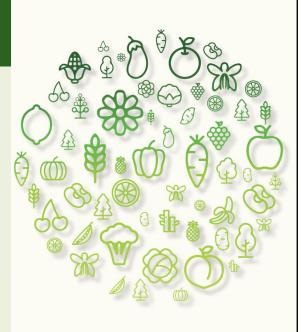
Benefits of the UPOV system of Plant Variety Protection for agriculture development

Manabu Suzuki Technical/Regional Officer (Asia), UPOV

> August 3, 2023 Vientiane, Lao PDR

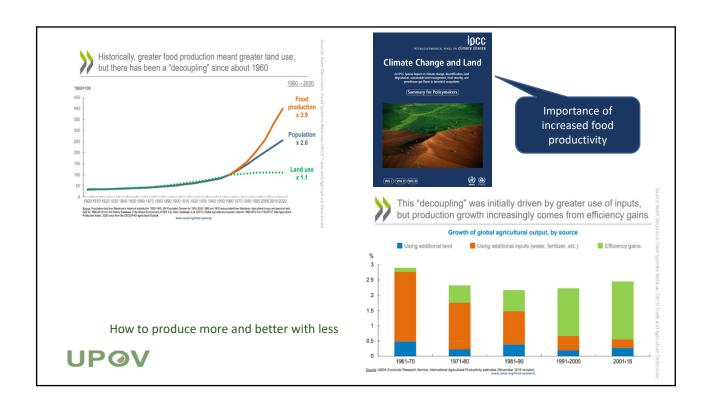


Preview

- 1. How to encourage the development of new improved varieties
- 2. Example of benefits in UPOV system for agriculture development (for society)
- 3. Services for UPOV members and users of the UPOV system

UPOV

2



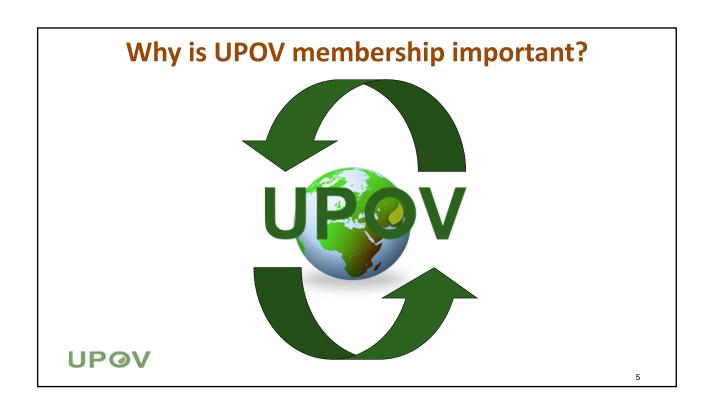


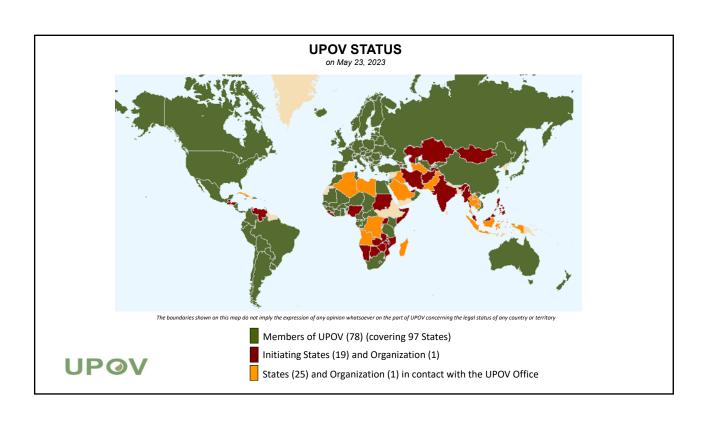
MISSION STATEMENT

To provide and promote an effective system of plant variety protection, with the aim of encouraging the development of new varieties of plants, for the benefit of society

UPOV

4





How to become a member of UPOV

State/Intergovernmental Organization must:

- Have a law which conforms to the UPOV Convention
- Ask advice of the Council of UPOV
- If advice positive: deposit instrument of accession

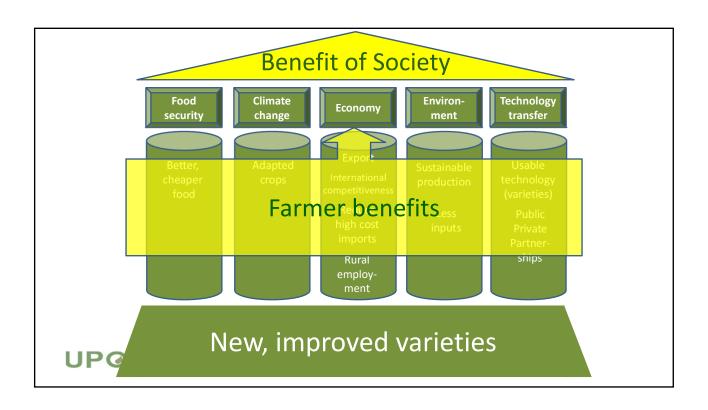
UPOV

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UPOV





IMPACT STUDY in VIET NAM*

Annual land productivity developments since Viet Nam joined UPOV in 2006 in

- 1995-2005: increase in yield mainly through increased level of inputs – no detectable increase due to plant breeding
- 2006-2016: <u>annual</u> land productivity increase due to plant breeding

Rice 1.7 %Corn 2.1 %

 "The socio-economic benefits of UPOV membership in Viet Nam; An ex post assessment on plant breeding and agricultural productivity after 10 years" (Corresponding author: Steffen Noleppa) by HFFA Research GmbH

• https://www.upov.int/about/en/benefits upov system.html

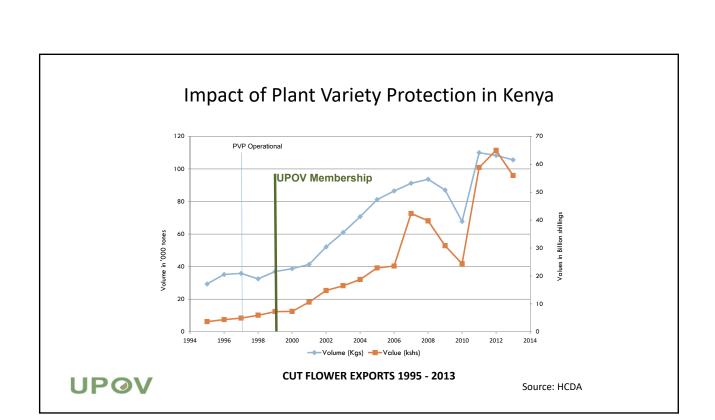
Annual value added:

Arable farming
Horticulture
Floriculture
\$0.2 billion

GDP added upstream/downstream (value chains)
 \$1.5 billion

TOTAL ADDED: \$5 billion

(> 2.5% GDP)



hffa 🖨



Impact of PVP in Kenya

Cut Flower Industry

- The Kenyan floriculture market was valued at USD 861.6 million in 2018, and is projected to register an annual growth of 4.7% during the forecast period (2020-2025).
- In the year 2020, 142,477.8 MT of fresh flowers valued at USD 1.09 billion was produced in Kenya.



Impact of Plant Variety Protection in Kenya

Simon M. Melins,

Head, Soed Certification and Plant Variety Protection,
Kanya Plant Health Impactores Everice (KEPHS)

(weblic Imministration)

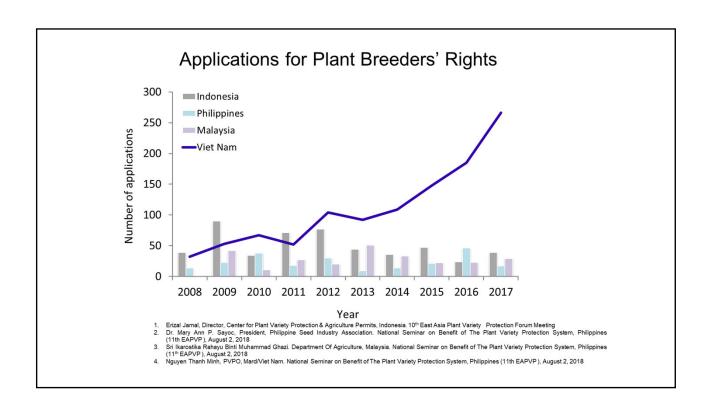
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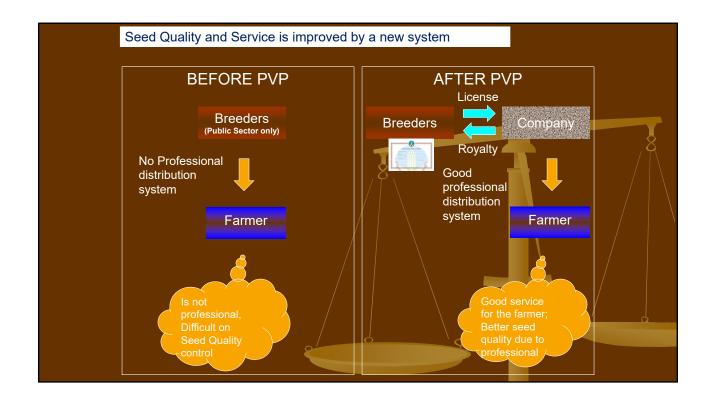
Impact of PVP in Kenya

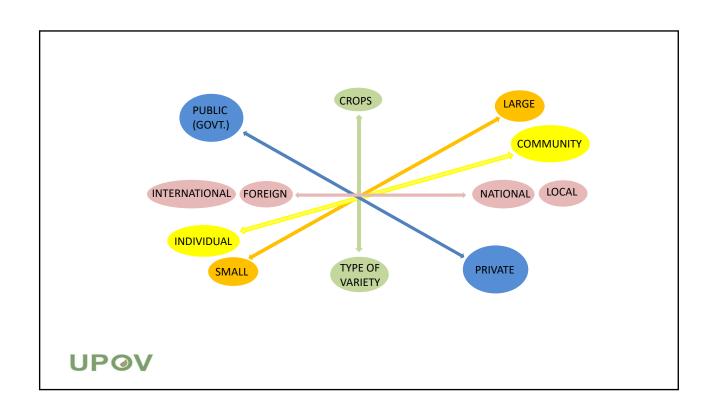
Employment creation

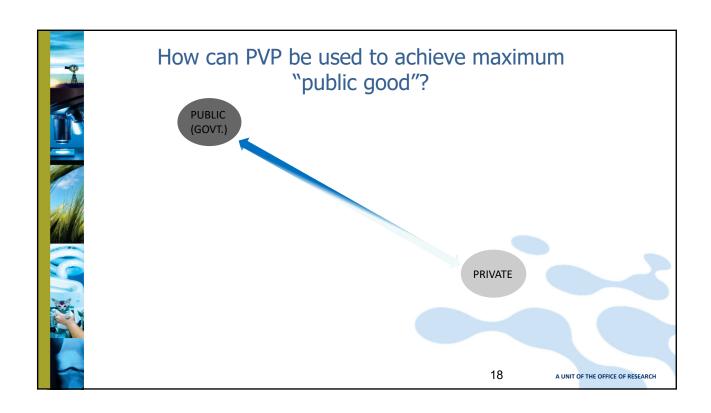
 It is estimated that the floriculture industry employs over 150,000 people directly and more than 500,000 indirectly who supply goods and services

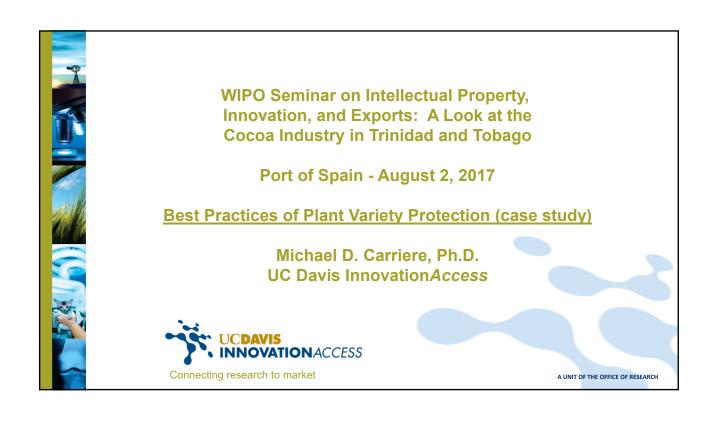


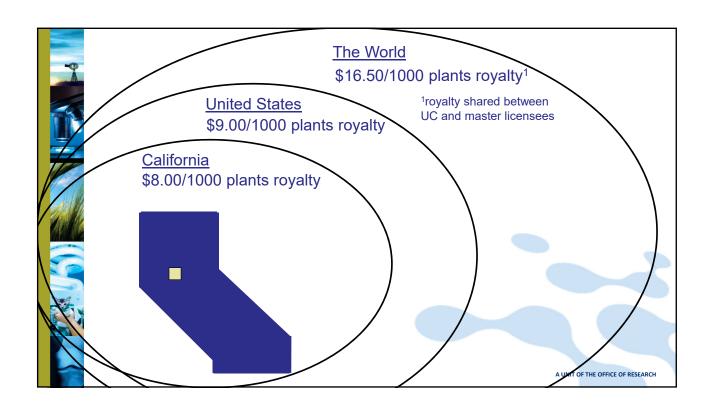










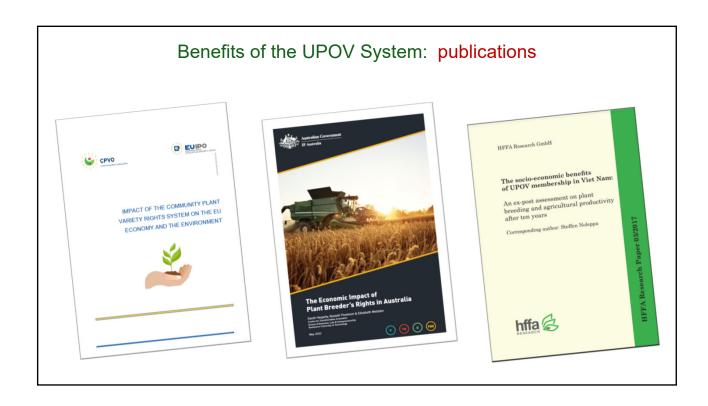


		s' Rights (PBR) Filings for UC rieties 'Benicia' and 'Mojave'	
A		nonos Bomoia ana mojaro	
	Argentina	PBR	
	Australia	PBR	
	Belarus	PBR	
	Brazil	PBR	
	Canada	PBR	
-	Chile	PBR	
	China	PBR	
	Columbia	PBR	
100	Ecuador	PBR	
	EU	PBR	
	India	wait for UPOV PBR availability	
	Israel	PBR	
	Japan	PBR	
AL 18	Jordan	PBR	
	Lebanon	wait for UPOV PBR availability	
	Mexico	PBR	
	Morocco	PBR	
	New Zealand	PBR	
	Peru	PBR	
and -	Republic of Korea	PBR	
Wit .	Saudi Arabia	wait for UPOV PBR availability	
	South Africa	PBR	
	Switzerland	PBR	
A STATE OF THE STA	Tunisia	PBR	
	Turkey	PBR	
and the second	Uruguay	PBR	

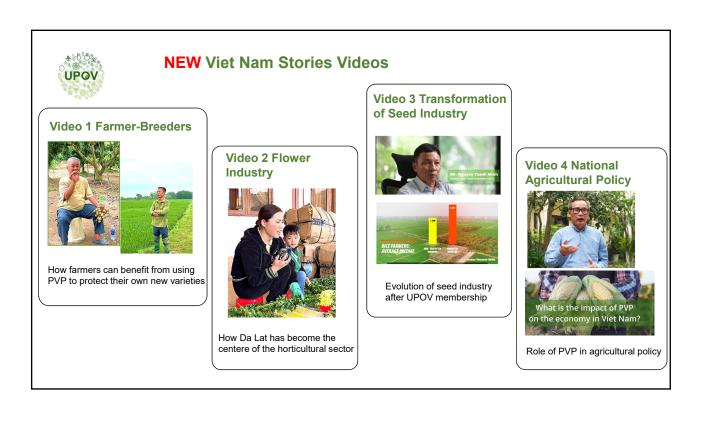
Farmers: income is increased Example on b	penefits of Protected Vai	rieties
Items	Protected Varieties	Non protected varieties
Price of Seed (rice, USD/1 kg)	1.39	0.64
Price of commercial grain is sold by farmer (rice,USD/Ton)	<u>292</u>	236
Average income in 1 ha for farmer (rice); USD	1897	1298
Benefits from seed of protected varieties	✓ Better quality, productivity✓ Better tolerance in bad climate and diseases, insect	?
* Source: VINA Seed Corporation (r	report on Nov. 2020) : for production	?

UPOV = more choice for farmers...

UP@V







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UP@V



