


## RECENT DEVELOPMENT OF VIETNAM'S PVP

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CHINA, JAN - 2018





## OUTLINE OF THE PRESENTATION

- HISTORY OF PVP
- RECENT DEVELOPMENT
- IMPACT TO VN'S SOCIOECONOMY
- FUTURE PLANT FOR VN'S PVP.

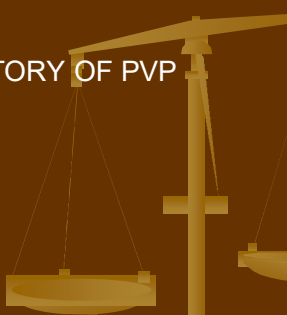


### Background

- Agricultural country.
- High density of population
- **Improve living standard of the people**
  - The current main purpose of VN's Government
- Seed Sector play an important role for the purpose – big contribution of new plant varieties

## HISTORY OF PVP



- ✓ Operating the system under UPOV Convention
- ✓ Exploit the benefits of the system

**Implementing PVP System under UPOV Convention**

2007-NOW

- ✓ Organizations to implement: PVPO/DUS Test Office
- ✓ Drafting Legislation Document (Law, Decree...)

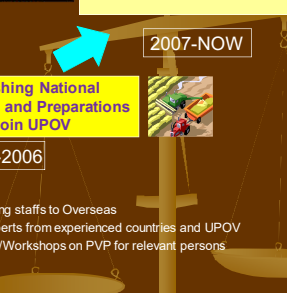
**Establishing National PVP system and Preparations to join UPOV**

2000-2006

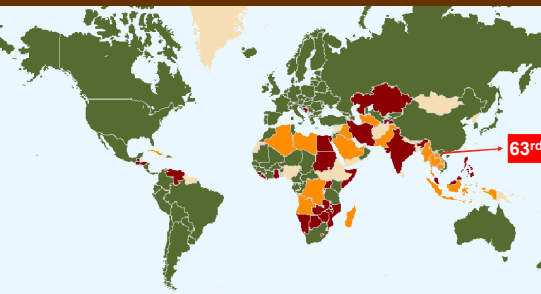
**Study the real conception of PVP**

1995-2000

- ✓ Dispatching staffs to Overseas
- ✓ Invite Experts from experienced countries and UPOV
- ✓ Seminars/Workshops on PVP for relevant persons



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



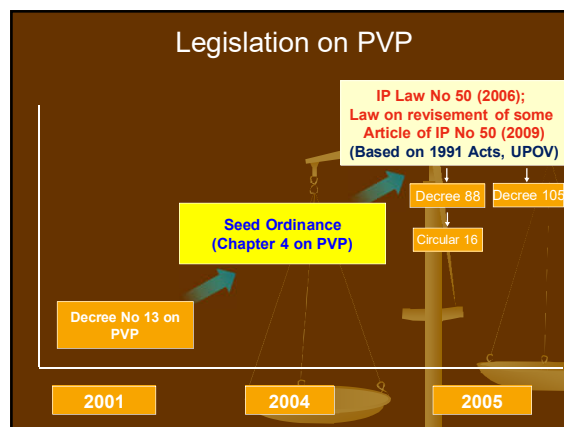
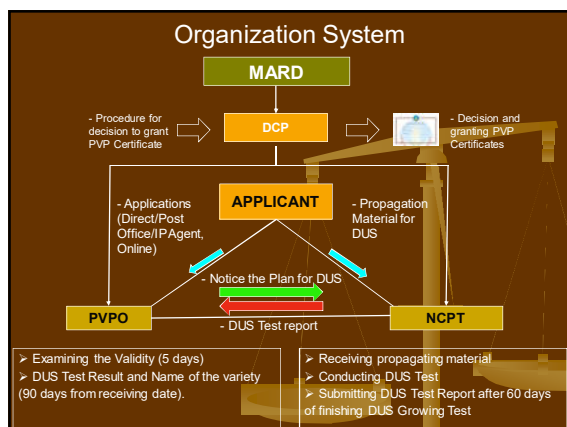
**Members of UPOV (74)**

**Initiating States (15) and Organization (1)**

**States (23) and Organization (1) in contact with the UPOV Office**

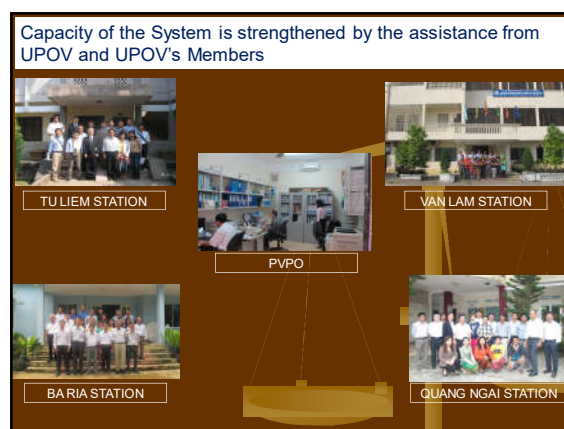
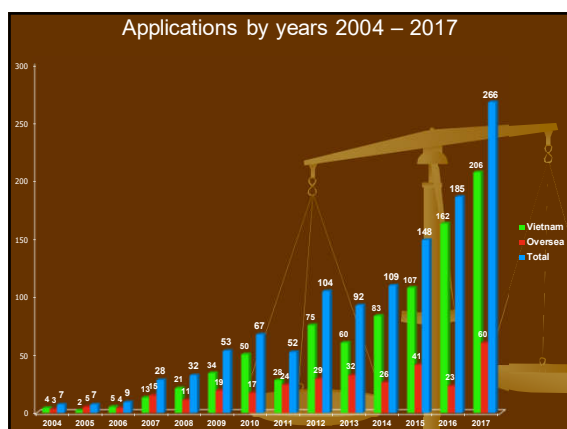
**63<sup>rd</sup>**

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.



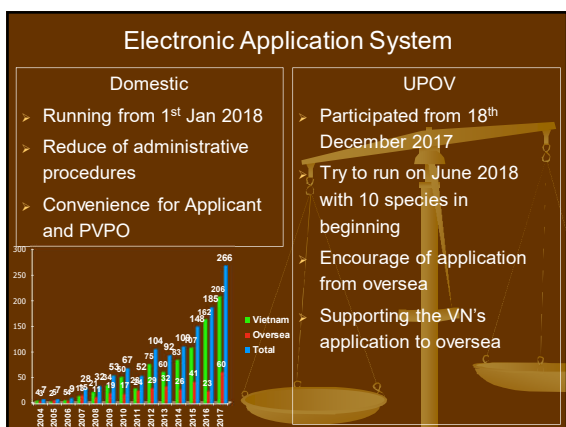
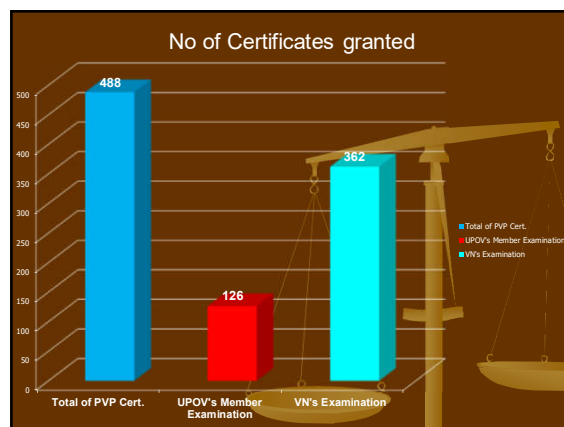
## RECENT DEVELOPMENT

- ### No of plant species is protected by the time
- 2004: 5 species
  - From 24<sup>th</sup> December 2006: 15
  - From 2006 to 24<sup>th</sup> December 2016: The number of plant species is expanded by the year and reach to 107 species until 2016.
  - After 24<sup>th</sup> Dec. 2016: Protected all plant species – full Member of UPOV – According to 1991 Acts of UPOV Convention

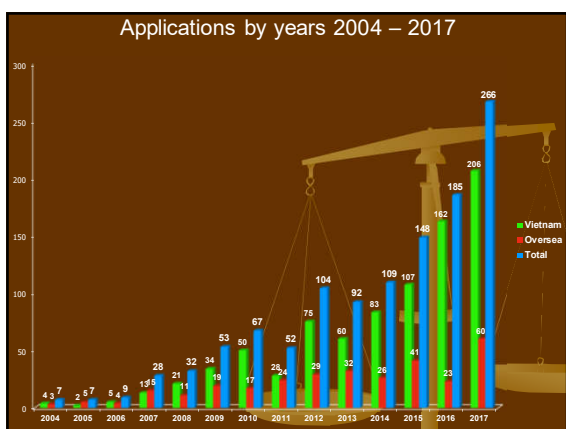


Improving capacity by the cooperation on examination

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"> <li>✓ Negotiation: Email</li> <li>✓ Signing by each side then exchange through Post mail</li> </ul>
Korea	April, 2017	



IMPACT TO VN'S SOCIOECONOMIC



**Increasing the income of farmer**

- A cuttings of new rose varieties may reach 10 – 15 times more expensive than old Var.
- New variety is introduced in VN
- Farmer have chance to increase their income

### Increasing agriculture productivity

Plant breeding in Viet Nam: Yield vs. overall productivity developments

Vietnamese yield developments over time: major arable crops (index, 2005=100%)

→ Per annum since 2005:  
 - rice: + 1.6 %  
 - corn: + 1.8 %  
 - sw. potatoes: + 3.6 %

→ To compare, global yield increases are in the range of:  
 - rice: + 1.3 %  
 - corn: + 1.1 %  
 - sw. potatoes: - 0.3 %

→ Can Viet Nam already be considered an out-performer?

Source: Own calculations and figure based on FAO (2016), GSO (2016) and IRRI (2016).

### Contribute to the GDP

Plant breeding benefits: Supply changes also have monetary implications

The income effects referring to major arable crops are just part of the overall impact.

→ Whereas approximately USD 3.5 billion have been added to GDP when looking at rice, corn and sweet potatoes, ...

→ ... an additional GDP of at least USD 0.2-0.3 billion has been added by having invested ten years into plant breeding for flowers.

→ Indeed, Viet Nam has become one of the fastest growing flower markets.

### Change the mode on the agriculture production

Farmer produce under license from Owners

Waiting to the aircraft for exportation

### Change the mode on the agriculture production

The Seed distribution system of new Var.

**BEFORE PVP**  
 Breeders → Farmer  
 No Professional distribution system  
 Is not professional, Difficult on Seed Quality control

**AFTER PVP**  
 Breeders → License → Company → Royalty → Farmer  
 Good professional distribution system  
 Good service for the farmer; Better seed quality due to professional

### Encouraging of investment from private sector and oversea

LAND CONSOLIDATION

RE-ORGANIZED PATTERN CROP

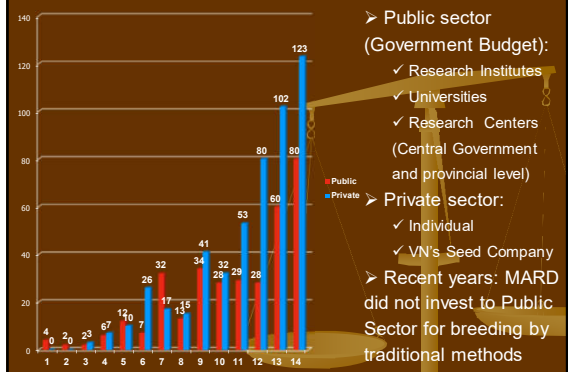
FOOD VALUE CHAIN

SAFE CROP PRODUCTION

### Encouraging of investment from private sector and oversea

- Before PVP: almost of them are trade company (not interest in RD)
- When PVP system is established:
  - ✓ Beginning: they are licensed to exploit PBR from owner (transferred)
  - ✓ They develop breeding facility
- Now, many of them have own breeding facility
- Some become big with very good breeding facility.

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



- Public sector (Government Budget):
  - ✓ Research Institutes
  - ✓ Universities
  - ✓ Research Centers (Central Government and provincial level)
- Private sector:
  - ✓ Individual
  - ✓ VN's Seed Company
- Recent years: MARD did not invest to Public Sector for breeding by traditional methods



### Strategy to develop VN's IP until 2030 (drafting)

- General purpose: *"A Modern National IP System become a tool to speed up the National Economy"*
- Specific purposes:
  - ✓ Quantity and Quality of IPR from Vietnamese is increased
  - ✓ Capacity of IP Authorities Office is improved
  - ✓ Decrease of the infringement;
  - ✓ The measures of punishment will be mainly based on justice
  - ✓ Administrative procedures is simple
  - ✓ The No of corporation using IPR products for the development is increased

### To promote of International Cooperation

- Cooperation on examination of application (UPOV Members) – To make more effective system
- Sharing experiences with region countries
- Harmonization on technical and administrative procedures

Year	Tổng số đơn	Tổng số Bằng đã cấp
2008	51	5
2009	83	18
2010	135	29
2011	204	60
2012	255	99
2013	369	145
2014	451	213
2015	560	251
2016	708	314
2017	893	380
2018	1199	438

### Sharing experience with regional countries

- Under the cooperation with UPOV, EAPVP and other Members, implementing some activities:
  - ✓ Seminar on PVP
  - ✓ Training in Vietnam
- Providing the service of conducting DUS Test for some crops to other country.

### Thank you for your attention

- Detail Information:
  - PVP Office
    - ✓ Room No 105, A6 Build.
    - No 2 Ngocha Badinh, HANOI
    - ✓ Tel: (844)38435182;
    - ✓ Fax: (844)37342844
    - Website: <http://pvpo.mard.gov.vn>