

Meeting on the Development of an electronic application form

UPOV/EAF/10/3

**Tenth Meeting
Geneva, October 27, 2017****Original:** English
Date: April 19, 2018

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 tenth meeting on the development of an electronic form (EAF/10 meeting) was opened and chaired by Mr. Peter Button, Vice Secretary-General of UPOV, who welcomed the participants in Geneva and those who participated in the meeting by means of electronic conference.
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/10/1 Rev.

DEVELOPMENTS CONCERNING THE ELECTRONIC APPLICATION FORM PROJECT

4. The meeting considered document UPOV/EAF/10/2 “Developments concerning the Electronic Application Form” and received a presentation by the Office of the Union on the latest developments in relation to the electronic form, a copy of which is reproduced in Annex II to this document.

Name

5. The participants noted that the Council at its fifty-first ordinary session held in Geneva on October 26, 2017 agreed with the new name for the EAF tool as “UPOV PRISMA” (Plant variety data Routing Information System using Multilingual Application forms) and the following logo:

**Versions of the EAF**

6. The participants noted that the current version of the EAF was Version 1.1. It was reported that the next version (Version 2.0) of UPOV PRISMA (EAF) was planned to be released beginning of 2018.

Version 1.1

Participating UPOV members

7. The participants noted that the following participating PVP Offices and crops were supported in EAF Version 1.1:

Authority	Soya Bean	Lettuce	Apple fruit varieties	Rose	Potato	Total
Argentina	✓	-	✓	✓	✓	4
Australia	✓	✓	✓	✓	✓	5
Chile	✓	✓	✓	✓	✓	5
China	-	✓	-	✓	-	2
Colombia	-	-	-	✓	-	1
France	✓	✓	✓	✓	✓	5
Kenya	✓	✓	✓	✓	✓	5
Netherlands	✓	✓	✓	✓	✓	5
New Zealand	-	✓	✓	✓	✓	4
Norway	✓	✓	✓	✓	✓	5
Republic of Moldova	✓	✓	✓	✓	✓	5
Switzerland	✓	✓	✓	✓	✓	5
Tunisia	✓	✓	✓	✓	✓	5
Turkey	✓	✓	✓	✓	✓	5
United States of America	✓	✓	-	-	✓	3
Uruguay	✓	-	✓	-	✓	3
16	13	13	13	14	14	

Languages

8. The participants noted that all webpages and items (questions) for all application forms and technical questionnaires for all participating PVP Offices were available in English, Chinese, French, German and Spanish (“navigation languages”).

9. The participants noted that EAF Version 1.1 generated application forms and technical questionnaires in the languages required by the participating PVP Offices (“output form languages”). In Version 1.1, the output form languages were English, French, German, Spanish, Chinese, Norwegian, Romanian and Turkish.

10. The participants noted that the information needed to be completed by the applicant in an acceptable language for the PVP Office concerned, although answers selected from drop-down lists (e.g. characteristics and states of expression) would be automatically translated for the navigation languages.

Style sheet for the application form

11. The participants noted that, where requested by PVP Offices, it would be possible to have a customized format for the application form to be received by the PVP Office (e.g. PVP Office logo) if the relevant information was provided according to a specified format.

Version 2.0

Participating UPOV members

11. The participants noted that the following UPOV members had expressed their intention to participate in Version 2.0 of UPOV PRISMA (EAF) (Circular E-17/132):

Authority		currently participating in Version 1.0 or 1.1	intention to participate in Version 2.0	Anticipated crop coverage in Version 2.0
Argentina	AR	✓	✓	Apple Fruit Varieties, Potato, Rose, Soyabean and Wheat, Barley, Maize, Grapevine
Australia	AU	✓	✓	All genera & species
Bolivia (Plurinational State of)	BO		✓	Rice, wheat
Canada	CA		✓	All genera & species excluding algae, bacteria and fungi
Chile	CL	✓	✓	All genera & species
China	CN	✓	✓	Lettuce, Rose
Colombia	CO	✓	✓	Rose, Carnation, Alstroemeria, Chrysanthemum, Gypsophila
European Union	QZ		✓	Apple Fruit Varieties, Lettuce, Potato, Rose, Soyabean
France	FR	✓	✓	All genera & species
Georgia	GE		✓	Maize, Wheat, Field Bean, French Bean, Apple (fruit varieties), Pear, Barley, Oats, Potato, Cherry (Sweet Cherry), Raspberry, Tomato, Peach, Hazelnut, Blackberry, Soya Bean, Sunflower, Walnut, Blueberry, Chick-Pea, Lentil
Japan	JP		✓	to be confirmed
Kenya	KE	✓	✓	All genera & species
Mexico	MX		✓	87 selected crops
Netherlands	NL	✓	✓	All genera & species
New Zealand	NZ	✓	✓	All genera & species
Norway	NO	✓	✓	All genera & species
Paraguay	PY		✓	Soyabean
Republic of Moldova	MD	✓	✓	Maize, Wheat, Pea, Barley, European Plum, Tomato, Grapevine, Sweet Pepper, Hot Pepper, Paprika, Chili, Sunflower, Walnut, Apple Fruit Varieties, Lettuce, Potato, Rose, Soyabean
Switzerland	CH	✓	✓	All genera & species
Tunisia	TN	✓	✓	All genera & species
Turkey	TR	✓	✓	All genera & species
United States of America	US	✓	✓	Lettuce, Potato, Soyabean and Wheat
Uruguay	UY	✓	✓	All genera & species
Total		16	23	

Crops/species

12. The participants noted that the three possible approaches for including crop/species for participating members of the Union, would be:

Approach 1: UPOV Technical Questionnaire (TQ)

The TQ in UPOV PRISMA would be identical to the TQ in the adopted UPOV Test Guidelines (TGs). For crops/species for which there is no adopted UPOV TGs, the TQ in UPOV PRISMA would be based on the structure of the TQ in document TGP/7 "Development of Test Guidelines".

Approach 2: Customized characteristics

The TQ in UPOV PRISMA would be the same for all crops (non crop-specific) except for “characteristics of the variety” (Section 5 of the UPOV TQ or equivalent) and “similar varieties and differences from these varieties” (Section 6 of the UPOV TQ or equivalent)). The characteristics in the TQ in UPOV PRISMA would be:

- (i) UPOV TG characteristics,
- (ii) Authority specific characteristics
- (iii) Free text information

Approach 3: Customized TQ

The TQ in UPOV PRISMA would contain crop-specific sections other than those specified in Approach 2.

13. The participants noted that according to the approach, the number of crop and species that could be covered for each authority in future versions of the tool would be different. For Approach 1, all crops could be easily covered. For Approaches 2 and 3 considerably more time would be needed and new crops would be added according to available resources and the degree of customization that was required.

Functionalities*Breeding Scheme*

14. The participants noted that the breeding scheme section in Version 2.0 of the tool would be available with a pre-defined list of options. Other options might be considered for development in a subsequent version.

Novelty

15. The participants noted that for novelty requirements, each participating authority should indicate, if appropriate, which one(s) of the supported crops were considered by that authority to be vines or trees in terms of novelty. The participants noted that, by default, 4 years would be used in the system.

Scope of plants

16. The participants noted that for the definition of what was considered to be a “plant” (e.g. in relation to fungi, algae, bacteria), the tool would reflect the information in GENIE database on the basis of the information provided by the relevant UPOV member in document C/51/6.

Financing

17. The participants noted that a proposal for the financing of the EAF had been made to the Consultative Committee at its ninety-fourth session, held in Geneva, on October 25, 2017 and, agreed by the Council at its fifty-first ordinary session, held in Geneva on October 26, 2017 (see document “Report” C/51/22). It noted, in particular, that the UPOV Council had agreed that the EAF could be made free of charge for an introductory period.

Communication

18. In relation to communication, the participants noted that:

(a) at the launch of the EAF, on January 9, 2017, a webpage had been created for the EAF, available at: <http://www.upov.int/upoveaf>, containing all necessary information to access and use the EAF;

(b) at the launch of the EAF, the Office of the Union had informed breeders’ organizations and PVP Offices on the availability of the system (see Circulars E-17/007, E-17/008 and E-17/009), also inviting them to inform all their relevant stakeholders;

(c) the following communication materials had been developed and transmitted to requesting UPOV members and breeders' organizations (still available on demand):

- posters and roll-up banners in English, Spanish and Chinese,
- flyers in English, French, Spanish and Chinese,
- a series of tutorials (in English), also posted on the UPOV website, with subtitles in French, Spanish, Arabic, Chinese, Japanese and Korean;

(d) 5 meetings (including online sessions & webinars) had been organized for individual applicants or groups of applicants upon request;

(e) presentations had been made at the following meetings: ISF congress, EAPVP Forum, ESA congress, AOHE Annual meeting and SAA congress;

(f) a LinkedIn page had been created (<https://www.linkedin.com/showcase/24973258/>);

(g) the Office of the Union had invited PVP Offices to disseminate the information on the availability of the EAF tool to potential users (e.g. breeders, representatives, agents, etc.) and to add a link to the EAF on their own websites (see Circular E-17/138);

(h) briefing sessions in English, French and Spanish had been organized at the fringes of the UPOV sessions held in Geneva in October 2017 (see Circular E-17/139).

19. In relation to communication plan for 2018, the participants agreed that the following elements should be developed:

- targeted communication to potential users of the UPOV EAF (e.g. agents, representatives, breeding companies, breeders' associations);
- training sessions (in situ and online);
- participation in international breeders' events (ISF, AOHE, CIOPORA, ASTA...);
- updated communication materials (posters, flyers, tutorials) with the new name and logo and the new coverage of crops and countries;
- press articles;
- update of the UPOV EAF PBR webpage with new testimonials from breeders and PVP Offices;
- inclusion of information in existing UPOV and UPOV members' training programs.

DATE OF NEXT MEETING

20. The next meeting of the EAF (EAF/11 meeting) was agreed to be held in Geneva on the morning of March 28, 2018.

21. *This report was adopted by correspondence.*

[Annexes follow]

LISTE DES PARTICIPANTS / LIST OF PARTICIPANTS / LISTA DE PARTICIPANTES

(dans l'ordre alphabétique des noms français des membres /
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por orden alfabético de los nombres en francés de los miembros)

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

Meeting on the development of an Electronic Application Form

Document EAF/10/2
“Developments concerning the
electronic application form”

Geneva
October 27, 2017



International Union for the Protection of New Varieties of Plants

PREVIEW

- Background
- EAF Version 1.1 - Status
- Future developments
 - Version 2.0 (January 2018)
 - Version 2.1 (Mid 2018)
- Financing of the EAF
- Communication
- Next steps

New Name for the EAF

PRISMA

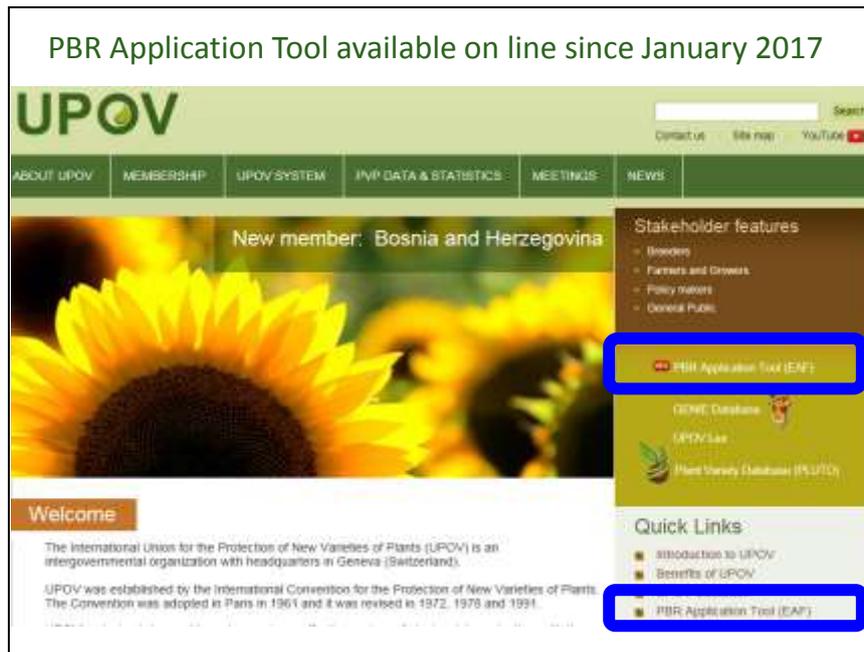
PBR Application Tool



UPOV - PBR Application Tool: **PRISMA** **Key benefits**

- **Online PBR application tool** to provide application data to participating PVP Offices in required format (hard copy, e-mail notification, system-to-system)
- Application forms can be displayed in **range of languages** (answers must be provided in an acceptable language for the PVP Office- some information in the TQ will be automatically translated in all navigation languages)
- Variety data can be **re-used** in subsequent applications
- Different **user roles** can be specified (e.g. drafter, signatory, translator, agent, procedural representative)
- **Controlled access** to all PBR application data
- **Secure** and confidential
- **Easy access** to PVP application forms
- **Track** your applications...

PBR Application Tool available on line since January 2017



The screenshot shows the UPOV website homepage. At the top, there is a navigation menu with links for ABOUT UPOV, MEMBERSHIP, UPOV SYSTEM, IVP DATA & STATISTICS, MEETINGS, and NEWS. Below the menu is a banner for a new member, Bosnia and Herzegovina, featuring a sunflower image. To the right of the banner is a 'Stakeholder features' section with links for Breeders, Farmers and Growers, Policy makers, and General Public. Below this is a 'Quick Links' section with links for Introduction to UPOV, Benefits of UPOV, and PBR Application Tool (EAF). The PBR Application Tool (EAF) link is highlighted with a blue box in both the 'Stakeholder features' and 'Quick Links' sections.

UPOV

Search

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ABOUT UPOV | MEMBERSHIP | UPOV SYSTEM | IVP DATA & STATISTICS | MEETINGS | NEWS

New member: Bosnia and Herzegovina

Stakeholder features

- Breeders
- Farmers and Growers
- Policy makers
- General Public

PBR Application Tool (EAF)

GDHC Database

UPOV Law

Plant Variety Database (PVP)

Welcome

The International Union for the Protection of New Varieties of Plants (UPOV) is an intergovernmental organization with headquarters in Geneva (Switzerland).

UPOV was established by the International Convention for the Protection of New Varieties of Plants. The Convention was adopted in Paris in 1961 and it was revised in 1972, 1978 and 1991.

Quick Links

- Introduction to UPOV
- Benefits of UPOV
- PBR Application Tool (EAF)

PREVIEW

- Background
- EAF Version 1.1 - Status
- Future developments
 - Version 2.0 (January 2018)
 - Version 2.1 (Mid 2018)
- Financing of the EAF
- Communication
- Next steps

Developments since EAF/9

– Launch of EAF Version 1.1

➤ July 2017

UPOV

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UPOV members (16) and crops (5) currently covered by PBR Application Tool (EAF)

AUTHORITY	APPLE FRUIT VARIETIES	LETTUCE	POTATO	ROSE	SOYABEAN
Argentina	√		√	√	√
Australia	√	√	√	√	√
Chile	√	√	√	√	√
China		√		√	
Colombia				√	
France	√	√	√	√	√
Kenya	√	√	√	√	√
Netherlands	√	√	√	√	√
New Zealand	√	√	√	√	√
Norway	√	√	√	√	√
Republic of Moldova	√	√	√	√	√
Switzerland	√	√	√	√	√
Tunisia	√	√	√	√	√
Turkey	√	√	√	√	√
United States of America		√	√		√
Uruguay	√		√		√

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Coverage of the EAF: July 2017



Navigation languages

The screenshot displays the UPOV Electronic Application Form (EAF) interface. At the top, the UPOV logo and the text "Electronic Application Form" are visible. Below this, there are navigation buttons: "Start a new application", "Copy application", "User Role Management", and "Edit User profile". The main content area is titled "Your Applications" and contains a table with the following columns: "Information #", "Created Reference", "Modified On", "Date of Submission", "Proposed Variety Designation", "Breeder's Variety Reference", and "Submitter's Variety Reference". The table lists two application entries. To the right of the table, there is a language selection dropdown menu with the following options: English, Français, Deutsch, Español, and 中文. The UPOV logo is also present in the bottom left corner of the interface.

Information #	Created Reference	Modified On	Date of Submission	Proposed Variety Designation	Breeder's Variety Reference	Submitter's Variety Reference
AL_00017 1000000	20160211	14000017	NA	New		
AL_00017 1000000	20160211	20160217	NA	New		

Output form languages

Turkish

Uygulama Formu
SAGDURLU SAHABE

Bayroni Sahabinin Adı (1000)
Bayroni Sahabinin Adresi (1000)
Ülke
Telefon (1000)
Faks (1000)
e-Posta (1000)
e-Posta (1000)

UPOV

Romanian

Seknad (XU_30201600001742)

Registratura A/E/E/P/I	Registrul National de Cereri de Invenții
Titlu	patent pentru invenții de invenții
Număr	U22/Număr de cerere
Data	U22/Data de depunere

Seknadskjema

Namn (1000)	Familj Namn (1000)
Adress (1000)	Stadsdel eller tätort (1000)
Postnummer (1000)	Postort (1000)
Land (1000)	Land (1000)
E-post (1000)	E-post (1000)
Telefon (1000)	Telefon (1000)
Fax (1000)	Fax (1000)

Norwegian

Teksten i grønt bak hvert spørsmål angir korrespondierende standard UPOV referanse slik den er definert i TDP's Section 2: UPOV Model Form for the Application for Plant Breeder's Rights

Seknadskjema

Namn (1000)	Familj Namn (1000)
Adress (1000)	Stadsdel eller tätort (1000)
Postnummer (1000)	Postort (1000)
Land (1000)	Land (1000)
E-post (1000)	E-post (1000)
Telefon (1000)	Telefon (1000)
Fax (1000)	Fax (1000)

Status on the use of the EAF as of October 20, 2017

- 10 entities registered in the EAF
- 8 applications submitted:
 - by 3 entities
 - for lettuce, apple and potato
 - in Australia, Netherlands, New Zealand and Switzerland

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UPOV

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Next developments

PBR Tool- PRISMA Version 2.0 (January 2018)

- Expansion
 - **members**
 - **Languages**
 - Navigation languages
 - Output form languages
 - **crops/species**
- New functionalities
 - **Automatic translation of UPOV characteristics and states of expression (for UPOV Test Guidelines crops/species)**
 - **Translation alert**
 - **Integration with CPVO system (machine-to-machine)**
 - **Addition of PVP office disclaimer (if requested)**
 - **Addition of logo for PVP Office (if requested)**



UPOV

Anticipated new participating authorities in test campaigns for V 2.0

- Bolivia (Plurinational State of)
- Canada
- European Union
- Georgia
- (Japan) : Japanese as navigation language
- Mexico
- Paraguay

UPOV

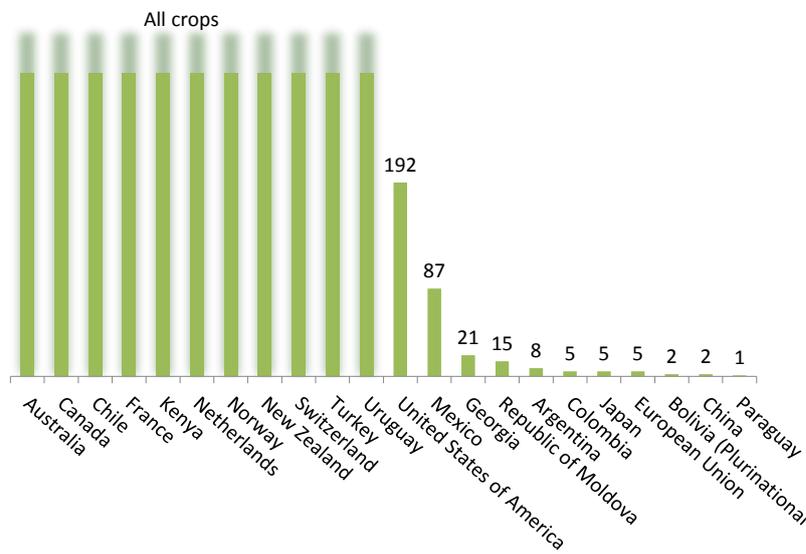
Coverage of the EAF: July 2017



Anticipated coverage of the PRISMA (EAF): January 2018



Anticipated Coverage of crops/ species in PRISMA_EAF Version 2.0



New languages

- Navigation language
 - Japanese
- Output form language
 - Georgian

UPOV

PRISMA (EAF) Coverage All crops/species

- Search by:
 - Botanical name
 - UPOV Code
 - Common name (in 5 languages)

UPOV

The screenshot shows the 'New Application Setting' form in the UPOV EAS. The form includes a search bar at the top right with a 'Search' button and a 'Close' button. Below the search bar, there are several input fields and dropdown menus. The 'Search by' field is currently empty. The 'System Authority' dropdown is set to 'UPOV/EAF/10/3'. The 'Country's Classification' field is empty. The 'Country Code (ISO 3166)' dropdown is set to 'FR'. The 'Plant Kingdom (ICBN)' dropdown is set to 'P'. The 'Application Type' dropdown is set to 'Varietal'. The 'Technical Questionnaire' dropdown is set to 'Standard'. At the bottom of the form, there are 'Save' and 'Cancel' buttons. The UPOV logo is visible in the bottom left corner of the page.

PRISMA (EAF) Coverage All crops/species

- Crops/Species with UPOV Test Guidelines
 - Breeding scheme
 - Crop independent structure in Version 2.0
 - Crop dependent structure in Version 2.1 if necessary
 - Variety characteristics
 - Variety comparison

Breeding Scheme

In Version 2.0 the breeding scheme will be generic, containing all options
(Crop independent structure)

Information on the breeding scheme and propagation of the variety

Variety resulting from crossing 4.1

Controlled cross 4.1.1 (a)

(please state parent varieties) *

*

Partially known cross 4.1.1 (b)

Unknown cross 4.1.1 (c)

Variety resulting from mutation 4.1.2

Variety resulting from discovery and development 4.1.3

Variety resulting from other 4.1.4

UPOV

Breeding Scheme

Method of propagating the variety

Seed propagated varieties

Self-pollination 4.2

Cross-pollination 4.2

Population 4.2

Systemic variety 4.2

Hybrid 4.2

Apomictic variety 4.2

Non-apomictic variety 4.2

Other 4.2

Vegetatively propagated varieties 4.2

Other 4.2

UPOV

Breeding Scheme

Method of propagating the variety

Seed-propagated varieties

Vegetatively-propagated varieties *

tuber *

grafting *

*

cuttings *

in vitro propagation *

by microtissue *

other *

Other [] *

UPOV

Variety characteristics

- Retrieve TQ characteristics and states of expression from TG Template database
- All TQ characteristics and corresponding states of expression are translated automatically into the supported languages (navigation and output form languages).

UPOV

Variety characteristics

Characteristics of the variety to be indicated

(the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds)

(4) Lightness: proportion of blue in anthocyanin coloration of base 1:

- 1_ absent or low
- 2_ medium
- 3_ high

(20) Plant frequency of flowers 5.2:

- 1_ absent or very low
- 2_ very low to low
- 3_ low
- 4_ low to medium
- 5_ medium
- 6_ medium to high
- 7_ high
- 8_ high to very high
- 9_ very high

Variety comparison

- EAF allows users to select characteristics and states of expression from a list of adopted characteristics and corresponding states of expression as defined in chapter 8.
- All characteristics and corresponding states of expression are translated automatically into the supported languages (navigation and output form languages).

Variety comparison

Similar varieties and differences from these varieties

Please use the table, and space provided for comments, below to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way.

Demonstration(s) of variety(ies) similar to your candidate variety (s)	Characteristics in which your candidate variety differs from the similar variety(ies)
	<ul style="list-style-type: none"> UPOV 01: Lightproof: size UPOV 02: Lightproof: shape UPOV 03: Lightproof: intensity of anthocyanin coloration of base UPOV 04: Lightproof: proportion of blue in anthocyanin coloration of base UPOV 05: Lightproof: pubescence of base UPOV 06: Lightproof: size of lip in relation to base UPOV 07: Lightproof: shape of lip UPOV 08: Lightproof: anthocyanin coloration of lip UPOV 09: Lightproof: pubescence of lip UPOV 10: Lightproof: number of root tips UPOV 11: Lightproof: length of lateral shoots UPOV 12: Plant: foliage structure UPOV 13: Plant: growth habit UPOV 14: Stem: anthocyanin coloration

Comments:

PRISMA (EAF) Coverage All crops/species

- Crops/species without UPOV Test Guidelines
 - Generic breeding scheme
 - Free text characteristics

Similar varieties and differences from these varieties

Please use the following table and box for comments to provide information on how your candidate variety differs from the variety (or varieties) which, to the best of your knowledge, is (or are) most similar. This information may help the examination authority to conduct its examination of distinctness in a more efficient way.

Demonstration(s) of variety(ies) similar to your candidate variety (s)	Characteristics in which your candidate variety differs from the similar variety(ies)	Describe the expression of the characteristic(s) for the similar variety(ies)	Describe the expression of the characteristic(s) for your candidate variety

Comments:

Translation Alert



- This functionality allows to:

- Highlight which section should be translated.
- Follow up translation process
 - Check/Uncheck translation per chapter

The screenshot shows a web-based application form with a green header and a list of sections. A red alert icon is overlaid on the 'Additional Information' section. The sections listed are: APPLICANTS, BREEDING SCHEME, VARIETY CHARACTERISTICS, VARIETY COMPOSITION, PLANT MATERIAL INFORMATION, and DECLARATION AND SIGNATURE. The 'Additional Information' section is highlighted in red, and a tooltip is visible over it with the text 'Check translation' and 'Uncheck translation'. At the bottom of the form, there are buttons for 'Export', 'Save', 'Submit', and 'Cancel'.

UPOV

System to System communication

Reasons

- Your PVP office has already an online system
- Need to process automatically received applications
- Breeder's need to import data from your system to PRISMA (EAF).

UPOV

PRISMA Web services

Export Web service

- From PRISMA (EAF) to PVP office system
- Authorization
 - PVP office admin
 - PVP officer
- Available at:
 - <https://webaccess.wipo.int/EAFWebService/ExportWS>

UPOV

Input Message

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  <soapenv:Header>
  <soapenv:Body>
    <ws:exportPVPApplications>
      <!--Optional-->
      <arg0>
        <!--Optional-->
        <authority>QZ</authority>
        <!--Optional-->
        <docType>XML</docType>
      </arg0>
    </ws:exportPVPApplications>
  </soapenv:Body>
</soapenv:Envelope>
```

XML, PDF or both

UPOV

PRISMA Web services Import Web Service

- Called by PVP offices
- Authorization:
 - PVP office
 - PVP office Admin
- Available at:
 - <https://webaccess.wipo.int/EAFWebService/ImportWS>

UPOV

Input message

```
<?xml version='1.0' encoding='UTF-8'>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:importPVPApplication>
      <!--Optional-->
      <arg0>
        <!--Optional-->
        <importZipFile>cid:CI_Glyc_test.zip</importZipFile>
        <!--Optional-->
        <languageAnswerAF>es</languageAnswerAF>
        <!--Optional-->
        <languageAnswerTQ>es</languageAnswerTQ>
        <!--Optional-->
        <wipoAccount>MADHOUR</wipoAccount>
        <zipFileName>CI_Glyc_test.zip</zipFileName>
      </arg0>
    </ws:importPVPApplication>
  </soapenv:Body>
</soapenv:Envelope>
```

Binary
attachement

Breeder account:
Application data owner

UPOV

Some considerations

- Breeder reference should not be used twice for the same authority
 - A same variety for the same authority could not be imported twice
- An International Reference Number (IRN) is assigned to the application data if the data is successfully transferred.
- Application data should be valid against the office-specific schema profile
- Attachments should be declared correctly.

Output message

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:importPVPApplicationResponse xmlns:ns2="http://ws.service.eas.upov"
    <return>
      <status>
        <statusCode>0</statusCode>
        <statusMessage>Success- Data received and processed.</statusMe
      </status>
    </return>
  </ns2:importPVPApplicationResponse>
</soap:Body>
</soap:Envelope>
```

Imported application data

- It can be copied and reused to draft applications for the same variety in other authorities.

UPOV

Integration with CPVO system

From CPVO to EAF

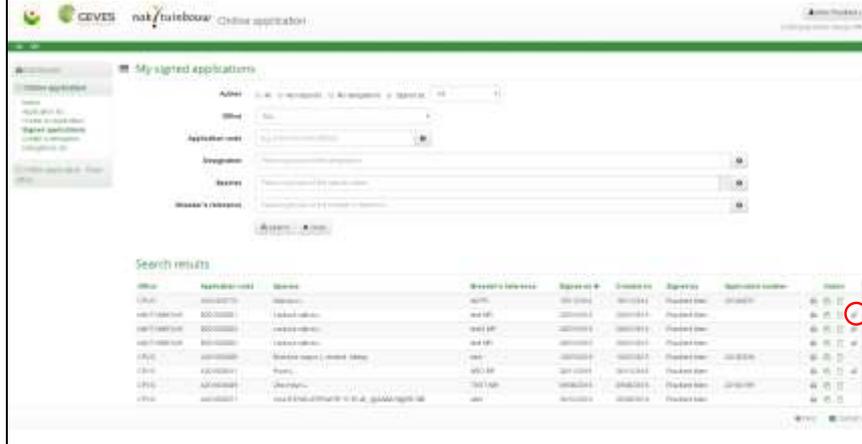
- The data will be available for copy and reuse in other applications using the EAF.
- An International Reference Number (IRN) is assigned to the imported data and can be used to submit other applications for the same variety.

UPOV

Integration with CPVO system

From CPVO to EAF

- The authorized EAF user (linked with CPVO user) can choose to import data submitted to the CPVO system into EAF system.



The screenshot displays the EAF system interface. At the top, there are logos for CEVES and nak/naisbow. The main area is titled 'My signed applications' and contains a search form with fields for 'Address', 'Application code', 'Organization', and 'Status'. Below the form is a 'Search results' table with columns: 'ID', 'Application code', 'Status', 'Organization', 'Signatory', 'Application number', and 'Date'. A red circle highlights the 'Date' column header in the table.

ID	Application code	Status	Organization	Signatory	Application number	Date
CPVO	00000001	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000002	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000003	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000004	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000005	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000006	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000007	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000008	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000009	CPVO	CPVO	CPVO	CPVO	CPVO
CPVO	00000010	CPVO	CPVO	CPVO	CPVO	CPVO

User Authorization

- Only users authorized by the PVP office can submit application data
 - Authorized signatory, representative, agent
- Synchronize user accounts at EAF level and PVP office level

Integration with CPVO system

From EAF to CPVO

- The breeder needs to link their WIPO account with their CPVO account
- Only authorized clients of the CPVO system can submit application data to CPVO using EAF.
- The link is established at «Edit Profile» page

NOTE: It will not be possible to select CPVO as authority if the link is not established by the breeder.

Other new functionalities

- Add PVP Office disclaimer
 - France
 - United States of America
 - Georgia
- Add logo
 - Chile
 - France
 - (Argentina)

UPOV

Request for information Novelty requirements per crop



- All participating authorities should indicate, if appropriate, which one(s) of the supported crops are considered as vine or tree in terms of novelty.
– 4/6 years



UPOV

- Circular to be sent to all participating members in V1.1 and V2.0
- Deadline: End of November 2017

Request for information on Scope of «plants»



- Scope of «plants» (e.g. in relation to fungi, algae, bacteria etc) in EAF will reflect the scope in GENIE Database on the basis of the information provided in Document C/51/6



UPOV

- To note and agree



Tentative Timetable for EAF Version 2.0

Authority	From/To	Milestone Release (MR) Contents/ Functionalities
CPVO	19/10/2017 to 08/11/2017	Integration with CPVO: from CPVO to EAF • IMPORT web service
CPVO	09/11/2017 to 08/12/2017	Integration with CPVO: from EAF to CPVO • Customer validation • Form generation
JP	09/11/2017 to 08/12/2017	Add Japanese as navigation language
ALL	11/12/2017 to 22/12/2017	TEST Final Release

Launch EAF Version 2.0:

- 15/01/2018 for PVP offices
- 22/01/2018 for breeders

UPOV



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EAF Version 2.1

- New crops:
 - Avocado (TG 97)
 - Apple Ornamental (TG 163)
- New functionalities
 - information in relation procedure and/or payment to be followed in the UPOV member concerned (e.g. by legal representatives) will be added to each notification when submitting an application

UPOV

EAF Version 2.1



Circular of invitation to be sent (after EAF/10) to all UPOV members



Forms and information to be provided to the Office beginning of 2018

Details will be provided at EAF/11 (March 2018)

Estimated Launch V2.1: mid 2018

UPOV

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EAF Version 2.1

- New authorities which could be included in EAF Version 2.1 (information already provided):
 - Brazil
 - (Japan)
 - (Ecuador)
 - Republic of Korea
 - Viet Nam
 - OAPI
 - South Africa

UPOV

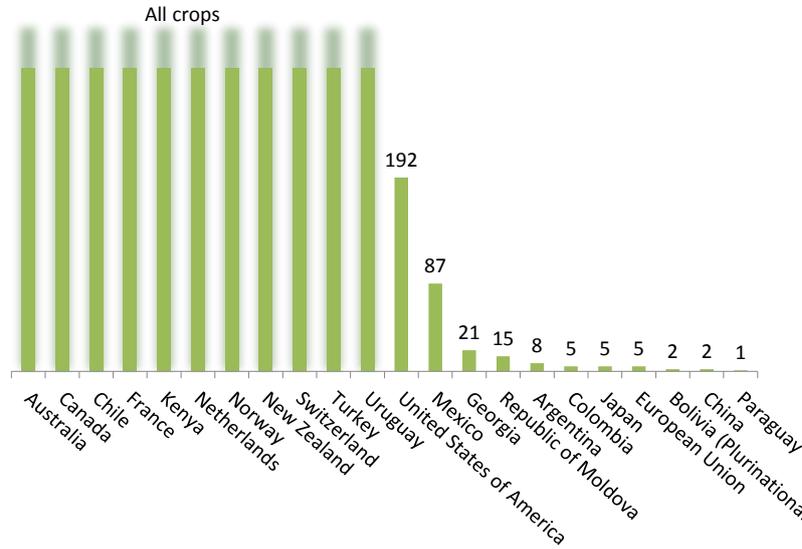
New authorities which could be included in EAF Version 2.1



Dark purple: participating authorities in PRISMA Version 2.0
 Light purple: Anticipated new participating authorities in PRISMA Version 2.1



Anticipated Coverage of crops/ species in PRISMA_EAF Version 2.0



Which approach do you follow?

- Approach 1: UPOV TG
- Approach 2: Crop independent TQ
 - Reference to UPOV TG Characteristics
 - Reference to National characteristics
 - Reference to Both
- Approach 3: Crop dependent TQ.

UPOV

Approach 1

- Easy and quick support for all crops/species
- It is possible to restrict the supported crops.
- If the output form language is different from the UPOV languages, it will be requested to provide translations of all characteristics and states of expression of the supported crops.

UPOV

Approach 2

- TG characteristics: same effort as approach 1
- [National characteristics](#)
 - For each crops, the office is requested to provide list of characteristics and states of expression in a defined format.

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Approach 3

- Customized TQ
- More ressources needed to add new crops.

UPOV

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Projection for the income from the EAF presented to the Consultative Committee in March 2016

Year	No. of crops	Number of participating Offices	Number of applications covered by EAF	Percentage of applications expected via EAF	Number of applications expected via EAF	UPOV charge (CHF)	Income (CHF)
2017	5 ✓	26 16	1827	10	183 ?	150	27'405
2018	10	30	4676	15	701	150	105'216
2019	15	35	6786	15	1018	250	254'475
2020	30	40	8841	15	1326	250	331'524
2021	40	50	10272	15	1541	250	385'193
2022	50	50	11296	15	1694	250	423'581

Coverage of the EAF: July 2017



Budget 2018-2019

Year	No. of crops	Number of participating Offices	Number of applications covered by EAF	Percentage of applications expected via EAF	Number of applications expected via EAF	UPOV Charge (CHF)	Income (CHF)
2018						Free	25,000
2019						50	65,000
2020							
2021							
2022							

When sufficient coverage?

PVP Office "subscription" model

Free

Breeder / UPOV member fund

ISF CHF 20,000

Financing of the EAF (Council Report C/51/22)

The UPOV Council

(d) approved the UPOV charge for the **EAF at CHF150 per application for the 2018-2019** biennium, but agreed that **the EAF could be made free of charge for an introductory period** if the budgeted costs of the EAF were funded by means other than the regular budget. In that regard, the Council noted that the Office of the Union had received a letter from the Secretary General of the International Seed Federation (ISF) offering to contribute CHF20,000 in order to increase the use of the EAF during the launch period and to extend the system to a larger number of crops and UPOV members. It further noted that Canada and Australia would be interested to explore the possibility of funding the EAF in the form of an annual subscription;

UPOV

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- **Communication**
- Next steps

UPOV

COMMUNICATION



UPOV

COMMUNICATION

- **What's been done so far in 2017**
- Next steps for 2018
- How you can help promote PRISMA

UPOV



What's been done so far in 2017

WEBSITE & SOCIAL MEDIA

PROMOTIONAL MATERIALS

PROMOTIONAL ACTIVITIES

TRAINING

WEBSITE & SOCIAL MEDIA

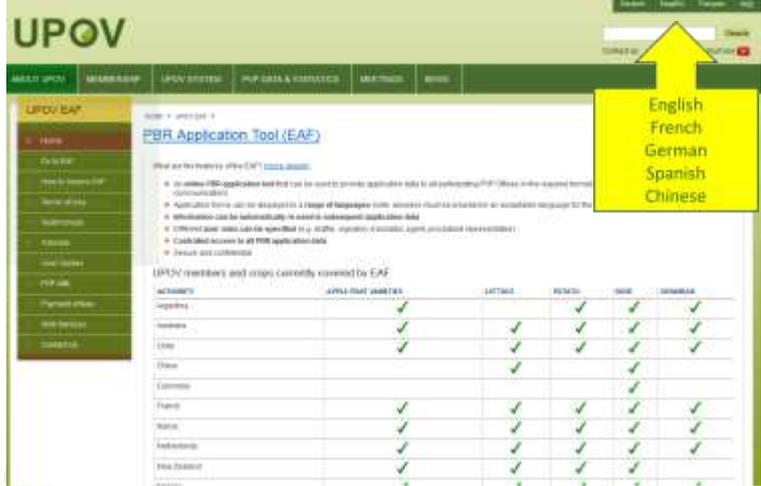
Where to find EAF



The screenshot shows the UPOV website interface. At the top, there is a navigation menu with links for 'ABOUT UPOV', 'MEMBERSHIP', 'UPOV SYSTEM', 'PARTNERS & STATISTICS', 'RESOURCES', and 'NEWS'. A search bar is located in the top right corner. The main content area features a large image of a sunflower with the text 'New member: Bosnia and Herzegovina'. Two callout boxes with red arrows point to specific elements: one points to 'FBI Application Tool (EAF)' and the other points to 'Information about FBI Application Tool (EAF)'. On the right side, there is a 'Stakeholder features' section with a list of links and a 'Quick Links' section with a list of links.

WEBSITE & SOCIAL MEDIA

EAF WEBSITE

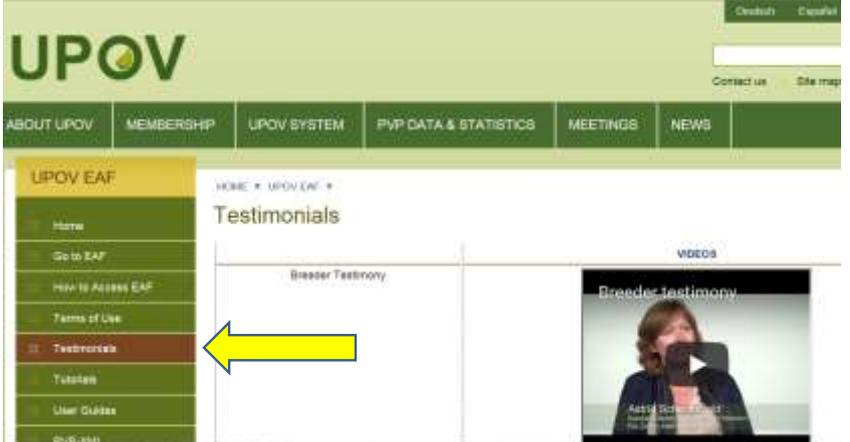


The screenshot displays the UPOV EAF website interface. The main content area features the "PBR Application Tool (EAF)" section, which includes a list of supported languages and a table of UPOV members and crops currently covered by EAF. A yellow arrow points to the language selection menu in the top right corner, which lists English, French, German, Spanish, and Chinese.

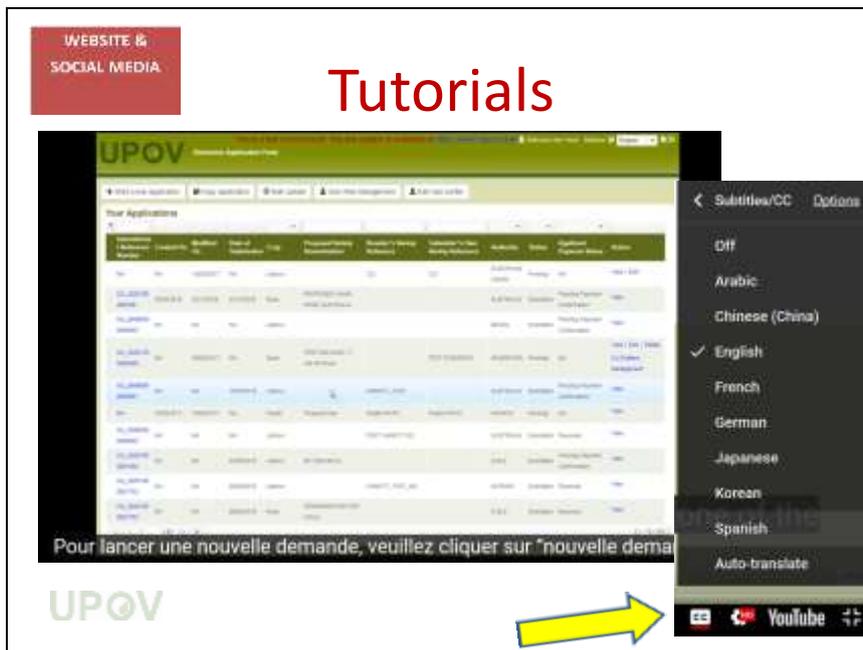
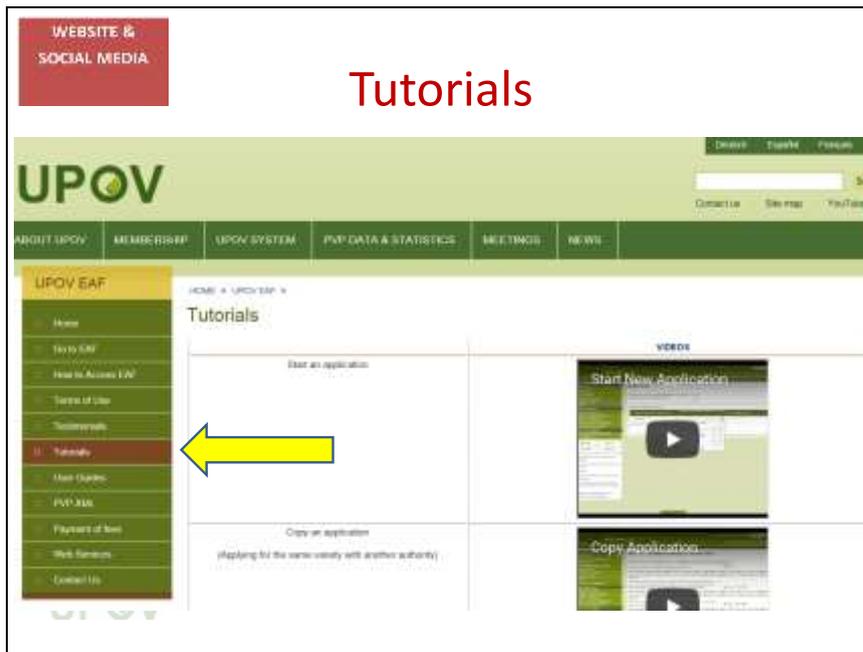
MEMBER	APPLICABLE CROPS	LETUCE	RENCOL	ORZO	GRANARZO
Argentina	✓		✓	✓	✓
Belarus	✓	✓	✓	✓	✓
China		✓		✓	
Colombia					✓
France	✓	✓	✓	✓	✓
India	✓	✓	✓	✓	✓
Indonesia	✓	✓	✓	✓	✓
Italy	✓	✓	✓	✓	✓

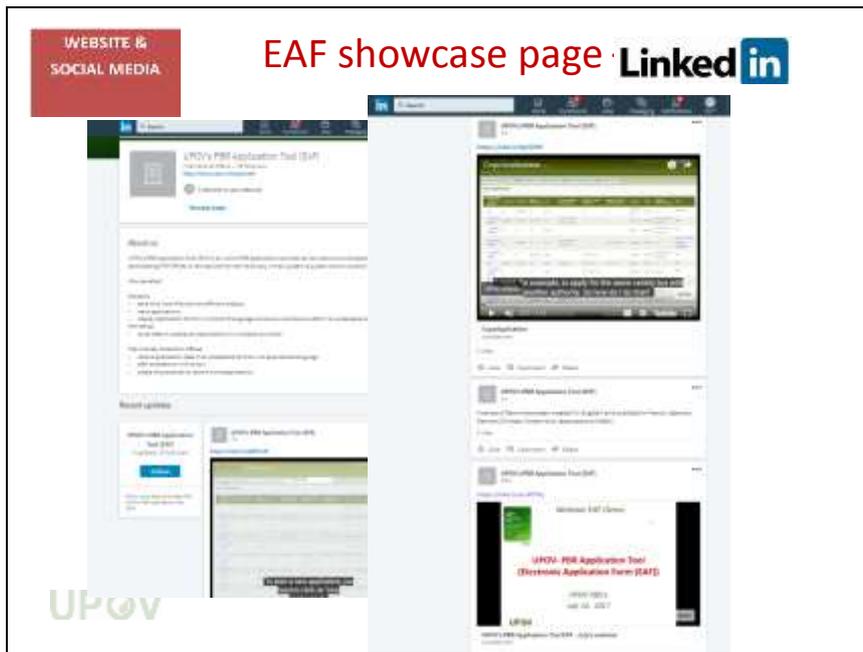
WEBSITE & SOCIAL MEDIA

Breeder Testimony



The screenshot displays the UPOV EAF website interface. The main content area features the "Testimonials" section, which includes a video player titled "Breeder testimony" showing a woman speaking. A yellow arrow points to the "Testimonials" link in the left-hand navigation menu.





PROMOTIONAL
ACTIVITIES

On-site Promotion

- ISF Congress
- CIOPORA AGM
- AOHE
- ESA
- SAA
- AFSTA
- ASTA



UPOV

TRAINING

On-site and On-line Sessions (Webinars)

- **Training sessions** (UPOV sessions)
- **Individual On-line training sessions** via webex/webinars for breeding companies (individuals, groups of applicants)

UPOV



COMMUNICATION

- What's been done so far in 2017
- **Next steps for 2018**
- How you can help promote PRISMA

UPOV

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Communication in 2018

Communication around New Name

PRISMA



The slide features a red 3D figure at a podium in the top left corner. The main title is 'Communication in 2018' in green, followed by the subtitle 'Communication around New Name'. The word 'PRISMA' is displayed in large, multi-colored letters. Below this, there are three images: a cartoon man in a blue suit holding a red megaphone, the PRISMA logo (a colorful starburst), and a screenshot of a website menu. The website menu includes sections for 'Stakeholder features' (Breeds, Farmers and Growers, Policy makers, General Public), 'Electronic Application Form (EAF)', 'IPRED Database', 'UPOV.com', 'Plant Variety Database (PVD)', and 'Quick Links' (Introduction to UPOV, Benefits of UPOV).



Communication in 2018 – what's planned...

WEBSITE / SOCIAL MEDIA Update website with PRISMA LinkedIn to announce New features (search / translate) Regular Updates crops / authorities	PROMOTIONAL MATERIALS update all with PRISMA Flyers / Posters / roll-up banners New Testimonials – PVP offices Press articles (Cultivar, WorldSeed, etc.) Communication package for potential users (agents, representatives, breeders, associations)
PROMOTIONAL ACTIVITIES PRISMA team on-site (ISF, AICHE CIDPORA, ASTA, ...) (breeders' association meetings) PVP Offices to promote PRISMA – link on website / promote tool to applicants	TRAINING On-line and in-situ sessions (individuals / groups of applicants) Develop package for PRISMA awareness raising (include in breeding academy, PVP Office training, UPOV training programs)

COMMUNICATION

- What's been done so far in 2017
- Next steps for 2018
- **How you can help promote PRISMA**

PROMOTIONAL ACTIVITIES



...to help us promote PRISMA 


PVP Offices

- add a link to your website
- Inform your applicants about PRISMA
- Follow us and share updates on **LinkedIn**
- Include the PRISMA module in your PVP Office training programs

Breeders

- Inform your colleagues or members about PRISMA
- Follow us and share updates on your social media networks

UPOV

PROMOTIONAL ACTIVITIES

FRANCE

<https://www.geves.fr/catalogue-protection/>

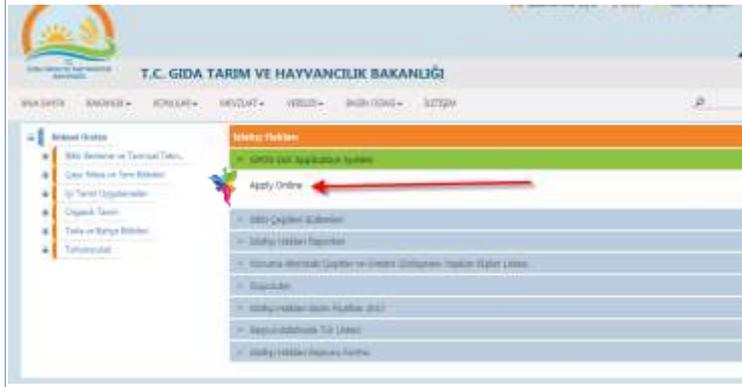
2. Le dépôt papier ou numérique

- **ou siège de l'INOV**
Tout demandeur peut déposer sa demande de protection directement au secrétariat de l'INOV aux heures d'ouverture (voir plus bas).
- **par voie postale**
Tout demandeur est invité à envoyer sa demande de protection en lettre recommandée avec accusé de réception au siège de l'INOV (voir plus bas).
- ***NEW ! Le dépôt par messagerie électronique auprès de l'INOV**
Les formulaires mentionnés ci-dessus peuvent être, une fois remplis, signés, datés et numérotés, envoyés par messagerie électronique au [secretariat de l'INOV](mailto:secretariat@inov.fr).
- **via l'UPOV**
Depuis janvier 2017, tout déposant peut procéder au dépôt de sa demande via un dépôt semi-électronique en passant par le [système de l'UPOV](https://www.geves.fr/catalogue-protection/). Ce dépôt est opérationnel pour les espèces suivantes : maïs - pois - pomme de terre - soja - lupin.

PROMOTIONAL
ACTIVITIES

TURKEY

<http://www.tarim.gov.tr/Konular/Bitkisel-Uretim/Tohumculuk/Islahci-Haklari>



PROMOTIONAL
ACTIVITIES

NETHERLANDS

<https://www.raadvoorplantenrassen.nl/nl/online-aanvragen/>

Aanvragen voor kwekersrecht in één van de UPOV landen

De UPOV heeft vanaf 16 januari ook een online module beschikbaar. Via deze module vraagt u online kwekersrecht aan in alle UPOV-landen. Aanvragen kunt u indienen in de gewassen sla, appel, sojaboon, roos en aardappel. Informatie over de UPOV-module kunt u vinden via:

 [ga naar online aanvragen](#)

Als u aanvraagt voor Nederlands kwekersrecht wordt uw aanvraag door de UPOV doorgestuurd. Uw aanvraag wordt door de Raad voor plantensoorten in behandeling genomen.

Naktuurbouw vergoedt gebruikerskosten UPOV module

Als u uw aanvraag online indient via de UPOV module worden gebruikerskosten in rekening gebracht. Voor iedere aanvraag waarvoor tevens een aanvraag voor Nederlands kwekersrecht en/of toelating wordt ingediend, vergoedt Naktuurbouw in 2017 de gebruikerskosten van € 150.

Aanvragen voor toelating in Nederland via UPOV module

Maakt u gebruik van de UPOV module en wilt u tevens voor toelating in Nederland aanvragen? De UPOV module is uitsluitend ingericht op het aanvragen van kwekersrecht. Als u naast Nederlands kwekersrecht ook toelating in Nederland wilt aanvragen vul dan dit [formulier](#) in en stuur dat s.v.p. aan plantensoorten@naktuurbouw.nl

PROMOTIONAL
ACTIVITIES

REPUBLIC OF MOLDOVA

<http://www.agepi.gov.md/ro/news/republica-moldova-particip%C4%83-%C3%AEn-proiectul-upov-privind-formularul-de-cerere-electronic>



UPOV

PREVIEW

- Background
- EAF Version 1.1 - Status
- Future developments
 - Version 2.0 (January 2018)
 - Version 2.1 (Mid 2018)
- Financing of the EAF
- Communication
- Next steps

NEXT STEPS

- Test campaign

Authority	From/To	Milestone Release (MR) Contents/ Functionalities
CPVO	19/10/2017 to 08/11/2017	Integration with CPVO: from CPVO to EAF • IMPORT web service
CPVO	09/11/2017 to 08/12/2017	Integration with CPVO: from EAF to CPVO • Customer validation • Form generation
JP	09/11/2017 to 08/12/2017	Add Japanese as navigation language
ALL	11/12/2017 to 22/12/2017	TEST Final Release



- **Next meeting EAF/11:**
 - March 28, 2018 (morning)

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FUTURE STEPS (2019 and +)

- Expansion
 - **members**
 - **crops/species**
- New functionalities
 - **Machine-to-machine communication with additional national systems**
 - **Addition of information on procedural representatives**
 - **Machine translation**

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How to join EAF?

- **Applications forms and other application information requirements for PVP Offices;**
- **Technical Questionnaire information for supported crops if different from UPOV TQ;**
- **Payment procedures;**
- **Application authorization procedures;**
- **Security requirements for data transfer and receipt;**
- **Communication protocols for those PVP Offices that wish:**
 - to receive application data from the EAF system;
 - to enable breeders to retrieve data from their PVP Offices via the EAF system.

UPOV



CONTACT US!

prisma@upov.int

LinkedIn

UPOV's PBR Application Tool

Quick and easy transmission of application data for Plant Breeders' Rights

www.upov.int

UPOV

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