

Report to the Technical Working Parties

Electronic Application Form Project

Document TWV/50/8

Brno, Czech Republic,
June 27 to July 1, 2016

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OVERVIEW

- Background
- Developments in 2015-2016
- Presentation of the prototype
- Other matters for consideration

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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 (PBRs) 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).

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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
- Sweden
- South Africa
- Switzerland
- Tunisia
- United States of America
- Uruguay
- Viet Nam

Partners

- UPOV Office
- WIPO
- CPVO
- ISF
- CIOFORA
- CropLife

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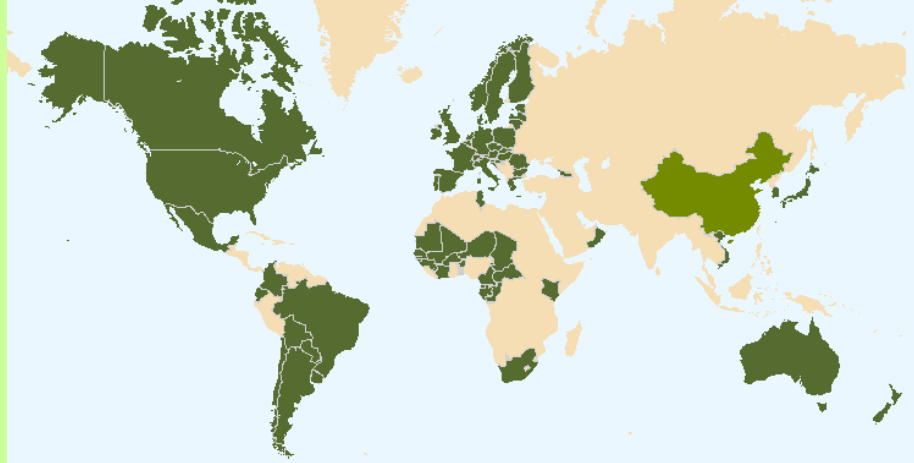
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cover 75 countries

Prototype Electronic Application Form

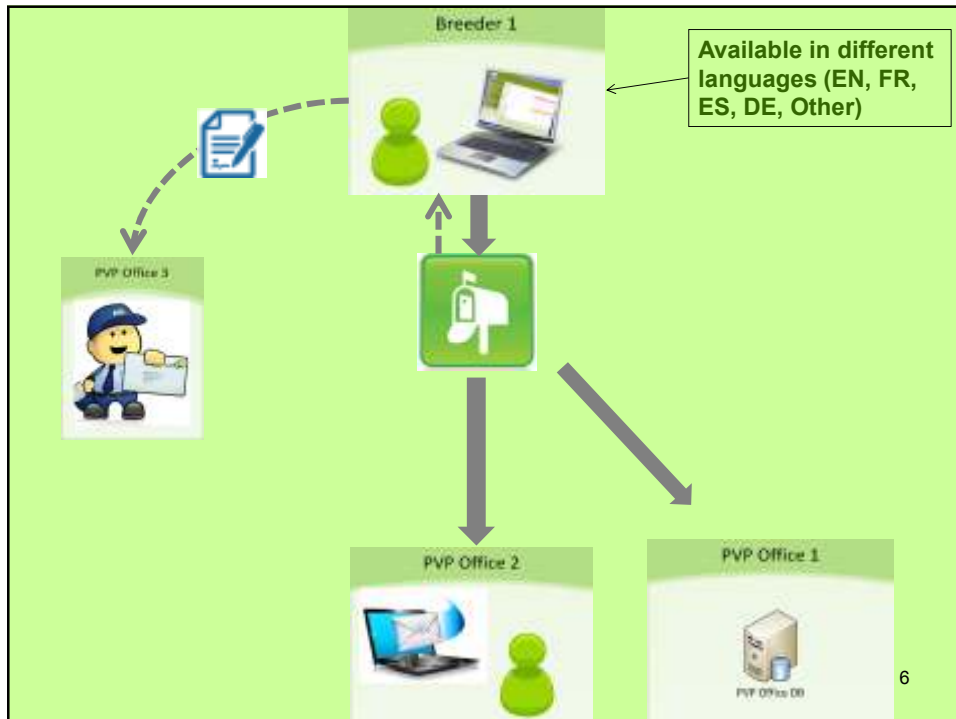
Participating UPOV members in the EAF project

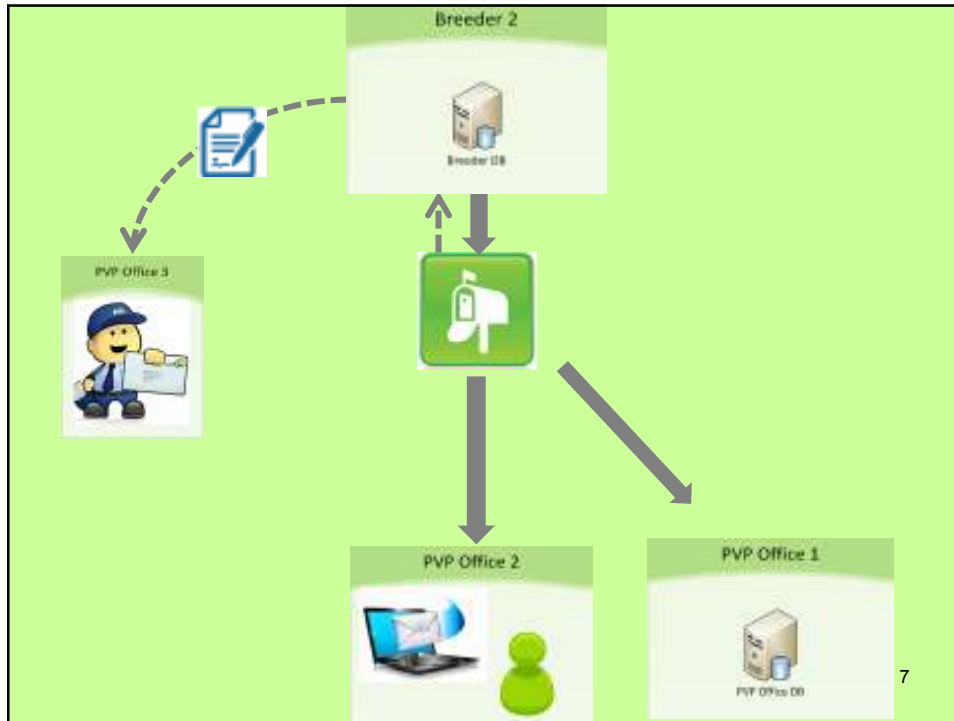
32



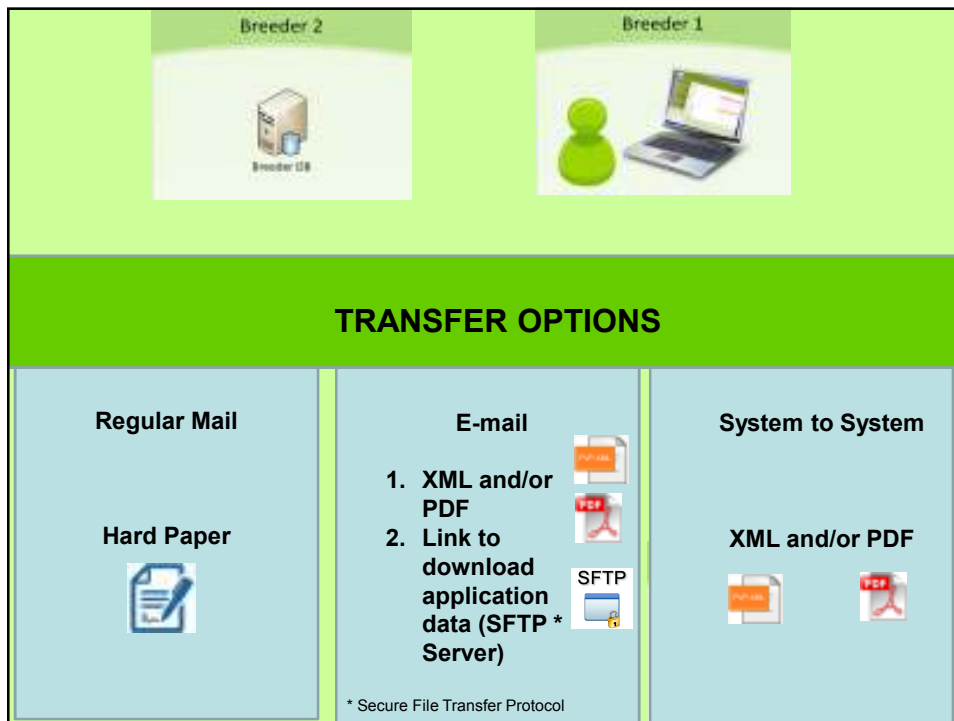
The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory

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Benefits of the EAF system

1. Multilingual system: possibility to read all questions in all languages of participating members
2. Provide an 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

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Target for Prototype Electronic Application Form Version 1 (PV1)

Functioning Prototype
by October 2015 (EAF/6 meeting)

=

Data can be transferred (and reused) from
participating breeders to participating PVP
Offices

according to the specific information that they
require for an application
in the requested format

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Validation of PV1

Done

–Validation by participating
members and UPOV members

- EAF/6 (October 26, 2015)
- CAJ (October 27, 2015)
- Consultative Committee
(October 28, 2015)



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Target for Prototype Electronic Application Form Version 2 (PV2)

Functioning system by October 2016

Including:

Scaling-up of the system, i.e. addition of further crops, languages and PVP Offices, and

Enable implementation by PVP Offices for the **application process** (filing, authorization, payment, submission...)

for the **selected crops**

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Endorsement of PV2

- by participating members and UPOV members
 - EAF/7 (March 16, 2016)
- by relevant UPOV sessions
 - Technical Committee (March 2016)
 - Consultative Committee (March 2016)

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Participating Authorities in PV2*

Authorities (26)				
Argentina	Canada	Kenya	Organisation Africaine de la PI (OAPI)	South Africa
Australia	Czech Republic	Republic of Korea	Sweden	Switzerland
Bolivia	European Union	Mexico	Tunisia	
Brazil	France	Netherlands	United States of America	
Chile	Georgia	New Zealand	Uruguay	
Colombia	Japan	Norway	Viet Nam	

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UPOV members cover 69 countries

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* Participating UPOV members in the EAF who provided their forms /information to be used in the prototype electronic form **PV2**

Supported crops in EAF_PV2

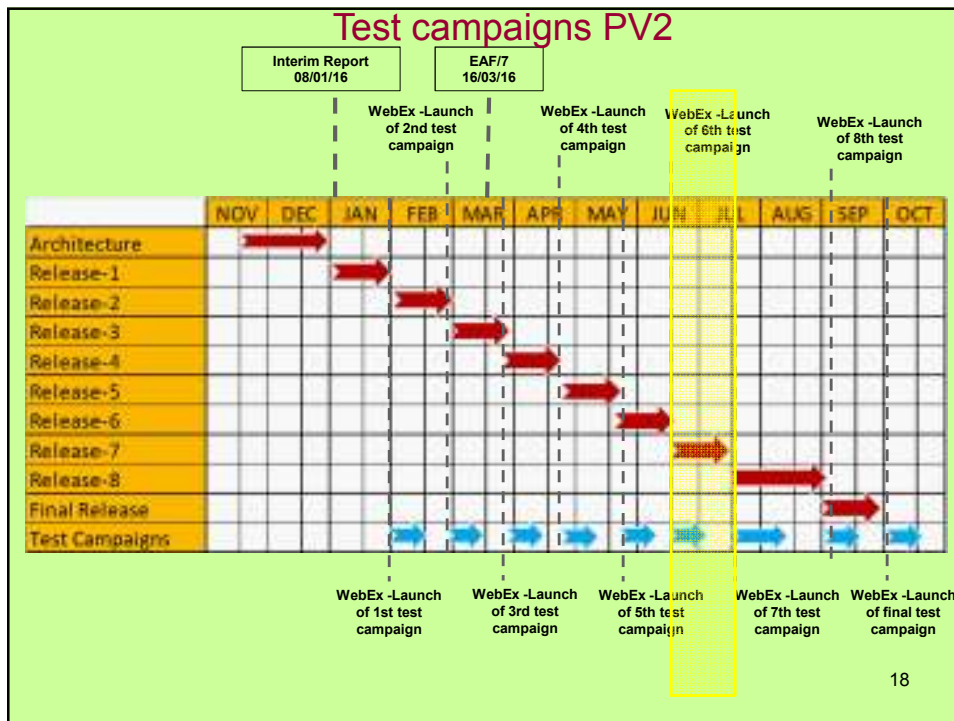
Crops	Priority*	XML	Online Form
Rose (17)	1	Release 1	Release 4
Soya Bean (20)	1	Release 2	Release 6
Lettuce (19)	2	Release 2	Release 4
Apple Fruit Varieties (18)	2	Release 2	Release 7
Potato (18)	3	Release 2	Release 8*

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* According to time available

Test campaigns PV2

Test Campaign	Milestone Release (MR) Contents/ Functionalities to be tested
Release 1	Updated PVP-XML Application Form (AF) for new participants and new crops
Release 2	Updated PVP-XML Technical Questionnaire (TQ) for new participants and new crops, User feedback from MR1
Release 3	Authentication/Authorization, Multi-language feature, Add new participants, user feedback from MR2
Release 4	Manage forms interface (EAF Admin), Add crops (Rose+Lettuce), user feedback from MR3 Part 1
Release 5	Reuse TQ, Payment, user feedback from MR3 Part 2, user feedback from MR4
Release 6	Add Soya Bean*, Office/Breeder Preference Interface, integration with PVP Offices system (Export Web service) (e.g. NL), user feedback from MR5
Release 7	Add Apple Fruit Varieties*, Encryption, Secure Web Services, user feedback from MR6
Release 8	Add Potato*, Authorities authorization service (e.g. CPVO) *, user feedback from MR7
Final Release	User feedback from MR8 and Full Prototype



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EAF PV2

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

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Start a new application

The screenshot shows the 'New Application Settings' form in the IPI system. The form is titled 'New Application Settings' and contains several fields for configuration. The 'Select Crop/Species' dropdown is set to 'Rose (Rosa L.)'. The 'Select Authority' dropdown is set to 'AUSTRALIA'. The 'Submitter's Own Reference' field is empty. The 'Upload Ending Date (EP)' field has a 'Browse' button. The 'Select Language for questions' section has two rows: 'Application Form' and 'Technical Questionnaire', both set to 'English'. The 'Select Language for answers' section also has two rows: 'Application Form' and 'Technical Questionnaire', both set to 'English'. At the bottom of the form are 'Start' and 'Cancel' buttons.

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FORM-Applicant(s)

The screenshot shows the 'FORM-Applicant(s)' form in the IPI system. The form is titled 'FORM-Applicant(s)' and contains several fields for applicant information. The 'Personal Details' section includes fields for 'Name of Applicant', 'Contact Name', 'Street Address', 'Postcode', 'State', and 'Country'. The 'Technical Details' section includes fields for 'Technical Details (EP)', 'Mailing Address (EP)', and 'Fax/Postal Area Code (EP)'. The 'Email Address' field is also present. At the bottom of the form are 'Export', 'Save', 'Submit', and 'Cancel' buttons.

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FORM- Variety comparison



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TG characteristics and states of expression



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Dashboard

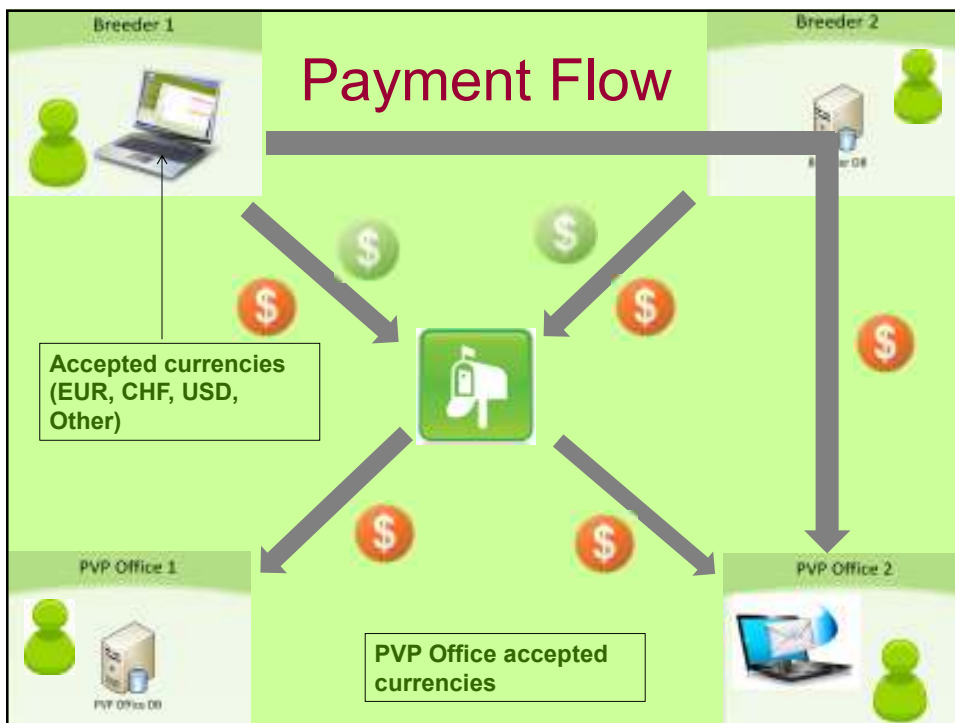
PDF format

Application Number	Status of Application	Date	Priority/Precedence	Priority/Breeder's Preference	Subscriber's Ref. Preference	Currency	Status	Amount/Payment Status
AJ_000000000000	OK	2014-03-01	FAVORABLE	OK	OK	EUR	COMPLETED	OK
AJ_000000000001	OK	2014-03-01	FAVORABLE	OK	OK	EUR	COMPLETED	Pending application payment
AJ_000000000002	OK	2014-03-01	FAVORABLE	OK	OK	EUR	COMPLETED	ACCOMPLISHED
AJ_000000000003	OK	2014-03-01	FAVORABLE	OK	OK	EUR	COMPLETED	Pending application payment
AJ_000000000004	OK	2014-03-01	FAVORABLE	OK	OK	EUR	COMPLETED	ACCOMPLISHED
AJ_000000000005	OK	2014-03-01	FAVORABLE	OK	OK	EUR	COMPLETED	Pending application payment

Only pending applications

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Payment Flow



Test Campaign_Release 5 Payment

- After each application data submission

Payment Details
You are applying for Rose in ARGENTINA

Fees

- Application Fees
- EAF Fees

Payment Details
You are applying for Rose in ARGENTINA
Please note that only EAF Fees are requested at EAF level. You should pay the application fees directly to ARGENTINA

Fees	Currency	Amount
EAF Fees	CHF	150.0
Total Amount	CHF	150.0

Choose your payment method: Bank Transfer

Epay: WIPO payment gateway

Payment by Credit Card

Amount: 150.00 CHF

Payment number: EPO-21046037600

Reference: 01_2020/00002401_A0

Payment subject: PAYMENT_SUBJECT/EPO-ELECTRONIC_APPLICATION_FORM/??

This connection between your web browser and the web server is encrypted, for your protection (certified authenticity) of data that we allow the strongest available encryption method, and is automatically updated to ensure currency with the latest reviews. Your credit card will be automatically debited once you have confirmed payment.

Card type:

Please select:

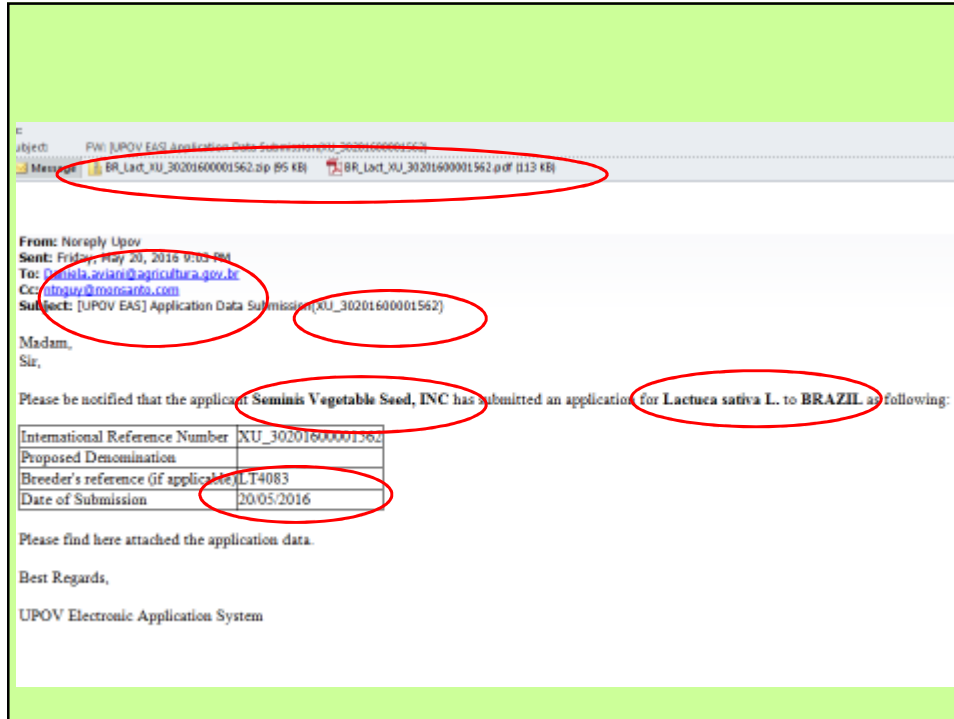
Full name of cardholder (as printed on card):

Card number:

CVV Code (What is a CVV code?):

Card expiry date:

I agree with the terms and conditions.



```

<?xml version="1.0" encoding="UTF-8" sta
- <pvp:ApplicationForm xmlns:xsi="http://
  xmlns:xsd="http://www.w3.org/2001/X
  xmlns:pat="http://www.wipo.int/stand
  <com:ReceivingOfficeCode>BR</com:I
  <com:ReceivingOfficeDate>2016-05-2
- <pvp:PartyBag>
  - <pvp:ApplicantBag>
    - <pvp:Applicant>
      <com:PartyIdentifier com:
      <com:NationalityCode>US-
    - <com:Contact>
      - <com:Name>
        <com:EntityName>
        </com:Name>
      - <com:PostalAddressBag>
        - <com:PostalAddress
          - <com:PostalStr
            <com:Addr
            <com:CityN
            <com:Geog
            <com:Coun
            <com:Posta
          </com:PostalSt
        </com:PostalAdre
  
```

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Copy Application Data

International Reference Number	Class	Name	Proposed Classification	Priority Document's Reference	Submission's Doc Reference	Authority	Action
WIPO/2016/001	Class	WIPO/2016/001	WIPO/2016/001			WIPO	View Details
WIPO/2016/002	Class	WIPO/2016/002	WIPO/2016/002			WIPO	View Details
WIPO/2016/003	Class	WIPO/2016/003	WIPO/2016/003			WIPO	View Details
WIPO/2016/004	Class	WIPO/2016/004	WIPO/2016/004			WIPO	View Details

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OVERVIEW

- Background
- Developments in 2015
- Next steps
- Other matters for consideration

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Matters for consideration for the launch of an operational system in 2017

- Users support and routine maintenance provisions
- Integration with PVP Offices systems
- Training for PVP Offices and applicants
- Publicity of the availability of the system for breeders

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Matters for consideration for the launch of an operational system in 2017

- Payment by applicants to PVP Offices
- Payment to cover the costs of the EAF
- Financial and Administrative Regulations and Rules to be approved by participating members
- New crops to be added to the EAF
- Tentative timetable for the launch of the EAF (end of 2016- beginning of 2017 ?)³⁵

[End of Annex and of document]