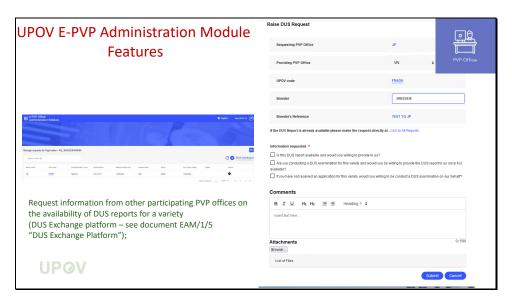
- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

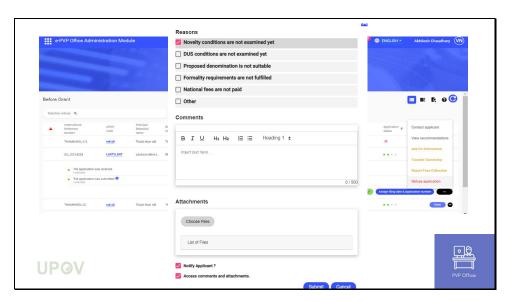
UPOV E-PVP Admin Module Design and Testing CPVO Japan* Netherlands Switzerland United Kingdom Viet Nam* Brunei Darussalam ** Malaysia** Myanmar** *EAPVP PP Participating countries **EAPVP PP Provisional Participating countries

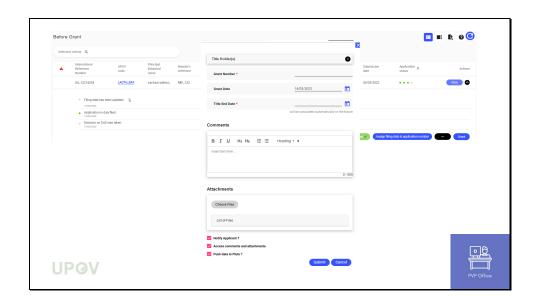


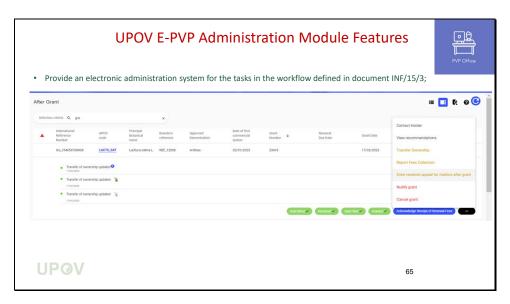


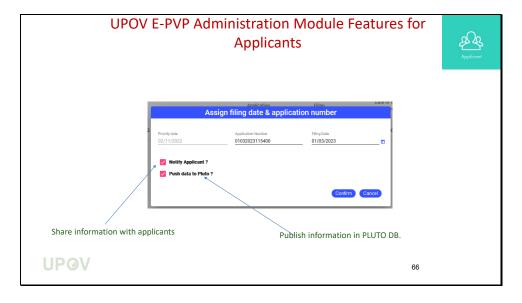


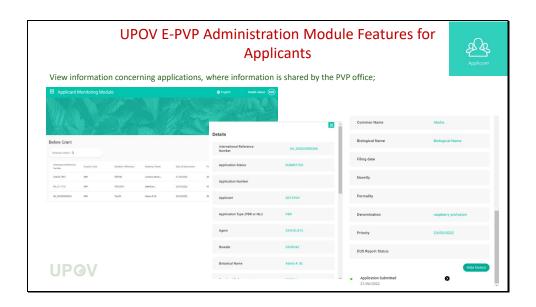












PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

UP@V

68

Planned Launch Date

- The UPOV e-PVP Administration Module will form the basis for e-PVP Asia, which is planned to be made launched in 2024.
- The UPOV e-PVP Administration Module is planned to be available to members of the Union <u>for testing and</u> <u>development from August 2023</u>.

PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

Joining Requirements

- Available for all UPOV members
- Please contact one of the team to find out more









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UP@V

PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

Cost

- Development costs:
 - Standard Module: FREE
 - Customized Module: can be developed with UPOV where the necessary extra-budgetary resources are provided and subject to the resource implications for the Office of the Union
- Hosting costs:
 - Typical annual cost of hosting is currently estimated at 1800 USD (50-100 applications per year and less than 1,000 titles in force) or 2400 USD (1,000-2,000

UPOV applications per year and less than 10,000 titles in force).

PREVIEW

- UPOV E-PVP Administration Module Features
- Planned launch date
- Joining requirements
- Cost
- Future developments

UPOV 74

Future Developments

- · Recording and comparing variety descriptions;
- National listing workflow.



UP@V

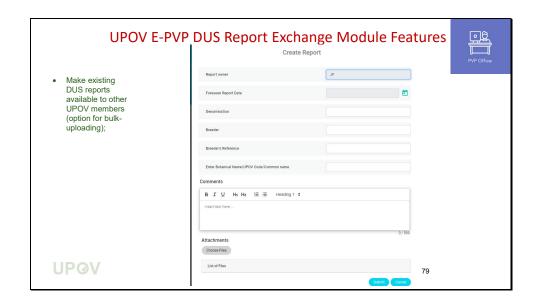
Meeting on electronic applications

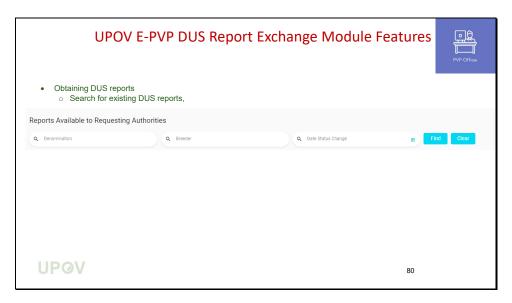
Document EAM/1/5 'UPOV E-PVP DUS Report Exchange MODULE'

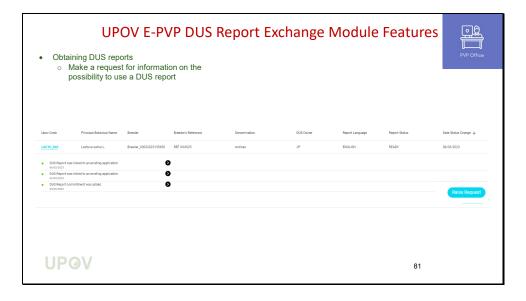
UPOV
International Union for the Protection of New Varieties of Plants

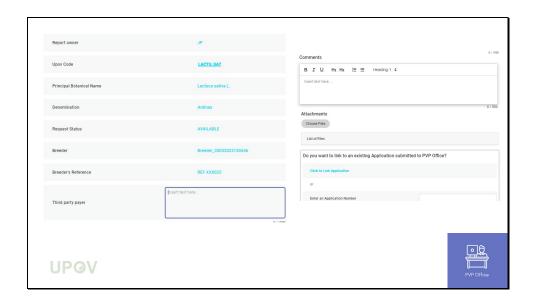
PREVIEW

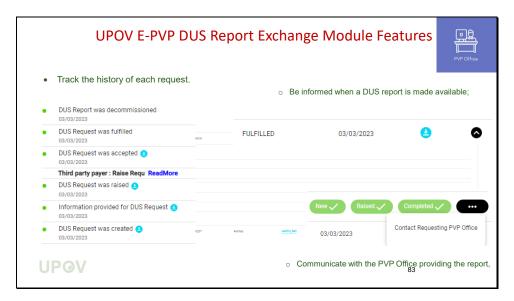
- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
- Joining requirements
- Cost











PREVIEW • UPOV E-PVP DUS Report Exchange Module Features • Planned launch date • Joining requirements • Cost

Planned Launch Date

- The UPOV e-PVP DUS Report Exchange Module will form the basis for e-PVP Asia, which is planned to be made launched in 2024.
- The UPOV e-PVP DUS Report Exchange Module is planned to be available to members of the Union for testing and <u>development</u> from August 2023.

PREVIEW

- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
- Joining requirements
- Cost

Joining Requirements

- Available for all UPOV members
- · Please contact one of the team to find out more

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(Asia)

Manabu Suzuki

IT focal point and Coordinator



Hend Madhour Hend.madhour@upov.int

PREVIEW

- UPOV E-PVP DUS Report Exchange Module Features
- Planned launch date
- Joining requirements
- Cost

UPOV 88

Cost

• Available for all UPOV members without charge



Next EAM/2 Meeting:

UPOV 9

[End of Annex II and of document]