




# WEBINAR ON PLANT VARIETY PROTECTION AND UPOV 1991

Socio-Economic impact  
of UPOV 1991 Membership to Vietnam

Nguyen Thanh Minh | Vietnam Seed Trade Association (VSTA)

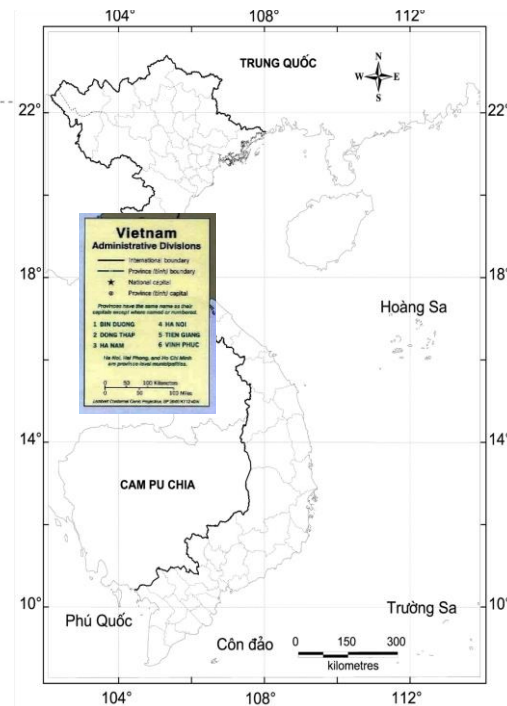
LIVE WEBINAR | 17 January 2022 | 09:00 (CET) / 15:00 (UTC+7)

[www.ipkey.eu](http://www.ipkey.eu)

- 
- DEVELOPMENT OF VN'S SEED SECTOR
  - IMPACT OF UPOV 1991 MEMBERSHIP
  - VIETNAMESE PVP IN FUTURE

# Background

- Agricultural country with the **contribution from Crop Production is 64 – 68% (2021)**
- Seed plays the most important role for Crop Production: Food security ensured by Seed Security
- Seed Business sector is important to ensure of Quality and Quantity of seed – Important Role of New Plant Varieties which encouraged by PVP system.

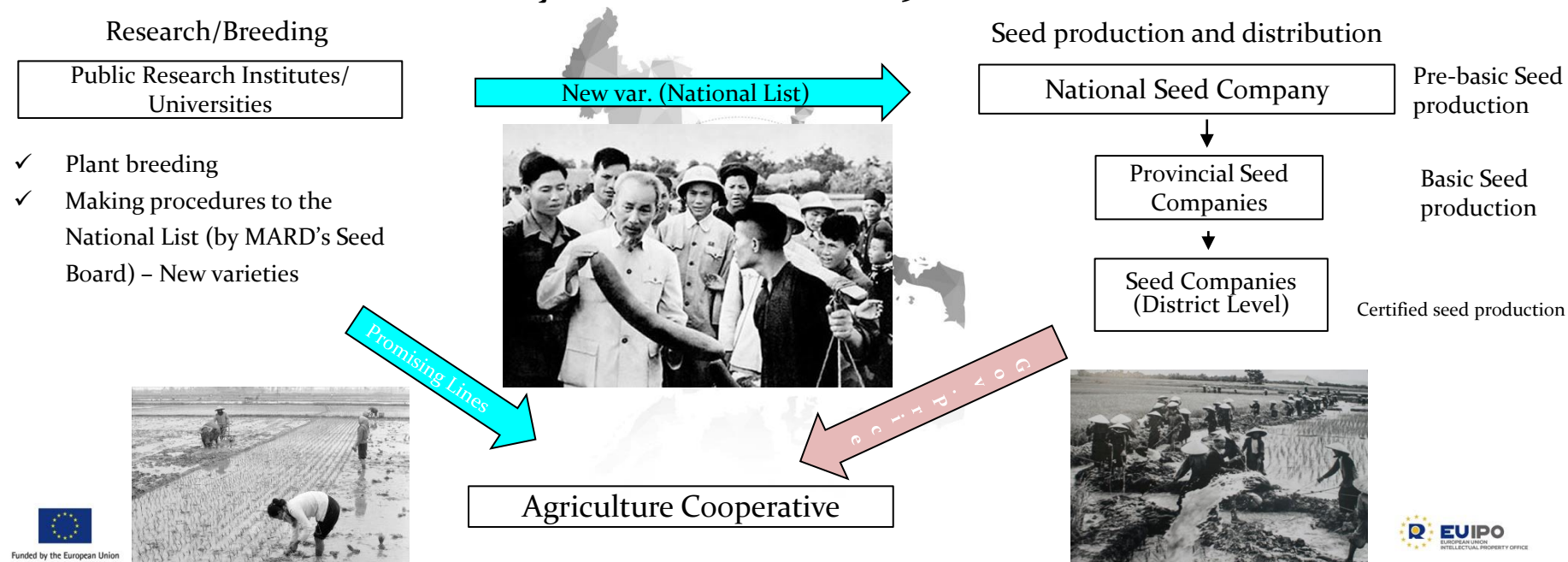


Capital: Hanoi  
Area: 332,000 km<sup>2</sup>  
Population: >98 millions



- ❖ Agriculture is a key economy sector in Vietnam
- ❖ Before 1986: Seed Sector is subsidized by Government (State Companies)

## Seed System in VN before 1986



- 1980's – The Government have nothing to subsidy – Economy exhausted by subsidy for longtime
- 1986 –Innovation (the “Doi Moi”)
- Needs for Seed Business development: Legal framework/Policies/Gov. Assistance/Domestic Demand/Others...
- Many policies are issued in Vietnam since that time.
- Plant Variety Protection (PVP) – Stable and Sustainable policy for development of Socio-Economic.



## Seed system in Vietnam (from 1990 – Before UPOV's Member )

### Public sector

- Research Institutes
- Universities
- National Seed Companies
- Provincial Seed companies in some province

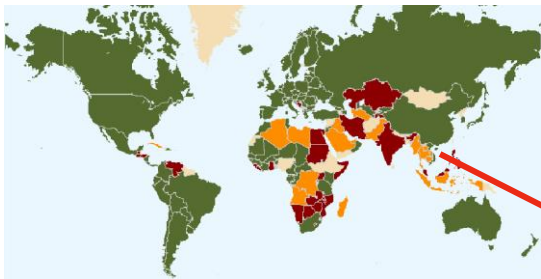
### Private sector

- Individual/other organization can do seed production
- Seed shops (Private) can sell seed to the farmer directly
- Some small private seed companies are established as Trader/Producer only

#### \* Notes:

- Seed Private Sector in Vietnam was growth very slow before PVP system established
- Demand for PVP appeared from Domestic and Seed Investors

# HISTORY OF PVP IN VIETNAM



Member of UPOV (24<sup>th</sup> Dec, 2006)

63<sup>rd</sup>

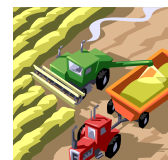


Implementing PVP System  
under UPOV Convention

2007-NOW

Establishing National PVP system and  
Preparations to join UPOV

2000-2006



Study the real  
conception of PVP

1995-2000



Funded by the European Union

# VIETNAM SEED TRADE ASSOCIATION



- Established: 11<sup>th</sup> April 2007 by Ministry of Home Affairs (just after VN joining UPOV); Web: WWW.vietnamseed.com.vn
- Headquarter: No. 1 Bac son Str. Ngoc Ha – Ba dinh HANOI
- Principle and Purposes:
  - ✓ Promote the cooperation among Members in Trading for seed and Agri-Products follow stipulation by Law
  - ✓ To protect the Right of Members as linkage between Members and Government Authorities
  - ✓ Exchange the experience
- Member of APSA



## Bộ trưởng Bộ NN-PTNT tặng Bằng khen cho nhiều thành viên VSTA

Thứ Sáu 07/01/2022, 12:25 (GMT+7)

Hiệp hội Thương mại Giống cây trồng Việt Nam (VSTA) vừa tổ chức thành công Đại hội lần thứ IV - Nhiệm kỳ 2021 - 2025 tại Thái Bình.



Thứ trưởng Bộ NN-PTNT Lê Quốc Doanh (bên trái) trao Bằng khen của Bộ trưởng Bộ NN-PTNT cho Công ty TNHH Vật tư Nông nghiệp Hồng Quang.

Nhân dịp này, Thứ trưởng Bộ NN-PTNT Lê Quốc Doanh thừa ủy quyền của Bộ trưởng Bộ NN-

Minister of MARD gave Medal to  
Excellent Members at the 5<sup>th</sup> Congress of  
VSTA (Thai Binh 6<sup>th</sup> January 2022)



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UPOV

➤ Private companies is developed through different level as:

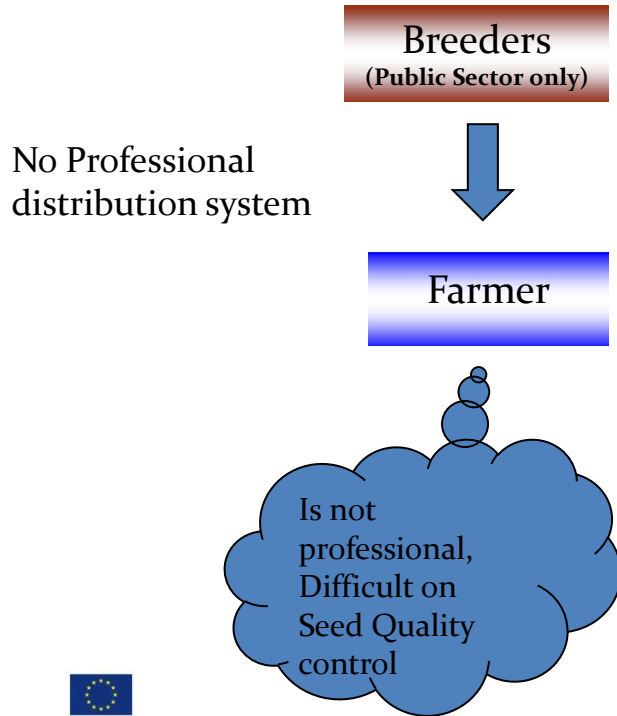
- ✓ Before 2006, almost all of them are Producers, Traders only
- ✓ Licensed to exploit PBR from owner (before 2010)
- ✓ Develop their-own breeding facility
- VSTA's Member: 30% are Science – Techno Enterprises (about 50 in total of 151 Members)
- Some of them owned big Research Centers/Institutes



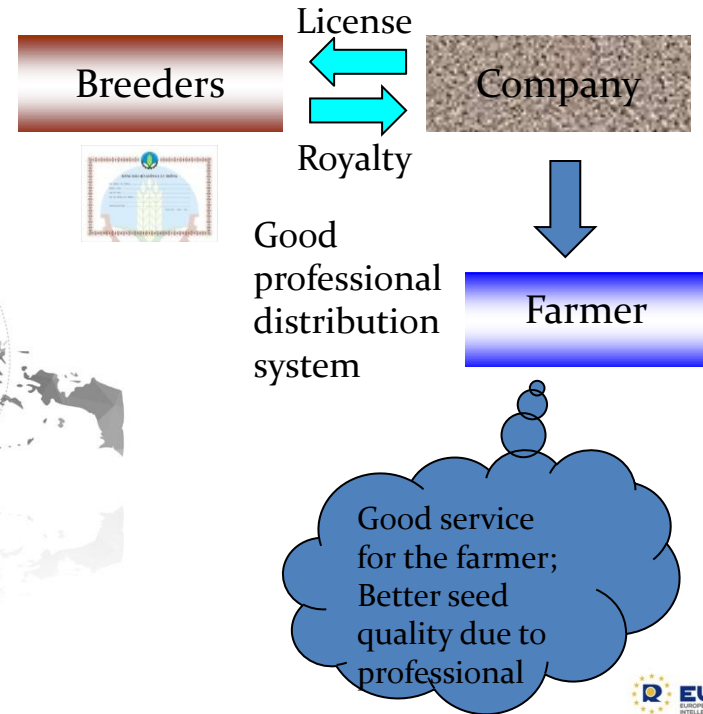
# IMPACTED BY UPOV 1991

❖ Specialization the chain from plant breeding to production

## BEFORE PVP



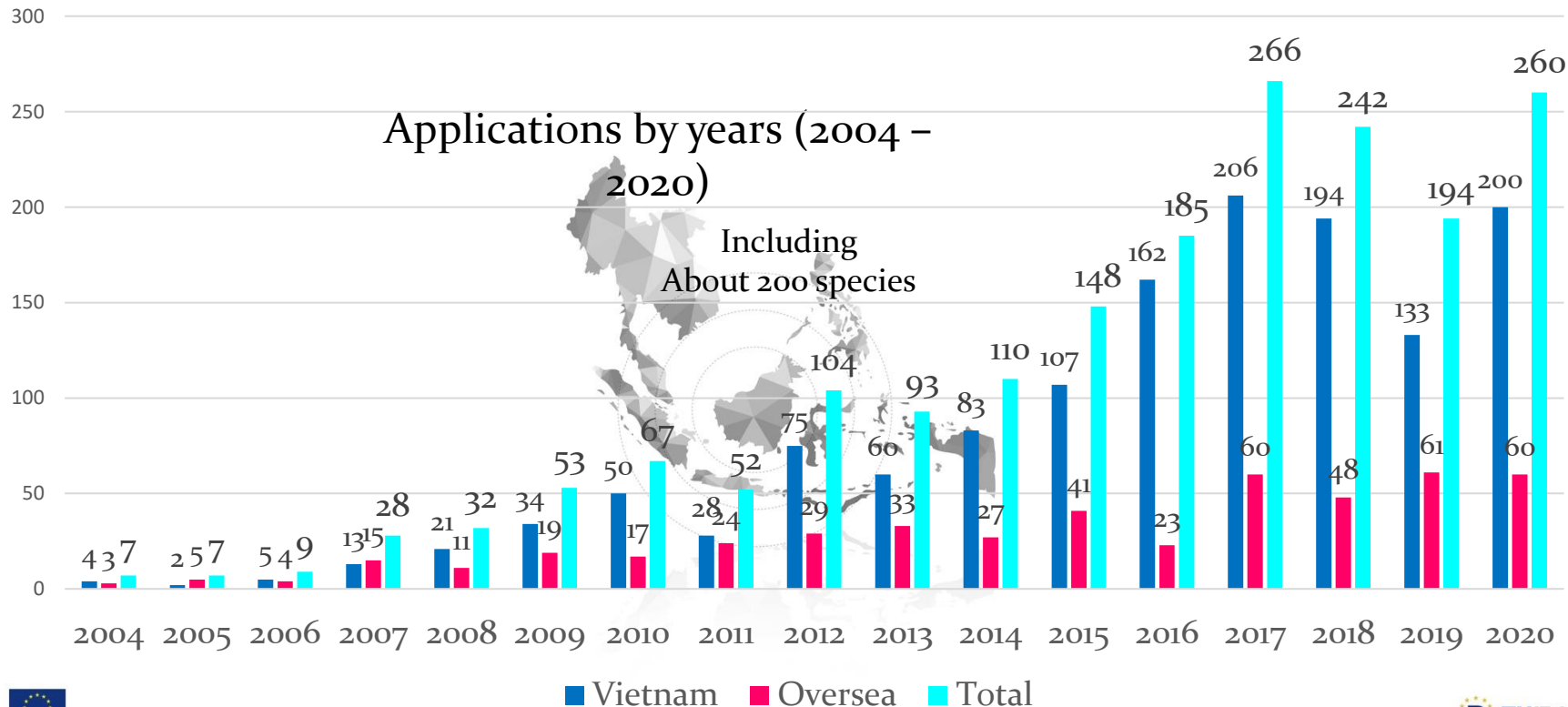
## AFTER PVP



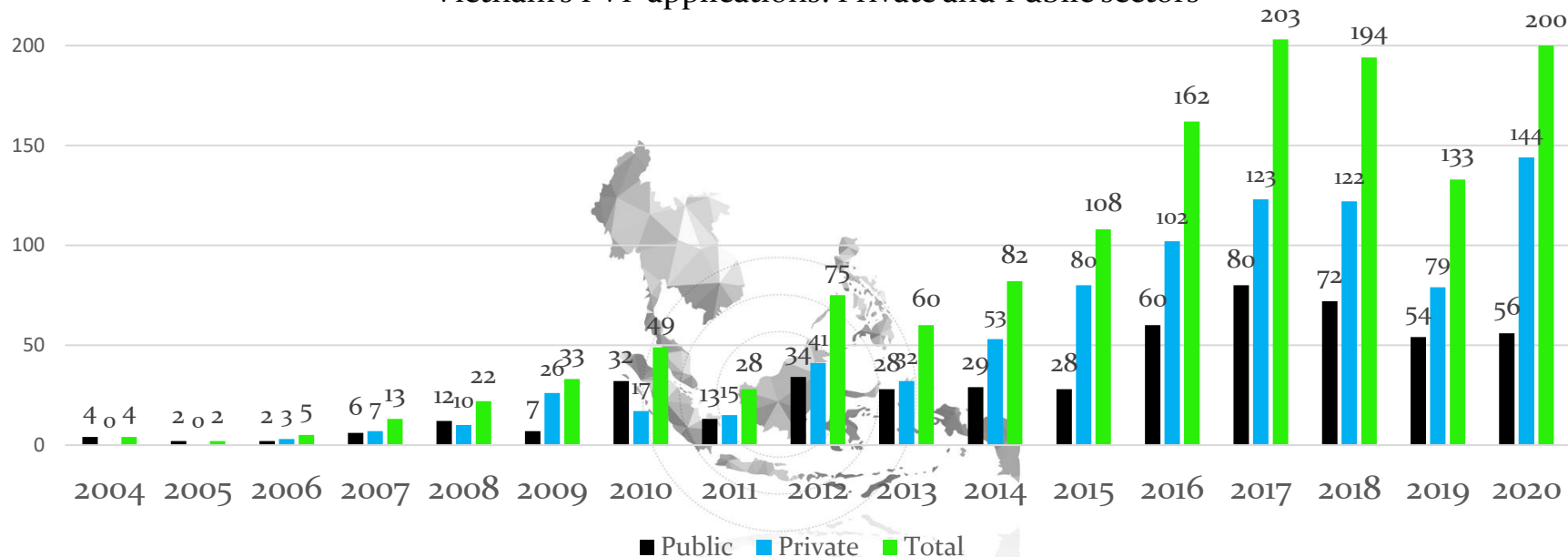
## Example on the investment to RD from Private sector (VINA Seed Corporation)

- ✓ Established in 1968 (belong to the Government)
- ✓ Become private: 2003
- ✓ Before 2006: 13,500 USD
  - ✓ From 2006 - 2017: 10.5 Million USD - 778 times
  - ✓ Market extent to Lao, Cambodia, China, Myanmar

\* Source: VINA Seed Corporation (report on Jul 2018)



## Vietnam's PVP applications: Private and Public sectors



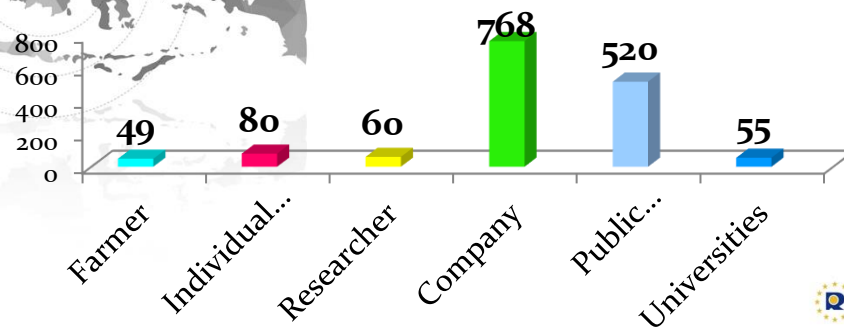
### ➤ Public sector (Government Budget):

- ✓ Research Institutes/Universities/ Research Centers (Central Government and provincial level)

### ➤ Private sector (breeding by themselves):

- ✓ Individual (Farmer, Grower..)/VN's Seed Company

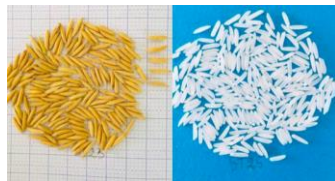
- To mobilize all resource in the social in breeding and develop new Var.
  - ✓ Human/Finance resource: Not only in Public research organizations as before
  - ✓ Non-agriculture companies before now are investing to R/D of new Plant Variety (Medicine/Finance/Construction/Property/...)
- Government reduce of finance to invest on plant breeding for investing to other purposes.



## Farmer's income is increased by using Protected Varieties

Items	Protected Varieties	Non protected varieties
Price of Seed (rice, USD/1 kg)	<u>1.39</u>	0.64
Price of commercial grain is sold by farmer (rice, USD/Ton)	<u>292</u>	236
Average income in 1 ha for farmer (rice); USD	<u>1897</u>	1298
Benefits from seed of protected varieties	<ul style="list-style-type: none"> <li>✓ Better quality, productivity</li> <li>✓ Better tolerance in bad climate and diseases, insect</li> <li>✓ Reduce of invest for production</li> </ul>	<p>?</p> <p>?</p> <p>?</p>

## High Quality (HQ) Rice



ST25 – World's  
Best Rice in  
2019

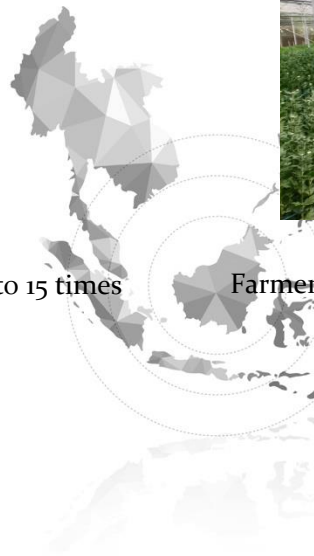
- HQ Rice Varieties is considered before 2000 by many Projects funded by Gov. – Not success
- After 2010, there are some achievement:
  - ✓ 2017: ST24 – Top 3 of the world
  - ✓ 2018: ST24 – Second in the World
  - ✓ 2019: ST25 – Best Quality in the World
- PVP under UPOV Convention is the most important for the achievement mentioned above



Farmer's income increased by new flowers



New rose can be more expensive than old 10 to 15 times



Farmer produce under license from Breeder



## Diversified products for Customers



- ✓ The Company to breed new varieties of the Medicinal plant species instead of exploiting in the forest only as before.
- ✓ Participation to invest on plant breeding from other sector (Construction/Property/ ... Companies) – more finance for breeding
- ✓ Many new varieties from the wild species are bred – contributed to the diversification of PGR
- ✓ This process also contributing to the conservation of PGR



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Father  
(Protected Var.  
from overseas)

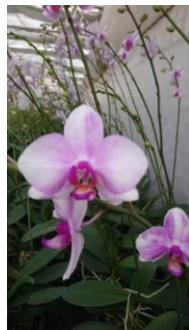


X



Mother  
(Local variety)

Rich of breeding  
material for country  
by exceptions to  
Breeder's Right



New variety



Contributions and Position of private sector are increased

- Become stronger on the size both of Finance and R/D's capacity
- Are playing an important role to the modern and sustainable agriculture in the association of 4 Members "Farmer – Manager – Scientists – Entrepreneur"



LAND CONSOLIDATION



RE-ORGANIZED PATTERN CROP

- Easy success in the province where there is the participation of Enterprise
- They are ready to participate to the policies due to their right is ensured by PVP



FOOD VALUE CHAIN



SAFE CROP PRODUCTION

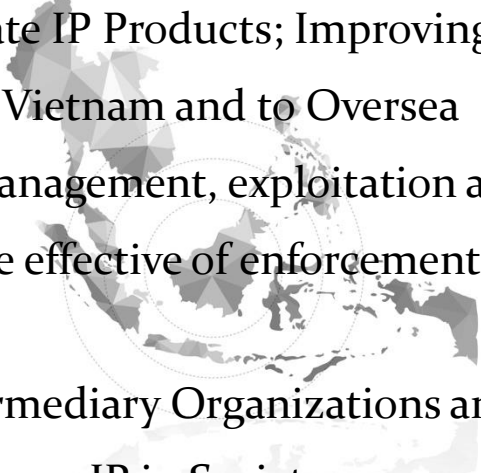


## IP Strategy to 2030

*(Decision No 1068/QĐ-TTg signed by PM on 22 August 2019)*

- Aims of the IP Strategy (For PVP)
  - ✓ No of Application is increased 12 -14%/year.
  - ✓ 10 - 12% of VN's Applications will be filed in abroad;
  - ✓ Make effort to join the establishment of PVP Region for ASEAN+.
  - ✓ At least 1 - 2 VN's PVR is exploited in oversea
- Revise of the IP Law for an effective system

## Content for the first phase to 2025 (Decision No 2205/QD-TTg signed by PM on 24<sup>nd</sup> December 2020)

- 
1. Strengthening activities to create IP Products; Improving human resource on IP
  2. To promote the registration in Vietnam and to Oversea
  3. To improve the efficiency of management, exploitation and development of IP field.
  4. To promote and strengthen the effective of enforcement to prevent on the infringement of IPR
  5. Develop and improve the Intermediary Organizations and IPR Holder
  6. Forming and Creating a culture on IP in Society

## e-PVP Asia (EAPVP Forum Project)



**First Meeting**  
Hanoi, VN on 11<sup>th</sup> October 2018  
(VN, JP, MY, MM and UPOV)



**Second Meeting**  
Vungtau, VN, 27 – 28 Feb. 2019  
(VN, JP, MY, MM and UPOV)



**Third Meeting**  
Hanoi, VN on 3<sup>rd</sup> 4<sup>th</sup> Sept. 2020  
(VN, JP, MY, MM, PH, TH and UPOV)

Meetings are organized by online (VN, JP, MY, MM, BN and UPOV)

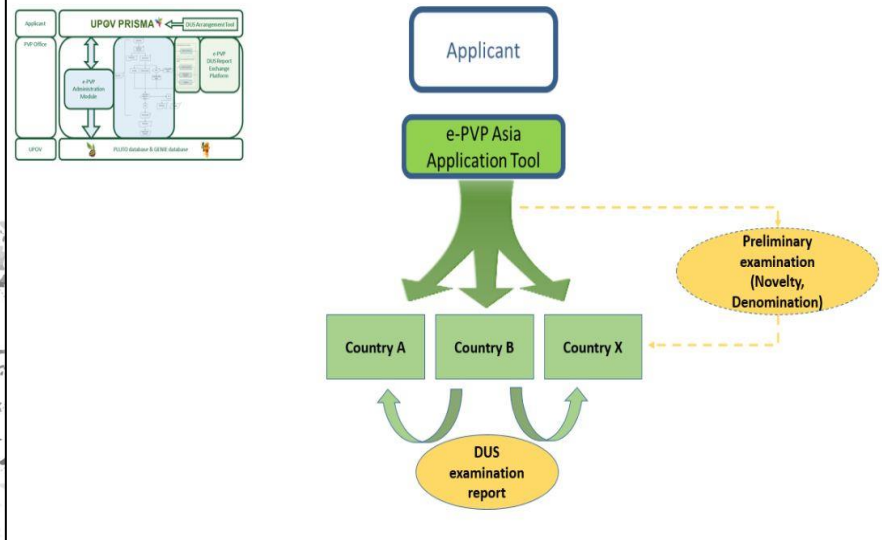


- ❖ 4<sup>th</sup> Meeting: 7<sup>th</sup> and 27<sup>th</sup> May 2020;
- ❖ 5<sup>th</sup> Meeting: 23<sup>rd</sup> – 24<sup>th</sup> November 2020



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



- ❖ 6<sup>th</sup> Meeting: 8<sup>th</sup> to 10<sup>th</sup> March 2021;
- ❖ 7<sup>th</sup> Meeting: 8<sup>th</sup> and 9<sup>th</sup> July 2021

# Thank you for your attention

## ➤ Detail Information:

➤ VSC, VSTA

➤ Room No 314, A2 Build.

No 1, Bac Son, Ngocha Badinh, HANOI

✓ Tel: (8424)37345549;

✓ Website: [WWW.vietnamseed.com.vn](http://WWW.vietnamseed.com.vn)

