

# Activity 7 Closed Workshop on UPOV 1991

## Operating the UPOV PVP System: UPOV e-PVP

Manabu Suzuki, Technical/Regional Officer for Asia, UPOV








December 5, 2023 (Jakarta, Indonesia) / December 7, 2023 (Bangkok, Thailand)



# Implementing the UPOV system

- **Guidance**
- **Resources**
  - UPOV e-PVP
  - UPOV PRISMA
  - PLUTO
  - GENIE
  - UPOV Lex

## Harmonization, Resources, Training & Assistance

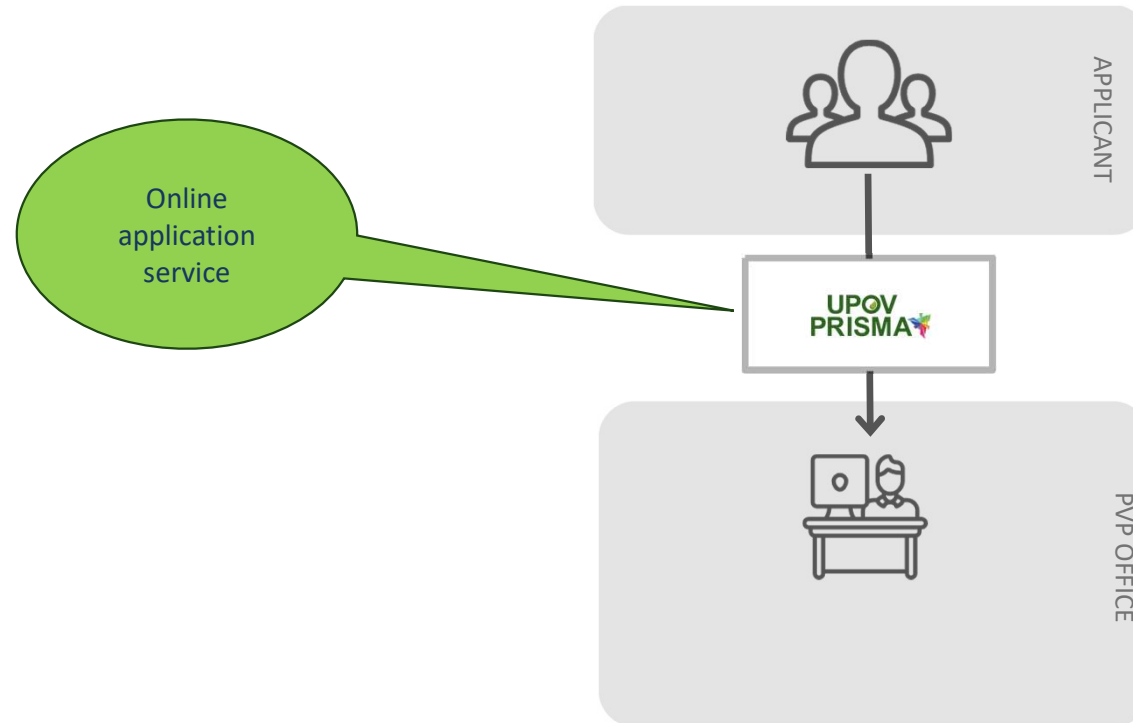
		Harmonization	Resources
<b>IMPLEMENTATION</b>	<b>PVP Law</b>	<ul style="list-style-type: none"> <li>• UPOV Convention</li> <li>• Explanatory Notes</li> </ul>	 UPOV Lex
	<b>PVP Office</b>	<ul style="list-style-type: none"> <li>• Guidance for Members of UPOV (INF/15)</li> </ul>	
	➤ Application	<ul style="list-style-type: none"> <li>• Model Application Form (TGP/5/Section/2)</li> </ul>	 UPOV PRISMA
	➤ Variety Denomination	<ul style="list-style-type: none"> <li>• Explanatory Notes on Variety Denominations (INF/12)</li> <li>• UPOV Code</li> </ul>	 PLUTO database
	➤ Novelty	<ul style="list-style-type: none"> <li>• Explanatory Notes on Novelty (EXN/NOV)</li> </ul>	
	➤ DUS	<ul style="list-style-type: none"> <li>• General Introduction</li> <li>• TGP Documents</li> <li>• Test Guidelines</li> <li>• Model Agreement (cooperation)</li> </ul>	 <b>TG Template</b>  GENIE Database  Exchangeable software
	➤ Publication	<ul style="list-style-type: none"> <li>• UPOV Model Plant Breeders' Rights Publication (INF/5)</li> </ul>	 PLUTO database

**e-PVP digitalization initiative**  
 to provide UPOV members a system that is comparable to the most efficient PVP administration systems

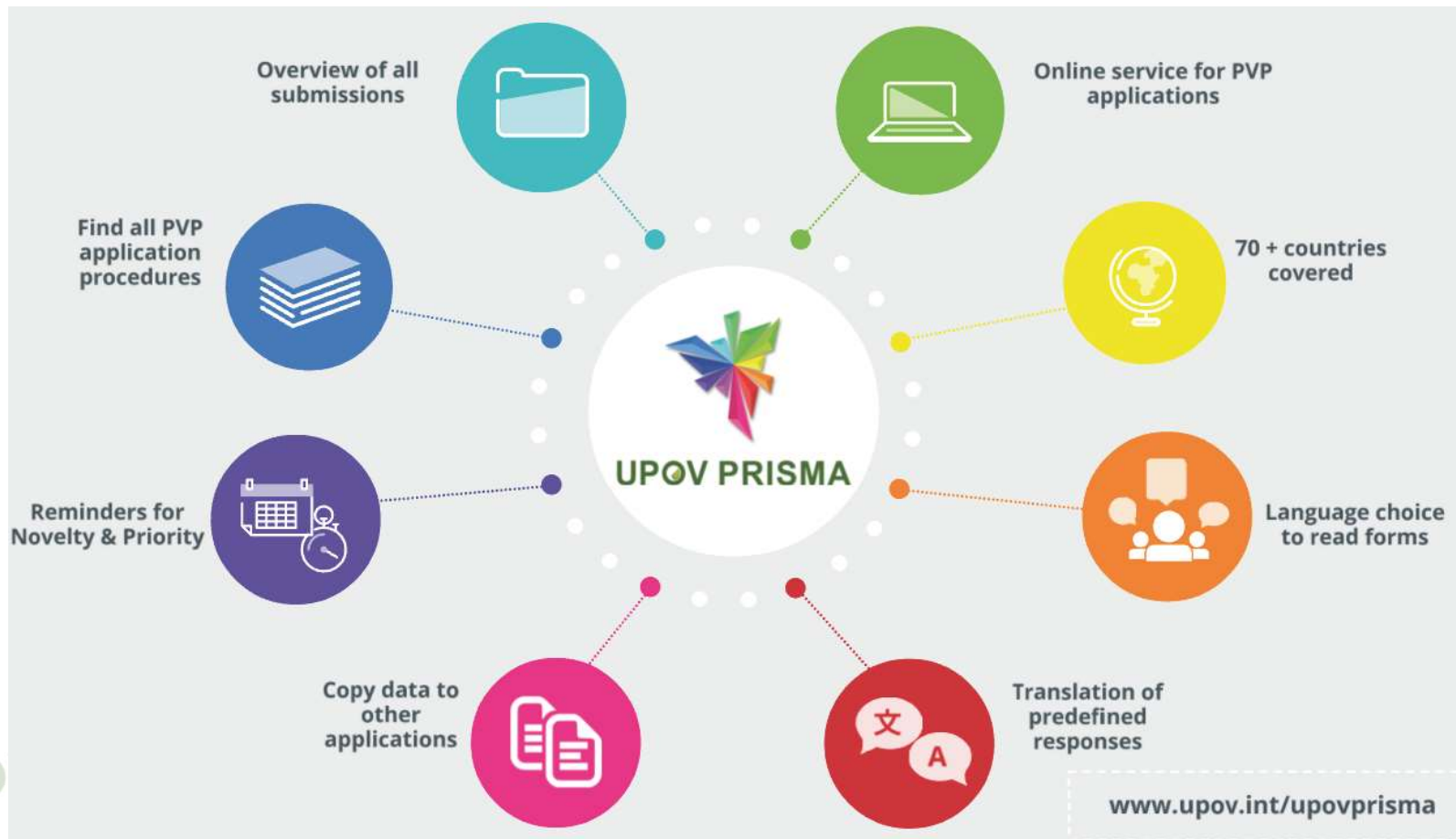
# Implementing the UPOV system

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# UPOV e-PVP



# UPOV PRISMA



# UPOV PRISMA

## Current Coverage



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

**36 UPOV  
members**

**75  
countries**

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

African Intellectual Property Organization (OAPI)

Argentina

Australia

Bolivia (Plurinational State of)

Canada

Chile

China

Colombia

Costa Rica

Dominican Republic

Ecuador

European Union (CPVO)

France

Georgia

Kenya

Mexico

Morocco

Netherlands

New Zealand

Norway

Paraguay

Peru

Republic of Moldova

Republic of Korea

Serbia

South Africa

Sweden

Switzerland

Trinidad and Tobago

Tunisia

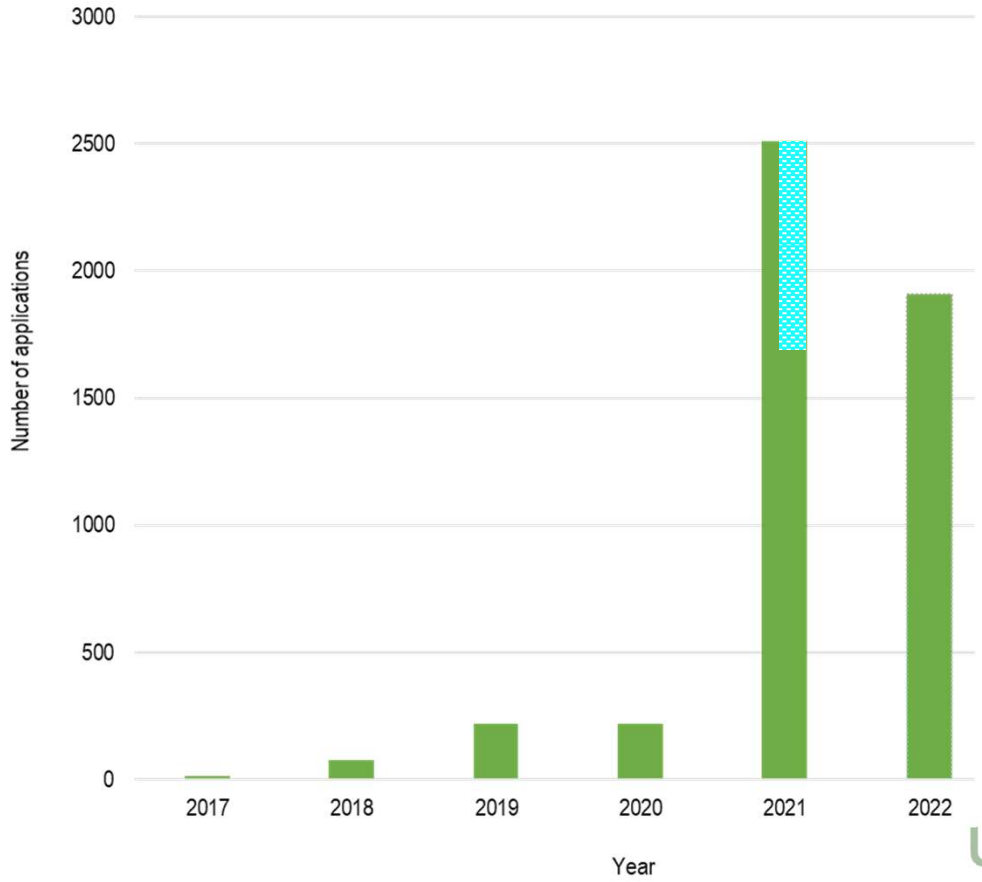
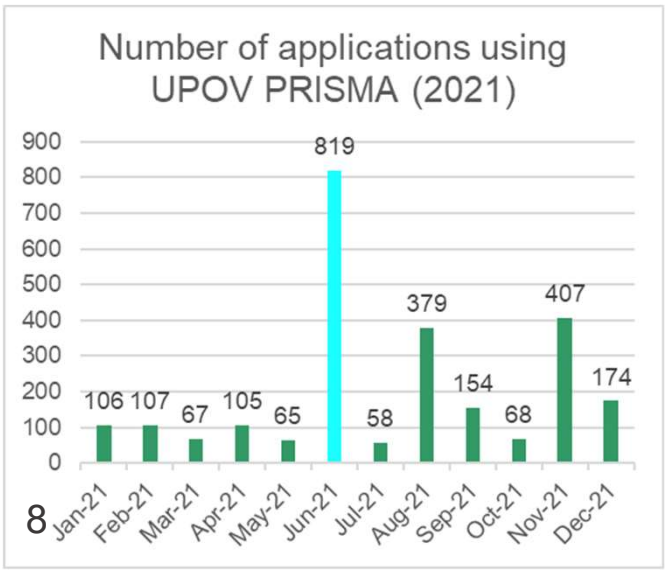
Turkey

United Kingdom

United States of America

Uruguay

# Number of applications using **UPOV PRISMA**







# How to start a NEW application

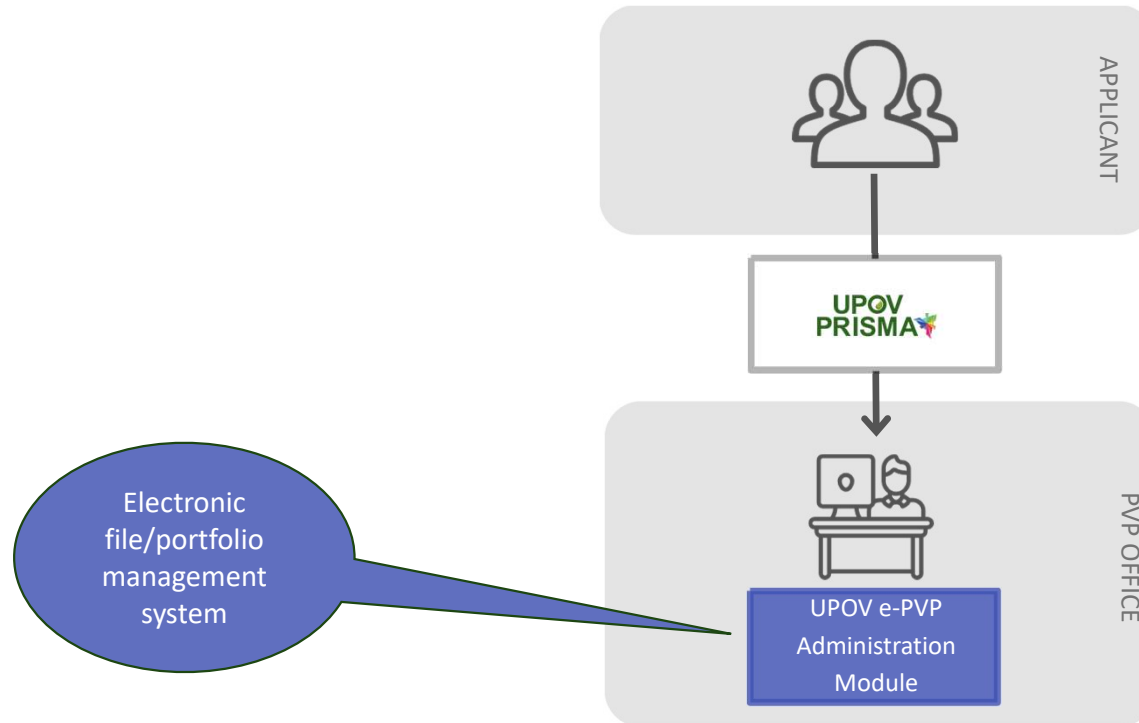
1. Select Crop/Species
2. Select UPOV member
3. Select language

This screenshot shows the "New Application Settings" page in the UPOV PRISMA portal. The page has a dark header with "WIPO IP PORTAL" and "UPOV PRISMA" on the left, and "HELP", "U000032-HEND MADHOUR", and "WIPO" on the right. Below the header is a navigation bar with "UPOV PRISMA", "Applications", "Edit User profile", and "Manage user role". The main content area is titled "New Application Settings" and includes a "Go Back" button. The form contains four sections: 1. "Select Crop/Species" with radio buttons for "Crop/species with previous applications" and "Search all crop/species", and input fields for "Rose", "Rosa L.", and "Rose". 2. "Select Authority" with a dropdown menu set to "KENYA" and a "Submitter's Own Reference" field. 3. "Select Language for answers" with dropdown menus for "Application Form" (set to "English") and "Technical Questionnaire" (set to "English"). 4. "Upload Existing Data (ZIP)" with a "Browse" button and a "Cancel" button. A large green arrow points from the "Start" button at the bottom right of this form to the next screenshot.

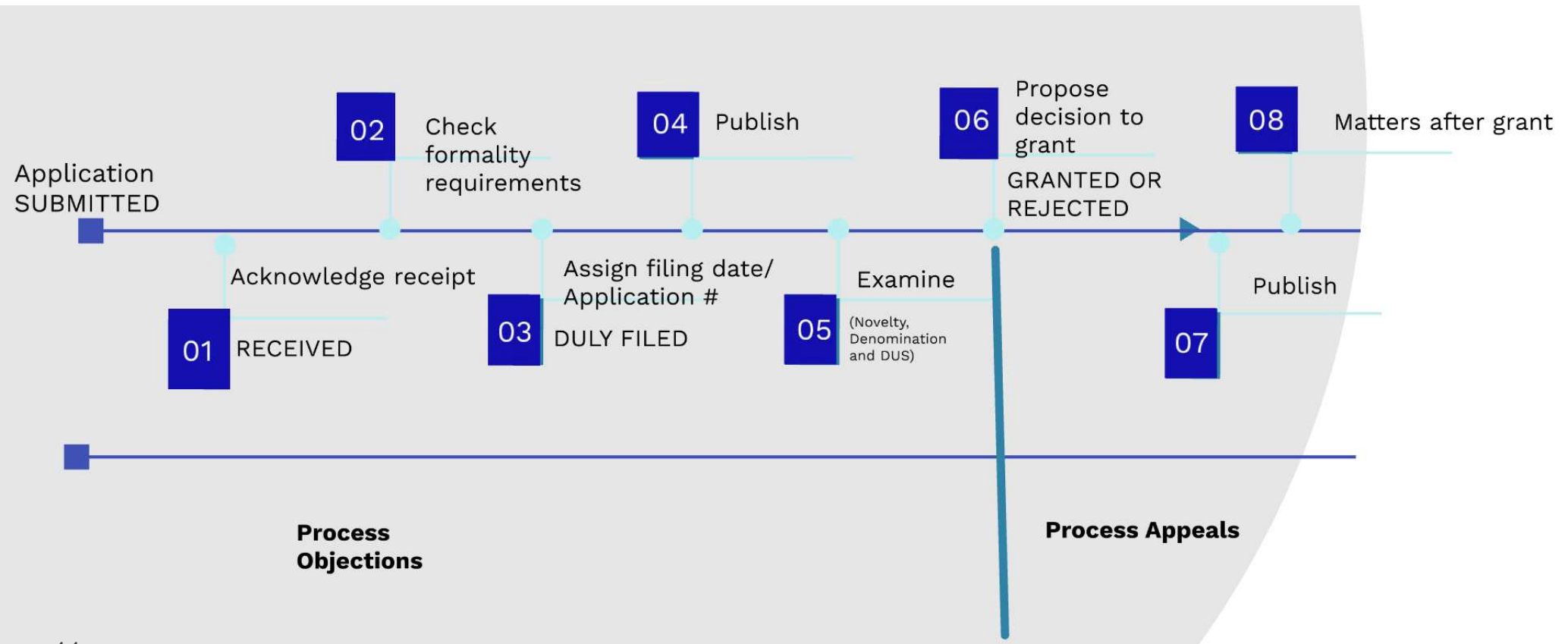
4. Complete the form
5. Submit

This screenshot shows the application form completion screen. At the top, it displays the selected settings: "Authority: KENYA", "Crop/Species: Rosa L.", "Language for answers: English", "Proposed Variety Denomination: Own reference", and "Breeder's Variety Reference: DEMO ROSE". A "Go Back" button is in the top right. The main area is a list of form sections, each with a progress indicator: 1. Application Form (sub-sections: APPLICANTS, BREEDER(S), DENOMINATION, OTHER APPLICATIONS, PRIORITY CLAIM, NOVELTY), 2. Technical Questionnaire (sub-sections: BREEDING SCHEME, VARIETY CHARACTERISTICS, VARIETY COMPARISON, PLANT MATERIAL INFORMATION, ADDITIONAL INFORMATION), and 3. Declaration And Signature (sub-sections: DECLARATION AND SIGNATURE, ATTACHMENTS). At the bottom, there are buttons for "Export", "Save", "Submit", and "Cancel".

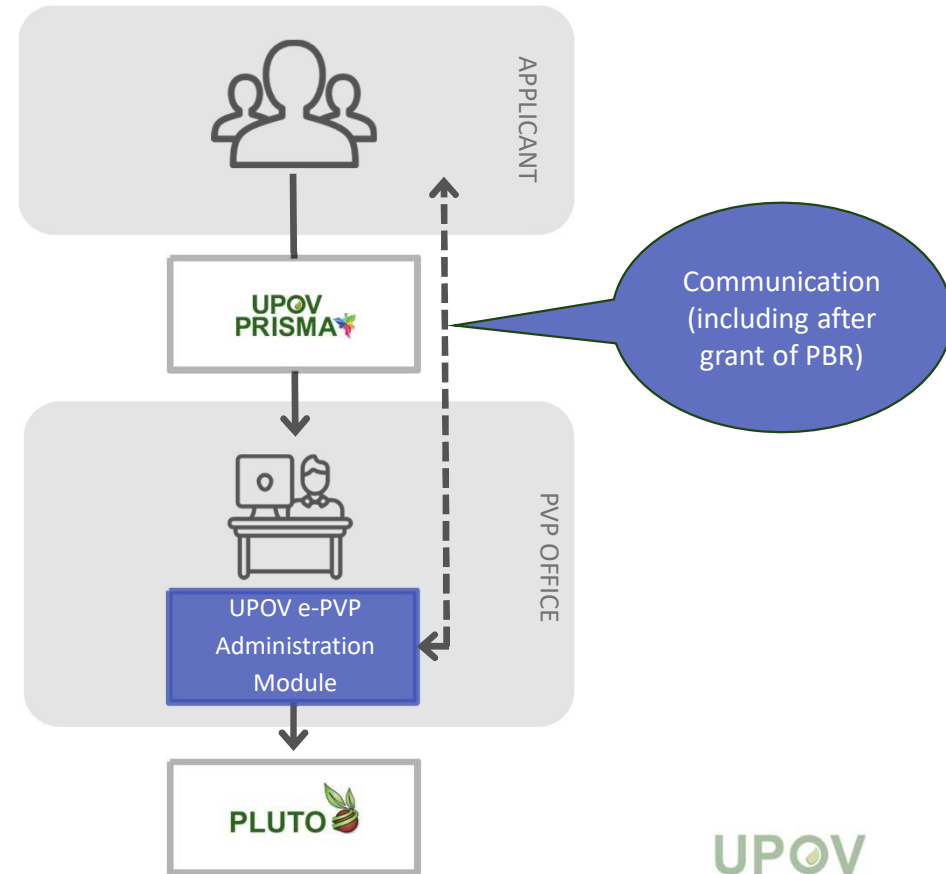
# UPOV e-PVP



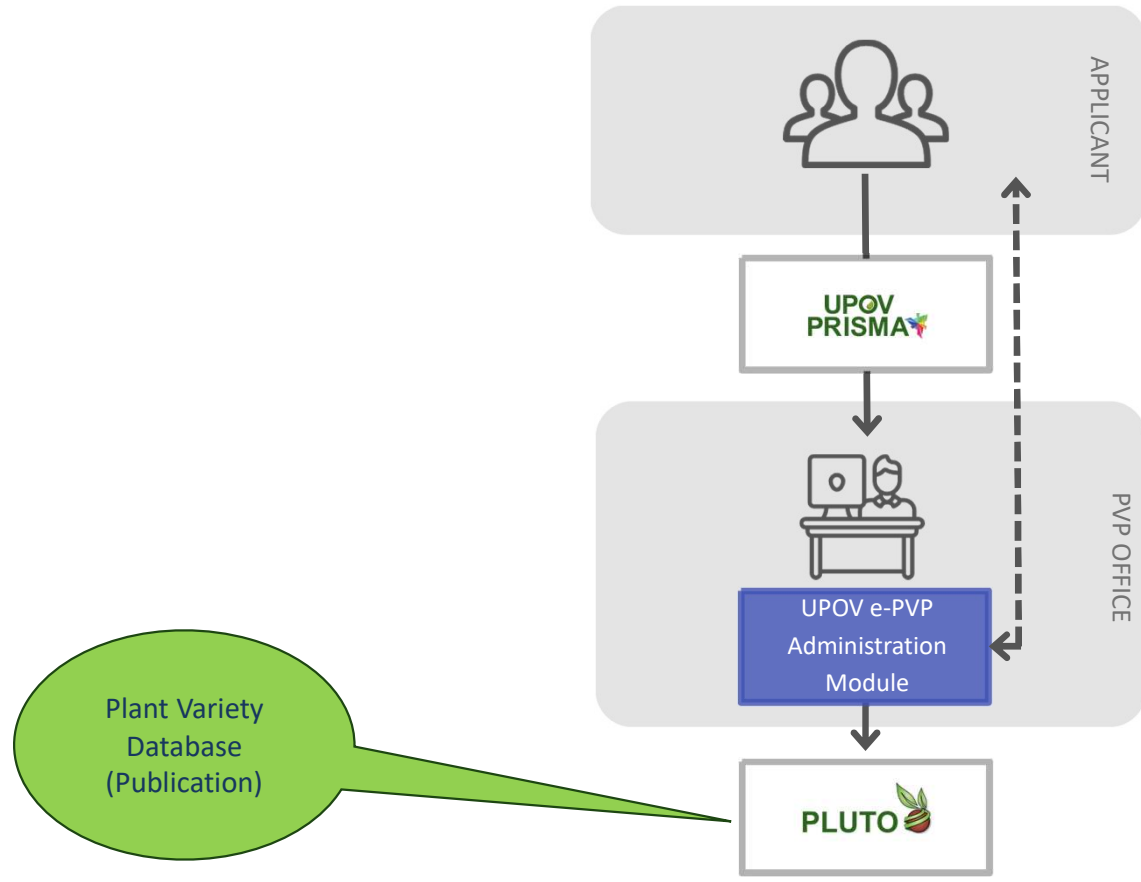
# UPOV e-PVP Administration Module



# UPOV e-PVP

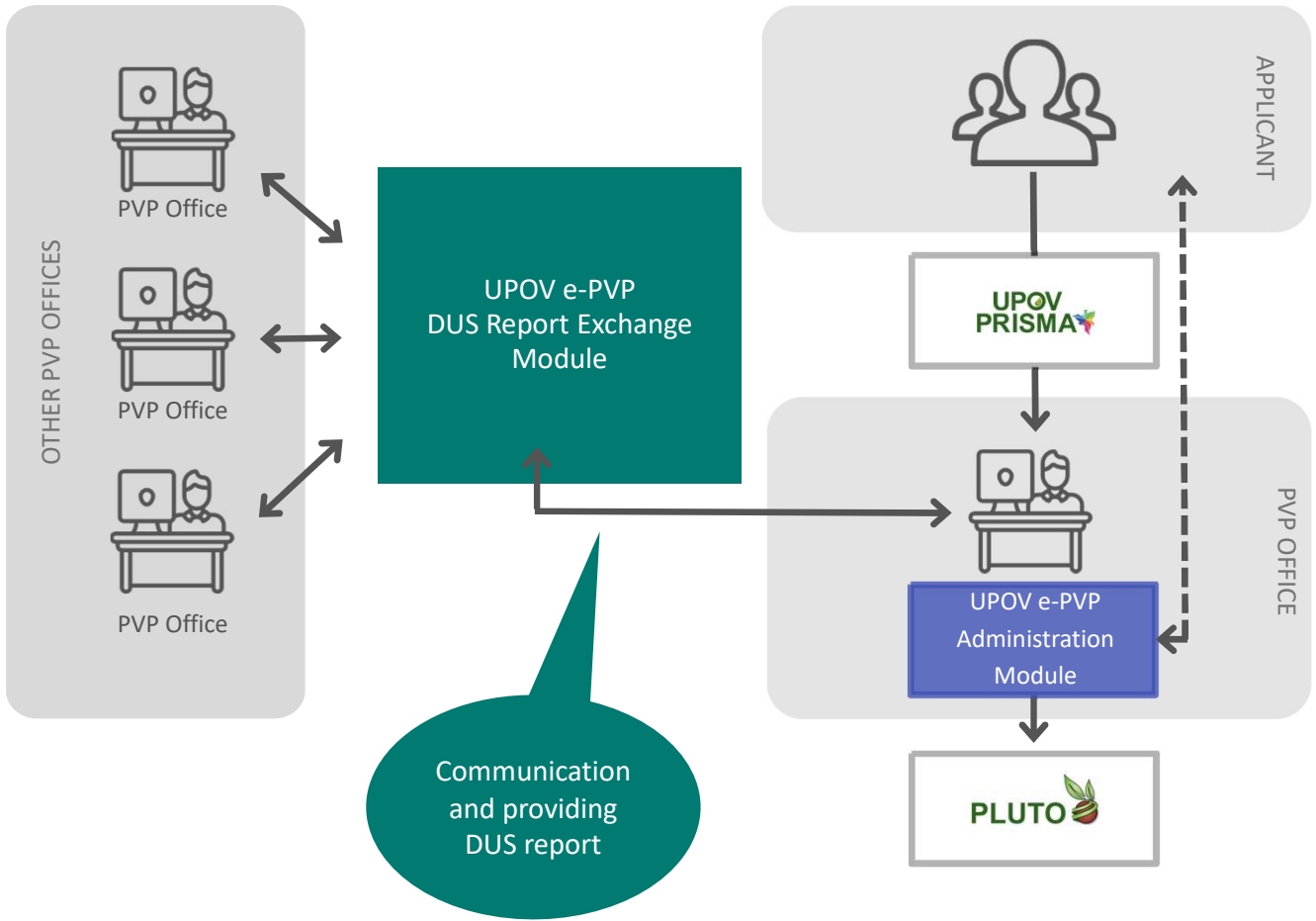


# UPOV e-PVP



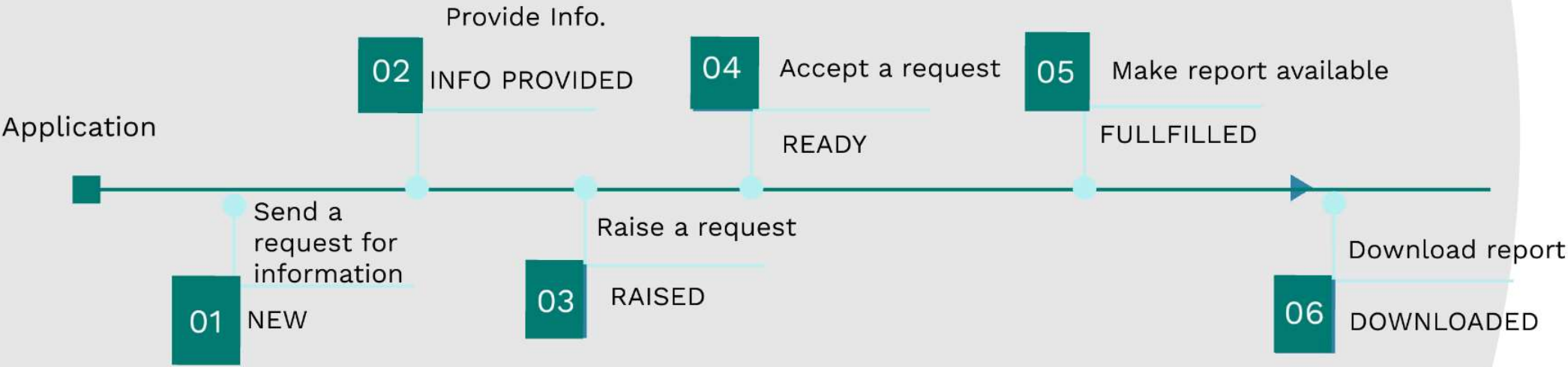
UPOV

# UPOV e-PVP



# UPOV e-PVP DUS Exchange Module

Providing PVP Office



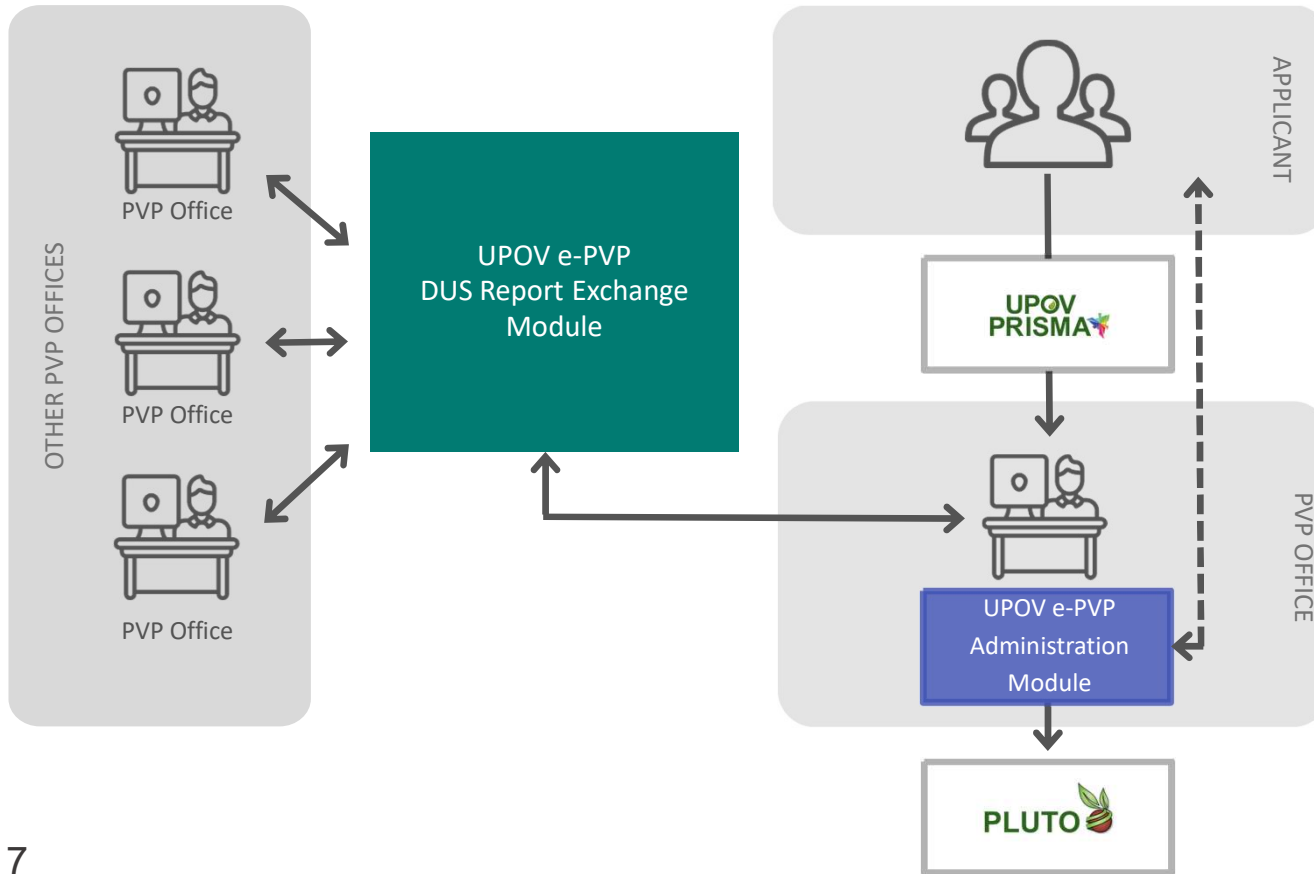
Requesting PVP Office

## UPOV e-PVP : Package of compatible IT components

- UPOV e-PVP provides the following components to assist UPOV members in implementing the UPOV system of plant variety protection:
  - UPOV PRISMA: online application tool for **making applications** to PVP Offices
  - UPOV e-PVP Administration Module: digitalized system for PVP offices to **manage applications and grants, communicate** with applicants and holders, **publish** information and **transmit** data to the **PLUTO** Database
  - UPOV e-PVP DUS Report Exchange Module: platform for PVP offices to **exchange DUS reports**
  - PLUTO database: information on plant varieties
- Some or all of the components of which can be used by members of the Union, as considered appropriate



# UPOV e-PVP



Launch of UPOV e-PVP  
September 28, 2023  
Viet Nam

# Benefits of UPOV e-PVP for PVP offices

- All UPOV members can have an efficient PVP administrative system:
  - Online application tool (= UPOV PRISMA)
  - Electronic file/portfolio management system
  - Communication tool with applicants
  - Automated, electronic transfer of data to PLUTO database
  - DUS report exchange platform
- Secure environment to international standards
- Maintenance by UPOV Office
- Minimal costs: only costs to PVP Office are cloud data storage (if standard modules)

➤ **More applications for new varieties = more improved varieties for farmers**

# Launch of UPOV e-PVP in Viet Nam (September 28, 2023)








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## Harmonization, Resources, Training & Assistance

		Harmonization	Resources
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# Term search results

6 items selected applications Refresh **5**

Save Search Criteria Upload existing search criteria Print Results Download

**4** **1** Total Records :: 926264 **28 columns selected** **2**

	UPOV Code ↑↓	Authority ↑↓	Type ↑↓	Common Name ↑↓	App. No ↑↓	Grant Pub Date ↑↓	App. Date ↑↓	Grant Date ↑↓
<b>3</b>	BETAA_VUL_GVS	DE	NLI		DE_ZR 01902_NLI		2006-12-27	
	HORDE_VUL	DE	NLI		DE_GW 03578_NLI		2014-08-14	
	HORDE_VUL	DE	NLI		DE_GW 02912_NLI		2008-08-13	

App. No ↑↓	Type ↑↓	UPOV Code ↑↓	Authority ↑↓	Grant Pub Date ↑↓	App. Date ↑↓	Grant Date ↑↓	Breeders Reference ↑↓
DE_ZR 01902_NLI	NLI	BETAA_VUL_GVS	DE		2006-12-27		7 K 92
<p>Variety Identifier: DE_ZR 01902_NLI   Variety denomination class: CLASS 2.1   Denominations: +</p> <p>Date:   Denomination:   Status:   Publication Date:   Item Tags:</p> <p>Denomination Synonym:   End Date: 2007-01-10   End Type: WDR   Expiration Date:   Figure:   Grant No:   Image Identifier:   Remarks:   Botanical Name: <b>Beta vulgaris L. ssp. vulgaris var. saccharifera Alef.</b></p> <p>Trade Name:   Submission Date: 2021-08-03   Parties Concerned: KWS  KWS SAAT SE - Applicant, KWS  KWS SAAT SE - Breeder   Commercialization:   Equivalent Applications:</p>							

## Denomination search

The screenshot shows a web interface for a denomination search. At the top right, there are two tabs: 'Term Search' and 'Denomination Search', with the latter highlighted by a red box. Below the tabs is a search form with several fields and options. A red circle with the number '1' points to the 'Enter UPOV Code/Botanical name or common name' field, which contains 'MALUS\_DOM'. A red circle with the number '2' points to the 'Breeder's Reference' field. A red circle with the number '3' points to the 'Denomination' field. A red circle with the number '4' points to the 'Search options' section, which includes radio buttons for 'Exact match', 'Extend to upper level', 'Extend to lower levels', 'Same denomination class', 'Contains', 'Fuzzy', 'Starts', 'Ends', 'Phonetics', and 'Similarity Factor' (which is selected). At the bottom right, there are buttons for 'Upload existing search criteria', 'Search', and 'Reset'.

Enter UPOV Code/Botanical name or common name	Upov Code	Botanical Name	Common Name	Breeder's Reference	Denomination
MALUS_DOM	MALUS_DOM	Malus domestica Borkh.	Apple		

Search options

Exact match  Extend to upper level  Extend to lower levels  Same denomination class

Contains  Fuzzy  Starts  Ends  Phonetics  Similarity Factor

Upload existing search criteria Search Reset

1. UPOV code, Botanical name or common name
2. Breeder's reference
3. Denomination you wish to analyze
4. Select the type of comparison to perform (Similarity factor, Fuzzy, Contain etc.)

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## GENIE DATABASE

GENIE Database

- GENIE Database
- List of Crop / Species
- List of Authorities
- Standard Reports
- UPOV Code System
- UPOV Code Reports and Changes
- Plant Variety Database

## GENIE Database



Simple Search

Multiple Search Report

Search  
Crop /  
Species:

- ALL
- Botanical Name
- Common Name in English
- Common Name in French
- Common Name in Spanish
- Common Name in German

search

UPOV  
Code:

search







Search  
Authority  
(by Name):

by 2-letter ISO Code:

search



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Rosa L. (ROSAA)



## DUS Guidance and Cooperation

Names & Denomination Class

Protection

DUS Guidance and Cooperation

### Cooperation in DUS Examination (key to **abbreviations**)

- [Authorities with Practical Experience](#)
- [Agreements for Cooperation in DUS Examination](#)
- [Utilization of Existing DUS Reports](#)
- Authorities which have granted variety protection: please refer to the [UPOV-ROM Plant Variety Database](#)

## Example: Rose (specific)

AGREEMENTS FOR COOPERATION IN EXAMINATION	
<u>2</u> Offering authority/ examination office	<u>3</u> Authorities receiving examination reports
DE	AT BR DK FR QZ SE
GB	AT BE QZ
LV	QZ
NL	AR BR MX QZ SE
QZ	AR JP

UTILIZATION OF EXISTING DUS REPORTS	
<u>4</u> Utilizing authority	<u>5</u> Providing authority/ examination office**
BR	EC KR QZ
CN	DE FR QZ
CO	KR
DE	GB
EC	CO DE FR QZ
GB	DE
IE	GB
KE	DE FR QZ
MX	FR NL QZ
NL	DE
NL	GB
QZ	DE{16} {32} GB{32} LV{47}
RU	QZ

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## UPOV LEX

Plant Variety Protection Laws

Convention Notifications

UPOV Convention

Search

[HOME](#) » [PVP DATA & STATISTICS](#) » [UPOV LEX](#) »

## UPOV Lex

UPOV Lex contains the legislation of members of the Union that has been notified in accordance with the UPOV Convention, the UPO (e.g. accessions, ratifications) and the text of the UPOV Convention and its Acts.

Legislation

Convention Notifications

UPOV Convention

Genera and Species Notifications

Full Text Search

- [UPOV Notified Laws](#)
- Other related laws are available in [WIPO Lex](#)

## UPOV Notified Laws

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [R](#) [S](#) [T](#) [U](#) [V](#)

73 entries found.

### A

- [African Intellectual Property Organization \(1\)](#)
- [Albania \(1\)](#)
- [Argentina \(1\)](#)
- [Australia \(3\)](#)
- [Austria \(1\)](#)
- [Azerbaijan \(1\)](#)

Bookmarks

- > Chapter 1 General provisions
- > Chapter 1a Protection of varieties
- > Chapter 2 Organization and procedure
- > Chapter 3 Civil law protection
- > Chapter 4 Criminal law protection
- > Chapter 5 Final provisions

No. 102 - DECEMBER 2008



### SWITZERLAND

#### FEDERAL LAW ON THE PROTECTION OF PLANT VARIETIES No. 232.16 of March 20, 1975 (status as of September 1, 2008)\*

*The Federal Assembly of the Swiss Confederation,*  
In view of Art. 64 and 64 A of the Constitution<sup>1,2</sup>

In view of the message of the Federal Council dated  
May 15, 1974,<sup>3</sup>

a. it is predominantly derived from the initial variety,  
or from a variety that is itself predominantly  
derived from the initial variety;

b. it is clearly distinguishable from the initial variety;



**THANK YOU**

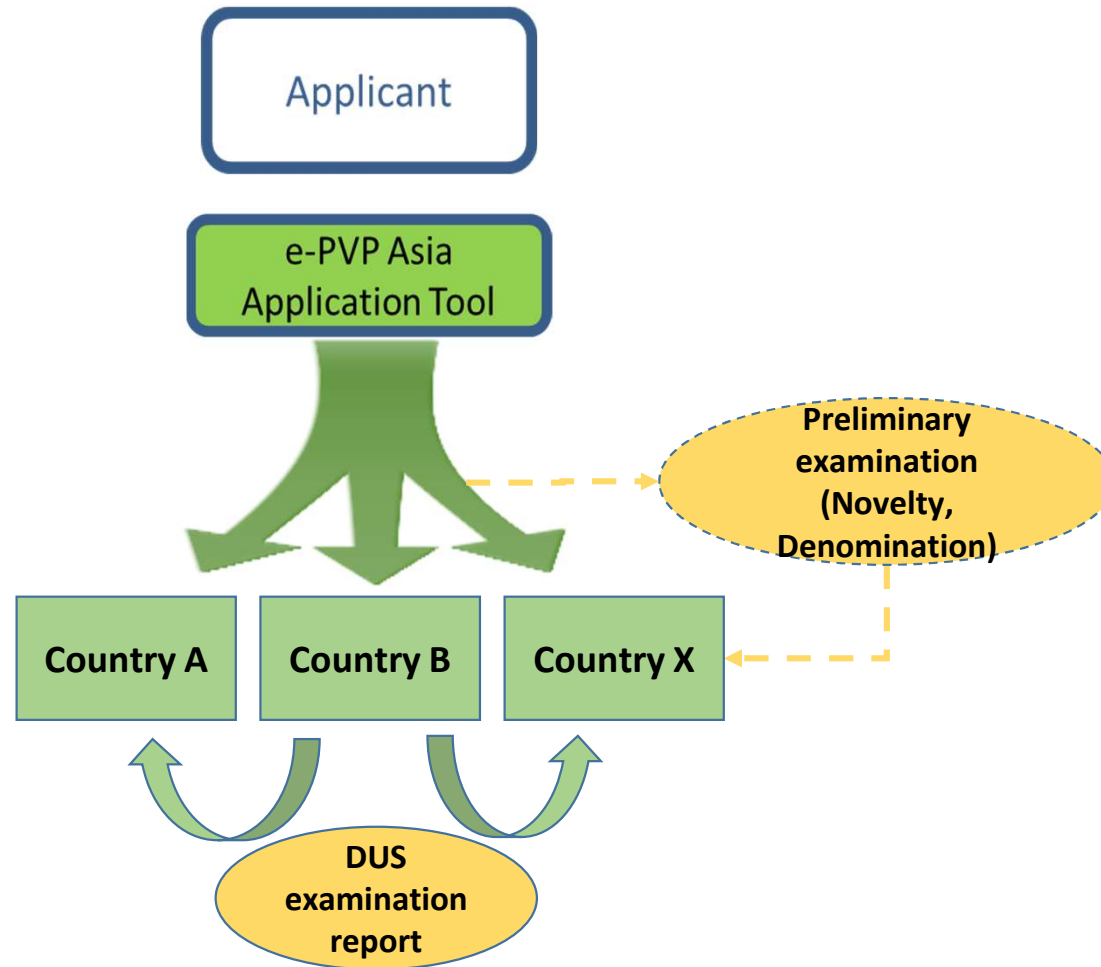
UPOV

# UPOV e-PVP

UPOV e-PVP also provides the basis for platforms for UPOV member [cooperation](#) in the administration and examination of applications.



## e-PVP Asia (EAPVP Forum Pilot Project)



## e-PVP Asia: Benefits for applicants

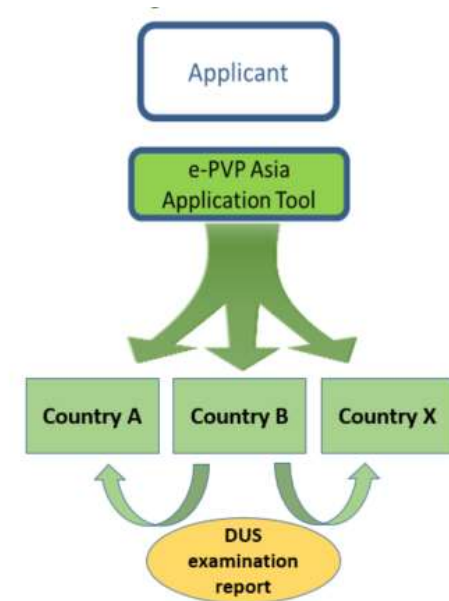
### (1) Efficient applications in multiple UPOV members in Asia

A single online combined Application Form (**e-PVP Asia Application Tool**)

- Easy to apply in **multiple UPOV members in Asia**
- **Save time and costs**

### (2) Enhance cooperation in DUS examination

**Save time and costs by efficient use of DUS test reports and enhance cooperation in DUS examination according to the e-PVP Asia arrangements**



## **e-PVP Asia: Benefits for participating countries**

**Enhance DUS cooperation among PVP Offices of participating countries** to address capacity gaps in DUS examination (e.g. human resources, infrastructure, agro-climatic conditions for growing trials)

**To provide protection to all plant genera and species** in an efficient way

**Increase the number of PVP applications** in participating countries as a result of an efficient application procedure.