

# Report of the EAPVP PILOT PROJECT

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# Overview of EAPVP Pilot Project

## ✓ Launch the Pilot Project (PP)

- Proposed by Japan and Viet Nam
- Adopted at the 11<sup>th</sup> Annual Meeting of East Asia Plant Variety Protection Forum (EAPVPPF) in 2018

## ✓ Purpose of the PP

To achieve the 10-year strategy plan of EAPVPPF adopted at its 11<sup>th</sup> Annual Meeting in 2018

# UPOV status in EAPVP Forum countries



*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*

## EAPVP Forum (Established in 2007)

= **ASEAN Member States (10)**, China, Japan and Republic of Korea

- **Members of UPOV:**  
China (CN), Japan (JP), Republic of Korea (KR), **Singapore (SG), Viet Nam (VN)**
- **Initiating States:**  
**Brunei Darussalam (BN), Malaysia (MY), Myanmar (MM), Philippines (PH)**
- **States in contact with the UPOV Office:**  
**Cambodia (KH), Indonesia (ID), Lao People's Democratic Republic (LA), Thailand (TH)**

**Positive decisions on conformity with the 1991 Act of the UPOV Convention**

# 10-year Strategic Plan

(adopted at the 11<sup>th</sup> EAPVPF annual meeting)

## Long-term Direction

*Establish **effective PVP systems** consistent with the UPOV Convention among Forum members towards achieving all Forum members' membership of UPOV, as a basis for **further PVP harmonization** and **cooperation in the region** in order to contribute to developing sustainable agriculture and achieving food security*

### **Objective 1:**

*Strengthen national PVP system consistent with the UPOV Convention to encourage investment in plant breeding*

### **Objective 2:**

*Contribute to support achievement of UPOV membership, to facilitate harmonization of application and examination procedures, and to enhance efficient PVP cooperation in the region*

# Overview of EAPVP Pilot Project

## ✓ Pilot Project participating countries

- **Participating countries:** Japan and Viet Nam  
*(UPOV member countries of the EAPVP Forum members wish to join the PP)*
- **Provisional participating countries:** Brunei Darussalam, Malaysia, Myanmar  
*(EAPVPF countries which have initiated the procedure to become a UPOV member)*
- **Resource partner:** UPOV Office

## ✓ Timeline of the PP

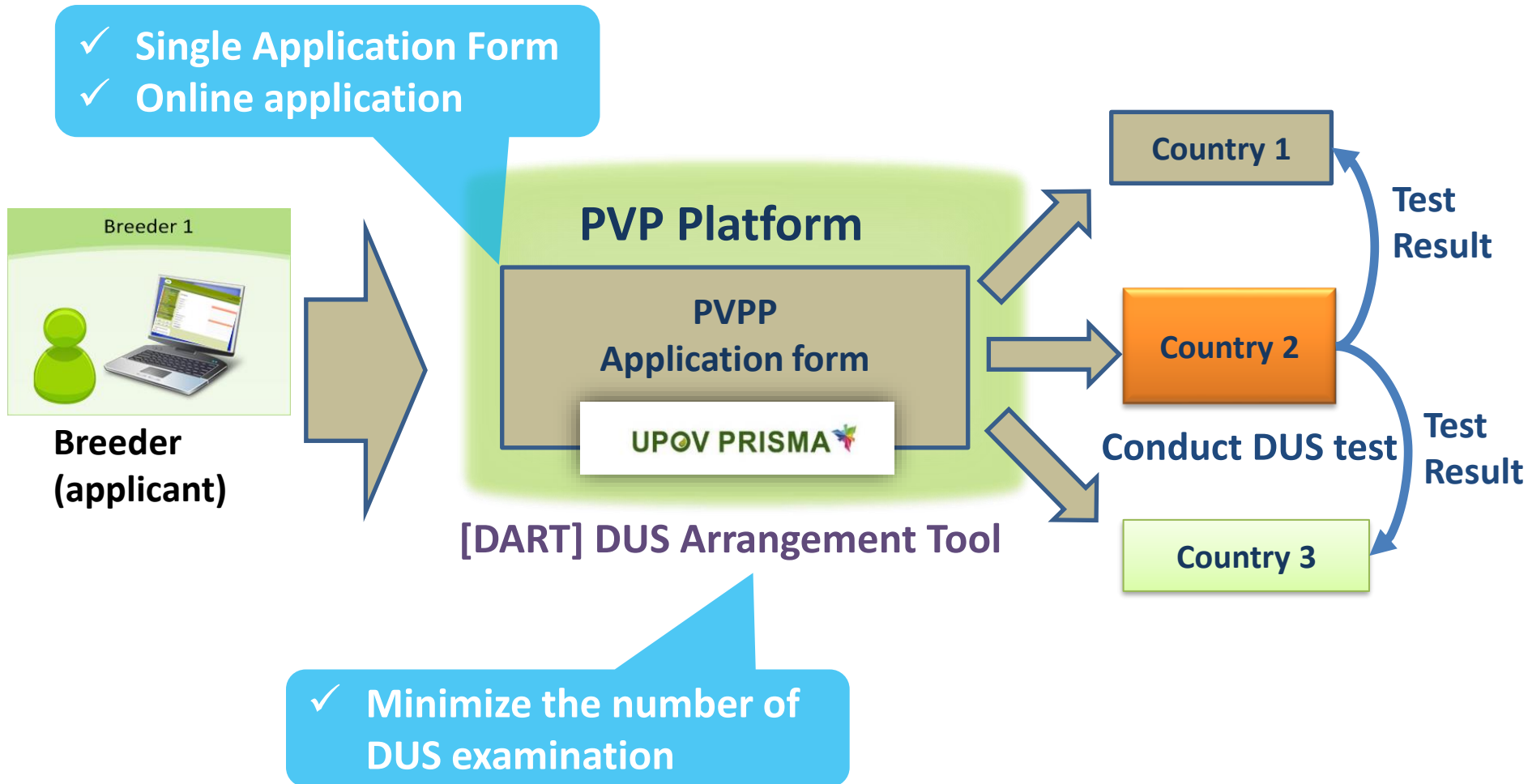
**Phase 1 (2018 – 2021):** Develop and test a model platform

**Phase 2 (2022 – 2023):** Operational (Officially receive applications)

*Participating countries to enjoy the benefits of the outcomes of the PP*

# ✓ Output of the PP (PVPP)

To establish a PVP Platform under the EAPVP Forum



Participating countries: JP, VN, (BN, MM, MY)

# ✓ **BENEFITS OF THE PILOT PROJECT**

## **For breeders/agents:**

- ✓ **A single online platform** for submitting application data and Enhanced **cooperation in DUS examination**
  - **Easy to apply** to participating countries
  - **Save time and costs** for application/examination (minimizing number of DUS examinations)
- ✓ A functionality of “**DUS arrangement tool**” (**DART**) enables applicants to arrange DUS examinations in the most efficient way



# ✓ **BENEFITS OF THE PILOT PROJECT**

## **For PP participating countries:**

- **Provided with an online application system and electronic application management system**
- **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)
- **Assist new UPOV members** to provide protection to **all plant genera and species** in an efficient way; and
- **Increase the number of PVP applications** in participating countries as a result of efficient application and examination procedures.

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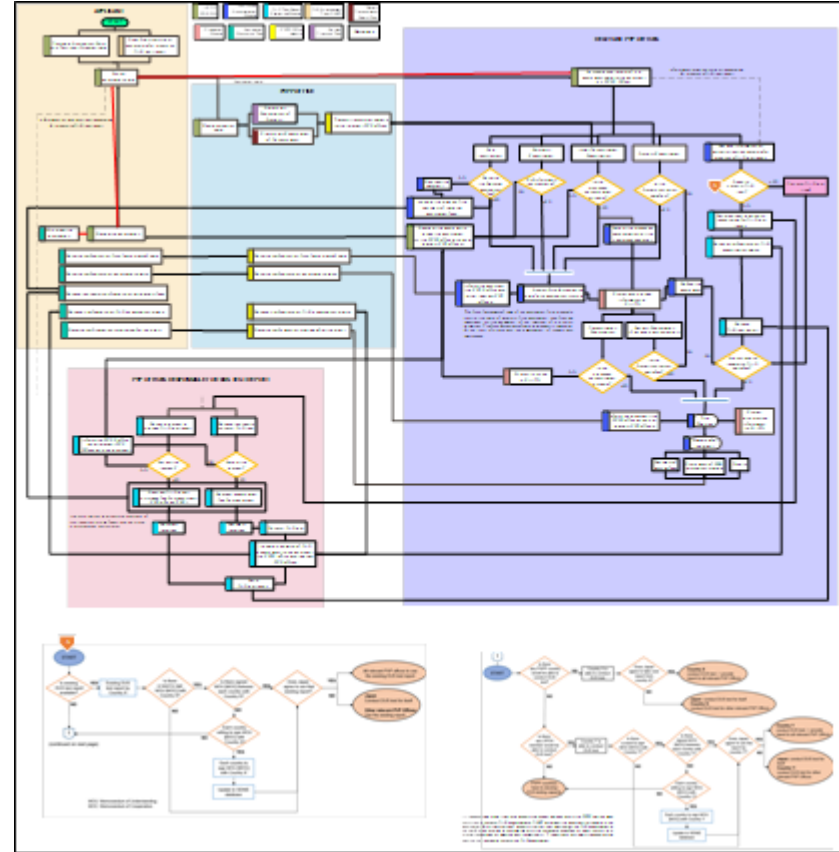
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# Pilot Project meetings

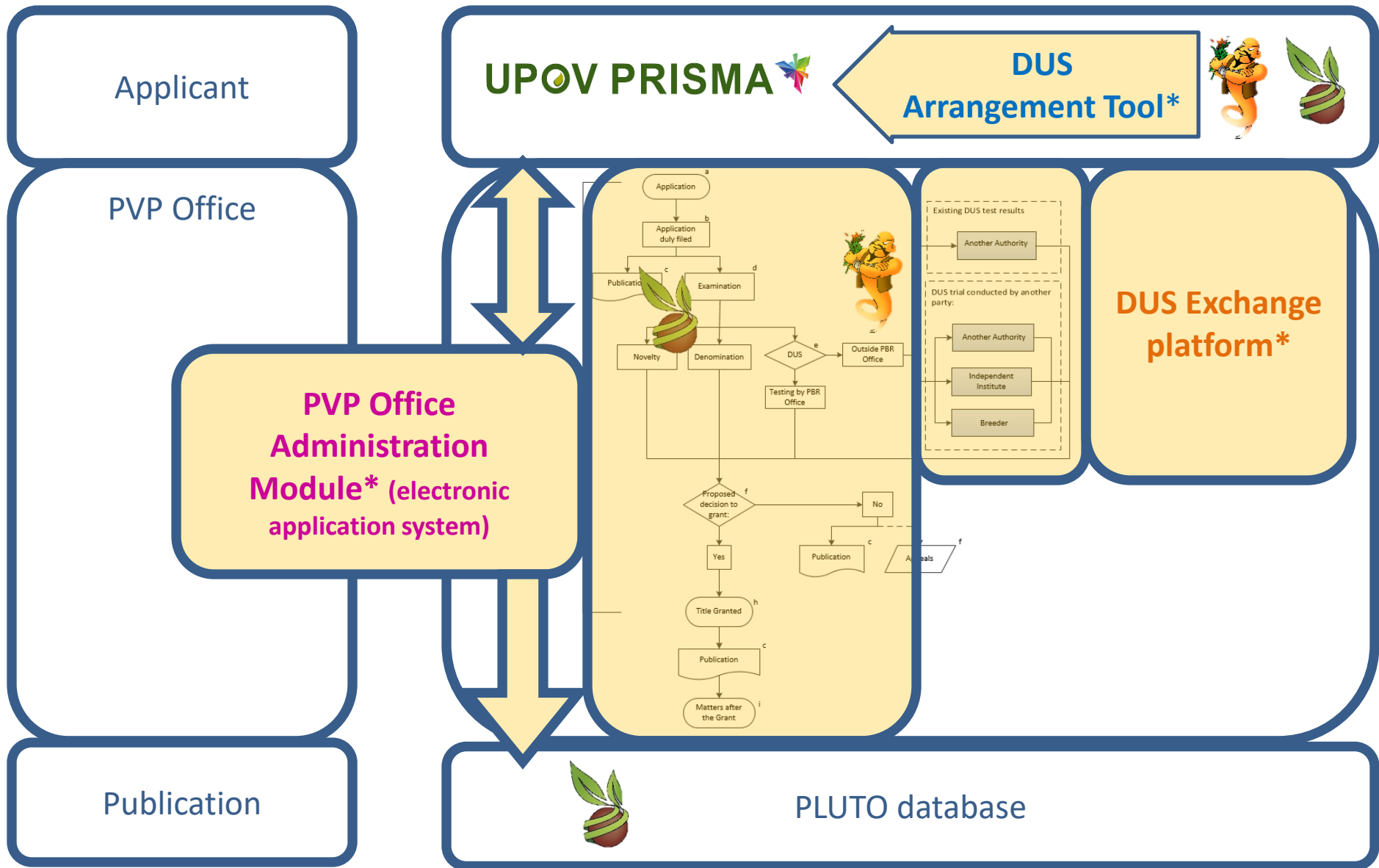
	Time/Venue	Participants
1 <sup>st</sup> Meeting	Oct 2018 in Viet Nam	Japan, Malaysia, Myanmar, Viet Nam
2 <sup>nd</sup> Meeting	Feb 2019 in Viet Nam	Japan, Malaysia, Myanmar, Viet Nam
3 <sup>rd</sup> Meeting	Sep 2019 in Viet Nam	Japan, Malaysia, Myanmar, Viet Nam Observers: Thailand, Philippines
4 <sup>th</sup> Meeting	7 - 27 July, 2020 by correspondence	Brunei Darussalam, Japan, Malaysia, Myanmar, Viet Nam
5 <sup>th</sup> Meeting	Nov 23 - 24, 2020 via electronic means	Brunei Darussalam, Japan, Malaysia, Myanmar, Viet Nam Observers: Cambodia, China, Philippines

# Agreed items at the PP meetings

Items	Contents
Schematic of the Project	✓ Project schematic that provides procedures for making applications, conducting examinations and granting Plant Breeders' Rights via the Platform
IT Modules of the Platform	✓ To develop IT modules of the Platform (see the figure in next slide)



# IT Tools/modules under development



**\*Under development for the EAPVP Forum Pilot Project**

## Agreed items at the PP meetings (2)

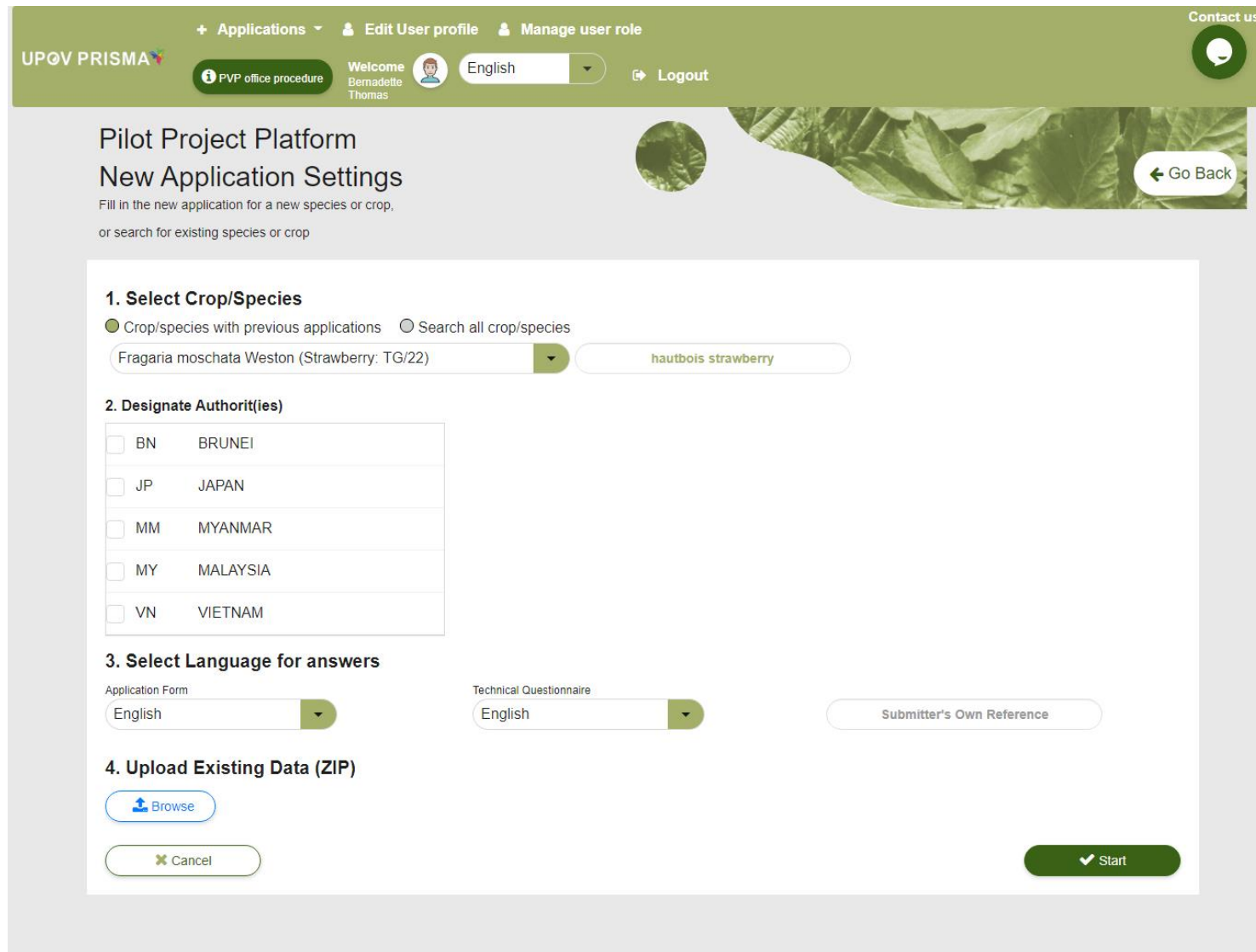
Items	Contents
Application Form (AF) of the Platform	✓ A combined AF of the PVPP
Technical Questionnaires (TQs) of the Platform	✓ Steps to procedure to identify TQs for the variety applied under the Platform
Preliminary examination of Novelty	✓ A list of the species classified as trees/vines for the purpose of Novelty under the Platform
Preliminary examination of denomination	<ul style="list-style-type: none"> <li>✓ The PVPP Office will send recommendations on denominations to PVP offices. Each PVP Office will examine and take final decision.</li> <li>✓ Any changes to denomination need to be updated on the Platform</li> </ul>
DUS cooperation among the PP participating countries	✓ A list of genera/species for which PP countries would provide DUS reports to other PP countries
DUS cooperation between the PP countries and other UPOV members	✓ To consider a Memorandum of Cooperation (MOC) for exchange existing DUS reports with other UPOV members

## Agreed items at the PP meetings (3)

Items	Contents
Payment Mechanism	<ul style="list-style-type: none"><li>✓ National application fees to be paid directly to PP countries</li><li>✓ DUS test fee to be paid directly to the PP country responsible for DUS test report</li><li>✓ Platform IT fee (to UPOV) and Platform Office fee would be required at the time of data submission</li></ul>
Scope of Prototype version 1 of the Platform	<ul style="list-style-type: none"><li>✓ Crop coverage: four pilot crops (rice, strawberry, rose and mung bean)</li></ul>
Terms of use (for both PVP Offices and applicants)	<ul style="list-style-type: none"><li>✓ To consider a proposed draft of Terms of Use</li></ul>
Information to be published	<ul style="list-style-type: none"><li>✓ To consider information to be published in national PBR gazette using the Publication module, and in PLUTO using the UPOV Model PBR Publication as a basis</li></ul>

# Developments of Prototype version 1 of the PP Platform

## Applicant interface for the PP Platform - New Application Settings



The screenshot displays the 'New Application Settings' page of the Pilot Project Platform. The interface features a green header bar with navigation links: '+ Applications', 'Edit User profile', 'Manage user role', and 'Contact us'. The user is logged in as 'Bernadette Thomas' and the language is set to 'English'. A 'Logout' button is also present.

The main content area is titled 'Pilot Project Platform' and 'New Application Settings'. It includes a 'Go Back' button and a brief instruction: 'Fill in the new application for a new species or crop, or search for existing species or crop'.

The form is divided into four sections:

- 1. Select Crop/Species**: This section has two radio buttons: 'Crop/species with previous applications' (selected) and 'Search all crop/species'. Below the radio buttons is a search input field containing 'Fragaria moschata Weston (Strawberry: TG/22)' and a dropdown arrow. To the right of the input field is a button labeled 'hautbois strawberry'.
- 2. Designate Authorit(ies)**: This section contains a table with checkboxes for selecting countries:

<input type="checkbox"/>	BN	BRUNEI
<input type="checkbox"/>	JP	JAPAN
<input type="checkbox"/>	MM	MYANMAR
<input type="checkbox"/>	MY	MALAYSIA
<input type="checkbox"/>	VN	VIETNAM
- 3. Select Language for answers**: This section contains two dropdown menus. The first is labeled 'Application Form' and has 'English' selected. The second is labeled 'Technical Questionnaire' and also has 'English' selected. To the right of these dropdowns is a button labeled 'Submitter's Own Reference'.
- 4. Upload Existing Data (ZIP)**: This section contains a 'Browse' button with an upload icon and a 'Cancel' button with an 'X' icon.

At the bottom right of the form is a green 'Start' button with a checkmark icon.

*All images shown are for illustration purpose only.*



# Applicant interface for the PP Platform - Complete the form

1. Application Form

APPLICANTS

REPRESENTATIVE(S)/AGENT(S)

BREEDER(S)

CORRESPONDENCE ADDRESS

DENOMINATION

OTHER APPLICATIONS

PRIORITY CLAIM

NOVELTY

TECHNICAL EXAMINATION

2. Technical Questionnaire

BREEDING SCHEME

VARIETY CHARACTERISTICS

VARIETY COMPARISON

PLANT MATERIAL INFORMATION

ADDITIONAL INFORMATION

3. Declaration And Signature

DECLARATION AND SIGNATURE

ATTACHMENTS

Export

Save

Submit

Cancel

APPLICANT

Applicant(s) 1(a) \*\*

Name (Alphabetical notation) 1 (a)(i) \*\*

Name (Japanese notation) \*\*

Address (Alphabetical notation) \*\*

Address (Japanese notation) \*\*

Telephone No. 1(a)(iii) \*\*

Fax No. 1(a)(iv) \*\*

National Residence Identification Card (NRIC) No./ Company Reg. No. \*

E-mail address 1(a)(v) \*\*

Nationality 1(b) \*\*

Residence (State) 1(c) \*\*

Registered offices for legal entities (State) 1(d) \*\*

Please state the legal characteristics of juridical person, if the applicant is a juridical person of foreign national. \*\*

A procedural representative/agent/proxy will be used: 1(e) \*\*

Yes 1(e)

No 1(e)

Where the application is filed jointly, and if there is an agreement provided for in article 23, paragraph 2 of the plant variety protection and seed act, or a contract provided in the provision of article 256, paragraph 1 of the civil code, as applied mutatis mutandis pursuant to article 264 of the civil code (act. No 89 of April 27, 1998. Please so indicate below

Where the application is filed jointly and the applicants have an agreement on the portion of their respective shares. The total sum of which would be 1. \*\*

Remove

Add Applicant

Hend Madhour

address

hend.madhour@upov.int

China

Name (Japanese notation) \*\*

Address (Alphabetical notation) \*\*

Constraint Details

This question is requested by:JP

All images shown are for illustration purpose only.

# Applicant interface for the PP Platform – Review DUS arrangements

PPV office procedure

Welcome  
PERALS1  
PERALS1lastName

English

Logout

Proposed Variety Denomination

Breeder's Variety Reference

Own reference

DEMO PP Strawberry

TECHNICAL EXAMINATION

The technical examination of the variety 9(a) \*\*

DUS Examination

in	Status	date completed (if known)
BRUNEI DARUSSALAM	Not yet been started	
JAPAN	Not yet been started	
MALAYSIA	Not yet been started	
MYANMAR	Not yet been started	
VIET NAM	Not yet been started	
AUSTRALIA	Completed	

+ Add other UPOV member

Optimize using Dart

I/We declare that the material provided with the first application is representative of the variety and relevant to this application. 9(b) \*\*

Authorization is hereby given to the Authority to exchange with the competent authorities of any UPOV member all necessary information and mat

In case where the candidate variety is seed- or spawn- propagated \*\*

Please indicate the method for submitting to the National Center for Seeds and Seedlings (Japan) and the date of submission. (Please tick one of

☐ Courier \*\*

☐ Bringing \*\*

Date of submission: Day Month Year \*\*

DART-WebApp - Google Chrome

www.5.wipo.int/dartapp/dartUserOption

DUS Arrangement Tool (DART)

Sort by: Select Filter by: Conducting Authority

OPTION 1

Total number of DUS Examinations: 1

Total Cost: \$ 0

View

OPTION 2

DUS Arrangement Tool (DART)

Sort by: Select Filter by: Conducting Authority

OPTION 1

Total number of DUS Examinations: 1

Total Cost: \$ 0

View

OPTION 2

Total number of DUS Examinations: 2

Total Cost: \$ 558

View

All images shown are for illustration purpose only.

## Applicant interface for the PP Platform – View and select an option

**DUS Arrangement Tool (DART)**

Sort by:  Filter by:

OPTION 1

Total number of DUS Examinations:   
Total Cost:

```
graph TD; JP((JP)) --> BN((BN)); JP --> VN((VN)); JP --> MM((MM)); JP --> MY((MY)); ZA((ZA))
```

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# PVP Office interface

## UPOV Dashboard

Clear all filters											
International Reference Number	Application data for	Modified On	Date of Submission	Crop	Proposed Variety Denomination	Breeder's Variety Reference	Payment status	Status	payment effective date	Owner	Action
XU_30202000003152	PBR	20/11/2020	20/11/2020	Rosa L.		Test 2	Pending	Received	20/11/2020	sabine5 PERALS5	Ask for revision
<input type="checkbox"/> XU_30202000002829	PBR	12/10/2020	12/10/2020	Lactuca sativa L.		TEST NZ 3 CC	Pending	Submitted	12/10/2020	PERALS1 PERALS1lastName	Acknowledge receipt
XU_30202000002823	PBR	12/10/2020	12/10/2020	Actinidia deliciosa (A. Chev.) C. F. Liang & A. R. Ferguson		TEST NZ BANK TRANSFER 3	Pending	Submitted	NA	PERALS1 PERALS1lastName	Acknowledge receipt
XU_30202000002821	PBR	09/10/2020	09/10/2020	Lactuca sativa L.		TEST BANK TRANSFER NZ 2	Pending	Submitted	NA	PERALS1 PERALS1lastName	Acknowledge receipt

Clear all filters			
Status	payment effective date	Owner	Action
Received	20/11/2020	sabine5 PERALS5	Ask for revision
Submitted	12/10/2020	PERALS1 PERALS1lastName	Acknowledge receipt
Submitted	NA	PERALS1 PERALS1lastName	Acknowledge receipt
Submitted	NA	PERALS1 PERALS1lastName	Acknowledge receipt

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# Timelines for next steps

Period	Duration	Description
30/11/20 to 31/03/21	4 months	Implement TQ s for the other options Task delegation module Examination module DUS cooperation module Applicant monitoring module
01/04/21 to 30/04/21	1 month	Testing by PP participating countries
01/07/21 to 31/07/21	1 month	Reflect PP participating countries' feedback
01/08/21 to 30/09/21	2 months	Testing by breeders
01/07/21 to 31/08/21	2 months	Publication module Payment module
01/09/21 to 30/09/21	1 month	Testing by PP participating countries
01/10/21 to 31/10/21		Reflect feedback from breeders and PP participating countries

**THANK YOU FOR YOUR ATTENTION**

**CONTACT US:**

Ms. Tran Thi Thu Trang

Email: [trangthithu.tran@upov.int](mailto:trangthithu.tran@upov.int)