

Meeting on the Development of a Prototype Electronic Form

UPOV/EAF/8/3

**Eighth Meeting
Geneva, October 24, 2016****Original:** English
Date: April 4, 2017

REPORT*adopted by the Meeting on the development of a prototype electronic form**Disclaimer: this document does not represent UPOV policies or guidance*Welcome and opening

1. The Eighth meeting on the development of a prototype electronic form (“EAF/8 meeting”) was opened and chaired by Mr. Peter Button, Vice Secretary General, 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 EAF/8/1.

Developments concerning the prototype electronic form project

4. The meeting considered document UPOV/EAF/8/2 “Developments concerning the prototype electronic form project”.
5. The participants received a presentation by the Office of the Union on the latest developments in relation to the prototype electronic form, a copy of which is reproduced in Annex II to this document.
6. The participants agreed that the prototype electronic application form Version 2 (PV2) had demonstrated the feasibility of the project. The participants agreed with the following proposals:

Validation of the prototype

- (a) Prototype Version 2 (PV2) had demonstrated the feasibility of the project;
- (b) PV2 meets the expectations of a functioning system for users to send and receive application data, and reuse submitted data;
- (c) PV2 should be used as the basis for the launch of an operational system;

*Languages**Questions*

- (d) The EAF would present all items (questions) in English, French, German and Spanish. Translations for all items (questions) in other languages would be made available if provided by the participating members of the Union, with a suitable disclaimer;

Answers

- (e) Users would be required to provide information (answers) in a language accepted by the PVP Office concerned, which would be indicated in the form;

Payment

- (f) The EAF would not affect the fees that PVP Offices receive per application;
- (g) Payment of the application fee would be made directly by the applicant to the relevant PVP Office unless otherwise agreed with the Office of the Union. However, the EAF system would allow, if requested, for application fees to be collected via the EAF and distributed to the PVP Offices in a form and currency agreed by the PVP Office concerned;
- (h) The EAF charge per application would be as follows:
 - CHF 150 / submitted application in 2017/2018
 - CHF 250 / submitted application from 2019;

Addition of new crops

- (i) To launch the EAF on January 9, 2017 with rose, soya bean, lettuce, apple fruit varieties and potato;
- (j) To present to the next EAF meeting more details about the different approaches to add more crop/species to the system:
 - Customized technical questionnaire
 - Technical questionnaire based on the UPOV Test Guidelines
 - Generic technical questionnaire;
- (k) At the EAF/9 meeting in April 2017, to establish a list of priority for addition of new crops/species;

Official variety list

- (l) To consider whether to include information for official variety list purposes in the EAF, at the next EAF meeting (EAF/9 in April 2017);

Terms of use

- (m) To finalize a detailed document explaining the “Terms of Use” with participating members and WIPO, on the following basis:
 - (i) Application data to be transferred to the selected authority after submission and without waiting for the payment confirmation of the EAF charge and the application fee (if appropriate),
 - (ii) If the payment using bank transfer is not received within 45 days after the submission of the application, a reminder to be sent by the UPOV/WIPO Finance Department.
 - (iii) Charges for payment of application fees by credit card to be considered with PVP Offices on a bilateral basis (if payment of PVP Office fee via UPOV),
 - (iv) Individual Authority Fees to be redistributed to PVP offices, based on the requested payments (if payment of PVP Office fee via UPOV),
 - (v) Payment transfers might have a delay according to the payment method chosen (credit card or bank transfer).

Future actions and program

Participation in the launch of EAF

7. The participants noted that each authority participating in PV2 (Argentina, Australia, Bolivia (Plurinational State of), Brazil, Chile, Canada, Colombia, Czech Republic, European Union, France, Georgia, Japan, Kenya, Mexico, Netherlands, New Zealand, Norway, OAPI, Republic of Korea, South Africa, Switzerland, Tunisia, United States of America, Uruguay and Viet Nam), would inform the Office of the Union if it wished to participate in the launch of the EAF, by November 11, 2016, and should provide the necessary information, including:

- Crops to be supported in EAF (from the 5 crops deployed in PV2)
- Accepted currencies

- Payment method (direct or via UPOV)
- To provide bank account information (if appropriate)
- Any other missing information requested (see Wiki)
- To test the system during the Pre-Launch Test (November-December 2016).

8. The participants also noted that user guides for breeders and PVP Offices would be made available online in English, French, Spanish, German and other relevant languages. The Office of the Union would develop, for PVP Offices and users, in consultation with participating members:

- a program of training (including Online sessions & Webinars)
- a program of users' support and routine maintenance provisions
- a program of publicity of the availability of the system.

9. The participants noted that there were some concerns about the proposed name OLAF (On Line Application Form) and agreed that a suitable name should be considered further at the EAF/9 meeting.

10. The participants agreed to propose, subject to approval by the Consultative Committee, for the Council at its fiftieth ordinary session, to be held in Geneva on October 28, 2016, to approve the launch of the EAF on January 9, 2017.

Date of next meeting

11. The next meeting of the EAF (EAF/9) was agreed to be held in Geneva on Wednesday April 5, 2017.

12. The Council at its fiftieth ordinary session in Geneva on October 28, 2016, approved the calendar of meetings in 2017, with a change of date for the Meeting on the Development of a Prototype Electronic Form (EAF/9) to the afternoon of April 7, 2017.

13. *This report was adopted by correspondence.*

[Annexes follow]

ANNEX I

LIST OF PARTICIPANTS

I. MEMBERS

AFRICAN INTELLECTUAL PROPERTY ORGANIZATION (OAPI)

Juliette AYITE DOUMATEY (Madame), Directeur Général Adjoint, Organisation africaine de la propriété intellectuelle (OAPI), Yaoundé, Cameroon
(e-mail: ayijuliette@gmail.com)

Dosso MÉMASSI, Directeur, Département de la protection de la propriété industrielle, Organisation africaine de la propriété intellectuelle (OAPI), Yaoundé, Cameroon
(e-mail: dossomemassi59@gmail.com)

ARGENTINA

Raimundo LAVIGNOLLE, Presidente del Directorio, Secretaría de Agricultura, Ganadería y Pesca, Ministerio de Economía, Buenos Aires
(e-mail: rlavignolle@inase.gov.ar)

Carmen Amelia M. GIANNI (Sra.), Coordinadora de Propiedad Intelectual / Recursos Fitogenéticos, Secretaría de Industria y Comercio Exterior, Ministerio de Economía, Buenos Aires
(e-mail: cgianni@inase.gov.ar)

AUSTRALIA

Nik HULSE, Chief of Plant Breeders' Rights, Plant Breeder's Rights Office, IP Australia, Woden ACT
(e-mail: nik.hulse@ipaaustralia.gov.au)

BRAZIL

Ricardo ZANATTA MACHADO, Fiscal Federal Agropecuário, Coordenador do SNPC, Serviço Nacional de Proteção de Cultivares (SNPC), Ministério da Agricultura, Pecuária e Abastecimento, Brasília
(e-mail: ricardo.machado@agricultura.gov.br)

CANADA

Anthony PARKER, Commissioner, Plant Breeders' Rights Office, Canadian Food Inspection Agency (CFIA), Ottawa
(e-mail: anthony.parker@inspection.gc.ca)

Ashley BALCHIN (Ms.), Examiner, Plant Breeders' Rights Office, Canadian Food Inspection Agency (CFIA), Ottawa
(e-mail: ashley.balchin@inspection.gc.ca)
[via WebEx]

Jennifer ROACH (Ms.), Examiner, Plant Breeders' Rights Office, Canadian Food Inspection Agency (CFIA), Ottawa
(e-mail: Jennifer.Roach@inspection.gc.ca)
[via WebEx]

CHINA

Wenjun CHEN, Project Officer, State Intellectual Property Office, Beijing
(e-mail: chenwenjun@sipo.gov.cn)

HUANG Faji, Officer, Office for the Protection of New Plant Varieties, State Forestry Administration, Beijing
(e-mail: huangfaji@sina.com)

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

Chuanhong ZHANG (Ms.), Associate Researcher, Professor, Research Institute of Forestry, Chinese Academy of Forestry, Beijing
(e-mail: zhangchenator@163.com)

COLOMBIA

Ana Luisa DÍAZ JIMÉNEZ (Sra.), Directora Técnica de Semillas, Dirección Técnica de Semillas, Instituto Colombiano Agropecuario (ICA), Bogotá D.C.
(e-mail: ana.diaz@ica.gov.co)

EUROPEAN UNION

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

FRANCE

Virginie BERTOUX (Ms.), Responsable / Head, Instance nationale des obtentions végétales (INOV), INOV-GEVES, Beaucouzé
(e-mail: virginie.bertoux@geves.fr)

Yvane MERESSE, Responsable juridique / Legal Expert, Groupe d'Etude et de Contrôle des Variétés et des Semences (GEVES), Beaucouzé
(e-mail: yvane.meresse@geves.fr)

JAPAN

Katsumi YAMAGUCHI, Director, Plant Variety Protection Office, Intellectual Property Division, Food Industry Affairs Bureau, Tokyo
(e-mail: katsumi_yamaguchi130@maff.go.jp)

Kenji NUMAGUCHI, Chief Examiner, Plant Variety Protection Office, Intellectual Property Division, Food Industry Affairs Bureau, Tokyo
(e-mail: kenji_numaguchi760@maff.go.jp)

KENYA

Simon Mucheru MAINA, Head, Seed Certification and Plant Variety Protection, Kenya Plant Health Inspectorate Service (KEPHIS), Nairobi
(e-mail: smaina@kephis.org)

NETHERLANDS

Wim SANGSTER, Team DUS Vegetables, Naktuinbouw, Roelofarendsveen
(e-mail: w.sangster@naktuinbouw.nl)
[via WebEx]

Marcel RIJSBERGEN, Team DUS Vegetables, Naktuinbouw, Roelofarendsveen
(e-mail: m.rijsbergen@naktuinbouw.nl)
[via WebEx]

NEW ZEALAND

Christopher J. BARNABY, Assistant Commissioner / Principal Examiner for Plant Variety Rights, Plant Variety Rights Office, Intellectual Property Office of New Zealand, Ministry of Business, Innovation and Employment, Christchurch
(e-mail: Chris.Barnaby@pvr.govt.nz)

NORWAY

Tor Erik JØRGENSEN, Head of Section, National Approvals, Norwegian Food Safety Authority, Brumunddal
(e-mail: tor.erik.jorgensen@mattilsynet.no)

PARAGUAY

Miryan Concepción CANDIA VERGARA (Sra.), Técnica, Departamento de Protección y Uso de Variedades, Dirección de Semillas (DISE), Servicio Nacional de Calidad y Sanidad Vegetal y de Semillas (SENAVE), San Lorenzo
(e-mail: miryan.candia@senave.gov.py)

Dólia Melania GARCETE G. (Sra.), Directora, Dirección de Semillas (DISE), Servicio Nacional de Calidad y Sanidad Vegetal y de Semillas (SENAVE), Asunción
(e-mail: dolia.garcete@senave.gov.py)

REPUBLIC OF KOREA

Jino YOO, Deputy Director, Senior Examiner, Korean Intellectual Property Office (KIPO), Daejeon Metropolitan City
(e-mail: jino0524@kipo.go.kr)

Eunhee SOH (Ms.), Deputy Director, Senior Examiner, Korea Seed and Variety Service (KSVS), Seobu Office, Jeonllabuk-do
(e-mail: eunhee.soh@korea.kr)

SWITZERLAND

Manuela BRAND (Ms.), Plant Variety Rights Office, Federal Department of Economic Affairs Education and Research EAER Plant Health and Varieties, Federal Office for Agriculture FOAG, Bern
(e-mail: manuela.brand@blw.admin.ch)

TUNISIA

Fatma Chiha BELGAROU (Ms.), Ingénieur en chef, Sous Directeur des semences et plants, Direction Générale de la Protection et Contrôle de la Qualité des produits Agricoles, Ministère de l'Agriculture, des Ressources Hydrauliques et de la Pêche, Tunis
(e-mail: fatmachiha@yahoo.fr)

UNITED REPUBLIC OF TANZANIA

Patrick NGWEDIAGI, Registrar, Plant Breeders' Rights Office, Ministry of Agriculture, Food Security and Cooperatives, Dar es Salaam
(e-mail: ngwedi@yahoo.com)

UNITED STATES OF AMERICA

Kitisri SUKHAPINDA (Ms.), Patent Attorney, Office of Policy and International Affairs, United States Patent and Trademark Office (USPTO), Department of Commerce, Alexandria
(e-mail: kitisri.sukhapinda@uspto.gov)

Christian HANNON, Patent Attorney, United States Patent and Trademark Office (USPTO), Alexandria
(e-mail: christian.hannon@uspto.gov)

Ruihong GUO (Ms.), Deputy Administrator, AMS, Science & Technology Program, United States Department of Agriculture (USDA), Washington D.C.
(e-mail: ruihong.guo@ams.usda.gov)

Jeffery HAYNES, Deputy Commissioner, U.S. Plant Variety Protection Office, USDA, AMS, S&T, Plant Variety Protection Office, Washington D.C.
(e-mail: Jeffery.Haynes@ams.usda.gov)
[via WebEx]

Paul M. ZANKOWSKI, Commissioner, Plant Variety Protection Office, USDA, AMS, S&T, Plant Variety Protection Office, Washington D.C.
(e-mail: paul.zankowski@ams.usda.gov)
[via WebEx]

URUGUAY

Daniel BAYCE, Director Ejecutivo, Instituto Nacional de Semillas (INASE), Canelones
(e-mail: dbayce@inase.org.uy)

II. ORGANIZATIONS

CROPLIFE INTERNATIONAL

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

INTERNATIONAL COMMUNITY OF BREEDERS OF ASEXUALLY REPRODUCED ORNAMENTAL AND FRUIT PLANTS (CIOPORA)

Hélène JOURDAN (Ms.), Secrétaire générale, AOHE, Responsable COV & Marques, Meilland International S.A., Association des Obtenteurs Horticoles Européens (AOHE), Meilland International S.A, Domaine de Saint-André, Le Cannet des Maures, 83340 Le Luc en Provence, France
(e-mail: licprot@meilland.com)

Dominique THÉVENON (Ms.), Board member, Treasurer - CIOPORA, AIGN®, International Community of Breeders of Asexually Reproduced Ornamental and Fruit Plants (CIOPORA), Hamburg, Germany
(e-mail: t.dominique4@aliceadsl.fr; t.dominique4@orange.fr)

INTERNATIONAL SEED FEDERATION (ISF)

Judith DE ROOS-BLOKLAND (Ms.), Legal Advisor, Regulatory and Legal Affairs, Plantum NL, Gouda, Netherlands
(e-mail: j.deroos@plantum.nl)

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

Maria José VILLALÓN-ROBLES (Ms.), PVP Specialist EMEA, Monsanto, Wageningen, Netherlands
(e-mail: maria.jose.villalon.robles@monsanto.com)

Sietske WOUDA (Ms.), Lead Global Germplasm PVP/MA, Syngenta International AG, Basel, Switzerland
(e-mail: sietske.wouda@syngenta.com)

Veronique BEEREN (Ms.), Department Plant Variety Protection and Trademarks, Nunhems B.V., Netherlands
(e-mail: nunhems.varietyregistration.nl@bayer.com)

[via WebEx]

Amy D. CURTIS (Ms.), Soybean & Cotton Patent Scientist, Monsanto US, Huxley, United States of America
(e-mail: amy.curtis@monsanto.com)

[via WebEx]

Titus T. DE VRIES, Registration & Maintenance, Limagrain, Rilland, Netherlands
(e-mail: titus-de.Vries@limagrain.com)

[via WebEx]

Stevan MADJARAC, Germplasm IP Lead, American Seed Trade Association (ASTA), Alexandria , United States of America

(e-mail: s.madjarac@gmail.com)

[via WebEx]

François-Xavier MULLER, EU Corn Breeding IP/QMS Manager, Monsanto SAS, Monbéqui, France
(e-mail: francois-xavier.muller@monsanto.com)

[via WebEx]

Dominique QUENNEVAT (Ms.), Administrative Assistant, DuPont Pioneer Genetique, Aussonne, France
(e-mail: dominique.quennevat@pioneer.com)

[via WebEx]

Astrid M. SCHENKEVELD (Ms.), Specialist, Variety Registration & Protection, Rijk Zwaan Zaadteelt en Zaadhandel B.V., De Lier, Netherlands

(e-mail: a.schenkeveld@rijkszwaan.nl)

[via WebEx]

III. OFFICE OF WIPO

Bernard RAUBER, Head; Income Section

Sabine PERALS (Ms.), Senior Accounting Assistant, Operations Unit 2: PCT Receiving Offices (IB, IB/RO)

Nicolas SAY, Agency Worker, Functional Team

IV. OFFICER

Peter BUTTON, Chair

V. OFFICE OF UPOV

Peter BUTTON, Vice Secretary-General

Yolanda HUERTA (Ms.), Legal Counsel

Jun KOIDE, Technical/Regional Officer (Asia)

Ben RIVOIRE, Technical/Regional Officer (Africa, Arab countries)

Leontino TAVEIRA, Technical/Regional Officer (Latin America, Caribbean countries)

Hend MADHOUR (Ms.), Data Modeler and Business Analyst

Ariane BESSE (Ms.), Administrative Assistant

[Annex II follows]

EAF/8 meeting

Electronic Application Form Project_Version 2 (PV2)

*Document EAF/8/2
"Developments concerning the prototype electronic form project"*

Geneva
October 24, 2016

1

AGENDA

- Background
- Developments since EAF/7 (March 2016)
- Presentation and validation of the prototype
- Other matters for consideration
 - Addition of new crops
 - Financial Administrative Regulations and Rules
 - Official variety list
- Next steps
 - Participation in the launch of EAF
 - Tentative Timeline
- EAF Name

2

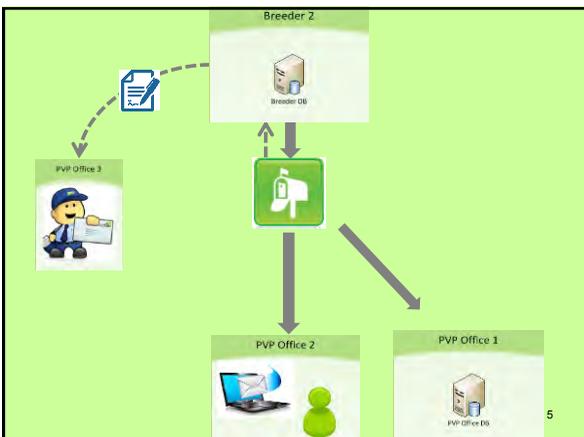
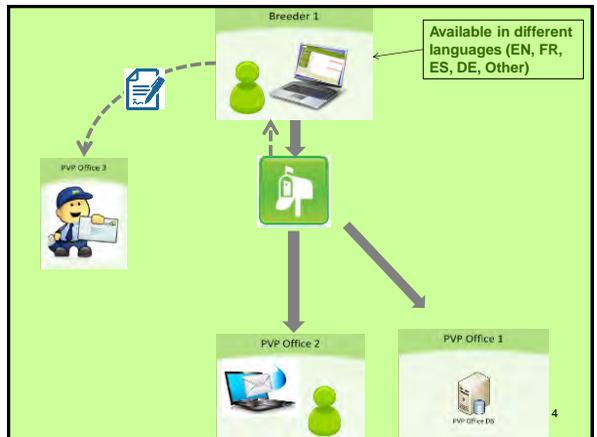
Background

The original description of the **aim of the project** on a prototype electronic form was to develop a **multilingual, electronic form containing questions relevant for plant breeders' rights (PBR) applications**.

The aim of the prototype would be to develop an **electronic form covering all relevant information required for a PBR application (including Technical Questionnaire)** in the members of the Union concerned and with questions translated in the relevant languages for the members of the Union concerned.

(see document CAJ/66/5 "Electronic Application Systems", paragraph 2).

3



TRANSFER OPTIONS

Regular Mail	E-mail	System to System
Hard Paper 	1. Notification by E-mail 2. Link to download application data (XML and/or PDF) 	XML and/or PDF

Benefits of the EAF system

1. Multilingual system: possibility to read all questions in all languages of participating members
2. Provide and electronic PVP system for participating members who don't have one
3. Facilitate exchange of data in a standard format (PVP-XML)
4. Offer the possibility to reuse existing application data

7

Prototype Electronic Application Form

Participating UPOV members in EAF

- | | |
|---|--|
| <ul style="list-style-type: none"> • Argentina • Australia • Bolivia • Brazil • Chile • Canada • China • Colombia • Czech Republic • Dominican Republic • Ecuador • European Union (28 member States) • France • Georgia • Germany • Japan • Kenya | <ul style="list-style-type: none"> • Mexico • Netherlands • New Zealand • Norway • Oman • OAPI (17 member States) • Paraguay • Republic of Korea • Republic of Moldova • Sweden • South Africa • Switzerland • Tunisia • United States of America • Uruguay • Viet Nam |
|---|--|

Partners

- UPOV Office
- WIPO
- CPVO
- ISF
- CIOPORA
- CropLife

33 participating UPOV members covering 76 countries

8

Participating UPOV members in EAF



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

9

The EAF/6 in October 2016, agreed (see EAF/6/4 "Report"):

The aim of Prototype Version (PV2) would be to demonstrate the scalability of the system, i.e. addition of further crops, languages and PVP Offices, and also to demonstrate the feasibility of implementation by PVP Offices

To be included in Prototype Version 2:PV2

Different languages: EN, FR, DE, ES

New crops: Apple Fruit Varieties, Rose, Soya Bean and Potato

Payment modes and user authentication/authorization

Possibility to introduce and/or modify questions (update of the form) and routine maintenance

Confidentiality of data and Security policies in terms of data transfer.

View application in XML/ PDF format

High availability of the system

Interaction with existing external systems (Genie DB, WIPO Accounts, PVP Office)

The EAF/7 agreed:

(see document EAF/8/2 paragraphs 5 and 6)

- on the release of PVP-XML Version 2
- on the plan presented for the test campaign
- all legal requirements of the PVP Offices concerned would need to be met
- all questions would be available in the languages of the participating UPOV members (when provided)

11

The EAF/7 agreed (cont'd):

(see document EAF/8/2 paragraphs 5 and 6)

- users would be required to provide information (answers) in a language accepted by the authority concerned (as indicated in the form)
- on the following two options in relation to integration with PVP Offices systems:

Case 1: In the case of PVP Offices with no electronic system or who do not wish to integrate their existing system with the EAF, they will receive the submitted application data via e-mail or regular mail/hand delivery

Case 2: System-to-System communication (Synchronization for submitted application data or Validation of submitted application data and authorization through Web application)

12

The EAF/7 agreed (cont'd):
(see document EAF/8/2 paragraphs 5 and 6)

- all data would be encrypted and considered confidential
- the EAF system should allow, if requested, for PVP Offices fees to be collected by UPOV and distributed to the PVP Offices in a form and currency determined by the PVP Office concerned.
- the implementation of the EAF would not affect the fees that PVP Offices would receive per application
- for payment to cover the costs of the EAF, including UPOV charge per application, as follows:
 - CHF 150 / submitted application in 2017/2018
 - CHF 250 / submitted application from 2019

13

The EAF/7 agreed (cont'd):
(see document EAF/8/2 paragraphs 5 and 6)

- that financial and administrative regulations and rules should be presented for approval
- a program of publicity on the availability of the system for breeders would be organized in conjunction with the launch of the EAF
- a program of training for PVP Offices and users would be introduced in conjunction with the launch of the EAF
- on the need to develop an approach to add new crops more rapidly,
- to make an initial assessment of the feasibility of including information for official variety list purposes

14

AGENDA

- Background
- Developments since EAF/7 (March 2016)
- Presentation and validation of the prototype
- Other matters for consideration
 - Addition of new crops
 - Financial Administrative Regulations and Rules
 - Official variety list
- Next steps
 - Participation in the launch of EAF
 - Tentative Timeline
- EAF Name

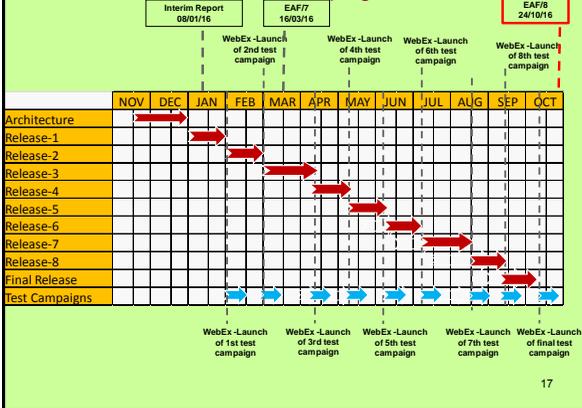
15

Developments since EAF/7

- Presentation of developments of the project to:
 - Consultative Committee (March 17, 2016)
 - Council (March 17, 2016)
- Test Campaign for the development of a functioning prototype by October 2016

16

Timelines for Test Campaign EAF-PV2



17

Received Feedback

Breeders	Authorities
ISF_Syngenta	AR, AU
ISF_Monsanto	BR
ISF_Limagrain	CA, CH, CL, CO
ISF_Nunhems	KR
CIOPORA_Meilland	QZ
ISF_RijkZwan	MX
ISF_Pioneer	NL, NO
CIOPORA_Royalty Administration International	US, UY

18

AGENDA

- Background
- Developments since EAF/7 (March 2016)
- Presentation and validation of the prototype
- Other matters for consideration
 - Addition of new crops
 - Financial Administrative Regulations and Rules
 - Official variety list
- Next steps
 - Participation in the launch of EAF
 - Tentative Timeline
- EAF Name

19

Prototype Electronic Application Form

Participating UPOV members in EAF

- Argentina
- Australia
- Bolivia
- Brazil
- Chile
- Canada
- China
- Colombia
- Czech Republic
- Dominican Republic
- Ecuador
- European Union (28 member States)
- France
- Georgia
- Germany
- Japan
- Kenya
- Mexico
- Netherlands
- New Zealand
- Norway
- Oman
- OAPI (17 member States)
- Paraguay
- Republic of Korea
- Republic of Moldova
- Sweden
- South Africa
- Switzerland
- Tunisia
- United States of America
- Uruguay
- Viet Nam

25 participating UPOV members covering 68 countries

20

Prototype Electronic Application Form

Authorities to be included in future releases of the EAF

- Argentina
- Australia
- Bolivia
- Brazil
- Chile
- Canada
- China*
- Colombia
- Czech Republic
- Dominican Republic
- Ecuador
- European Union (28 member States)
- France
- Georgia
- Germany*
- Japan
- Kenya
- Mexico
- Netherlands
- New Zealand
- Norway
- Oman
- OAPI (17 member States)
- Paraguay *
- Republic of Korea
- Republic of Moldova*
- Sweden*
- South Africa
- Switzerland
- Tunisia
- United States of America
- Uruguay
- Viet Nam

21

* to be implemented and tested after the October sessions (approval of PV2) if all information is provided

The EAF/6 in October 2016, agreed (see EAF/6/4 "Report"):

The aim of Prototype Version (PV2) would be to demonstrate the scalability of the system, i.e. addition of further crops, languages and PVP Offices, and also to demonstrate the feasibility of implementation by PVP Offices

To be included in Prototype Version 2:PV2

Different languages: EN, FR, DE, ES

New crops: Apple Fruit Varieties, Rose, Soya Bean and Potato

Payment modes and user authentication/authorization

Possibility to introduce and/or modify questions (update of the form) and routine maintenance

Confidentiality of data and Security policies in terms of data transfer.

View application in XML/ PDF format

High availability of the system

Interaction with existing external systems (Genie DB, WIPO Accounts, PVP Office)

Different languages



23

Prototype Electronic Application Form

Functioning system by October 2016

(see document EAF/8/2 paragraphs 18 and 19)

Questions:

Languages

English

French

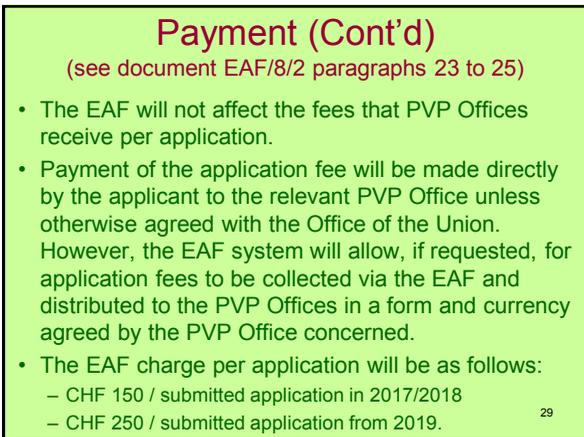
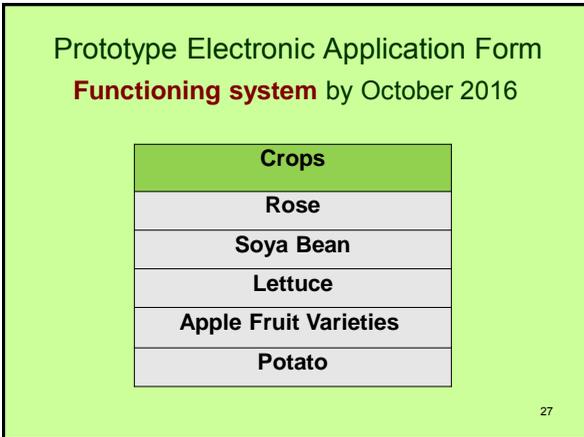
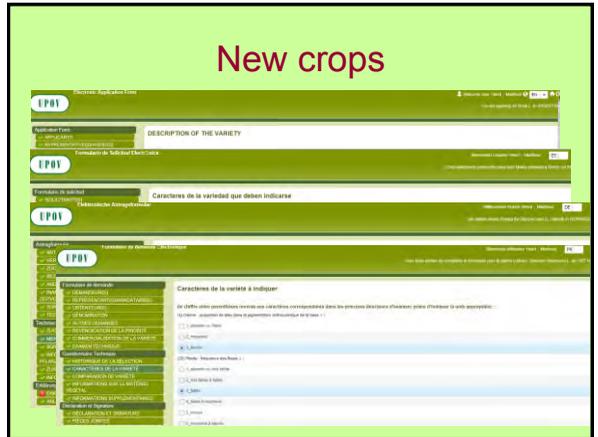
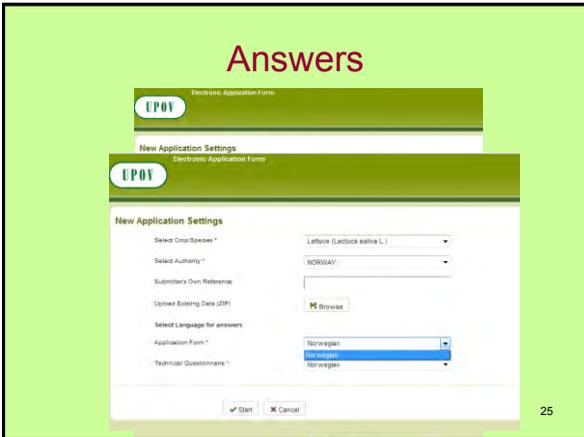
Spanish

German

Answers:

Users will be required to provide information (answers) in a language accepted by the PVP Office concerned, which will be indicated in the form

24

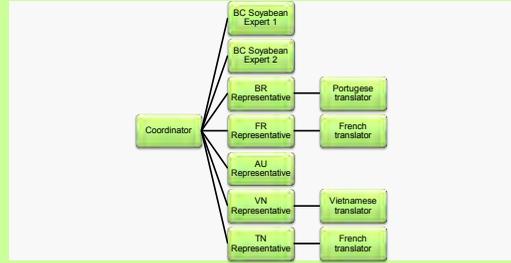


User Authorization

- Managed by UPOV EAF ADMIN, PVP Office Admin and Breeder ADMIN

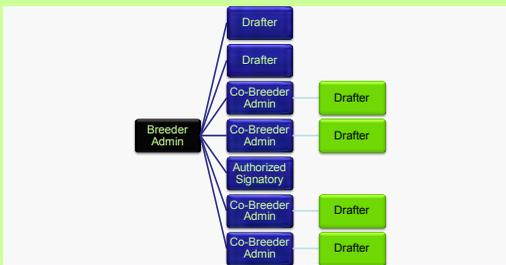
31

User Authorization



32

Team Organization in EAF



33

Breeder-Role Matrix

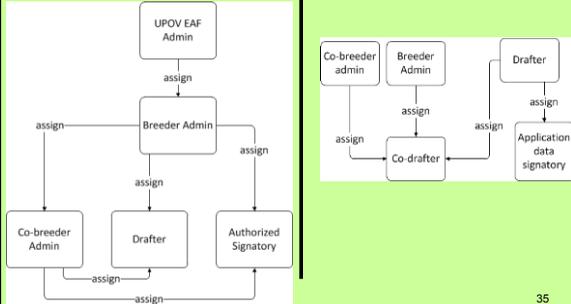
	Start	Edit	Copy	Delete	View	Sign	Submit	Assigning of Roles
Breeder Admin	X	X	X	X	X	X	X	Drafter, authorized signatory and co-breeder admin role
Co-breeder Admin	X	X	X	X	X	X	X	Drafter and authorized signatory
Drafter	X	X	X	X	X			
Authorized signatory					X	X	X	

34

Breeder- Role management

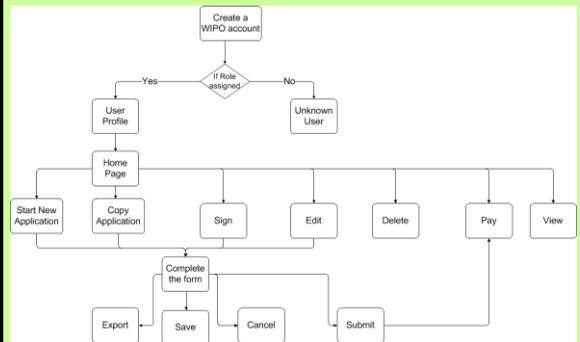
EAF Web Application

Application Data



35

Breeder fonctionnalités

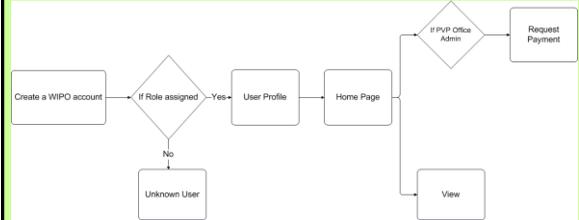


PVP Office- Role Matrix

	View	Request payment	Role Assignment
PVP Office Admin	X	X	PVP Officer
PVP Officer	X	X	

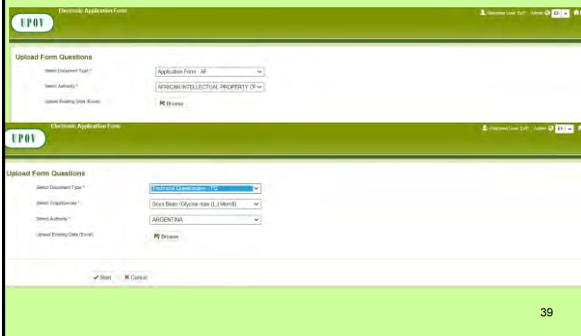
37

PVP Office- Fonctionnalités



38

Possibility to introduce and/or modify questions (update of the form) and routine maintenance



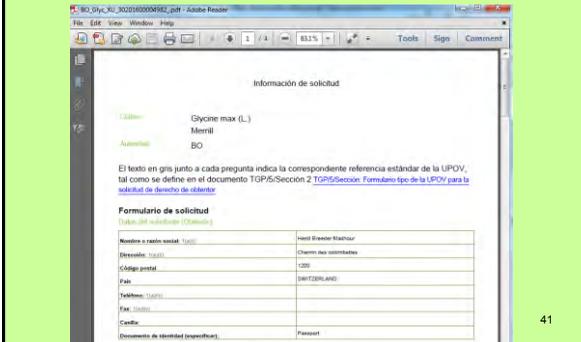
39

Confidentiality of data and Security policies in terms of data transfer (see document EAF/8/2 paragraph 22)

- Data is encrypted in the database
- HTTPS is used for data transfer

40

View application in XML/ PDF format



41

Interaction with existing external systems

- Genie DB- for botanical names
- WIPO Accounts
- EPay

42

Interaction with PVP Offices systems

(see document EAF/8/2 paragraphs 20 and 21)

- Manual transmission of data
- Automatic transmission of data
 - Retrieve application data in:
 - XML format and/or,
 - PDF format
 - Within a specific period of time
 - Via Web services

43

AGENDA

- Background
- Developments since EAF/7 (March 2016)
- Presentation and validation of the prototype
- Other matters for consideration
 - Addition of new crops
 - Financial Administrative Regulations and Rules
 - Official variety list
- Next steps
 - Participation in the launch of EAF
 - Tentative Timeline
- EAF Name

44

Proposal for new crops to be added to the EAF

(see document EAF/8/2 paragraphs 30 to 39)

- After the launch of the EAF in 2017
- Based on the information provided by users (Applicants and PVP Offices)
- Based on experiences from PV1 and PV2
- According to resources available

45

Crops/species currently included in the EAF

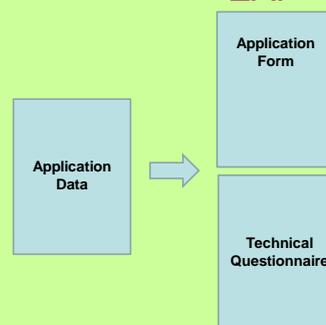
Botanical Name	English
Rosa L.	Rose
Glycine max (L.) Merill	Soya Bean
Lactuca sativa L.	Lettuce
Malus domestica Borkh.	Apple Fruit Varieties
Solanum tuberosum L.	Potato

46

Proposal for the next 26 crops to be included in EAF (after 2017)- in order of priority

Botanical Name	Botanical Name
1 Zea mays L.	14 Petunia Juss.
2 Chrysanthemum spec.	15 Pelargonium zonale hort. non (L.) L'Hérit. ex Ait., P. peltatum hort. non (L.) L'Hérit. ex Ait.
3 Triticum aestivum L.	16 Vaccinium
4 Solanum lycopersicum L.	17 Anthurium Schott
5 Prunus persica (L.) Batsch	18 Hydrangea L.
6 Phalaenopsis Blume	19 Pisum sativum L. sensu lato
7 Brassica napus L. oleifera	20 Cucumis sativus L.
8 Liliium L.	21 Vitis L.
9 Capsicum annuum L.	22 Rubus idaeus L.
10 Hordeum vulgare L. sensu lato	23 Calibrachoa Cerv., Calibrachoa Lave & Lex.
11 Helianthus debilis Nutt.	24 Phaseolus vulgaris L.
12 Fragaria L.	25 Alstroemeria L.
13 Cucumis melo L.	26 Onyza sativa L.

New crops to be added to the EAF



48

New crops to be added to the EAF

- Provided by the Authority
- Already provided by the 25 participating members of the Union in PV2
- Available in the 4 UPOV languages
- Reusable for new crops

Additional work after 2017

- New Authority
- Changes in the Application Form
- Non UPOV languages

49

New crops to be added to the EAF

- Crop-specific
- Could be, in some cases, generated by UPOV Test Guidelines Database (List of characteristics)
- Country specific

Additional work after 2017

- New crops
- Specificity for each participating members
- Translation

50

New crops to be added to the EAF

- 50% of participating members in the EAF
- 50% of participating members in the EAF
- Based or partially based on UPOV Test Guidelines TQ

51

Approach 1: Customized technical questionnaire (crop and country specific)

➤ +/- 5 new crops per year

52

Approach 2: Technical questionnaire based on the UPOV Test Guidelines (crop specific / country specific)

➤ +/- 25 new crops per year

Note: 316 Test Guidelines estimated to cover 91% of PBR-related varieties in UPOV Plant Variety Database

53

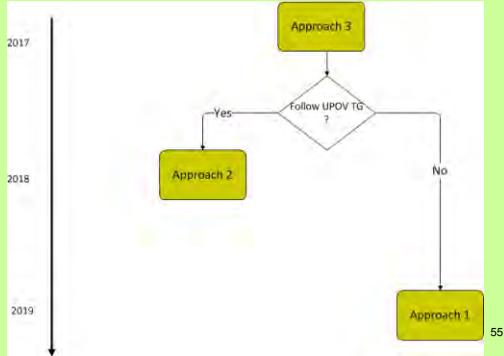
Approach 3: Generic technical questionnaire (Non-crop specific / country specific)

➤ All other crops

Each country has a single generic TQ for all crops

54

Proposal for the next crops to be included in EAF



Proposal for the next crops to be included in EAF

- Combination of approaches
- For all participating members providing the necessary information

Year	Customized technical questionnaire	Technical questionnaire based on the UPOV Test Guidelines	Generic technical questionnaire
Number of crops included in the EAF			
January 2017	5	5	-
January 2018	10	30	All crops
January 2019	20	60	All crops
January 2020	30	90	All crops

Basis of the Financial Administrative Regulations and Rules

- Application data is transferred to the selected authority after submission and without waiting for the payment confirmation
- If the payment using bank transfer is not received within 45 days after the submission of the application, a reminder is sent by the the UPOV/WIPO Finance Department.

57

Basis of the Financial Administrative Regulations and Rules

- Charges for payment by credit card is to be considered with PVP Offices
- Individual Authority Fees are redistributed to PVP offices, according to the requested payments
- Payment transfers might have a delay according to the payment method chosen (credit card or bank transfer)

58

Basis of the Financial Administrative Regulations and Rules

- PROPOSAL: to finalize detailed document explaining Financial Administrative Regulations and Rules with participating members and WIPO, on the above basis

59

Proposal for official variety list to be included in EAF

- Circular E-16/212 – September 19, 2016
- 5 replies received in relation to the idea of including official variety list information in EAF
 - 2 in favor
 - 3 not in favor
- PROPOSAL: To consider further whether to include information on official variety list in EAF, at the next meeting (EAF/9 in April 2017)

60

AGENDA

- Background
- Developments since EAF/7 (March 2016)
- Presentation and validation of the prototype
- Other matters for consideration
 - Addition of new crops
 - Financial Administrative Regulations and Rules
 - Official variety list
- Next steps
 - Participation in the launch of EAF
 - Tentative Timeline
- EAF Name

61

Next Steps:

Requirements for the participation in the launch of EAF

- Which authority ?
 - Accepted currencies
 - Payment method (direct or via UPOV)
 - To provide bank account information (If appropriate– i.e: FR, AU, OA, TN, NZ, NO)
- To answer pending issues (see Wiki)

62

Next Steps

- Document explaining Financial and Administrative Regulations and rules to be finalized
- User guides, to be translated in the 4 UPOV languages and any other relevant languages
 - For Breeders
 - For PVP offices

63

Next Steps

- To develop, for PVP Offices and users, in consultation with participating members:
 - a program of training
 - a program of users support and routine maintenance provisions
 - a program of publicity of the availability of the system (mainly for breeders)

64

Next Steps Tentative Timeline

- Pre-launch Testing: November-December 2016
- Subject to approval by the CAJ and Consultative Committee, to seek the approval by the Council at its fiftieth session, to be held in Geneva on October 28, 2016, for the launch of the EAF at the beginning of 2017
- Go-live : 09/01/2017

65

AGENDA

- Background
- Developments since EAF/7 (March 2016)
- Presentation and validation of the prototype
- Other matters for consideration
 - Addition of new crops
 - Financial Administrative Regulations and Rules
 - Official variety list
- Next steps
 - Participation in the launch of EAF
 - Tentative Timeline
- EAF Name

66

Proposal for a name for the EAF

- OLAF
- On Line Application Form

67

Future Issues

- Submission: The breeder would be able to submit their application data even if not all mandatory questions are answered.
- Test campaign for addition of new crops and/or authorities
- Official variety list
- Next meeting: EAF/9
 - **Wednesday April 5, 2017** (after the TC/53 and before the CAJ/74)

68

EAF PV2

- <https://webaccess.wipo.int/eaf/>

69

[End of Annex II and of document]