



CAJ/71/4 Add.
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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS
Geneva

ADMINISTRATIVE AND LEGAL COMMITTEE

Seventy-First Session
Geneva, March 26, 2015

ADDENDUM TO DOCUMENT CAJ/71/4

ELECTRONIC APPLICATION SYSTEMS

Document prepared by the Office of the Union

Disclaimer: this document does not represent UPOV policies or guidance

1. The Annex to this document contains a presentation made by the Office of the Union at the seventy-first session of the Administrative and Legal Committee (CAJ).

[Annex follows]

Electronic Application System Project

Report on developments

Document [CAJ/71/4](#)

Administrative and Legal Committee (CAJ/71)

March 26, 2015

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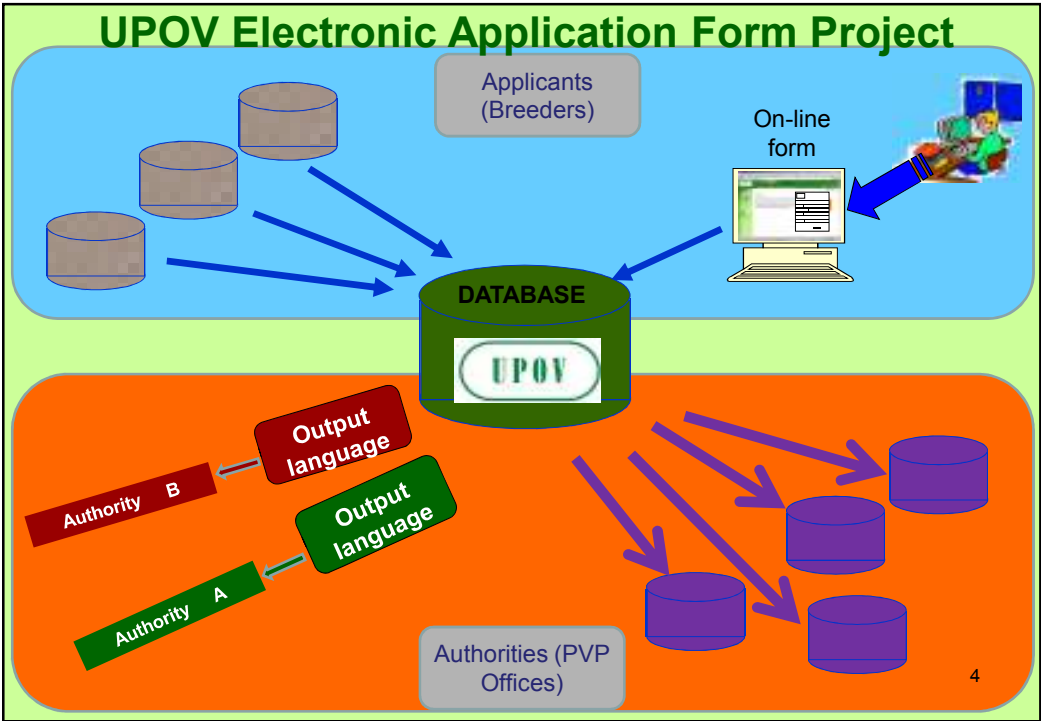
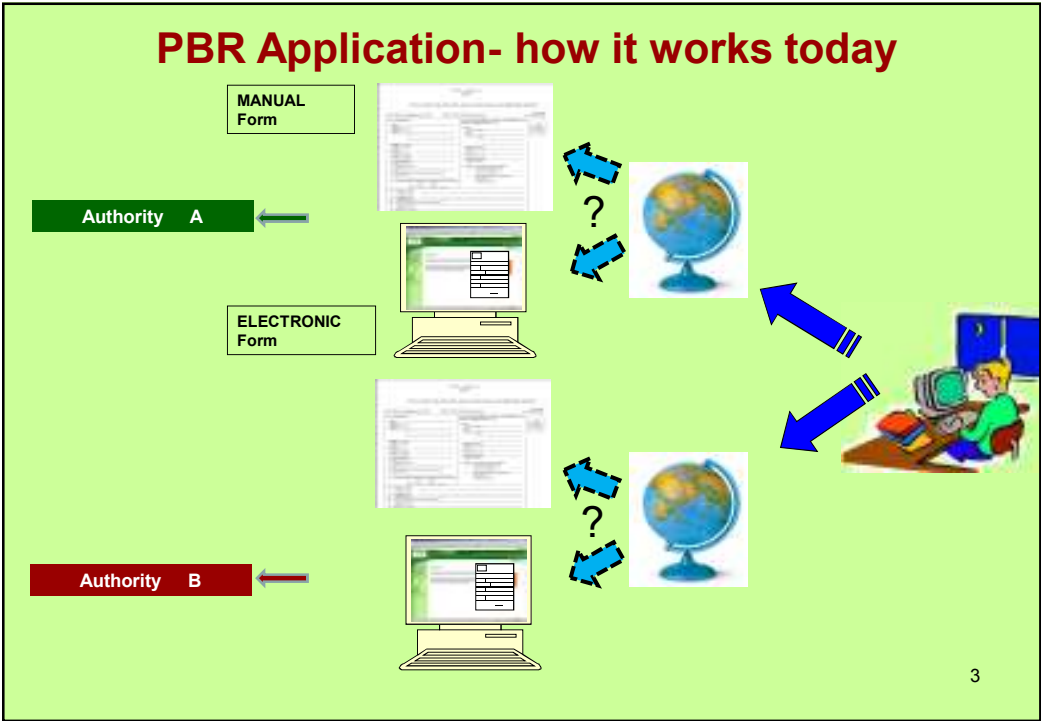
Background

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** 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

- Argentina
- Australia
- Brazil
- Canada
- Colombia
- Dominican Republic
- Ecuador
- European Union
- France
- Germany

- Japan
- Mexico
- Netherlands
- New Zealand
- Paraguay
- Republic of Korea
- Switzerland
- United States of America
- Viet Nam

Partners

- UPOV Office
- WIPO
- CPVO
- ISF
- CIOPORA

- (China)



Approx. 56% of the total applications within
UPOV members (66 % including China)
*See document C/48/7 "Plant Variety Protection Statistics for the
Period 2009-2013"*

Prototype Electronic Application System

Participating UPOV members



Target

Functioning Prototype by October 2015

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Data can be transferred from participating breeders to participating PVP Offices according to the specific information that they require for an application in the requested format

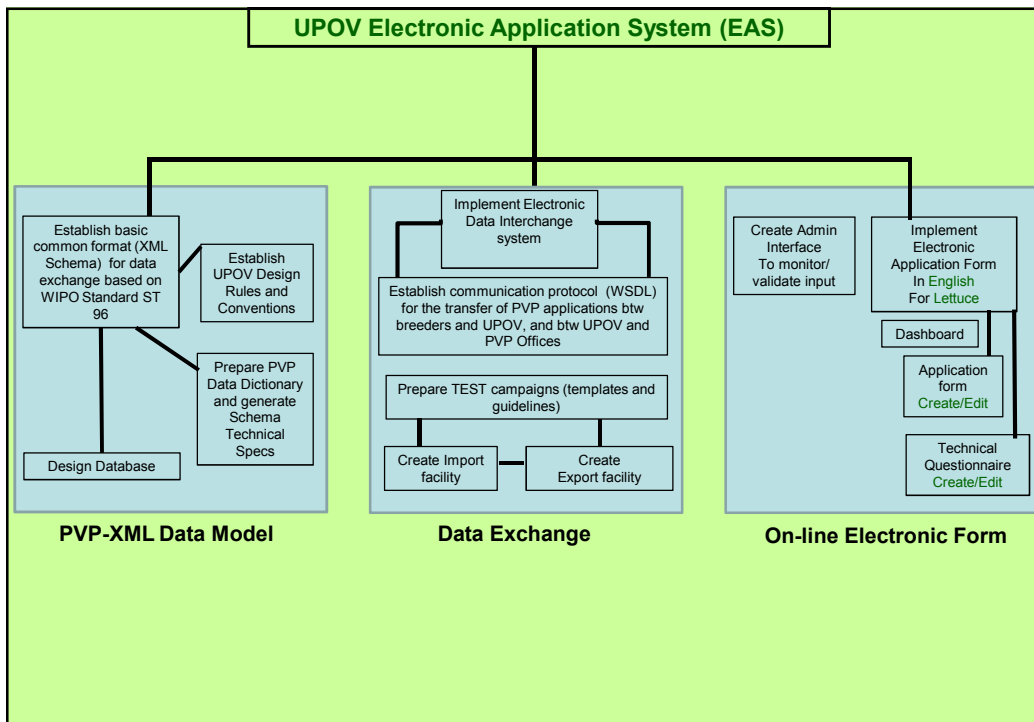
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Electronic Form

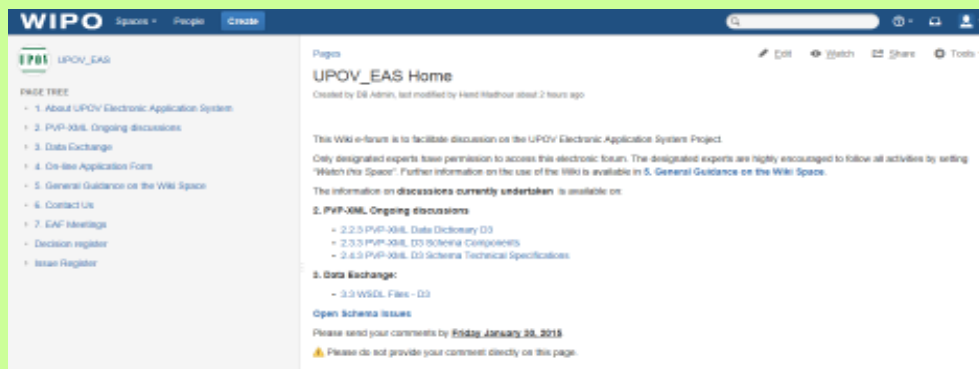
Agreement on the prototype V.1 (PV1)



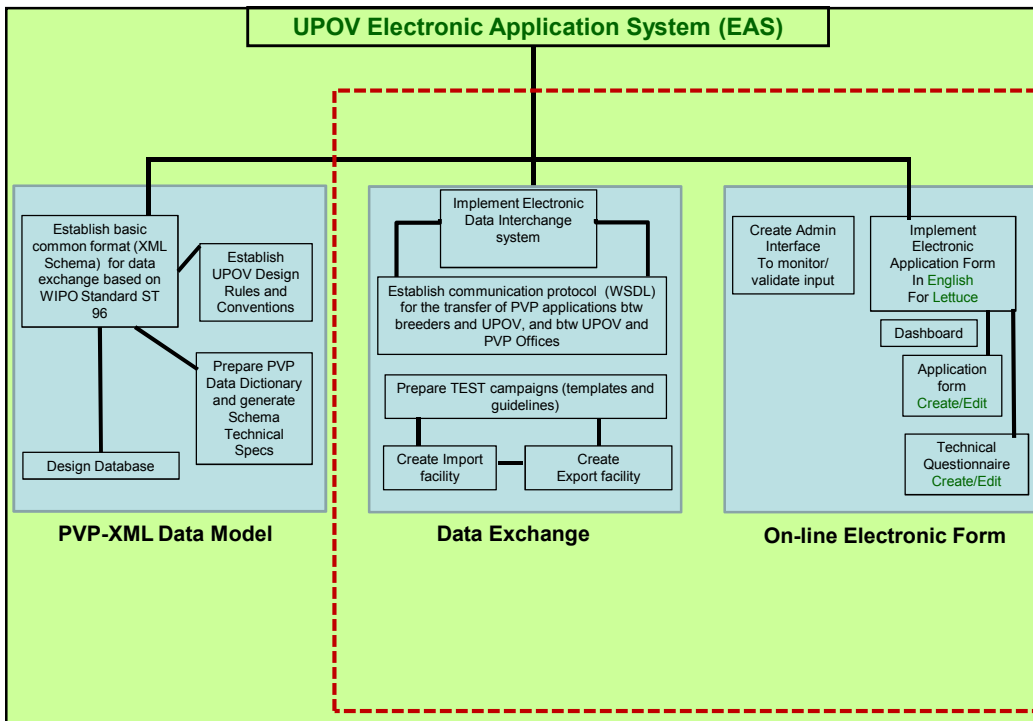
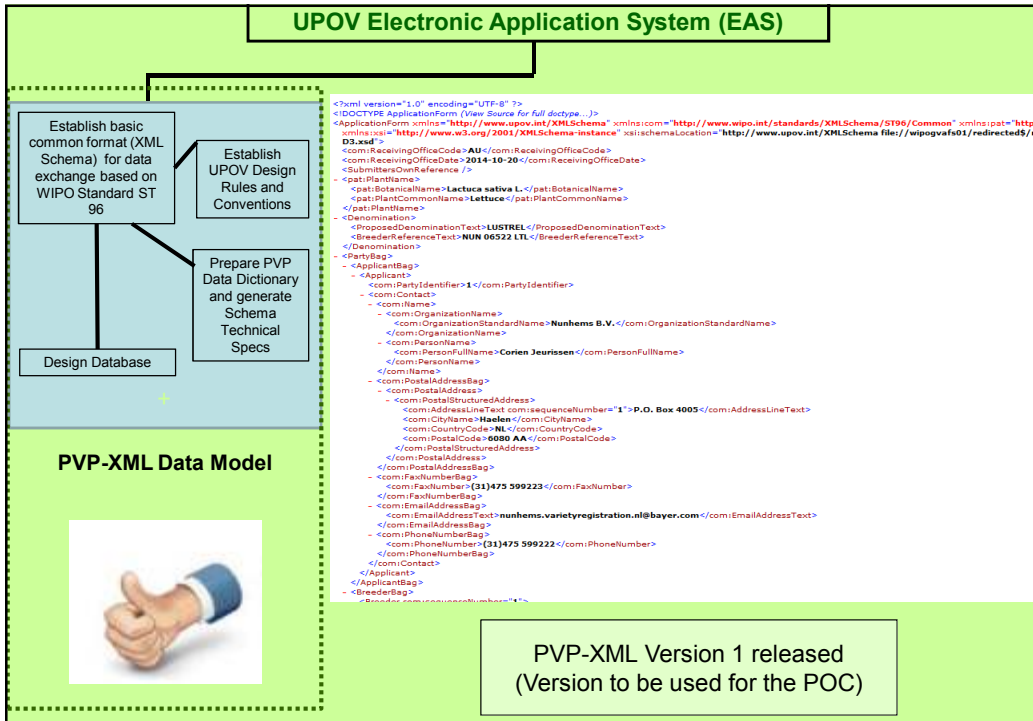
Included (PV1)	NOT included in V.1 (PV2)
In English only	Different languages
For lettuce only (one crop)	Payment authorization and user authentication
Forms for 10 authorities: AU, NL, BR, NZ, QZ, JP, VN, US, KR, CA	Possibility to introduce or modify questions (update of the form)
Complete a blank form or a prefilled form based on existing PBR application data uploaded using an agreed format (PVP -XML)	Some technical and legal aspects
Store the input data in an associated database in order to allow its reuse in other applications	Confidentiality of data
Dashboard: Edit/ View options	View Application in Word/Excel format
Administration interface	High availability of the system
Export of XML information to selected authorities based on: 6 Office specific schemas: AU, NL, QZ, JP, US, KR and the Generic schema	Interaction with existing and external systems (GENIE DB, WIPO Accounts)



Collaborative platform: UPOV_Wiki_EAS



& One-to-one meetings



Presentation of mock-up form

The screenshot displays the UPOV Electronic Application System interface. At the top, there is a header with the UPOV logo and the text 'Electronic Application System'. Below the header, there are two buttons: 'Start a new application' and 'Open application'. The main content area is titled 'Your Applications' and contains a table with the following columns: International Reference Number, Date of Submission, Crop, Variety Proposed Description, Variety Breeder's Reference, Authority, Status, and Action. The table lists three applications with reference numbers IL_302948000001, IL_302948000002, and IL_302948000002. A green arrow points from the table to a 'Settings' form. The 'Settings' form includes fields for 'Select Language' (set to 'en'), 'Select Crop/Species' (set to 'Lactuca sativa L.'), 'Select Authority' (set to 'AU'), 'Submitter's Own Reference' (an empty text field), and 'Upload Drawing Data (XML, ZIP)' (with a 'Browse...' button). At the bottom of the form are 'OK', 'Start', and 'Cancel' buttons.

International Reference Number	Date of Submission	Crop	Variety Proposed Description	Variety Breeder's Reference	Authority	Status	Action
IL_302948000001	4 Feb 2018	Lactuca	Salad-O	79-103 PZ	Australia	Submitted	View
IL_302948000002							
IL_302948000002							

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Two-letter code to represent UPOV

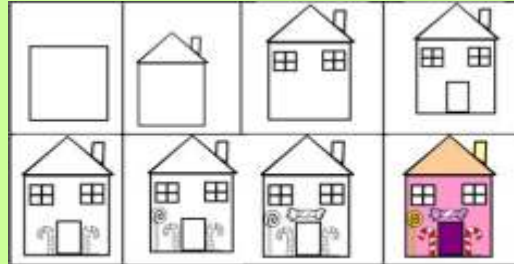
XU

within WIPO ST.3

“Recommended Standard on TwoLetter Codes for the Representation of States,
Other Entities and Intergovernmental Organizations”


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Development of a functioning prototype (PV1)



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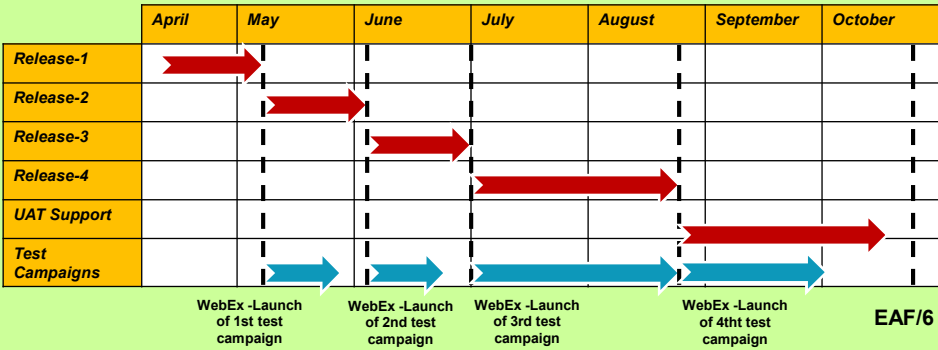
Milestone Release Contents – Tentative

- **Milestone Release 1** - Login , Create new application with export application data as XML. 
- **Milestone Release 2** – Create new application from existing XML data, Save , Submit new application , User feedback from MR1. 
- **Milestone Release 3** – Dashboard, Copy application I, User feedback from MR2. 
- **Milestone Release 4** – Copy application II, Edit Application, Remove Application, PDF View, User feedback from MR3 
- **Deployment** – Single server deployment for PV1 purpose with consideration of hosting solution in cloud. 

Fifth meeting on the prototype electronic form (EAF/5) held in Geneva on March 25, 2015



Tentative Timelines



EAF/6 - October 26, 2015

- Review prototype V.1 (PV1)
- Legal aspects: including
 - Payment modalities & authorization
 - Filing/Priority Date
 - Data Confidentiality
- Technical aspects: including
 - Payment authorization and user authentication
 - Electronic signature
 - High Availability
 - Interaction with external systems: GENIE /WIPO accounts
 - Maintenance and support
- Way forward

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October 2015

- Present PV1 to CAJ and CC (if agreed)
- Propose next steps to CAJ & CC

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Post- October 2015

- Other crops (see document CAJ/68/8 “Electronic application systems”)
 - Crops/species for the prototype would be:
 - Lettuce (*Lactuca sativa* L.);
 - Potato (*Solanum tuberosum* L.);
 - Rose (*Rosa* L.)
 - Apple (*Malus domestica* Borkh.)
- Explore further harmonization
- Launch

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Electronic Application System Project

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