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/16/3**

Sixteenth Meeting
Geneva, October 23, 2020

Original: English
Date: February 11, 2021

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 Sixteenth meeting on the development of an electronic form (EAF/16 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/16/1 Rev..

DEVELOPMENTS CONCERNING UPOV PRISMA

4. The meeting considered document UPOV/EAF/16/2 "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.

Version 2.4

5. The participants in the EAF/16 meeting noted that version 2.4 of UPOV PRISMA was released on February 24, 2020, at which time a fee of 90 Swiss francs was reintroduced for submissions via UPOV PRISMA. Version 2.4 provided an improved user interface, developed on the basis of feedback received from users in 2019.

Use of UPOV PRISMA

6. The participants noted the information in relation to the use of UPOV PRISMA (as of October 10, 2020), as reported in Annex II of this document.

Feedback from Users

7. The participants noted the feedback received from users on IT matters and on the information in UPOV PRISMA, and agreed the following:

Information in UPOV PRISMA

(a) Priority should be placed on working with participating PBR authorities to ensure that all related information is complete and updated in a timely way before extending UPOV PRISMA to additional UPOV members (see UPOV PRISMA Terms of Use available at: https://www.upov.int/upovprisma/en/termsuse.html "Provide the Office of the Union with the most recent and updated application forms");

(b) Need to increase coverage for important crops in participating PBR authorities that do not cover all crops/species in UPOV PRISMA;
(c) Ensure that all participating PBR authorities in UPOV PRISMA acknowledge receipt of the application data submission within a reasonable amount of time (see UPOV PRISMA Terms of Use available at: https://www.upov.int/upovprisma/en/termsuse.html "Acknowledge receipt in UPOV PRISMA of any application data submitted via UPOV PRISMA within 7 days");
(d) Ensure that all requirements of participating PBR authorities are specified in UPOV PRISMA to avoid requests for additional information after data submission via UPOV PRISMA (see UPOV PRISMA Terms of Use available at: https://www.upov.int/upovprisma/en/termsuse.html "Specify all documents required for accepting a completed application and ensure all required information can be provided in UPOV PRISMA");
(e) Avoid loss of confidence in UPOV PRISMA by withdrawing PBR authority participation where the UPOV PRISMA Terms of Use are not fulfilled.

8. The participants in the EAF/16 meeting noted that in order to ensure confidence in UPOV PRISMA, the Office of the Union would contact, individually, all participating PBR authorities before December 31, 2020, to check the information currently available in UPOV PRISMA and assess on any need to update the forms and/or requirements.

IT matters

9. The participants noted that the following items would be addressed in Version 2.5:

(a) Need to automatically save application data in case of inactivity period in the system/session;
(b) Improve the speed of response of the system; and
(c) Increase the maximum size of attachments (e.g. for pictures);

Participants noted that increasing the use of machine-to-machine communication would be a matter for each participating PBR authority to decide when to proceed and would be subject to available resources.

Analysis of Technical Questionnaires

10. The participants noted the report on variation between the technical questionnaires of participating authorities in UPOV PRISMA and the UPOV model application form, and noted that the report would be made available to participating PBR authorities and UPOV PRISMA users, upon request.

Version 2.5

11. The participants noted that Version 2.5 was anticipated to be released in December 2020, with a possible intermediate version if necessary and according to available resources.

12. The participants noted that the following participating PBR authorities had informed the Office of the Union of updates of their application or technical questionnaire forms, which would be implemented in Version 2.5, or earlier according to available resources:

- Chile
- European Union
- Mexico
- Switzerland

13. The participants noted the request from the representative of Norway, to update the way the information provided in UPOV PRISMA for Norway (Application form and Technical Questionnaire), to reflect the national requirements. It was noted that this would be implemented in version 2.5.

14. The participants noted that no new authorities would be added in Version 2.5 but the following anticipated increased coverage of crop and species in UPOV PRISMA Version 2.5, compared to Version 2.4:

Authority		Anticipated new crop coverage in Version 2.5
European Union	QZ	Maize

15. The participants noted that the following new functionalities were planned to be included in UPOV PRISMA Version 2.5:

- New version of payment interface (Epay V2) to facilitate payment by PayPal, China Union Pay and Bulk payment;
- National Listing for United Kingdom;
- Bulk upload functionality, as a proof of concept (POC) for Maize in European Union (where additional TQs for parent lines would be completed in CPVO online system);
- Customization of OAPI form layout (already made available).

16. The participants noted that, on the basis of feedback received, the following new functionalities were planned to be introduced in Version 2.5 (as reported in Annex II of this document):

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents as an interim solution when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

Possible future developments

17. The participants noted that the following UPOV members had expressed an interest to join UPOV PRISMA in the future: Bosnia and Herzegovina, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan. An update on plans would be presented at the next EAF meeting.

18. The participants noted that the following new functionalities were being considered for a future version of UPOV PRISMA:

- Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5;
- Synchronization between UPOV PRISMA and CPVO for TQ changes;
- Information on DUS cooperation (DUS Arrangement Recommendation Tool (DART));
- Machine translation;
- Crop-specific TQs beyond Test Guidelines;
- Support of additional TQs for parent lines for European Union (Bulk upload functionality).

19. The participants agreed that the addition of non UPOV TQ characteristics that were not included in UPOV Test Guidelines in future versions of UPOV PRISMA (from 2021 on)should be included in Section 7 of the UPOV PRISMA TQ instead of Section 5 (see document EAF/15/3 “Developments concerning UPOV PRISMA”, paragraphs 28 to 31).

Communication and promotion

20. The participants noted that the focus for communication in 2021 would continue to be on individual support via direct contacts and training sessions for existing UPOV PRISMA users.

21. The participants noted that UPOV PRISMA promotional material (leaflets, infographics, quick guides, PowerPoint slides) remained available in various languages (as presented in document UPOV/EAF/15/2 “Developments concerning UPOV PRISMA”). It further noted that participating PBR authorities were invited to contact the Office of the Union to obtain promotional material, in order to distribute information to their applicants.

DATE OF NEXT MEETING

22. The next meeting of the EAF (EAF/17 meeting) was agreed to be held in Geneva on March 25, 2021, from 12 pm to 2 pm (Geneva time), with participation by electronic means.

23. This report was adopted by correspondence.

[Annexes follow]

ANNEXE I / ANNEX I / ANEXO I

LISTE DES PARTICIPANTS / LIST OF PARTICIPANTS /
TEILNEHMERLISTE / LISTA DE PARTICIPANTES

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

I. MEMBRES / MEMBERS / VERBANDSMITGLIEDER / MIEMBROS

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INTERNATIONALE GEMEINSCHAFT DER ZÜCHTER VEGETATIV VERMEHRBARER GARTENBAULICHER PFLANZEN (CIOPORA) /
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Ariane BESSE (Ms.), Administrative Assistant
Trang Thi Thu TRAN (Ms.), ICS Contract

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

Meeting on the development of an Electronic Application Form

Document EAF/16/2

"Developments concerning

UPOV PRISMA"

Geneva

October 23, 2020

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International Union for the Protection of New Varieties of Plants

PREVIEW

- UPOV PRISMA Version 2.4
- Use of UPOV PRISMA
- Feedback from Users
- UPOV PRISMA Version 2.5
- Future developments
- Communication & Promotion

Status - UPOV PRISMA **Version 2.4**

- Released on **February 24, 2020**
- News:
  - New interface
  - Re introduction of UPOV PRISMA fee (90 Swiss francs per PVP application made using UPOV PRISMA) This fee is in addition to the PVP application fee(s) for the UPOV member concerned.

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UPOV PRISMA Fee - 2020

Since February 24, 2020

UPOV PRISMA

CHF 90 /submission

\+
PVP application fee(s) for the UPOV member concerned (according to the selected authority and selected crop)

Payment of the UPOV PRISMA fee: is made via the e-pay system (by credit card or bank transfer) at the time of making a submission to a PVP Office

Note: For the United Kingdom, the UPOV PRISMA fee will be paid by the United Kingdom PVP Office

National Listing: Where it is possible in a UPOV member to use UPOV PRISMA also for applications for National Listing, only one UPOV PRISMA fee will be charged (90 Swiss francs) for the same variety (even if the two applications are made at different times).

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UPOV PRISMA
Current Coverage

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.

35 UPOV members

UPOV

74 countries*

*including European Union (CPVO) and African Intellectual Property Organization (OAPI)

- African Intellectual Property Organization (OAPI)
- Argentina
- Australia
- Bolivia (Plurinational State of)
- Canada
- Chile
- China
- Colombia
- Costa Rica
- Dominican Republic
- Ecuador
- European Union (CPVO)
- France
- Georgia
- Kenya
- Mexico
- Morocco
- Netherlands
- New Zealand
- Norway
- Paraguay
- Peru
- Republic of Moldova
- Republic of Korea
- Serbia
- South Africa
- Sweden
- Switzerland
- Trinidad and Tobago
- Tunisia
- Turkey
- United Kingdom
- United States of America
- Uruguay
- Viet Nam

UPOV PRISMA
Current Crops/Species Coverage

UPOV member	Language Accepted *	Crops/ Species covered
African Intellectual Property Organization (OAPI)	English French	All
Argentina	Spanish	Selected*
Australia	English	All
Bolivia (Plurinational State of)	Spanish	All
Canada	English French	Selected*
Chile	Spanish	All
China	Chinese	Selected*
Colombia	Spanish	All
Costa Rica	Spanish	All
Dominican Republic	Spanish	All
Ecuador	Spanish	All
European Union	EU languages	Selected *
France	French	All
Georgia	Georgian	Selected*
Kenya	English	All
Mexico	Spanish	All
Morocco	French	Selected*
Netherlands	English	All

UPOV member	Language Accepted *	Crops/ Species covered
New Zealand	English	All
Norway	Norwegian	All
Paraguay	Spanish	Selected*
Peru	Spanish	All
Republic of Moldova	Romanian	Selected*
Republic of Korea	Korean	Selected*
Serbia	Serbian	Selected*
South Africa	English	All
Sweden	Swedish	All
Switzerland	English	All
Trinidad and Tobago	English	Selected*
Tunisia	French	All
Turkey	Turkish	All
United Kingdom	English	All
United States of America	English	Selected*
Uruguay	Spanish	All
Viet Nam	English Vietnamese	Selected*

* *Predefined responses, i.e. those contained in drop-down boxes (e.g. characteristics, states of expression) will be automatically translated into the required language.*

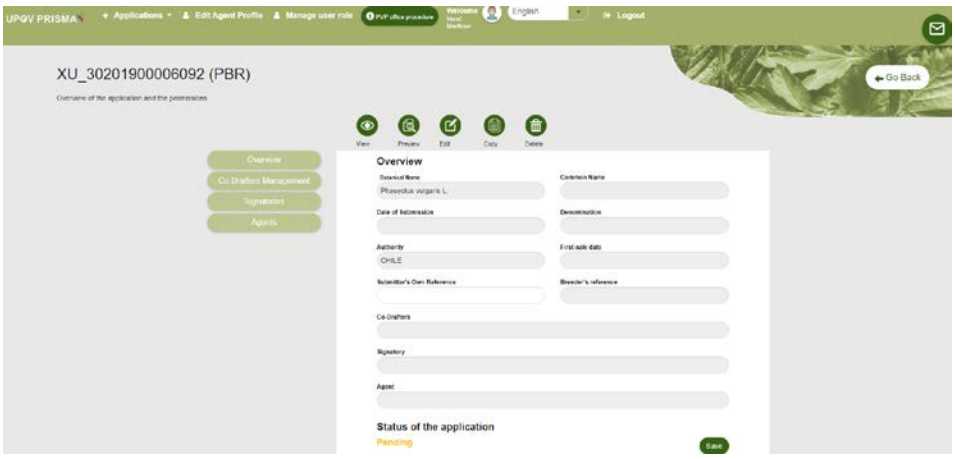
UPOV PRISMA

Current Crops/Species Coverage

**Crops and species covered by participating UPOV members that do not cover all crops/species:*

Argentina	Apple (Fruit Varieties), Barley, Black Radish, Broad Bean, Brussels Sprouts, Cauliflower, Chili, Chinese Cabbage, Cotton, Egg Plant, Fig, Grapevine, Green onion, Grey Shallot, Hot Pepper, Indian mustard, Japanese Bunching Onion, Maize, Melon, Oriental Radish, Papaya, Paprika, Potato, Rose, Salvia, Shallot, Soya Bean, Spinach, Sugarcane, Sweet Pepper, Tomato Rootstocks, Watermelon, Welsh Onion, Wheat, Witloof Chicory
Canada	All genera & species excluding algae, bacteria and fungi
China	Lettuce
European Union	All genera & species excluding agricultural crops apart from Bent, Cocksfoot, Fescue, Meadow Fescue, Potato, Soya Bean, Ryegrass, Timothy
Georgia	Apple (Fruit Varieties), Barley, Blackberry, Blueberry, Cherry (Sweet Cherry), Chick-Pea, Field Bean, French Bean, Hazelnut, Lentil, Maize, Oats, Peach, Pear, Potato, Raspberry, Soya Bean, Sunflower, Tomato, Walnut, Wheat
Morocco	Melon
Paraguay	Soya bean
Republic of Moldova	Apple (Fruit Varieties), Barley, Blackberry, Chili, European Plum, Grapevine, Hot Pepper, Lettuce, Maize, Oats, Onion, Paprika, Pea, Pear, Potato, Raspberry, Rose, Rye, Sour cherry, Soya Bean, Strawberry, Sunflower, Sunflower, Sweet Pepper, Tomato, Walnut, Wheat
Republic of Korea	Apple (Fruit Varieties), Lettuce, Potato, Rose, Soya Bean
Serbia	Apple (Fruit Varieties), Blueberry, Raspberry, Rose
Trinidad and Tobago	Anthurium, Bromeliaceae, Heliconiaceae, Orchidaceae, Sterculiaceae, Cajanus cajans Vigna sp., Theobroma cacao L.
United States of America	192 crops including Lettuce, Potato, Soya Bean, Wheat
Viet Nam	Anthurium, Carnation, Chrysanthemum, Cucumber, Dahlia, Dragon Fruit, Japanese Bunching Onion, Kohlrabi, Maize, Mango, Oranges (Citrus L. - Group 2), Peanut, Poinsettia, Potato, Rice, Rose, Soya Bean, Sunflower, Tomato, Welsh Onion, White-Red and Savoy Cabbage

New Screen: Application Details



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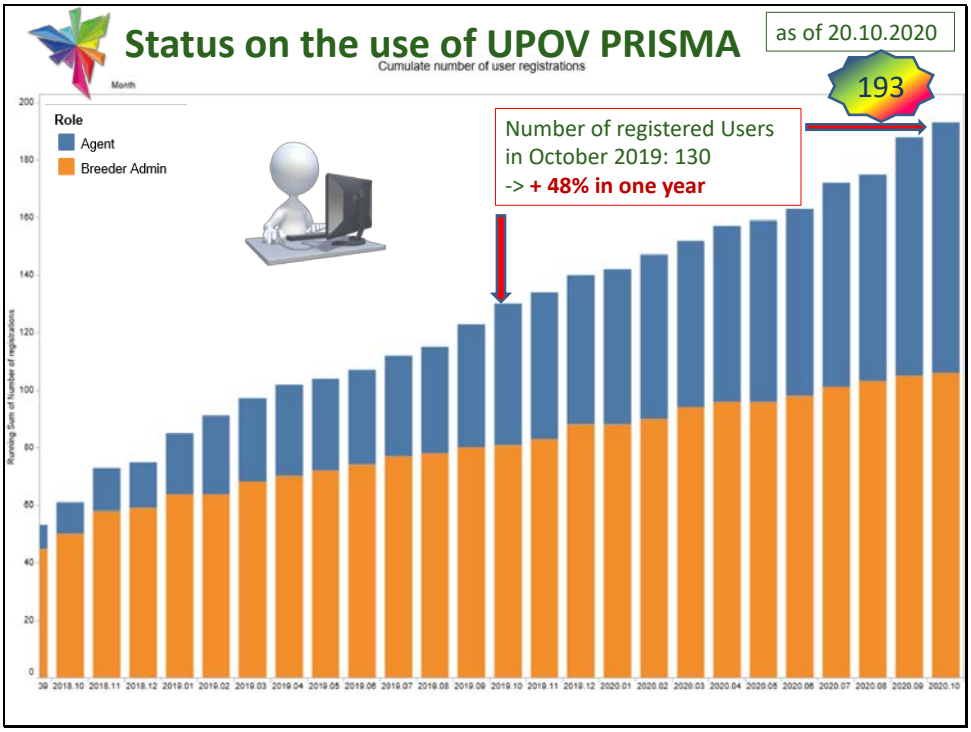
PREVIEW

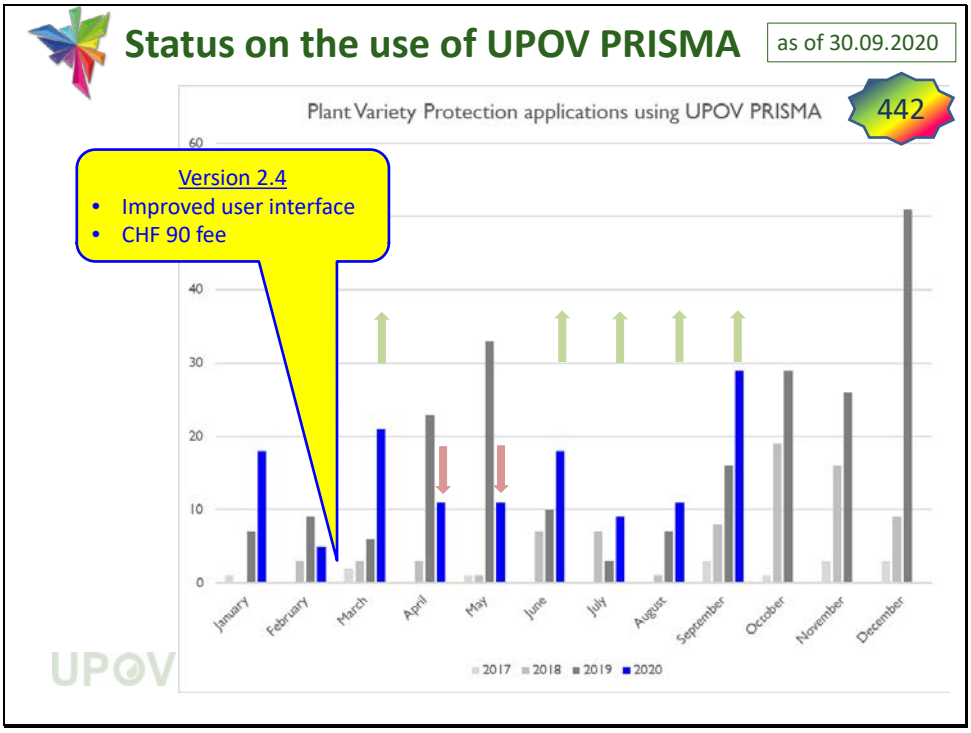
- UPOV PRISMA Version 2.4
- Use of UPOV PRISMA
- Feedback from Users
- UPOV PRISMA Version 2.5
- Future developments
- Communication & Promotion

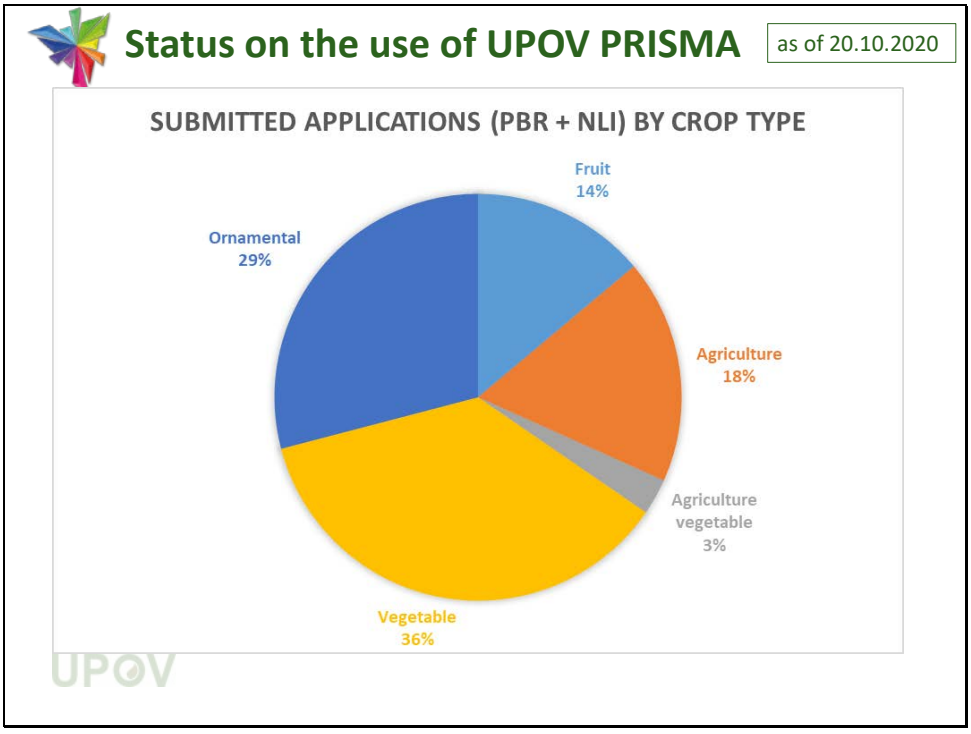
UPOV

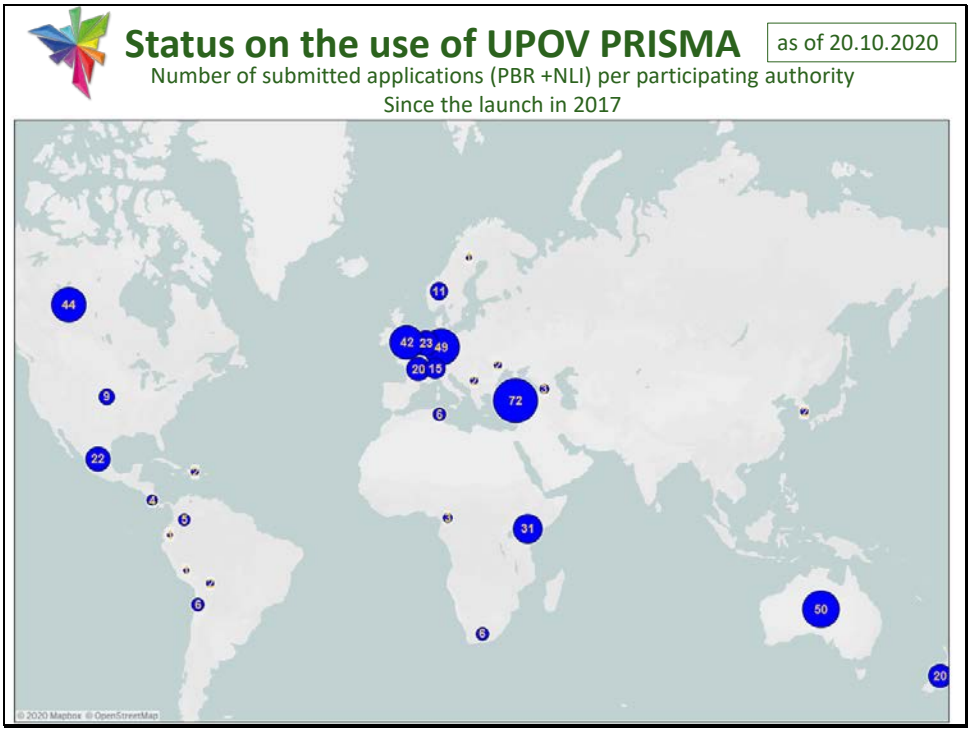
Status on the use of UPOV PRISMA

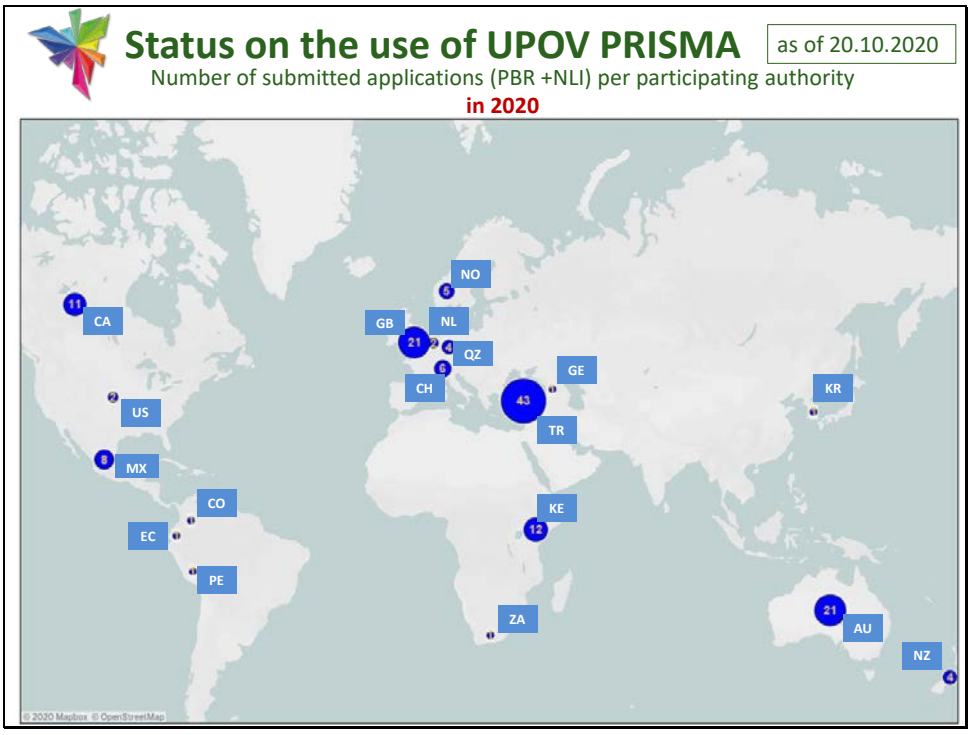
as of 20.10.2020




Status on the use of UPOV PRISMA
as of 30.09.2020
Plant Variety Protection applications using UPOV PRISMA
442
Version 2.4
• Improved user interface
• CHF 90 fee
60
40
30
20
10
0
January
February
March
April
May
June
July
August
September
October
November
December
2017
2018
2019
2020
UPOV


Status on the use of UPOV PRISMA
as of 20.10.2020
SUBMITTED APPLICATIONS (PBR + NLI) BY CROP TYPE
Fruit
14%
Agriculture
18%
Agriculture
vegetable
3%
Vegetable
36%
Ornamental
29%
UPOV


Status on the use of UPOV PRISMA
as of 20.10.2020
Number of submitted applications (PBR +NLI) per participating authority
Since the launch in 2017
44
11
42
23
49
20
15
72
9
6
22
4
5
31
6
50
6
20


Status on the use of UPOV PRISMA
as of 20.10.2020
Number of submitted applications (PBR +NLI) per participating authority
in 2020
NO
6
11
CA
GB
NL
21
4
QZ
6
GE
CH
43
KR
2
US
TR
8
MX
CO
KE
12
EC
PE
ZA
21
AU
NZ
4

10. Participating members in the development of the electronic application form are invited to note developments in relation to UPOV PRISMA.

UPOV

PREVIEW

- UPOV PRISMA Version 2.4
- Use of UPOV PRISMA
- Feedback from Users
- UPOV PRISMA Version 2.5
- Future developments
- Communication & Promotion

UPOV

16

Feedback received from Users

- **Information in UPOV PRISMA :**

a) Priority should be placed on working with participating PBR authorities to ensure that all related information is complete and updated in a timely way before extending UPOV PRISMA to additional UPOV members;

b) Need to increase coverage for important crops in participating PBR authorities that do not cover all crops/species in UPOV PRISMA;

UPOV

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Feedback received from Users

- **Information in UPOV PRISMA (cont'd) :**

c) Ensure that all participating PBR authorities in UPOV PRISMA acknowledge receipt of the application data submission within a reasonable amount of time

d) Ensure that all requirements of participating PBR authorities are specified in UPOV PRISMA to avoid requests for additional information after data submission via UPOV PRISMA

UPOV

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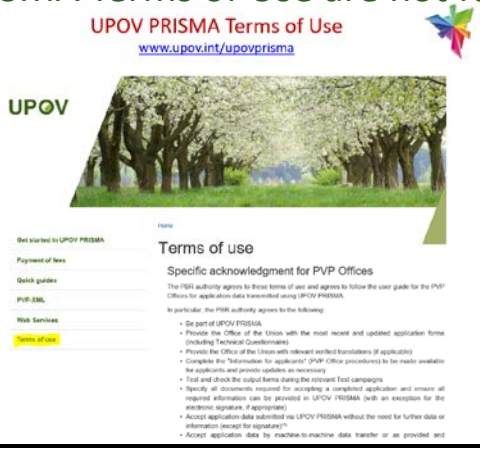
Feedback received from Users

- **Information in UPOV PRISMA (cont'd) :**

d) Avoid loss of confidence in UPOV PRISMA by withdrawing PBR authority participation where the UPOV PRISMA Terms of Use are not fulfilled.



UPOV

Feedback received from Users

Action Plan:

- Information in UPOV PRISMA :

➢ Individual contact with participating PBR authorities to check the information currently available in UPOV PRISMA and get the update of the forms and/or requirements before December 31, 2020 (see paragraphs 13 & 14 UPOV/EAF/16/2)

UPOV

Feedback received from Users

- **IT matters:**

a) Need to automatically save application data in case of inactivity period in the system/session;

b) Improve the speed of response of the system;

c) Increase the maximum size of attachments (e.g. for pictures);

d) Implement machine-to-machine communication with all PVP Offices that have electronic application systems.

UPOV

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Feedback received from Users

Action Plan:

- IT matters:

➢ See development planned for Version 2.5 and future Versions

UPOV

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Feedback received from Users

- **Analysis of Application Forms & Technical Questionnaires:**

Harmonization

To be presented live at the EAF/16 meeting

UPOV

PREVIEW

- UPOV PRISMA Version 2.4
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UPOV

Tentative Timetable
UPOV PRISMA **Version 2.5**

- Launch UPOV PRISMA Version 2.5:
  - **December 2020**
- Intermediate version is planned if possible :
  - November 2020
    - Bulk upload

UPOV

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PREVIEW

- UPOV PRISMA Version 2.4
- Use of UPOV PRISMA
- Feedback from Users
- UPOV PRISMA Version 2.5
  - Update of Coverage
  - New functionalities
  - Fix of identified IT issues
- Future developments
- Communication & Promotion

UPOV

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UPOV PRISMA **Version 2.5** Preview

Update of Coverage:

- For participating UPOV members
- For crop/species

UPOV

Coverage UPOV PRISMA **Version 2.5**

- No new PBR authorities compared to V 2.4
- The following participating PBR authorities have informed the Office of the Union of updates of their application or technical questionnaire forms, which will be implemented in Version 2.5, or earlier according to available resources:
  - Chile
  - European Union
  - Mexico
  - Switzerland

UPOV

Anticipated crop coverage expansion
UPOV PRISMA **Version 2.5**

Authority	Crop Coverage Expansion
European Union	Maize

- European Union:
  - Maize: customized approach
  - Will be used as a proof of concept (POC) for Bulk Upload functionality

UPOV

Anticipated crop coverage expansion
UPOV PRISMA **Version 2.5**

- European Union (Maize):
  - Additional TQs for parent lines would be completed in CPVO online system
- In Version 2.6 :
  - Support of additional TQs for parent lines

UPOV

PREVIEW

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UPOV

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UPOV PRISMA **Version 2.5** Preview

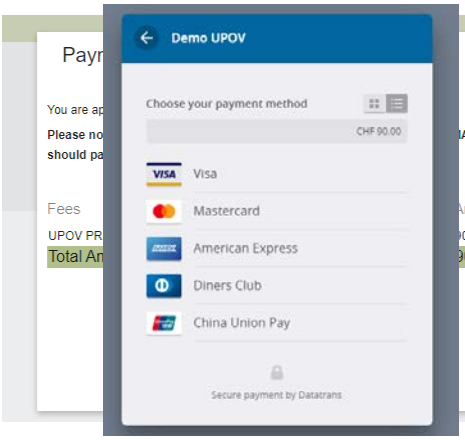
New functionalities :

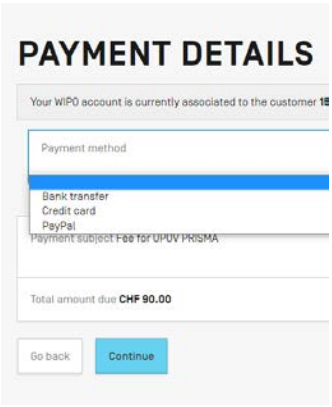
- New version of payment interface (Epay V2) to facilitate payment by PayPal, China Union Pay and Bulk payment;
- National Listing for United Kingdom;
- Bulk upload functionality;
- Customization of OAPI form layout (already made available).

UPOV

New Functionalities
UPOV PRISMA **Version 2.5**

- New version of payment interface (Epay V2) to facilitate payment by PayPal, China Union Pay and Bulk payment;





UPOV PRISMA **Version 2.5**
Preview

New functionalities :

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UPOV

UPOV PRISMA **Version 2.5** Preview

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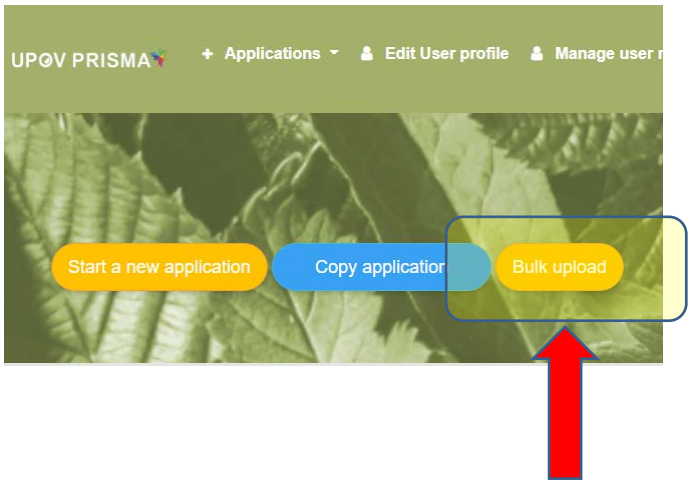
- National Listing for United Kingdom;
- Bulk upload functionality;
- Customization of OAPI form layout (already made available).

UPOV

New Functionalities UPOV PRISMA **Version 2.5**

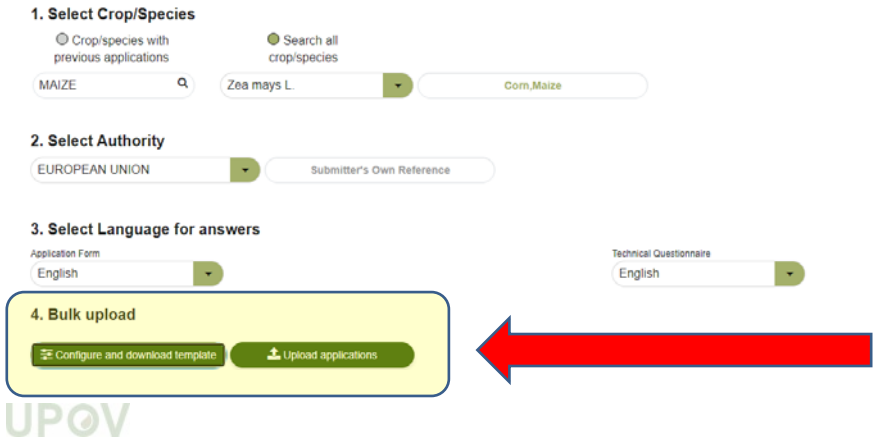
- Bulk upload functionality



UPOV

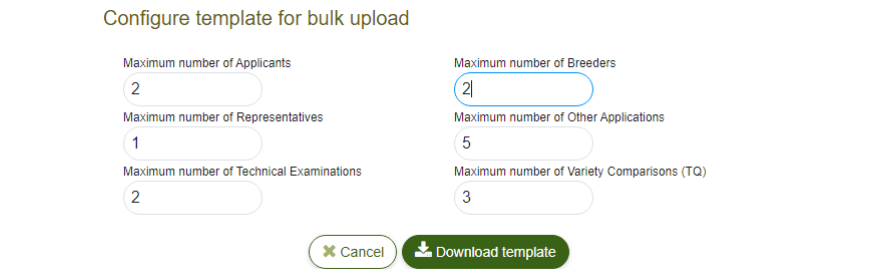
New Functionalities
UPOV PRISMA **Version 2.5**

- Bulk upload functionality



New Functionalities
UPOV PRISMA **Version 2.5**

- Bulk upload functionality



UPOV PRISMA **Version 2.5** Preview

New functionalities :

- New version of payment interface (Epay V2) to facilitate payment by PayPal, China Union Pay and Bulk payment;
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- Bulk upload functionality;
- Customization of OAPI form layout (already made available).

UPOV

New Functionalities UPOV PRISMA **Version 2.5**

- Customization of OAPI form layout (already made available).

Review your application data

Organisation Africaine de la Propriété Intellectuelle — OAPI — African Intellectual Property Organization

DEMANDE DE CERTIFICAT D'OBTENTION VEGETALE

(Remplir électroniquement ce formulaire, sans rature ni surcharge)

Le (la) soussigné (e) dépose la présente demande conformément à l'annexe X de l'Accord de Bangui — OV10.01

Cadre réservé à l'Administration Nationale	Cadre réservé à l'OAPI
PV n° : Du : Fait à : Pays : **VISA**	Date de réception : Date de dépôt : N° de dépôt: **VISA**
I. Espèce (nom commun) :	
II. Taxon botanique: nom du genre, de l'espèce ou sous-espèce auquel appartient la variété: Fragaria L.	
III. Dénomination ✔ Dénomination proposée : xxxx ❑ Dénomination provisoire : ❑ Réf. obtenteur :	
IV. Déposant 1 ✔ Personne(s) physique(s) ❑ Personne(s) morale(s)	
Dénomination(s) sociale(s) / Nom(s) et prénom(s) PERALS1lastName PERALS1	
Adresse(s) addresse	Nationalité (Nom du Pays)

Next — Cancel

UPOV

PREVIEW

- UPOV PRISMA Version 2.4
- Use of UPOV PRISMA
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  - Update of Coverage
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UPOV

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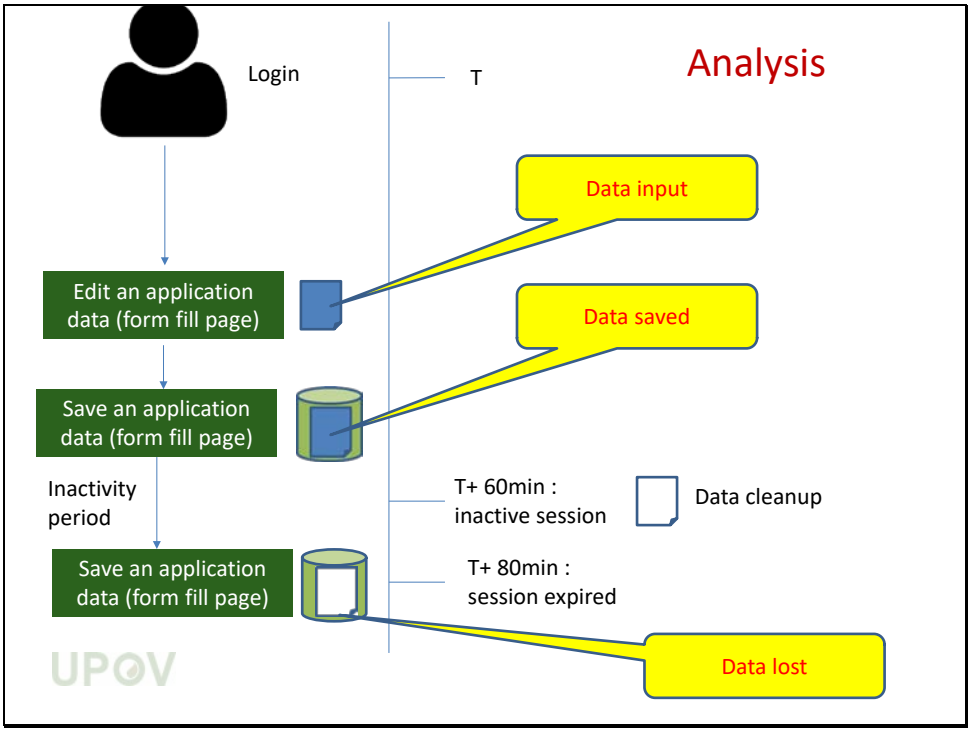
UPOV PRISMA **Version 2.5**
Preview

Fix of identified IT issues:

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

UPOV



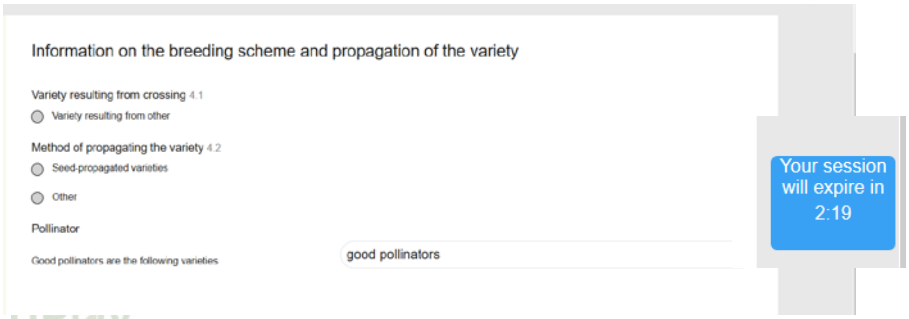
Need to automatically save application data in case of inactivity period in the system/session

- Use of cookies (the same type of cookies as for WIPO account session management) to identify when a session becomes inactive

UPOV

Need to automatically save application data in case of inactivity period in the system/session

- 10 minutes before :
  - The user is notified
  - A timer countdown is displayed



Need to automatically save application data in case of inactivity period in the system/session

- When a session becomes inactive, the form page will be redirected to dashboard page.
- Auto-save and unlock application data before redirection.

UPOV PRISMA **Version 2.5** Preview

Fix of identified IT issues:

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

UPOV

Improve the speed of response of the system

- Performance experts:
  - Dashboard loading time ✓
  - Form generation
- Upgrade planned for next release (V2.5)

UPOV

UPOV PRISMA **Version 2.5** Preview

Fix of identified IT issues:

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

UPOV

Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality)

- When a user is working on an application data (Edit mode), the other users (co-drafters, signatories, agents) are not allowed to access the application data
- In case of improper leave of the edit mode (e.g. closing the browser without saving and going back to the dashboard), the application data remains locked

UPOV

Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality)

- Solution:
  - Every 5 minutes, the system checks if the application is still locked by a user
  - If it is not the case, the system unlocks automatically the application data
  - If necessary, an unlock button can be made available to unlock manually the application data.

UPOV

UPOV PRISMA **Version 2.5** Preview

Fix of identified IT issues:

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

UPOV

Allow co-agents to appear in the public list of agents available for breeders

- In UPOV PRISMA, users within a global legal entity can have the following roles:
  - One single agent
  - Co-agent(s)
  - Drafter(s)
  - Authorized signatory(ies)
- Only agents can specify the PBR authorities in which their company are eligible to operate.

UPOV

Allow co-agents to appear in the public list of agents available for breeders;

- Identified issues:
  - Due to legal restrictions, agent's address is used to allow the selection of PBR authorities in which agents MUST be resident.
  - It is impossible to select for example European Union and Australia at the same time.

UPOV

Allow co-agents to appear in the public list of agents available for breeders;

- Solution:
  - Allow co-agents to specify where they are eligible to operate.
  - Allow breeders to appoint co-agents in UPOV PRISMA.

UPOV

UPOV PRISMA **Version 2.5** Preview

Fix of identified IT issues:

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

UPOV

Increase the maximum size of attachments

- Configuration changes have been applied
  - Accepted loading time up to 120 seconds ✓
  - File size limitation is 50 MO ✓

UPOV

UPOV PRISMA **Version 2.5** Preview

Fix of identified IT issues:

- Automatically save the application data in case of a period of inactivity;
- Improve system performance;
- Avoid simultaneous access to the same application data by colleagues from the same organization (application data lock functionality);
- Allow co-agents to appear in the public list of agents available for breeders;
- Allow uploading of large attachments;
- Allow the possibility to attach documents when a PBR authority revises its application or technical questionnaire forms;
- Improve user interface for copy functionality.

UPOV

Improve user interface for copy functionality

- Copy functionality covers many use cases in one single interface:
  - Case (i): Same PBR authority/ Same crop / Same application type (PBR or national listing)
  - Case (ii): Different PBR authorities/ Same Crop
  - Case (iii): Same PBR authority/Different crops
  - Case (iv): Different PBR authorities/ Different crops
- Identified issues:
  - Complex interface/ not user friendly
  - Misuse of the functionality
    - It leads sometimes to the original application data withdraw

UPOV

Improve user interface for copy functionality

- Requirements:
  - In case of different PBR authorities, the representative's details are not copied
  - If the same variety is targeted, the same IRN is kept in order to get benefit of the associated combined application data for future data reuse.

- It is difficult to address the requirements at the same time for different use cases

UPOV

Improve user interface for copy functionality

- Solution:
  - Separate the cases into two categories based on whether or not the same variety is targeted
    - Two copy buttons will be available

UPOV

Improve user interface for copy functionality

- Use Case 1: Copy data of the same variety
  - Crop, submitter's own reference are not editable.
  - The same IRN is kept
  - The list of PBR authorities (supporting the selected crop) and language for answers are editable.
  - If the same PBR authority is selected (case (i)):
    - The original application data is withdrawn
  - If another PBR authority is selected (case (ii)):
    - Representative's details are not copied

UPOV

Improve user interface for copy functionality

- Use Case 2: Copy data of another variety
  - Different IRNs are generated automatically
  - In this case, the authority of the original data is selected by default as well as the crop
  - If the same PBR authority is selected (by default) (case (iii))
    - All data is copied
  - If another PBR authority is selected (case (iv))
    - Representative's details are not copied

UPOV

23. Participating members in the development of the electronic application form are invited to consider the plans for UPOV PRISMA Version 2.5, as set out in paragraphs 18 to 22.

UPOV

PREVIEW

- UPOV PRISMA Version 2.4
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- Future developments
- Communication & Promotion

UPOV

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Future developments (After Version 2.5)

- Expansion
  - UPOV members
    - (Bosnia and Herzegovina, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan have previously expressed interest to join future releases)
      - The Office of the Union will discuss with those UPOV members their latest plans to join UPOV PRISMA and expected timeline.
  - Crops
    - According to participating PBR Authorities request on the basis of applicants' interest

UPOV

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Future developments (After Version 2.5) Preview

- New functionalities
  - Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5;
  - Synchronization between UPOV PRISMA and CPVO for TQ changes;
  - More PBR authorities with machine-to-machine links/ communication to UPOV PRISMA;
  - Information on DUS cooperation (DUS Arrangement Tool (DART));
  - Machine translation;
  - Additional participating PBR authorities with National Listing;
  - Crop-specific TQs beyond Test Guidelines.

UPOV

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Future developments (After Version 2.5) Preview

31. In future versions of UPOV PRISMA (from 2021 on), for participating PBR authorities in UPOV PRISMA, which require information on characteristics that are not included in the UPOV TQ to be included in UPOV PRISMA (e.g. Netherlands), it is proposed to include them in Section 7 of the UPOV PRISMA TQ instead of Section 5 (Option 2 below), on the basis of the following analysis:

UPOV

Addition of non UPOV TQ characteristics (after Version 2.5)

Option 1: To include characteristics that are not included in the UPOV TQ in Section 5 (i.e. Characteristics of the variety) of the UPOV PRISMA TQ:

Advantages:

a) The information provided will be reusable in subsequent applications (crop-dependent data reusability)
b) The output form will be similar to the current forms (Forms display in line with national TQ forms)

Disadvantages:

a) The UPOV PRISMA data structure would need to be updated (PVP-XML should include the standard structure (i.e. Characteristic name + States of Expression))
b) Additional development costs are foreseen (Code generation)
c) A new deployment of the system would be required for each update

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Addition of non UPOV TQ characteristics (after Version 2.5)

Option 2: To include characteristics that are not included in the UPOV TQ in Section 7 (i.e. Additional Information) of the UPOV PRISMA TQ:

Advantages:

a) The UPOV PRISMA data structure (PVP-XML) does not need to be updated
b) No additional development costs are foreseen on the UPOV side
c) No new deployment of the system would be required
d) Rapid response to request for inclusion (Fast integration of new/updated characteristics)
e) The output forms will remain similar to the current forms in the case of machine-to-machine communication or customized layout (No impact on the form layout)
f) The concerned PBR Authority will have the possibility for their applicants to use UPOV PRISMA for all genera & species, thereby remaining in Approach 1 (i.e. the TQ in UPOV PRISMA would be identical to the TQ in the adopted UPOV TGs) (see document EAF/10/3 “Report” paragraphs 12 and 13)

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Addition of non UPOV TQ characteristics (after Version 2.5)

Option 2: To include characteristics that are not included in the UPOV TQ in Section 7 (i.e. Additional Information) of the UPOV PRISMA TQ:

Disadvantages:

a) The information provided by the applicant would not be reusable in a subsequent application, as it would be inserted as free text (no data reusability between different authorities). However, this is not considered to be a major disadvantage because the characteristics are not harmonized with other UPOV members
b) The display of output forms might be different from the PBR authority TQ forms (i.e. the numbering or the order of the sections)
c) Work is required on the PVP Office side (preparation of data in a predefined excel template is required (to be done by PVP office)

UPOV

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Future developments (After Version 2.5) Preview

- New functionalities
  - Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5;
  - Synchronization between UPOV PRISMA and CPVO for TQ changes;
  - More PBR authorities with machine-to-machine links/ communication to UPOV PRISMA;
  - Information on DUS cooperation (DUS Arrangement Tool (DART));
  - Machine translation;
  - Additional participating PBR authorities with National Listing;
  - Crop-specific TQs beyond Test Guidelines.

UPOV

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Synchronization between UPOV PRISMA and CPVO for TQ changes (after Version 2.5)

- Automatic notification of changes in the TQ questions
- Changes are reflected automatically in the following cases:
  - New national characteristics organized as part of TQ7
  - New wording without changing the semantics
  - Addition of UPOV characteristics in TQ5
  - Deletion of questions

UPOV

Future developments (After Version 2.5) Preview

- New functionalities
  - Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5;
  - Synchronization between UPOV PRISMA and CPVO for TQ changes;
  - More PBR authorities with machine-to-machine links/ communication to UPOV PRISMA;
  - Information on DUS cooperation (DUS Arrangement Tool (DART));
  - Machine translation;
  - Additional participating PBR authorities with National Listing;
  - Crop-specific TQs beyond Test Guidelines.

UPOV

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Implement machine-to-machine communication with PBR authorities participating in UPOV PRISMA (after Version 2.5)

- Already in production (i.e. in UPOV PRISMA)
  - European Union
  - United States of America
- PBR authorities that have been in contact with UPOV office
  - Brazil
  - China
  - Georgia
  - Kenya
  - Republic of Korea
  - Republic of Moldova
  - Japan
  - Uruguay

UPOV

Future developments (After Version 2.5) Preview

- New functionalities
  - Addition of non UPOV TQ characteristics in TQ Section 7 instead of TQ Section 5;
  - Synchronization between UPOV PRISMA and CPVO for TQ changes;
  - More PBR authorities with machine-to-machine links/ communication to UPOV PRISMA;
  - Information on DUS cooperation (DUS Arrangement Tool (DART));
  - Machine translation;
  - Additional participating PBR authorities with National Listing;
  - Crop-specific TQs beyond Test Guidelines.

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UPOV

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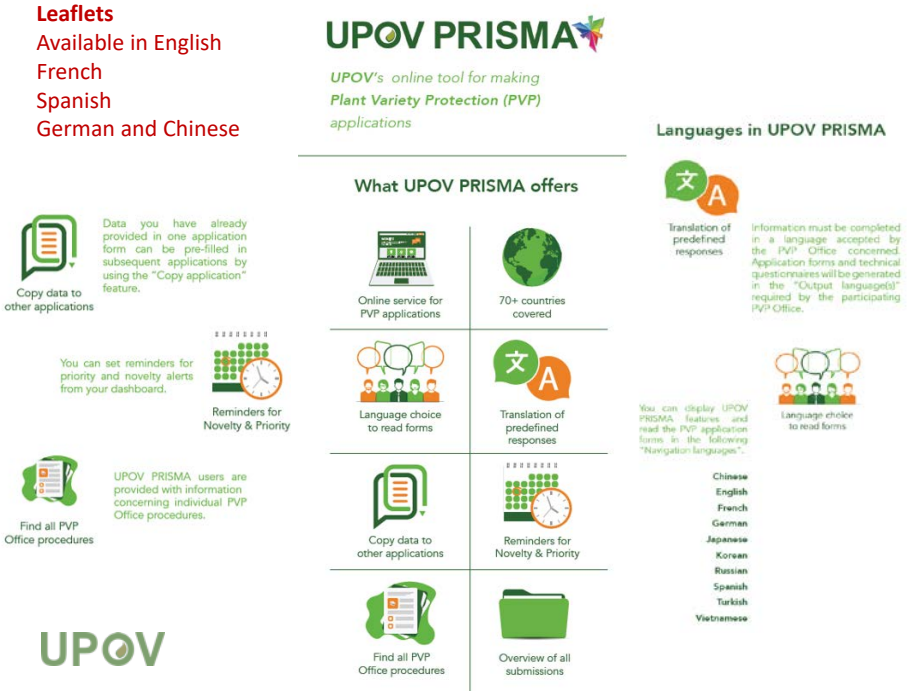
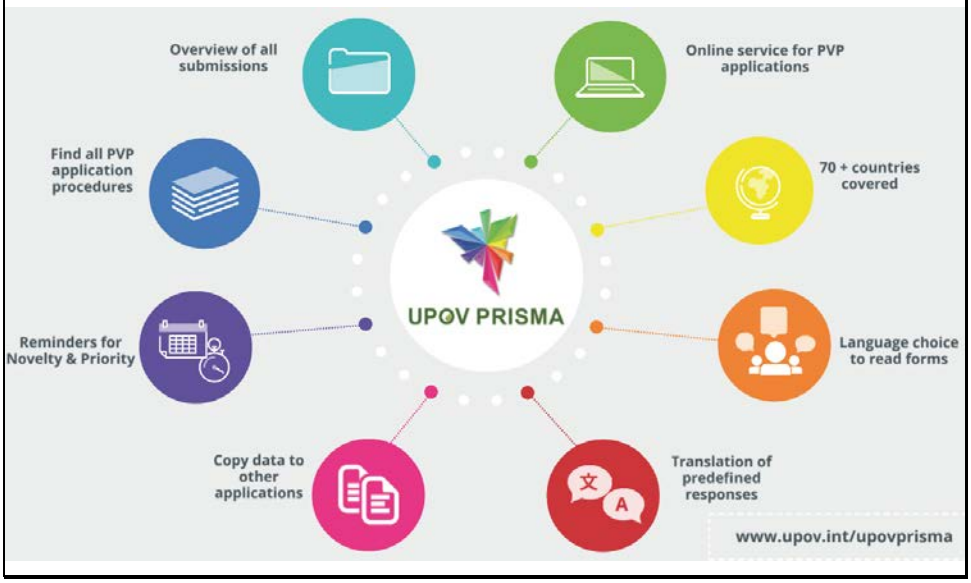
Leaflets
Available in English
French
Spanish
German and Chinese



UPOV

UPOV PRISMA
Infographic

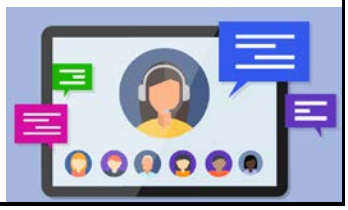
Available in English French, Spanish German and Chinese



UPOV PRISMA
Power Point slides

UPOV PRISMA PROMOTION in 2021

- Priority given to customer support, **individual contacts** (one to one) with individual users
- UPOV PRISMA **promotional material** (leaflets, infographics, quick guides, PowerPoint slides) remain available in different languages for participating PBR authorities to reach out their applicants



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32. Participating members in the development of the electronic application form are invited to note the proposed future developments of UPOV PRISMA as set out in paragraphs 27 to 31.

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Next EAF/17 Meeting :

➢ **March 25, 2021** :

- 12 pm-2 pm
- Online meeting

TENTATIVE DATES OF MEETINGS IN 2021

MARCH	Tuesday, 23 and Wednesday, 24	Enlarged Editorial Committee
OCTOBER	Sunday, 24 and Monday, 25 (evening)	Enlarged Editorial Committee
	Monday, 25 and Tuesday, 26	Technical Committee
	Wednesday, 27	Administrative and Legal Committee
	Thursday, 28	Consultative Committee
	Friday, 29	Council

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[End of Annex II and of document]