

PVP – EXPERIENCES AND PERSPECTIVES FROM VIETNAM



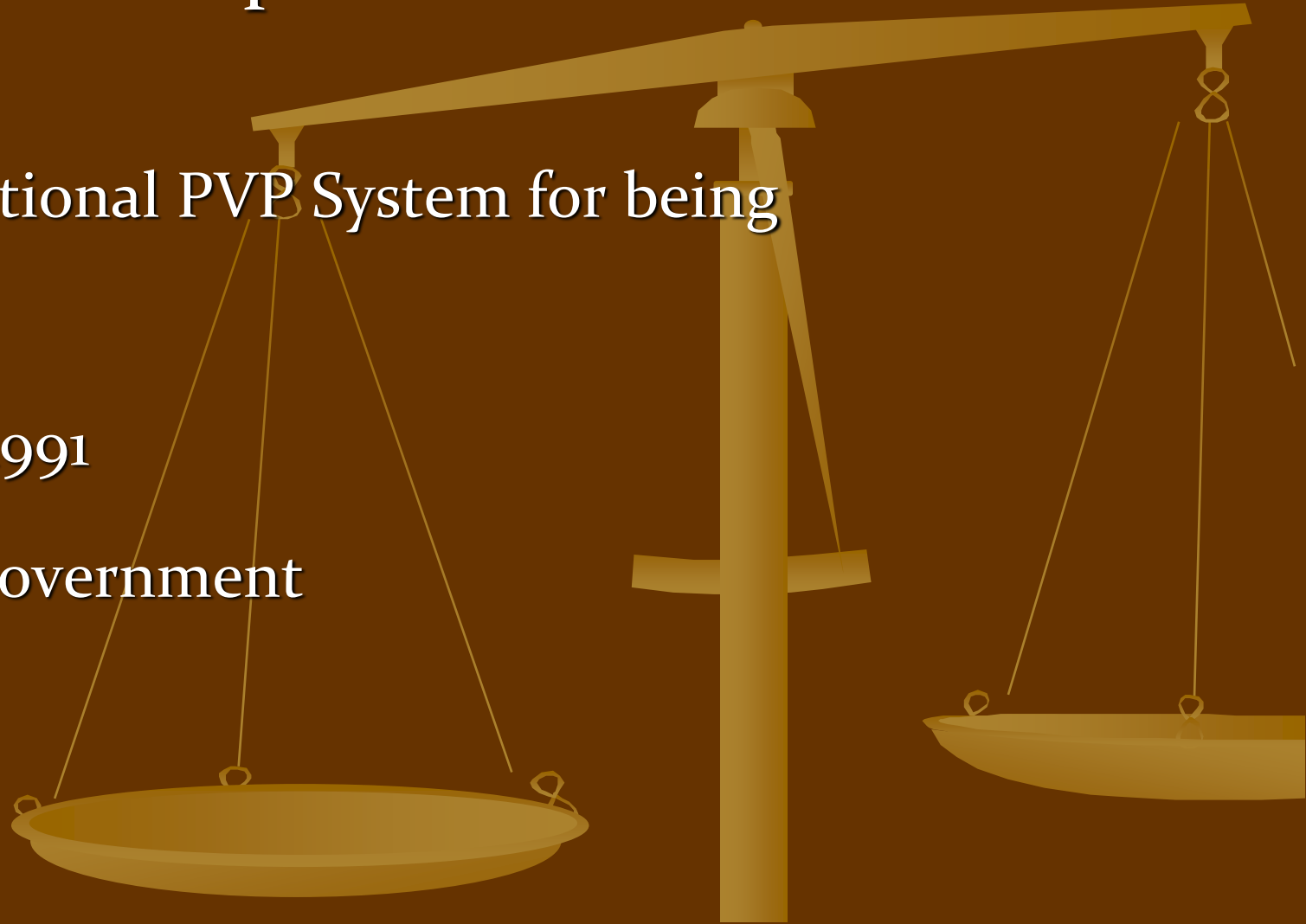
NGUYEN THANH MINH - VSC, VIETNAM

IP Key's Southeast Asia Seminar

Sept., 2025

Content of the presentation

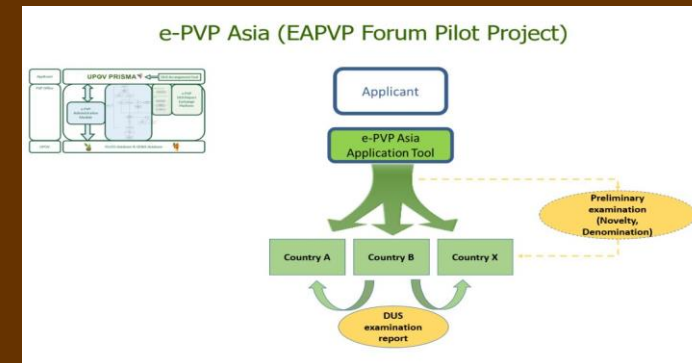
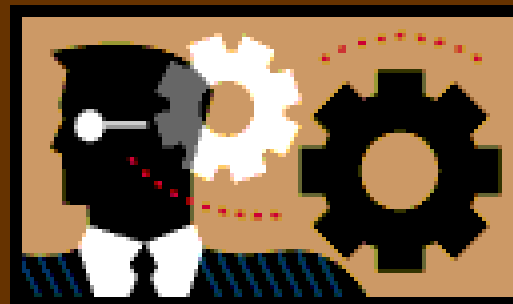
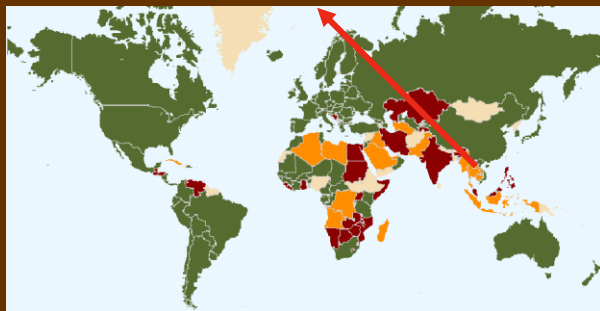
- Development of National PVP System for being UPOV's Member
- Benefits of UPOV 1991
- Orientation from Government



Development of PVP in VN

Member of UPOV
(24th Dec, 2006)

63rd



Implementing PVP System
under UPOV Convention

2007-Now



2018 – Positive joining the Regional
cooperation Mechanism under
scope of EAPVPF by the technical
Assistance of UPOV

Establishing National
PVP system and Preparations
to join UPOV

2000-2006

With the assistance from UPOV and UPOV's Members:
Strengthening PVPO and DUS Testing agencies
Legal document: Law and Documents to detail the Law

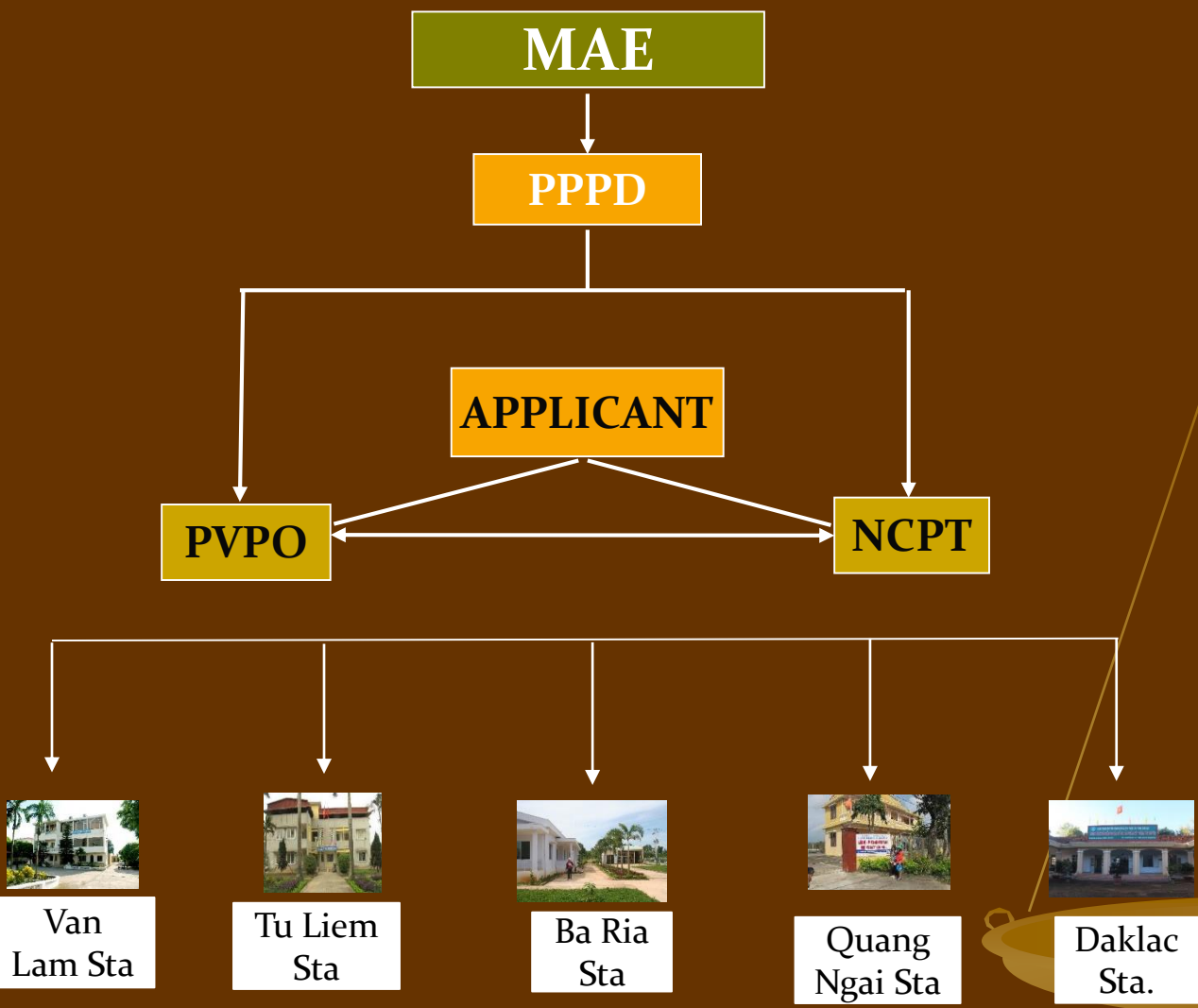
Study the real
conception of PVP

1995-2000

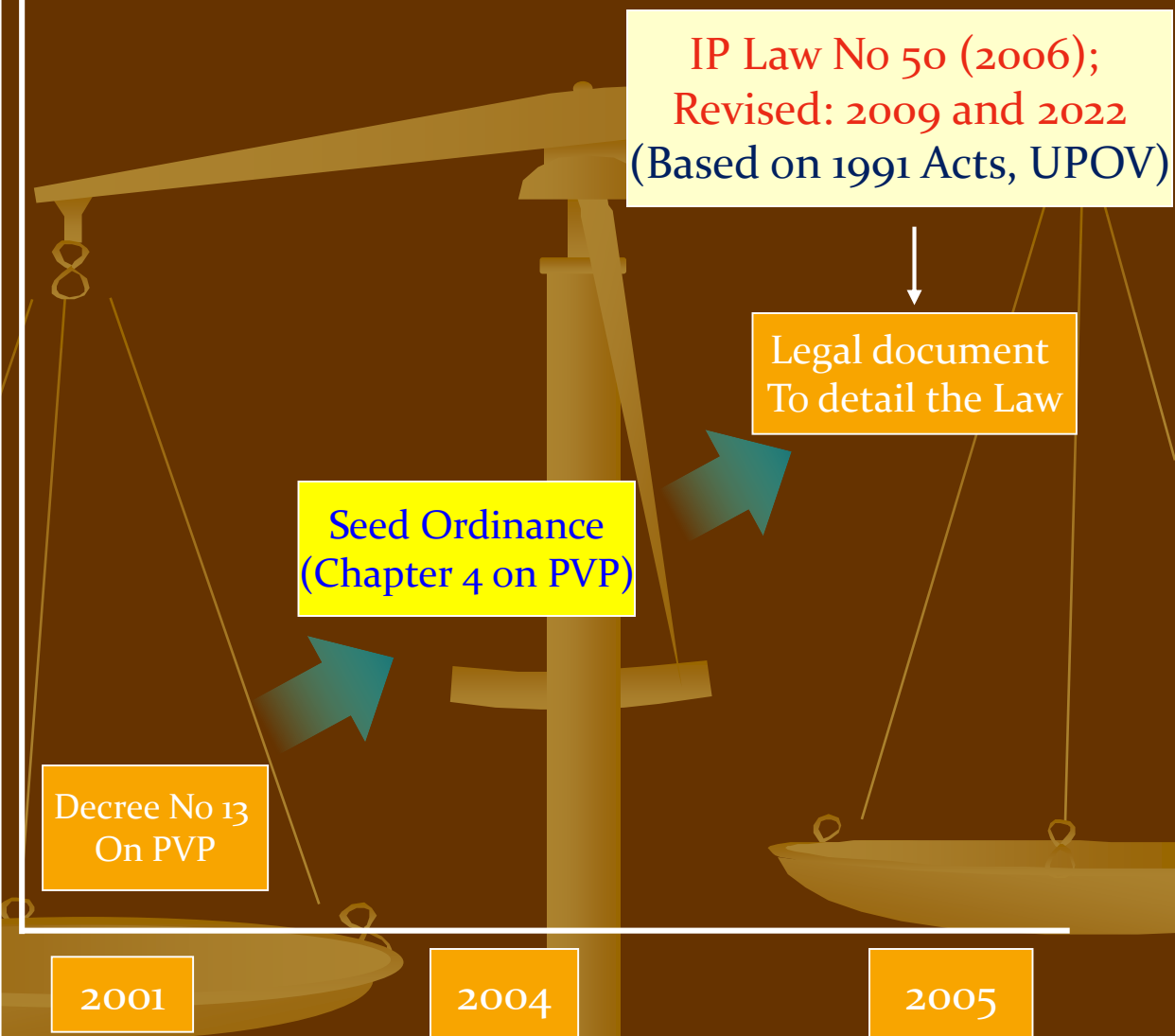


PVP system in Vietnam

IMPEMETING ORGANIZATIONS

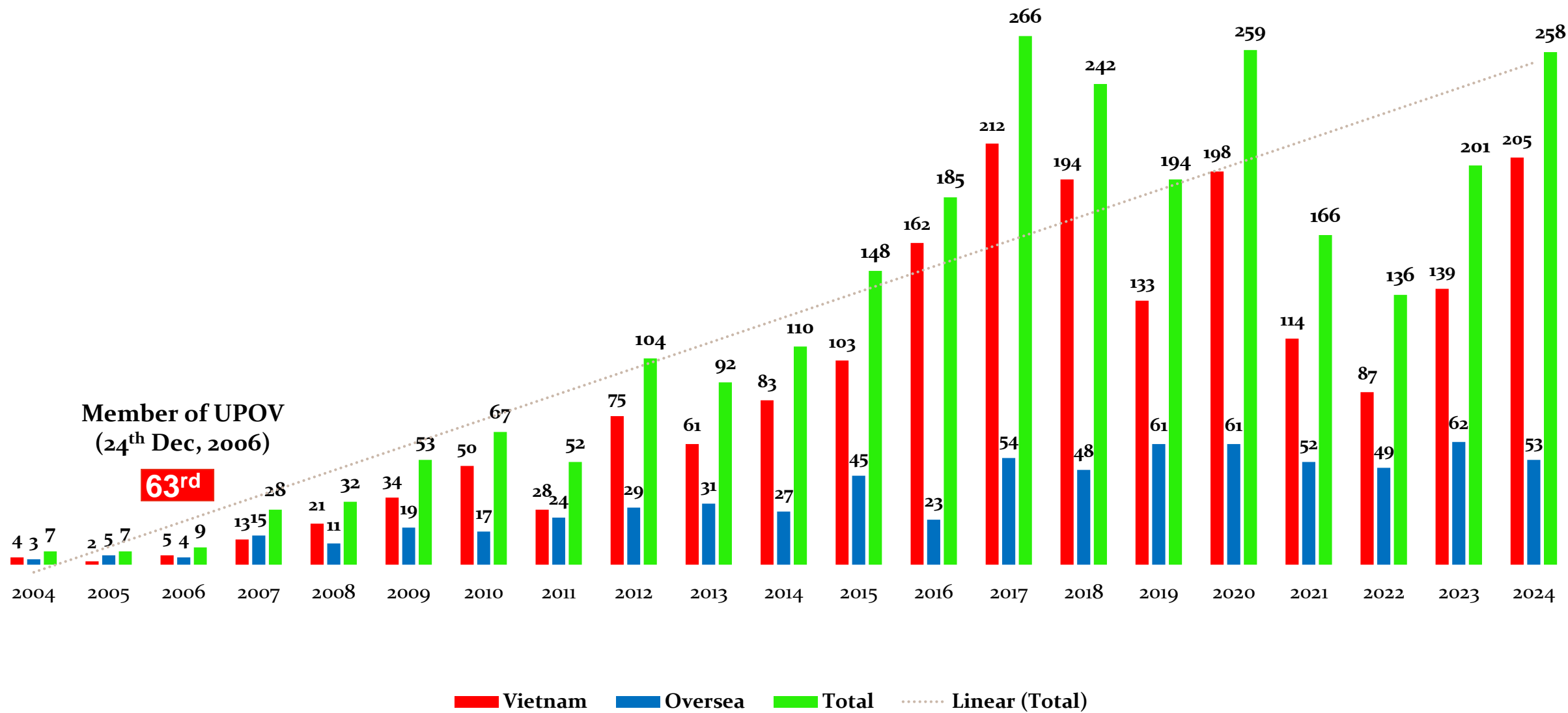


LEGAL DOCUMENT

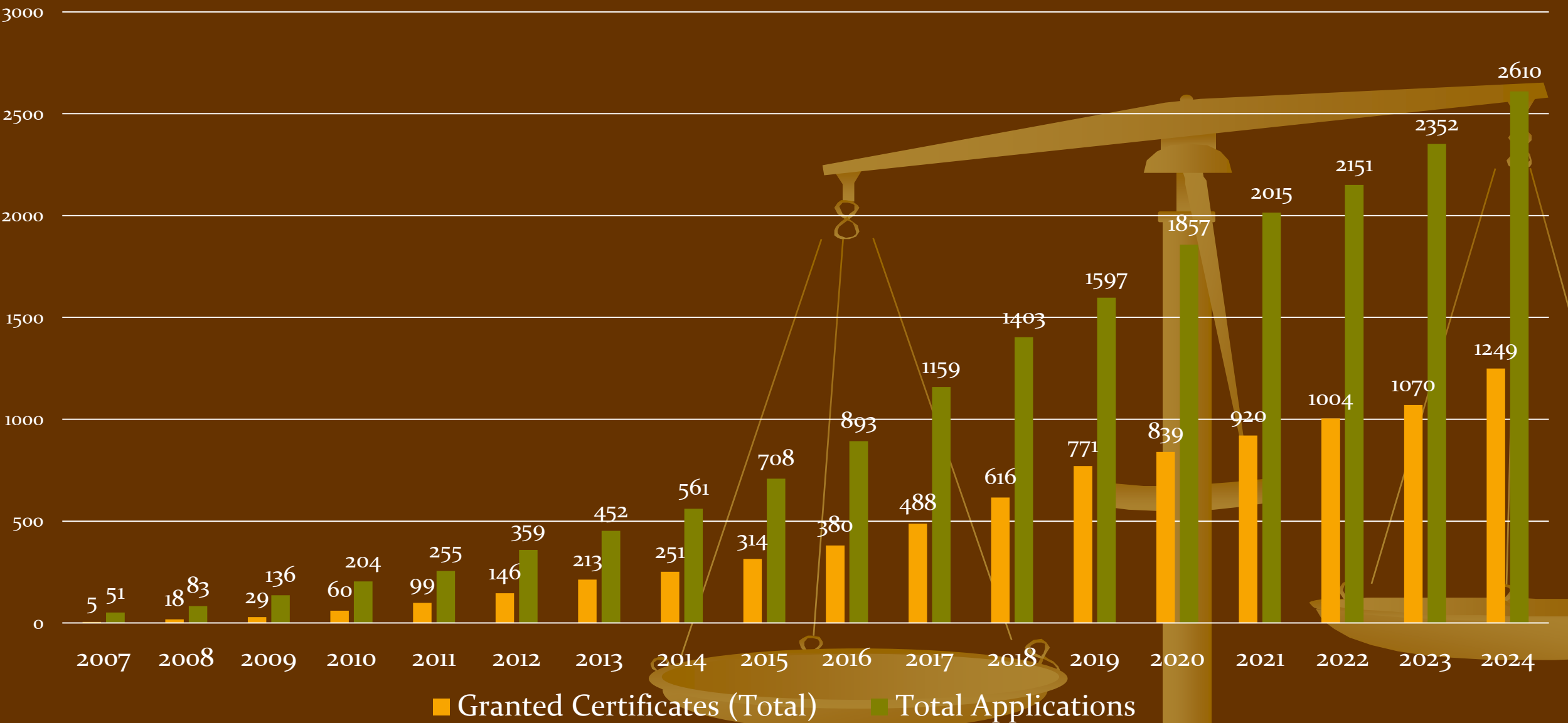


Country	Signing date	Photos
Japan	August, 2007 April, 2016 (free of charge)	
France	January 2011	
The Netherlands	March, 2011	
EU	May 2011	
Singapore	2016 VN provide DUS Testing service	<ul style="list-style-type: none"> ✓ Negotiation: Email ✓ Signing by each side then exchange through Post mail.
Korea	April, 2017	
Taiwan	2020	<ul style="list-style-type: none"> ✓ Negotiation: Email ✓ Signing by each side then exchange through Post mail.

Application in Vietnam by years (2004 - 2024)



PBR and applications (2007-2024)



The process for introduction new variety is specialized

BEFORE PVP

Breeders

No Professional
distribution system

Farmer

No specialized
service, Difficult on
Seed Quality control

AFTER PVP

Breeders

License

Royalty

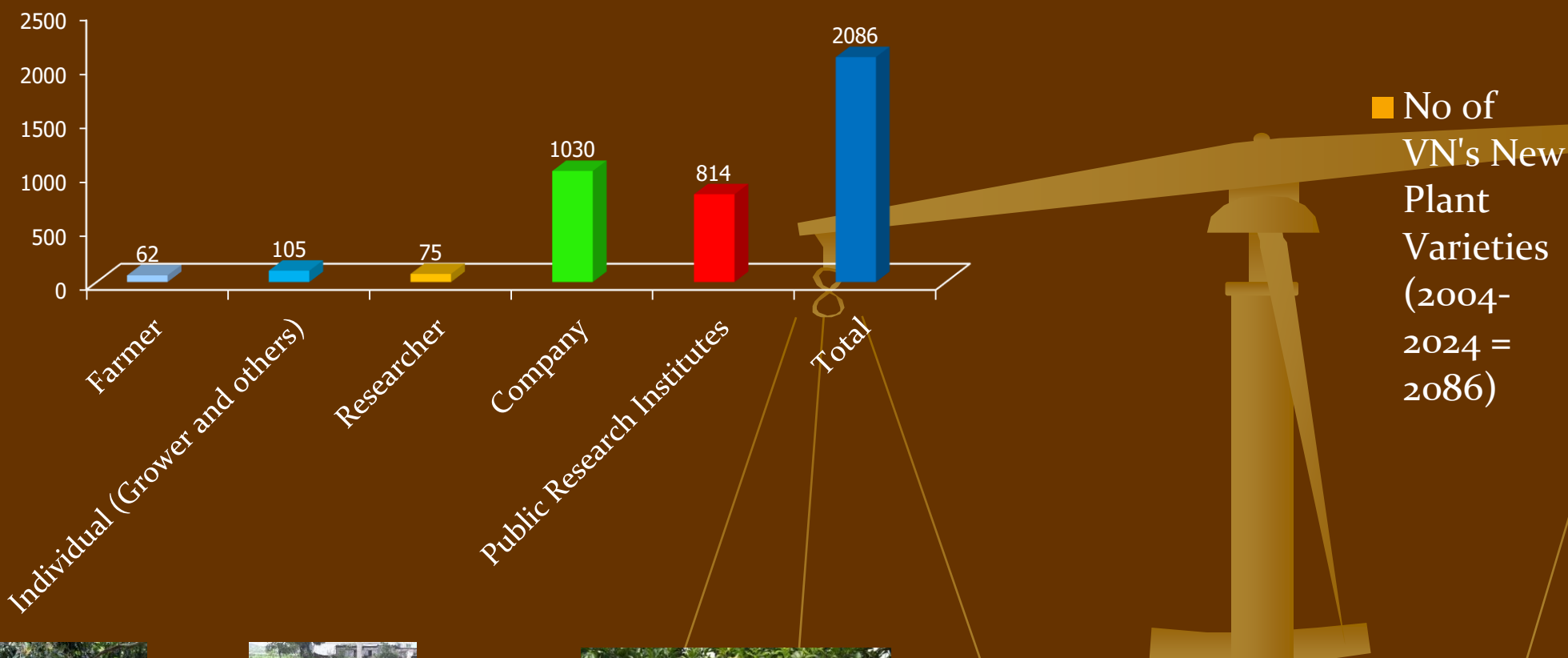
Company

Good professional
distribution system

Farmer

Good service for the
farmer; Better seed
quality due to
professional

All people from different sectors have chance to be Breeder



Farmer/Breeder: Rice/Longan/Pomelo...



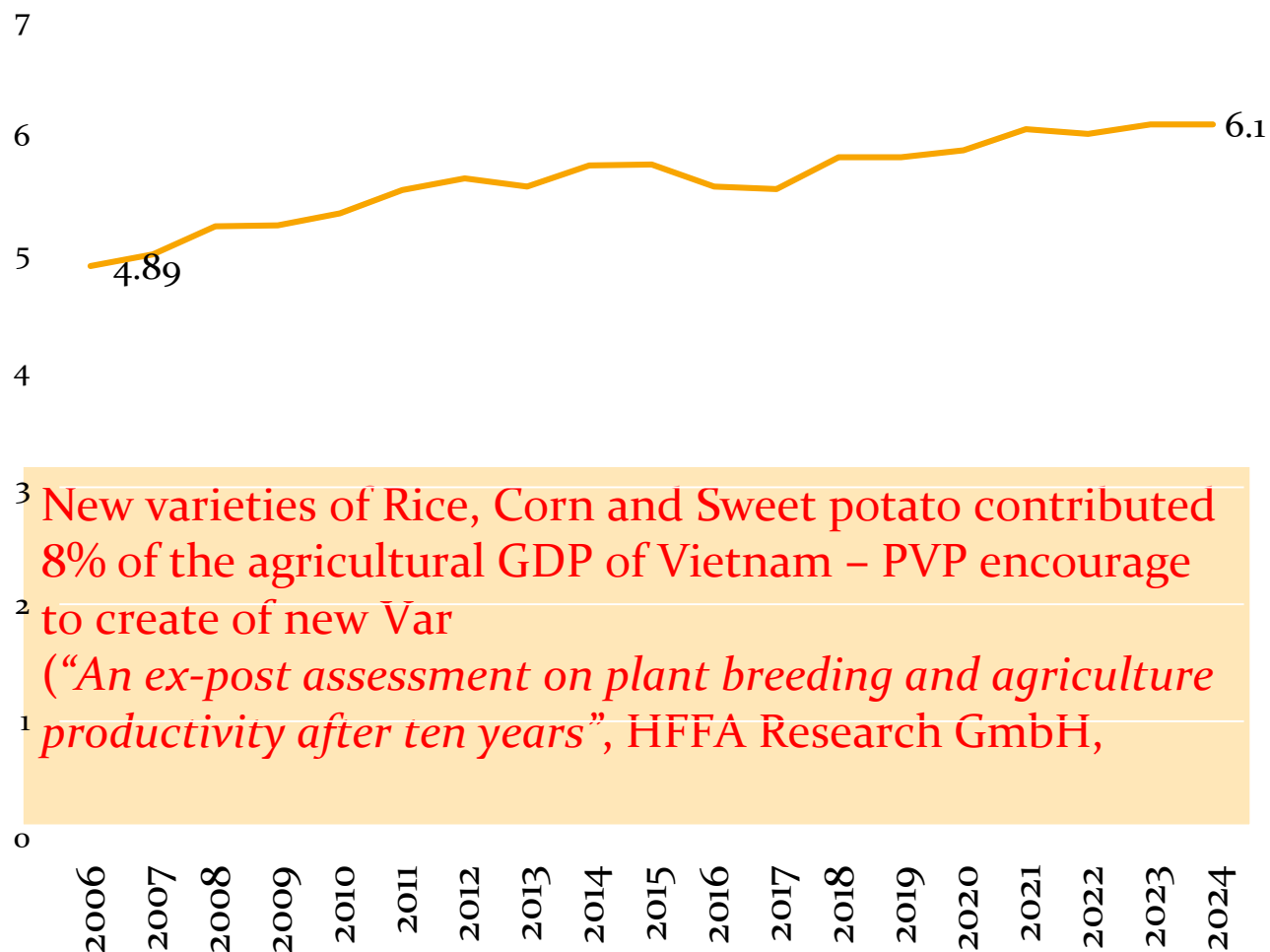
Amateur Gardener



Retired Researcher



Rice Yield (Ton/ha)



New varieties of Rice, Corn and Sweet potato contributed 8% of the agricultural GDP of Vietnam – PVP encourage to create of new Var
 (“An ex-post assessment on plant breeding and agriculture productivity after ten years”, HFFA Research GmbH,



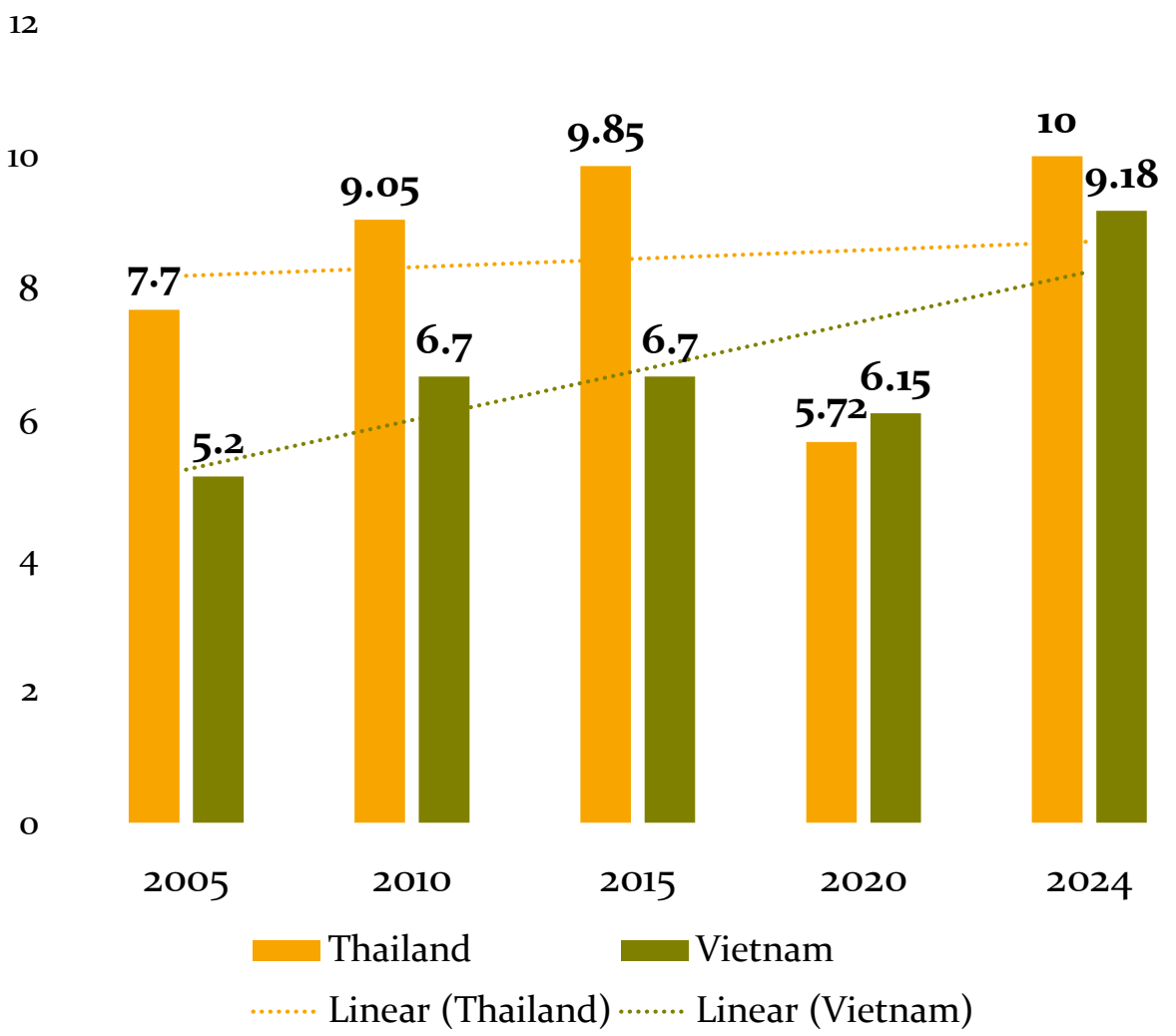
ST25: Best quality in the world – 2019 and 2023

➤ Exported price is higher in the global market (3 times compare to the normal rice) – Farmer’s income increased by using new varieties with high quality.

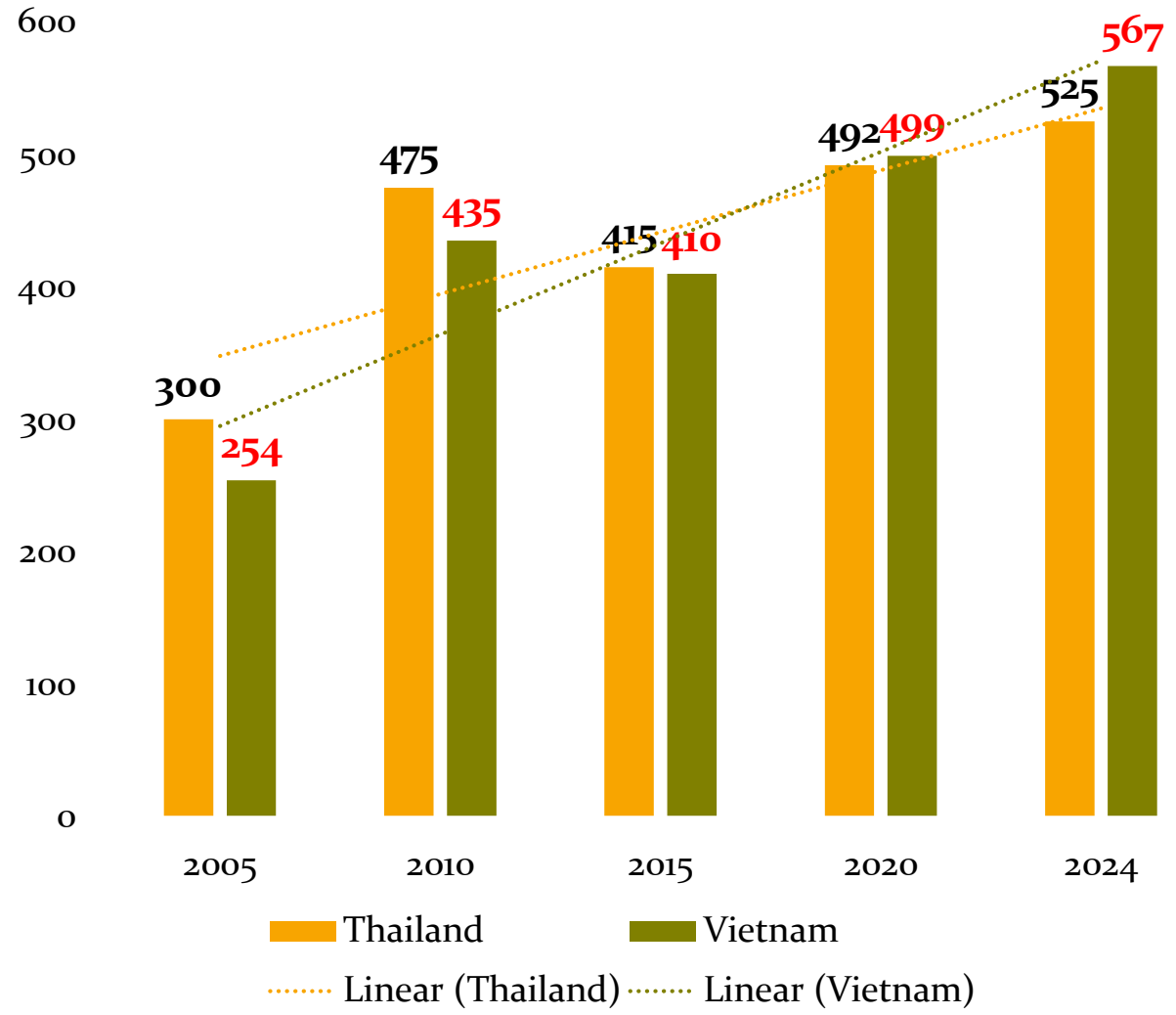


The Exportation of Rice by Thailand and Vietnam

Quantity (Million ton)



Price (USD/ton)



New good varieties from overseas

- An effective PVP system – encourage new varieties from overseas:
 - ✓ New techniques will be introduced together with new varieties
 - ✓ Opportunity for new jobs: Cultivation- Processing for exportation
 - ✓ Diversification of Crop-products for exportation/domestic users



New variety of Fruits



Primary processing flowers and fruits for exportation



New variety of Flowers



Flower/Fruit by new techniques are introduction by Breeders from overseas



New variety of Vegetable

Breeding new var.: Improved by adding material



Father/Mother
(Protected Var.
from oversea)



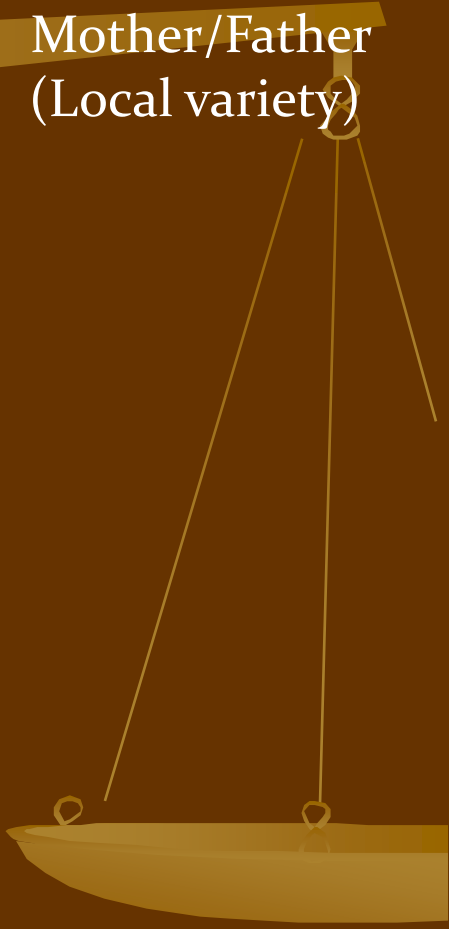
Mother/Father
(Local variety)



X



New variety



- Contribute to the conservation of PGR and Livelihood for ethnic minorities in mountainous rural areas
 - ✓ New varieties from wild species which are declined



Production of medicinal plants by ethnic minorities



- Diversify the products for Customers

- ✓ Functional Food
- ✓ Medicinal plants



- Adaptability in an Inconvenient environment with climate changes

- Sustainable agriculture – Food security
 - ✓ Drought/Flooded/Salinization by sea level increase.
 - ✓ Diseases/insects tolerance varieties

NEW RICE FOR CLIMATE CHANGES



Drought tolerance



Flood tolerance



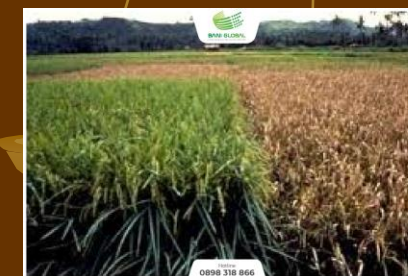
Bacterial leaf blight



Rice blast disease



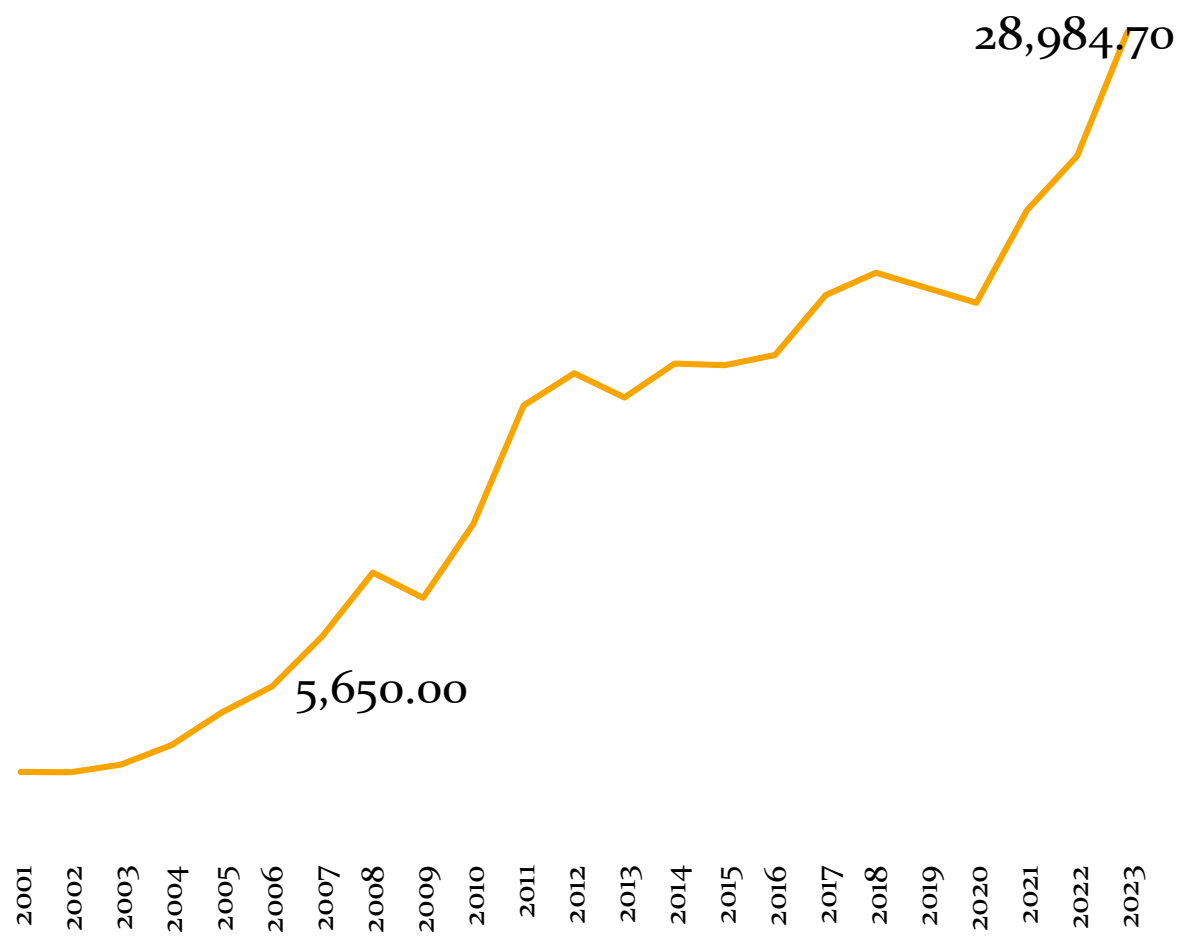
Salty tolerance Rice



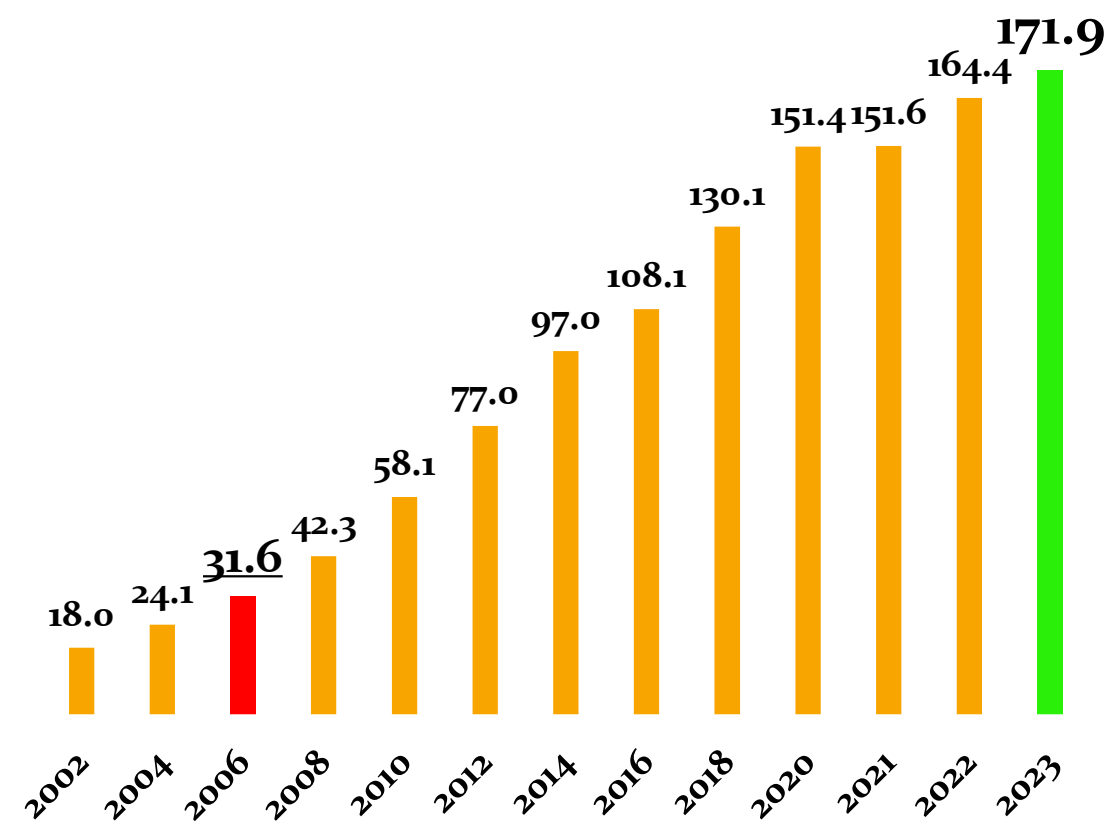
- Through different level as:
 - ✓ Before 2006, almost all of them were Traders only
 - ✓ When PVP is established: beginning they are licensed to exploit PBR from owner (before 2010)
 - ✓ To develop their-own breeding facility
- Now, many of them become big with very good breeding facility (**Techno-Scientific Enterprises – 30% Members of VSTA**)
- Increasing their ability on competition in the market (domestic – global);
- To contribute to the big policies of the Gov. on agriculture



Export Value for crop products
(Million USD)



Income of Rural area (USD/month/person)



The IP Strategy of Government for the next 10 years for promoting Crops production sector

Strategy for the development of PVP
(IP Strategy 2020 - 2030 approved by *Decision No 1068/QD-TTg* signed by PM on 22 August 2019)

- ✓ No of Application is increased 12 - 14%/year.
- ✓ 10 - 12% of VN's Applications will be filed in abroad;
- ✓ At least 1 - 2 VN's PBR is exploited in oversea
- ✓ Positive joining the Regional PVP mechanism

Seed Program (2020 – 2030)
(*Decision No 703/QD-TTg* approved on 20th May 2020)

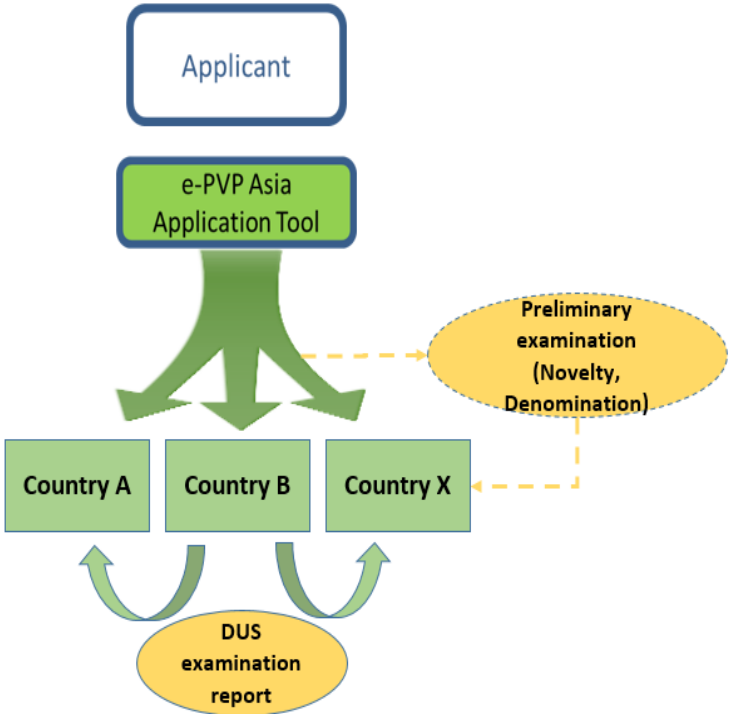
- ✓ For rice: 90% of production area is used certified seed/
Maize: 95% F1 hybrids
- ✓ For the other crops: depend on species that is from 50 to 100% to use seed ensure quality.
- ✓ Strengthening capacity on R/D of plant Variety for the Organizations/Individual
- ✓ Improving the Trading System of Seed

Orientation of Government

New PVP system for registration in Vietnam from Oct. 2023

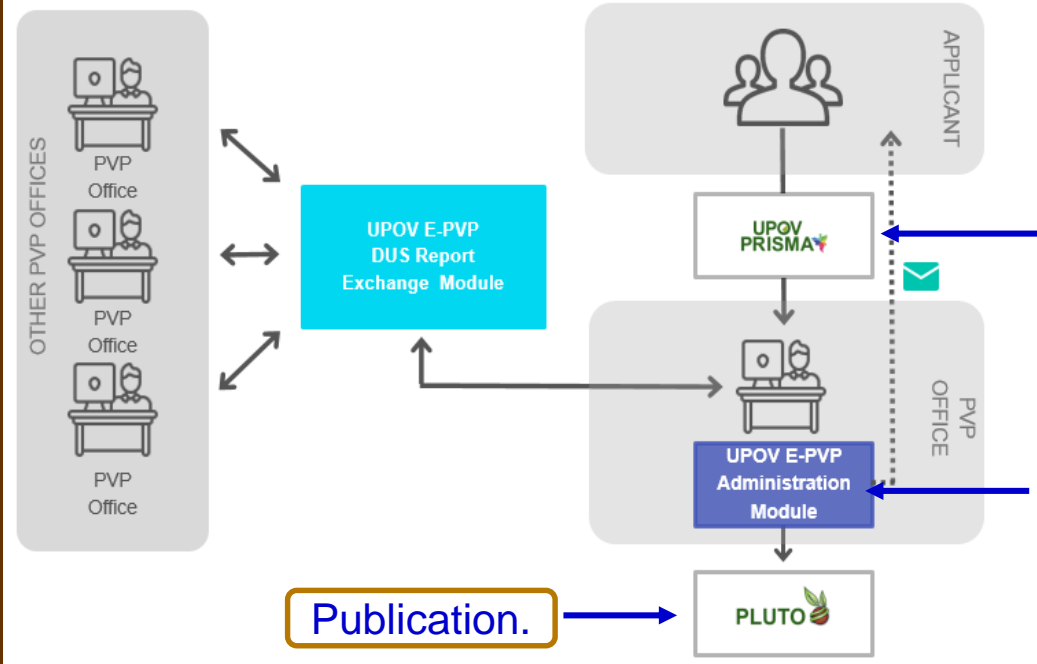


Member Cooperation Platform e-PVP Asia (EAPVP Forum Pilot Project)



Under discussion in the scope
of EAPVPF Pilot Project

UPOV e-PVP Standard options



Fee for using system: 90
Swiss France/Application
(Pay by applicant)

Application Tool
(UPOV's TQ; Development
and maintenance by
UPOV)

Hosting by PVPO –
Manage of PVP
application's Data.

Vietnam's new system: Can use from 28th Sept. 2023 in theory
(Needs: Training/Introducing/Propagating...)

✓ **Detail information:**

- Vietnam Seed Service
support Centre (VSC)
- Room 314, A2 Build. No1B
Bacson str. Ngocha, Badinh
Hanoi – VIETNAM
- email:
minh_pvp@yahoo.com
Mobi: +84912232151

