

## Meeting on the development of an electronic application form

UPOV/EAF/17/3

**Seventeenth Meeting**  
**Geneva, March 25, 2021**

**Original:** English  
**Date:** May 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 Seventeenth meeting on the development of an electronic form (EAF/17 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/17/1.

## DEVELOPMENTS CONCERNING UPOV PRISMA

4. The meeting considered document UPOV/EAF/17/2 “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 2.5

#### *Functionalities*

5. The EAF/17 participants noted that the current version of UPOV PRISMA (Version 2.5) was fully deployed on February 1, 2021, with the following 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 (Proof Of Concept on a limited scope for restricted users);
  - Automatically save the application data in case of a period of inactivity;
  - Improve system performance for dashboard (further improvement for the generation of the forms performance is planned in Version 2.6);
  - 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;
  - When a PBR authority ask for a revision to the applicant, allow the possibility to attach documents.

#### *Coverage*

6. The EAF/17 participants noted that application or technical questionnaire forms had been updated for the following participating PBR authorities in Version 2.5: Chile, European Union and Switzerland.
7. The EAF/17 participants noted that no UPOV members had been added in Version 2.5. Maize was added as new crop for the European Union. The coverage of UPOV PRISMA in Version 2.5 was as follows:

Authority		Crop coverage in Version 2.5
African Intellectual Property Organization (OAPI)	OA	All genera and species
Argentina	AR	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
Australia	AU	All genera and species
Bolivia (Plurinational State of) *	BO	All genera and species
Canada	CA	All genera & species excluding algae, bacteria and fungi
Chile	CL	All genera and species
China	CN	Lettuce
Colombia	CO	All genera and species
Costa Rica	CR	All genera and species
Dominican Republic	DO	All genera and species
Ecuador	EC	All genera and species
European Union	QZ	All genera & species excluding agricultural crops apart from Bent, Cocksfoot, Fescue, Maize, Meadow Fescue, Potato, Soya Bean, Ryegrass, Timothy
France	FR	All genera & species
Georgia	GE	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
Kenya	KE	All genera and species
Morocco	MA	Melon
Mexico	MX	All genera and species
Netherlands	NL	All genera and species
New Zealand	NZ	All genera and species
Norway	NO	All genera and species
Paraguay *	PY	Soya Bean
Peru	PE	All genera and species
Republic of Moldova	MD	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	KR	Apple (Fruit Varieties), Lettuce, Potato, Rose, Soya Bean
Serbia	RS	Apple (Fruit Varieties), Blueberry, Raspberry, Rose
South Africa	ZA	All genera and species
Sweden	SE	All genera and species
Switzerland	CH	All genera and species
Trinidad and Tobago	TT	Anthuriums , Bromeliaceae, Heliconiaceae, Orchidaceae, Sterculiaceae, Cajanus cajan, Vigna sp., Theobroma cacao L.
Tunisia	TN	All genera and species
Turkey	TR	All genera and species
United Kingdom	GB	All genera and species
United States of America	US	192 crops including Lettuce, Potato, Soya Bean, Wheat
Uruguay	UY	All genera & species
Viet Nam	VN	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
Total	35	

*\*Until required information is provided, applicants will not be able to submit application data for the concerned authorities*

### Use of UPOV PRISMA

8. The EAF/17 participants noted the information on the use of UPOV PRISMA (as of March 24, 2021), as reported in Annex II of this document.

### Feedback from Users

9. The EAF/17 participants noted that the following issues have been raised by users:

*New version of payment interface (Epay V2)*

10. The new version of Epay (Epay V2), required by WIPO, resulted in certain problems at the time of launch but have since been resolved.

*Auto-save functionality*

11. In Version 2.5, a new “Auto-save” functionality was introduced to address loss of data when data were not saved after a period of inactivity in the system. The introduction of this new functionality created some new issues where different users were working on the same application (within the same company, with third parties and/or at different times). The consequence of the issue was that certain data could not be retrieved by users and needed to be recovered by the UPOV PRISMA IT team.

*Lack of options for certain TQ information (Section 5) in relation to Disease Resistance*

12. In relation to the information requested in the UPOV Technical Questionnaire for certain disease resistance characteristics, it was reported that there is a need to have “Not tested” as an option.

Planned work for 2021

13. The EAF/17 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:

- Appoint an external company to perform a software quality audit;
- Automate regression tests (to limit the risk of negative impact when introducing new functionalities);
- Organize user acceptance testing (UAT) before going live with any new functionalities.

14. With regard to receiving feedback and organizing user acceptance tests, the EAF/17 participants noted that it was proposed to work with a “Task Force” of users to be identified by CIOPORA and ISF.

15. In accordance with the feedback from users and on the basis of the strong growth in the number of applications made using UPOV PRISMA in 2021, the EAF/17 meeting participants noted that the order of priority in 2021 would be as follows:

- (a) Resolve user issues concerning Version 2.5:
  - Auto-save functionality,
  - UPOV TQ options for disease resistance characteristics;
- (b) Update of participating PBR authority information;
- (c) Improve user-friendliness of UPOV PRISMA;
- (d) Expand the coverage of UPOV PRISMA.

*Resolving user issues concerning Version 2.5*Auto-save function

16. The EAF/17 participants noted that in order to resolve the auto-save issue, the previous auto-save functionality would be removed and a new auto-save version introduced. In the interim, users concerned have been advised to save data manually rather than relying on the auto-save function.

17. The EAF/17 participants noted that user acceptance tests of the new auto-save functionality were planned, to ensure that everything was fully tested before introducing the new functionality.

UPOV TQ options for disease resistance characteristics

18. The EAF/17 participants noted that for newly adopted revisions of Test Guidelines a “not tested” option had been implemented, meaning this change would be reflected in the system for all new TGs, once approved by the relevant UPOV bodies and once synchronized in UPOV PRISMA. The EAF/17 participants noted the comment made by the representative from the Netherlands that as far as possible, all required information should be provided in UPOV PRISMA, in order to avoid the need to ask applicants for additional information. It noted that it was not intended to add “not tested” as an option in UPOV PRISMA for disease resistance

questions in the TQ5 if that option was not specified in the UPOV TG. The EAF/17 participants agreed to wait for the adopted Version of the UPOV Test Guidelines, before making any changes in UPOV PRISMA.<sup>1</sup>

#### *Updating of participating PBR authority information*

19. The EAF/17 participants noted that participating PBR authorities had been reminded to inform the Office of the Union if there was a need to update requirements in UPOV PRISMA (e.g. update of the forms, additional information).

20. The EAF/17 participants noted that application or technical questionnaire forms would be updated for the following participating PBR authorities as soon as possible: Mexico and Norway.

#### *Improve user-friendliness of UPOV PRISMA*

21. The EAF/17 participants noted that, as a first step, it was proposed to organize online workshops with users to review certain functionalities (e.g. copy functionality, assignment of roles), in order to identify ways to improve the user-friendliness of UPOV PRISMA.

22. A further step to improve user-friendliness would be to introduce a bulk upload feature, which would enable applicants to enter data in a pre-defined template (available for download in UPOV PRISMA) as a means of transmitting multiple applications, at one time, for the same authority and the same crop. The EAF/17 participants noted that a proof of concept had been tested for Maize with the CPVO, with real application data. The next step would be to extend the concept to other crops and authorities and with different user profiles. The scope of bulk upload feature and timeline for deployment would be discussed with breeders and authorities.

23. The EAF/17 participants noted the support expressed by a representative from ISF for the development of a bulk upload functionality and the importance it attached to the functionality.

24. The EAF/17 participants noted that WIPO had developed a new interface for online WIPO IP services (WIPO IP Portal - see <https://ipportal.wipo.int/>). It noted the plans to integrate UPOV PRISMA into this platform, so that WIPO client users (e.g. agents) could also:

- access UPOV PRISMA from the IP Portal Menu;
- navigate to and from UPOV PRISMA to other IP services offered by WIPO (e.g. e-PCT, eHague, Madrid) and use a common dashboard for payment services.

#### Expanding the coverage

##### *UPOV members*

25. The EAF/17 participants noted that no new additional participating PBR authorities were planned to be included in 2021.

##### *Crops/species*

26. The following participating PBR authority had informed the Office of the Union of their intention to extend the crop coverage in UPOV PRISMA. The EAF/17 participants noted anticipated changes would be implemented in 2021.

Authority		Anticipated new crop coverage
Morocco	MA	Blackberry, blueberry, raspberry, strawberry,

##### *Version 2.6*

27. The EAF/17 participants noted that on the basis of the priorities set out above (see paragraph 15 of this document), the following new functionalities are planned to be introduced in 2021 (Version 2.6):

---

<sup>1</sup> As an interim solution until the TGs are revised, if the applicant is unable to provide the required information in the TQ and if the PBR authority agrees that the information is not necessary, on a case-by-case basis, an arrangement can be made to allow the applicant to submit the application data to the authority concerned without the information.

New functionalities

- (a) Integrate UPOV PRISMA into the WIPO IP Portal;
- (b) Development of bulk upload functionality (Proof of Concept Version 2);
- (c) UPOV TQ options for disease resistance characteristics.

IT improvements

- (a) Improve the performance of form generation.

Communication and promotion

28. The EAF/17 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.

29. The EAF/17 participants noted the report by a representative of ISF, on the ISF Seed Talks Exclusive web event on “Get to know UPOV PRISMA”, held on March 17, 2021 on the World Seed Channel to promote the use of the Tool by providing testimonials from active users. The representative of ISF agreed to consider the possibility to make the user’s interview available more widely.

Possible developments after 2021*Coverage*

30. The EAF/17 participants noted that the Office of the Union would consult relevant participating PBR authorities concerning their requirements and timeline to:

- include National Listing in UPOV PRISMA (see document EAF/15/3 “Report” paragraph 12);
- introduce machine-to-machine links/ communication to UPOV PRISMA (see document EAF/15/3 “Report” paragraph 12).

31. The EAF/17 participants noted that the following UPOV members had expressed an interest to join UPOV PRISMA in the future: Bosnia and Herzegovina, Brazil, Japan, Nicaragua, Singapore, United Republic of Tanzania and Uzbekistan. It further noted that 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*

32. The EAF/17 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 EAF/17/3 “Report” paragraph 19);
- Crop-specific TQs beyond Test Guidelines (see document EAF/16/3 “Report” paragraph 18).
- TQ Synchronization between UPOV PRISMA and CPVO (see document EAF/16/3 “Report” paragraph 18);
- Improvement of the copy functionality (according to the outcomes of the workshops organized with users).

*New functionalities*

33. The EAF/17 participants noted that the following new functionalities would be considered for possible development after 2021:

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

DATE OF NEXT MEETING

34. It was agreed that the date of the eighteenth meeting of the EAF (EAF/18 meeting) would be agreed after the arrangements for the UPOV sessions in October 2021 had been finalized.

35. *This report was adopted by correspondence.*

[Annex I follows/  
L'annexe I suit/  
Sigue el 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)

I. MEMBRES / MEMBERS / MIEMBROS

ARGENTINE / ARGENTINA / ARGENTINA

María Laura VILLAMAYOR (Sra.), Coordinadora de Relaciones Institucionales e Interjurisdiccionales, Instituto Nacional de Semillas (INASE), Secretaría de Agricultura, Ganadería, Pesca y Alimentación, Buenos Aires  
(e-mail: mlvillamayor@inase.gob.ar)

María Lilia LOSADA (Sra.), Profesional Técnica, Dirección de Registro de Variedades, Instituto Nacional de Semillas (INASE), Secretaría de Agricultura, Ganadería, Pesca y Alimentación, Buenos Aires  
(e-mail: mlosada@inase.gob.ar)

BRÉSIL / BRAZIL / BRASIL

Ricardo ZANATTA MACHADO (Mr.), Federal Agricultural Inspector, Coordinator, Serviço Nacional de Proteção de Cultivares (SNPC), Ministry of Agriculture, Livestock and Food Supply, Brasília D.F.  
(e-mail: ricardo.machado@agricultura.gov.br)

CANADA / CANADA / CANADÁ

Sarah GRENIER (Ms.), Program Officer, Plant Breeders' Rights Office, Canadian Food Inspection Agency (CFIA), Ottawa  
(e-mail: sarah.grenier@canada.ca)

Ashley BALCHIN (Ms.), Examiner, Plant Breeders' Rights Office, Canadian Food Inspection Agency (CFIA), Ottawa  
(e-mail: ashley.balchin@canada.ca)

CHINE / CHINA / CHINA

Yongqi ZHENG (Mr.), Research Professor, Laboratory of Molecular Identification of Plant Varieties, Office of Protection of New Varieties of Plants, National Forestry and Grassland Administration of China (NFGA), Beijing  
(e-mail: zhengyq@caf.ac.cn)

YANG Yang (Ms.), Senior Examiner, Division of Plant Variety Protection, Development Center of Science and Technology (DCST), Ministry of Agriculture and Rural Affairs (MARA), Beijing  
(e-mail: yangyang@agri.gov.cn)

Yilei HOU (Ms.), Lecturer of Beijing Forestry University, National Forestry and Grassland Administration of China (NFGA), Beijing  
(e-mail: houyilei427@163.com)

Yuxia LIU (Ms.), Principal Staff Member, Division of Plant Variety Protection, Office for Protection of New Varieties of Plant, National Forestry and Grassland Administration of China (NFGA), Beijing  
(e-mail: liuyuxia@cnpvp.net)

ÉGYPTE / EGYPT / EGIPTO

Shymaa Zoheir ABOSHOSHA (Ms.), Agriculture Engineer, Plant Variety Protection Office, Central Administration for Seed Testing and Certification (CASC), Giza  
(e-mail: sh\_z9@hotmail.com)

FRANCE / FRANCE / FRANCIA

Yvane MERESSE (Mme), Responsable INOV, Groupe d'Étude et de Contrôle des Variétés et des Semences (GEVES), Beaucouzé cedex  
(e-mail: yvane.meresse@geves.fr)

Catherine MALATIER (Mme), Assistante INOV, Groupe d'étude et de contrôle des variétés et des semences (GEVES), Beaucouzé cedex  
(e-mail: catherine.malatier@geves.fr)

JAPON / JAPAN / JAPÓN

Teruhisa MIYAMOTO (Mr.), Deputy Director of Plant Variety Office, Intellectual Property Division, Food Industry Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries (MAFF), Tokyo  
(e-mail: teruhisa\_miyamoto170@maff.go.jp)

Yoshiyuki OHNO (Mr.), Examiner, Intellectual Property Division, Food Industry Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries (MAFF), Tokyo  
(e-mail: yoshiyuki\_ono300@maff.go.jp)

Hiroyuki KAWANO (Mr.), Technical Official, PVP Office, Intellectual Property Division, Food Industry Affairs Bureau, Ministry of Agriculture, Forestry and Fisheries (MAFF), Tokyo  
(e-mail: hiroyuki\_kawano750@maff.go.jp)

KENYA / KENYA / KENYA

Gentrix Nasimiyu JUMA (Ms.), Chief Plant Examiner, Kenya Plant Health Inspectorate Service (KEPHIS), Nairobi  
(e-mail: gjuma@kephis.org)

LITUANIE / LITHUANIA / LITUANIA

Rūta PIEVISKIENĖ (Ms.), Chief specialist, Plant Variety Division, State Plant Service, Vilnius  
(e-mail: ruta.pieviskiene@vatzum.lt)

MAROC / MOROCCO / MARRUECOS

Zoubida TAOUSSI (Ms.), Responsable de la protection des obtentions végétales, Office National de Sécurité sanitaire de Produits Alimentaires (ONSSA), Rabat  
(e-mail: ztaoussi67@gmail.com)

MEXIQUE / MEXICO / MÉXICO

Víctor Manuel VÁSQUEZ NAVARRETE (Sr.), Director de Variedades Vegetales, Servicio Nacional de Inspección y Certificación de Semillas (SNICS), Secretaría de Agricultura y Desarrollo Rural (SADER), México  
(e-mail: victor.vasquez@agricultura.gob.mx)

NORVÈGE / NORWAY / NORUEGA

Pia BORG (Ms.), Senior Advisor, Norwegian Food Safety Authority, Brumunddal  
(e-mail: pia.borg@mattilsynet.no)

PAYS-BAS / NETHERLANDS / PAÍSES BAJOS

Wim SANGSTER (Mr.), Specialist Vegetable Varieties, Team DUS Vegetables, Naktuinbouw, Roelofarendsveen  
(e-mail: w.sangster@naktuinbouw.nl)

Dita HAGEN (Ms.), Application Specialist, Naktuinbouw, Roelofarendsveen  
(e-mail: d.hagen@naktuinbouw.nl)

Heleen KLERKS (Ms.), Team Support, Raad voor Plantenrassen, Roelofarendsveen  
(e-mail: h.klerks@rasraad.nl)

POLOGNE / POLAND / POLONIA

Alicja RUTKOWSKA-LOS (Mrs.), Head, National Listing and Plant Breeders' Rights Protection Office, The Research Centre for Cultivar Testing (COBORU), Slupia Wielka  
(e-mail: a.rutkowska-los@coboru.gov.pl)

Ewa WOJCIŃSKA (Ms.), Head, IT Department, Research Centre for Cultivar Testing (COBORU), Slupia Wielka  
(e-mail: e.wojcinska@coboru.gov.pl)



RÉPUBLIQUE DE CORÉE / REPUBLIC OF KOREA / REPÚBLICA DE COREA

Hyoncheol KWON (Mr.), Responsable PRISMA, Korea Seed & Variety Service (KSVS), Gyeongsangvuk-do  
(e-mail: khcj500@korea.kr)

Woo Gun SHIN (Mr.), Agricultural Researcher, Variety Protection Division, Korea Seed and Variety Service (KSVS), Gyeongsangvuk-do  
(e-mail: swgseed@korea.kr)

RÉPUBLIQUE DE MOLDOVA / REPUBLIC OF MOLDOVA / REPÚBLICA DE MOLDOVA

Ala GUSAN (Ms.), Deputy Head, Patents Division, Inventions and Plant Varieties Department, State Agency on Intellectual Property of the Republic of Moldova (AGEPI), Chisinau  
(e-mail: ala.gusan@agepi.gov.md)

RÉPUBLIQUE DOMINICAINE / DOMINICAN REPUBLIC / REPÚBLICA DOMINICANA

Freddy SANCHEZ (Mr.), Technology Manager, Oficina para el Registro de Variedades y Obtenciones Vegetales (OREVADO), Santo Domingo  
(e-mail: freddsanchez156@gmail.com)

ROYAUME-UNI / UNITED KINGDOM / REINO UNIDO

Robert WARLOW (Mr.), Team Leader, National Listing / Plant Breeders' Rights, Animal and Plant Health Agency (APHA), Cambridge  
(e-mail: rob.warlow@apha.gov.uk)

Caroline POWER (Ms.), Plant varieties and seeds Administrator, Animal and Plant Health Agency (APHA), Cambridge  
(e-mail: caroline.power@apha.gov.uk)

SERBIE / SERBIA / SERBIA

Gordana LONCAR (Ms.), Senior Adviser for Plant Variety protection, Plant Protection Directorate, Group for Plant Variety Protection and Biosafety, Ministry of Agriculture, Forestry and Water Management, Belgrade  
(e-mail: gordana.loncar@minpolj.gov.rs)

UKRAINE / UKRAINE / UCRANIA

Nataliya YAKUBENKO (Ms.), Head, Department of International Cooperation and Support of the UPOV Council Representative, Ukrainian Institute for Plant Variety Examination, Kyiv  
(e-mail: nataliya.yakubenko@gmail.com)

Svitlana VASKIVSKA (Ms.), Head, Pending Applications, Examination of Denomination and Novelty Department, Ukrainian Institute for Plant Variety Examination, Kyiv  
(e-mail: sapfira\_vsv@ukr.net)

UNION EUROPÉENNE / EUROPEAN UNION / UNIÓN EUROPEA

Jean MAISON (Mr.), Deputy Head, Technical Unit, Community Plant Variety Office (CPVO), Angers  
(e-mail: maison@cpvo.europa.eu)

II. OBSERVATEURS / OBSERVERS / OBSERVADORES

ALGÉRIE / ALGERIA / ARGELIA

Lotfi BOUDJEDAR (Mr.), Directeur des Brevets, Institut National Algérien de la Propriété Industrielle, Alger  
(e-mail: l.boudjedard@inapi.org)

III. ORGANISATIONS / ORGANIZATIONS / ORGANIZACIONES

ORGANISATION RÉGIONALE AFRICAINE DE LA PROPRIÉTÉ INTELLECTUELLE (ARIPO) /  
AFRICAN REGIONAL INTELLECTUAL PROPERTY ORGANIZATION (ARIPO) /  
ORGANIZACIÓN REGIONAL AFRICANA DE LA PROPIEDAD INTELECTUAL (ARIPO)

Flora Kokwihyukya MPANJU (Ms.), Head, Search and Substantive Examination, Harare, Zimbabwe  
(e-mail: fmpanju@aripo.org)

CROPLIFE INTERNATIONAL

Marcel BRUINS (Mr.), Consultant, CropLife International, Bruxelles  
(e-mail: mbruins1964@gmail.com)

INTERNATIONAL SEED FEDERATION (ISF)

Szabolcs RUTHNER (Mr.), Regulatory Affairs Manager, International Seed Federation (ISF), Nyon  
(e-mail: s.ruthner@worldseed.org)

Sietske WOUDE (Ms.), Global Market Access Lead, Syngenta Crop Protection AG, Basel  
(e-mail: sietske.wouda@syngenta.com)

Astrid M. SCHENKEVELD (Ms.), Specialist, Plant Breeder's Rights & Variety Registration | Legal, Rijk  
Zwaan Zaadteelt en Zaadhandel B.V., De Lier  
(e-mail: a.schenkeveld@rijkszwaan.nl)

Maria José VILLALÓN-ROBLES (Ms.), PVP Specialist EMEA, Bayer - Crop Science, Bergschenhoek  
(e-mail: mariajose.villalonrobles@bayer.com)

Anna ISIERTE (Ms.), Regulatory specialist, Syngenta, Saint-Sauveur  
(e-mail: anna.isierte@syngenta.com)

COMMUNAUTÉ INTERNATIONALE DES OBTENTEURS DE PLANTES HORTICOLES À  
REPRODUCTION ASEXUÉE (CIOPORA) /  
INTERNATIONAL COMMUNITY OF BREEDERS OF ASEXUALLY REPRODUCED HORTICULTURAL  
PLANTS (CIOPORA) /  
COMUNIDAD INTERNACIONAL DE OBTENTORES DE PLANTAS HORTÍCOLAS DE REPRODUCCIÓN  
ASEXUADA (CIOPORA)

Hélène JOURDAN (Mme), Secrétaire générale, Association des Obtenteurs Horticoles Européens (AOHE),  
Responsable COV & Marques, Meilland International S.A., Le Luc en Provence  
(e-mail: licprot@meilland.com)

IV. BUREAU / OFFICER / OFICINA

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

Ben RIVOIRE (Mr.), Head of Seed Sector Cooperation and Regional Development (Africa, Arab Countries)

Leontino TAVEIRA (Mr.), Head of Technical Affairs and Regional Development (Latin America, Caribbean)

Hend MADHOUR (Ms.), IT Officer

Manabu SUZUKI (Mr.), Technical/Regional Officer (Asia)

Amit SHARMA (Mr.), IT Support Officer

Caroline ROVERE (Ms.), Communication and Events Officer

Ariane BESSE (Ms.), Administrative Assistant

Romy OERTEL (Ms.), Secretary II

Urška ČERV (Ms.), Agency Worker

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/17/2  
“Developments concerning  
UPOV PRISMA”

Geneva  
March 25, 2021

**UPOV**

International Union for the Protection of New Varieties of Plants

### PREVIEW

- UPOV PRISMA Version 2.5
- Use of UPOV PRISMA
- Feedback from Users
- Planned Work for 2021
- Future developments (after 2021)

**UPOV**

2

### Status - UPOV PRISMA Version 2.5 (V2.5)



- fully deployed on **February 1, 2021**
- News features in V2.5 :
  - New version of payment interface (Epay V2) to facilitate payment by PayPal, China Union Pay and Bulk payment (EpayV1 no longer supported by WIPO)
  - National Listing for United Kingdom;
  - Bulk upload functionality (Proof Of Concept on a limited scope for restricted users: Maize, for one authority for one single user);
  - Automatically save the application data in case of a period of inactivity;

**UPOV**

3

### Status - UPOV PRISMA Version 2.5 (V2.5)



- News features in V2.5 (cont'd):
  - Improve system performance for dashboard (further improvement for the generation of the forms performance is planned in Version 2.6);
  - 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;
  - When a PBR authority ask for a revision to the applicant, allow the possibility to attach documents.

**UPOV**

4

### UPOV PRISMA Fee - 2021

**UPOV PRISMA**



+  
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, PayPal, or bank transfer) at the time of making a submission to a 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) at the time of the first submission.

**UPOV**

## 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**

**74  
countries\***

**UPOV**

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

African Intellectual Property Organisation (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	Selected*
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

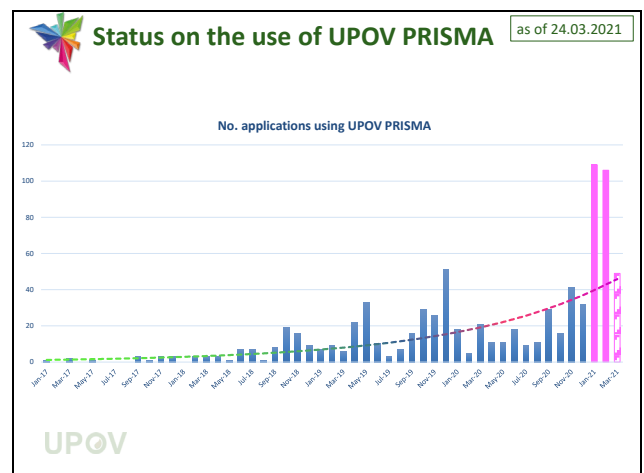
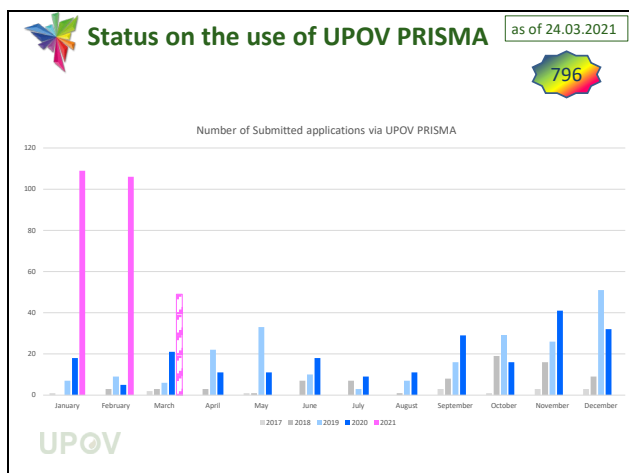
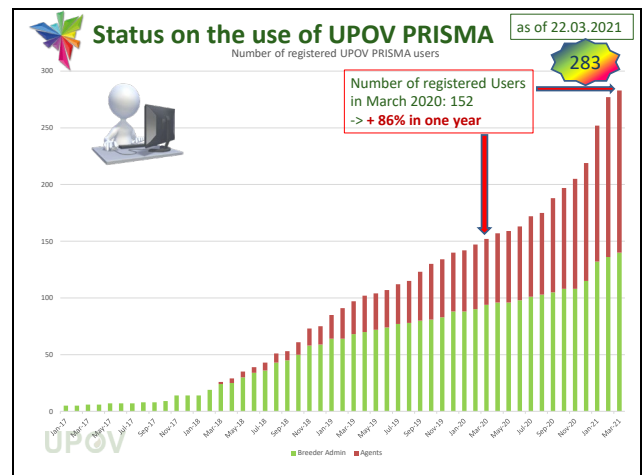
\*Crops and species covered by participating UPOV members that do not cover all crops/species:

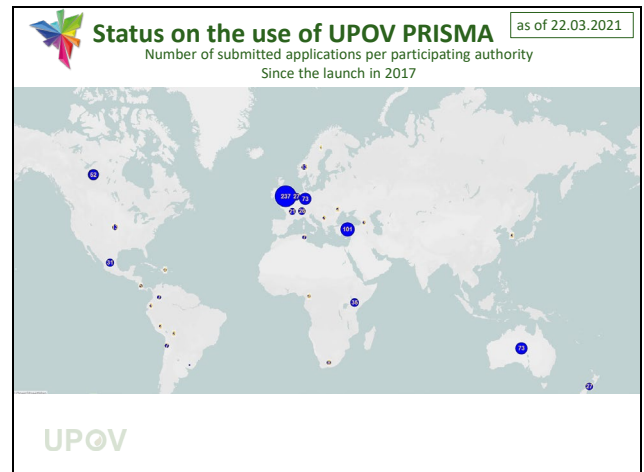
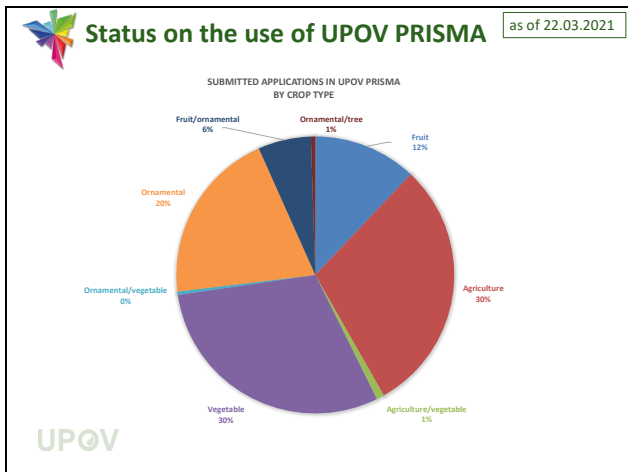
Argentina	Apple (Fruit Varieties), Barley, Black Radish, Broad Bean, Brussels Sprouts, Cauliflower, Chili, Chinese Cabbage, Cotton, Egg Plant, Fig, Grapevine, Green onion, Grey Shallot, Hot Pepper, Indian mustard, Japanese Bunching Onion, Maize, Melon, Oriental Radish, Papaya, Paprika, Potato, Rose, Savoy, Shallot, Soybean, Spinach, Sugarcane, Sweet Pepper, Tomato Rootstocks, Watermelon, Welsh Onion, Wheat, Wildflower
Canada	All genera & species excluding algae, bacteria and fungi
China	Lettuce
European Union	All genera & species excluding agricultural crops apart from Bent, Cockfoot, Fescue, Maize, Meadow Fescue, Potato, Soybean, 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, Soybean, Sunflower, Tomato, Walnut, Wheat
Morocco	Melon
Paraguay	Soybean
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, Soybean, Strawberry, Sunflower, Sweet Pepper, Tomato, Walnut, Wheat
Republic of Korea	Apple (Fruit Varieties), Lettuce, Potato, Rose, Soybean
Serbia	Apple (Fruit Varieties), Blueberry, Raspberry, Rose
Trinidad and Tobago	Artichoke, Bromeliaceae, Heliconiaceae, Orchidaceae, Sterculiaceae, Cajanus cajan Vigna.sp., Theobroma cacao L.
United States of America	192 crops including Lettuce, Potato, Soybean, Wheat
Viet Nam	Artichoke, Camellia, Chrysanthemum, Cucumber, Dahlia, Dragon Fruit, Japanese Bunching Onion, Kohlrabi, Maize, Mango, Oranges (Citrus L. - Group 2), Peanut, Pineapple, Potato, Rice, Rose, Soybean, Sunflower, Tomato, Welsh Onion, White-Red and Savoy Cabbage

### PREVIEW

- UPOV PRISMA Version 2.5
- Use of UPOV PRISMA
- Feedback from Users
- Planned Work for 2021
- Future developments (after 2021)

9





**PREVIEW**

- UPOV PRISMA Version 2.5
- Use of UPOV PRISMA
- **Feedback from Users**
- Planned Work for 2021
- Future developments (after 2021)

UPOV

15

**Feedback received from Users**

1. New version of payment interface (Epay V2)
2. Auto-save functionality
  - Issues for multiple users working on the same application
3. Lack of options for certain TQ information (Section 5)
  1. "Not applicable" option is added for characteristics applicable for only specific varieties.
  2. In old TGs, Disease resistance questions are under TQ5 and do not have «Not tested» option

UPOV

16

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

UPOV

**UPOV PRISMA 2021**  
**Software Quality Improvement**

Appoint an **external** company to perform a software quality audit :  
Improve the delivery process including testing phase

UPOV

## CIOPORA + ISF \_UPOV PRISMA Task Force groups



Collaborative work to improve the Tool

UPOV

## PREVIEW

- UPOV PRISMA Version 2.5
- Use of UPOV PRISMA
- Feedback from Users
- Planned Work for 2021
- Future developments (after 2021)

UPOV

20

## UPOV PRISMA 2021 Preview



1. Resolve user issues concerning Version 2.5:
  - Auto-save functionality
  - UPOV TQ options for disease resistance characteristics
2. Update of participating PBR authority information
3. Improve user-friendliness of UPOV PRISMA
4. Expand the coverage of UPOV PRISMA

UPOV

## UPOV PRISMA 2021 Auto-save (Current situation)



- Introduced in version 2.5 (early 2021) to address loss of data when data not saved before period of inactivity
- Situation:
  - Problem related to cases where different users are working on the same application
    - Within the same company (e.g. several colleagues involved)
    - With third parties (e.g. agents)
    - At different time
- Origin of the problem:
  - When the application is not saved and the browser is kept open without saving the changes made (inactive session)
  - Issues with the current solution developed
    - The recovered data replaces the original data without copying the original application permissions (Co-drafters, application data signatories, agents, owners)
- Impact:
  - Data is missing (because the system overwrites with previously saved data)
  - Application is missing from the dashboard (because the ownership is transferred to the active user or because the permissions are not copied)
- Temporary solution: Data needs to be recovered by UPOV PRISMA team upon request
- In WIPO PCT and Madrid, auto-save function is not provided

## UPOV PRISMA 2021 Auto-save (Proposal)



- New auto-save feature, triggered every 5 minutes
- There is a risk to lose 5 minutes work (as current auto-save)
- Before each auto-save, the system checks that the data is not empty
  - If the data is empty, users will be asked to choose:
    1. to stay in the form in case they would like to check , or;
    2. to close the application and be redirected to the dashboard automatically in order to reopen the previously saved application
- Application permissions (co-drafter, application signatory, agent, owner) are preserved

## UPOV PRISMA 2021 Preview



1. Resolve user issues concerning Version 2.5:
  - Auto-save functionality
  - UPOV TQ options for disease resistance characteristics
2. Update of participating PBR authority information
3. Improve user-friendliness of UPOV PRISMA
4. Expand the coverage of UPOV PRISMA

UPOV

**UPOV PRISMA 2021**  
**UPOV TQ options for disease resistance characteristics**



- “Not applicable” option is added for characteristics applicable for only specific varieties.
- In old TGs, Disease resistance questions are under TQ5 and do not have «Not tested» option
- A work around using «Not applicable» is applied to French Bean (TG/12)

UPOV

25

**UPOV PRISMA 2021**  
**UPOV TQ options for disease resistance characteristics**



- Proposal: Temporarily, apply the same approach for following TGs:
  - Tomato (TG/44)
  - Almond (TG/56)
  - Gherkin, Cucumber (TG/61)
  - Sweet Pepper (TG/76)
  - Cotton (TG/88)
  - Melon (TG/104)
  - Tomato Rootstocks (TG/294)
- Pending revision by the TC

UPOV

26

**UPOV PRISMA 2021**  
**Preview**



1. Resolve user issues concerning Version 2.5:
  - Auto-save functionality
  - UPOV TQ options for disease resistance characteristics
2. Update of participating PBR authority information
3. Improve user-friendliness of UPOV PRISMA
4. Expand the coverage of UPOV PRISMA

UPOV

**UPOV PRISMA 2021**  
**2. Updating of participating PBR authority information**



Participating PBR authorities are reminded to **inform the Office of the Union** if there is a need to **update requirements** in UPOV PRISMA:

- update of the forms,
- additional information,
- review of the PVP Office procedures.

UPOV

**UPOV PRISMA 2021**  
**Preview**



1. Resolve user issues concerning Version 2.5:
  - Auto-save functionality
  - UPOV TQ options for disease resistance characteristics
2. Update of participating PBR authority information
3. Improve user-friendliness of UPOV PRISMA
4. Expand the coverage of UPOV PRISMA

UPOV

**UPOV PRISMA 2021**  
**3. Improve user-friendliness of UPOV PRISMA**



Workshop with an external facilitator :

- Identify ways to improve user-friendliness of some identified functionalities : copy, assignment of roles
- Participation in those workshops would be discussed with CIOPORA and ISF Task Force groups

UPOV

### UPOV PRISMA 2021

#### 3. Improve user-friendliness of UPOV PRISMA Bulk Upload

- Proof of Concept in version 2.5 for only Corteva
  - For a specific use case: Maize , CPVO (see EAF /16 Report)
- Involvement of CPVO, UPOV and Corteva
- next steps to be discussed with CPVO and users

UPOV

#### New Bulk Upload Settings

Fill in the new application for a new species or crop, or search for existing species or crop

##### 1. Select Crop/Species

☐ Crop/species with previous applications

☐ Search all crop/species

Maize

Zea mays L.

Com.Maize

##### 2. Select Authority

EUROPEAN UNION

Submitter's Own Reference

##### 3. Select Language for answers

Application Form

English

Technical Questionnaire

English

##### 4. Bulk upload

Max number of applicants, breeders, other applications, etc.

Upload a zip file : Filled Excel file + declared attachments

Delete irrelevant applications

Save as a draft in order to edit using UPOV PRISMA

#### 5. Review

International Reference Number	Application data	Identified On	Crop	Proposed Variety Designation	Applicant's reference or Submitter's own ID	Authority	Breeder Name
<input type="checkbox"/>	PMR	23050001	Zea mays L.	4_78373	4_78373	EUROPEAN UNION	
<input type="checkbox"/>	PMR	23050001	Zea mays L.	1_78373	1_78373	EUROPEAN UNION	
<input type="checkbox"/>	PMR	23050001	Zea mays L.	8_78373	8_78373	EUROPEAN UNION	
<input type="checkbox"/>	PMR	23050001	Zea mays L.	94_78373	94_78373	EUROPEAN UNION	
<input type="checkbox"/>	PMR	23050001	Zea mays L.	54_78373	54_78373	EUROPEAN UNION	
<input type="checkbox"/>	PMR	23050001	Zea mays L.	84_78373	84_78373	EUROPEAN UNION	

Select all

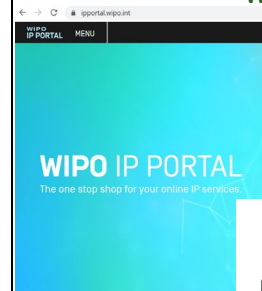
Unselect all

Submit the selected applications

UPOV

### UPOV PRISMA 2021

#### 3. Improve user-friendliness of UPOV PRISMA WIPO IP Portal



UPOV



### UPOV PRISMA 2021

#### 3. Improve user-friendliness of UPOV PRISMA WIPO IP Portal - Menu



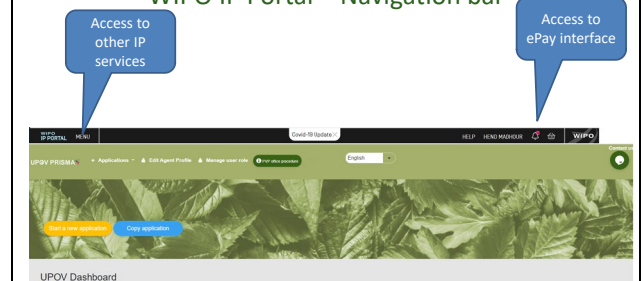
Add a category for PVP

A link to UPOV PRISMA

UPOV

### UPOV PRISMA 2021

#### 3. Improve user-friendliness of UPOV PRISMA WIPO IP Portal – Navigation bar



Access to other IP services

Access to ePay interface

UPOV



## UPOV PRISMA 2021 Preview



1. Resolve user issues concerning Version 2.5:
  - Auto-save functionality
  - UPOV TQ options for disease resistance characteristics
2. Update of participating PBR authority information
3. Improve user-friendliness of UPOV PRISMA
4. Expand the coverage of UPOV PRISMA

UPOV

## UPOV PRISMA 2021 4. Expanding the Coverage



- No new additional participating PBR authorities
  - Discussions have been initiated with Brazil
- Crops /Species

Authority	Anticipated new crop coverage
Morocco	Blackberry, blueberry, raspberry, strawberry

UPOV

## Tentative Timetable UPOV PRISMA Version 2.6



- Launch UPOV PRISMA Version 2.6:
  - **September 2021**
- Scope:
  - Stabilize the system : fix pending issues
  - Integration into WIPO IP Portal
  - Expand the crop coverage for Morocco (subject to PVP Office validation)

UPOV

39

*39. Participating members in the development of the electronic application form are invited to consider the planned work for 2021 on UPOV PRISMA, as set out in paragraphs 25 to 38.*



UPOV

40

## PREVIEW

- UPOV PRISMA Version 2.5
- Use of UPOV PRISMA
- Feedback from Users
- Planned Work for 2021
- Future developments (after 2021)

UPOV

41


## Future developments (After Version 2.6)



- Coverage:
  - National listing for other PBR authorities
  - Machine to machine communication with other national online systems
  - New authorities
- User-friendliness of the tool
  - Addition of non UPOV TQ characteristics in TQ7
  - Crop-specific TQs beyond Test Guidelines
  - Improvement of some functionalities : copy, role management (according to the outcome of the workshops)
- New functionalities
  - Machine translation
  - DUS Arrangement Tool (DART)

42

42. 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 40 to 41.



UPOV

**Next EAF/18 Meeting :**  
➤ **to be decided**

**DATES OF MEETINGS IN 2021**

OCTOBER	Sunday, 24 and Monday, 25 (evening)	<a href="#">Enlarged Editorial Committee</a>
	Monday, 25 and Tuesday, 26	<a href="#">Technical Committee</a>
	Wednesday, 27	<a href="#">Administrative and Legal Committee</a>
	Thursday, 28	<a href="#">Consultative Committee</a>
	Friday, 29	<a href="#">Council</a>

UPOV

44

**UPOV PRISMA**

**CONTACT US!**

[prisma@upov.int](mailto:prisma@upov.int)

**Linked in**

**twitter**

**#upovprisma**

UPOV




[End of Annex II and of document/  
Fin de l'annexe II et du document/  
Fin del Anexo II y del documento]