



Plant Breeders' Rights: key to the flow of innovation

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UPOV



International Union for the Protection of New Varieties of Plants

September 27, 2022



UPOV 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”

Strategic Pillars

1. Bringing together stakeholders to oversee and shape the UPOV system
2. Provide information and guidance on the UPOV system
3. Provide high quality services for UPOV members and users of the UPOV system

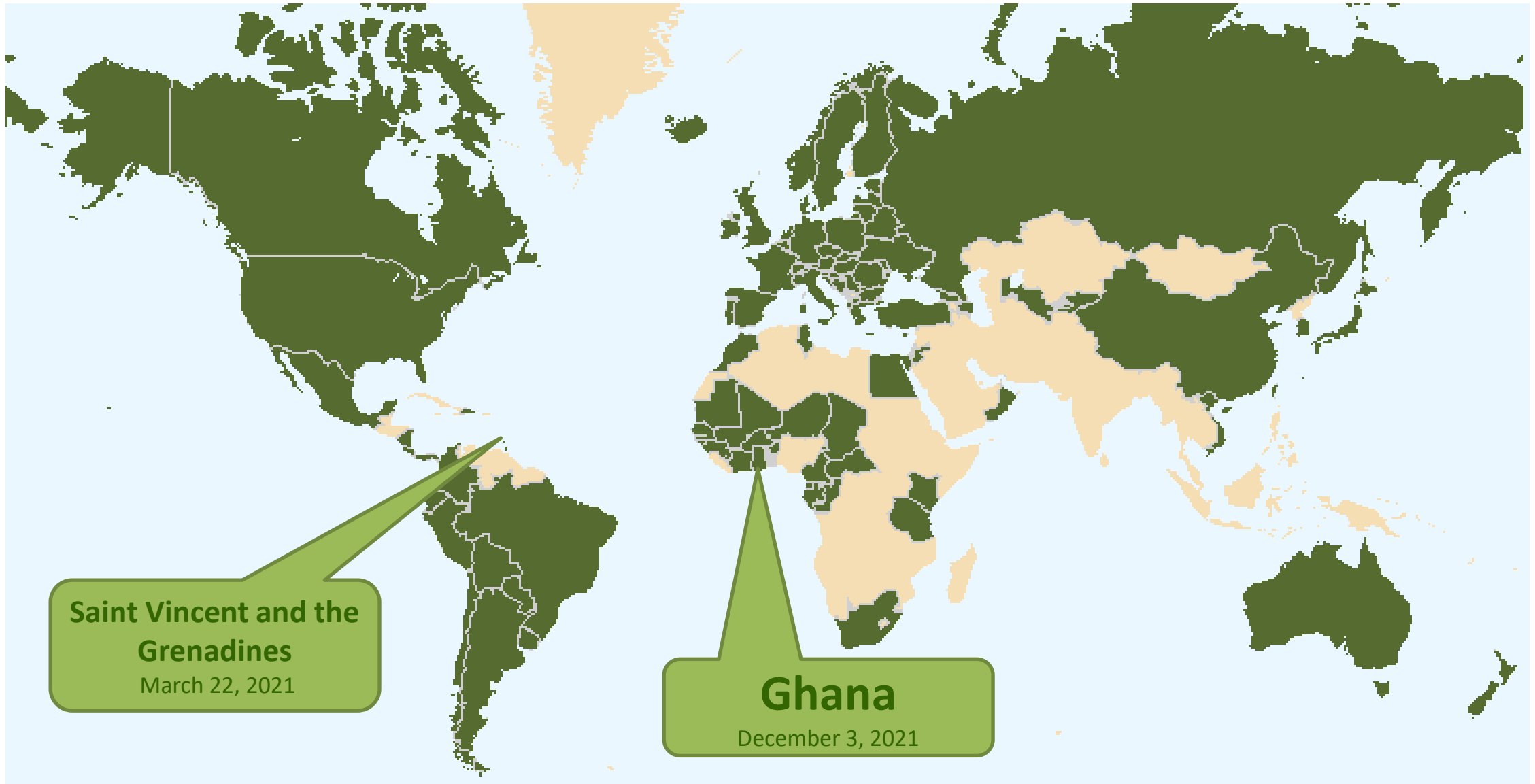
Ghana accedes to the UPOV Convention

November 3, 2021

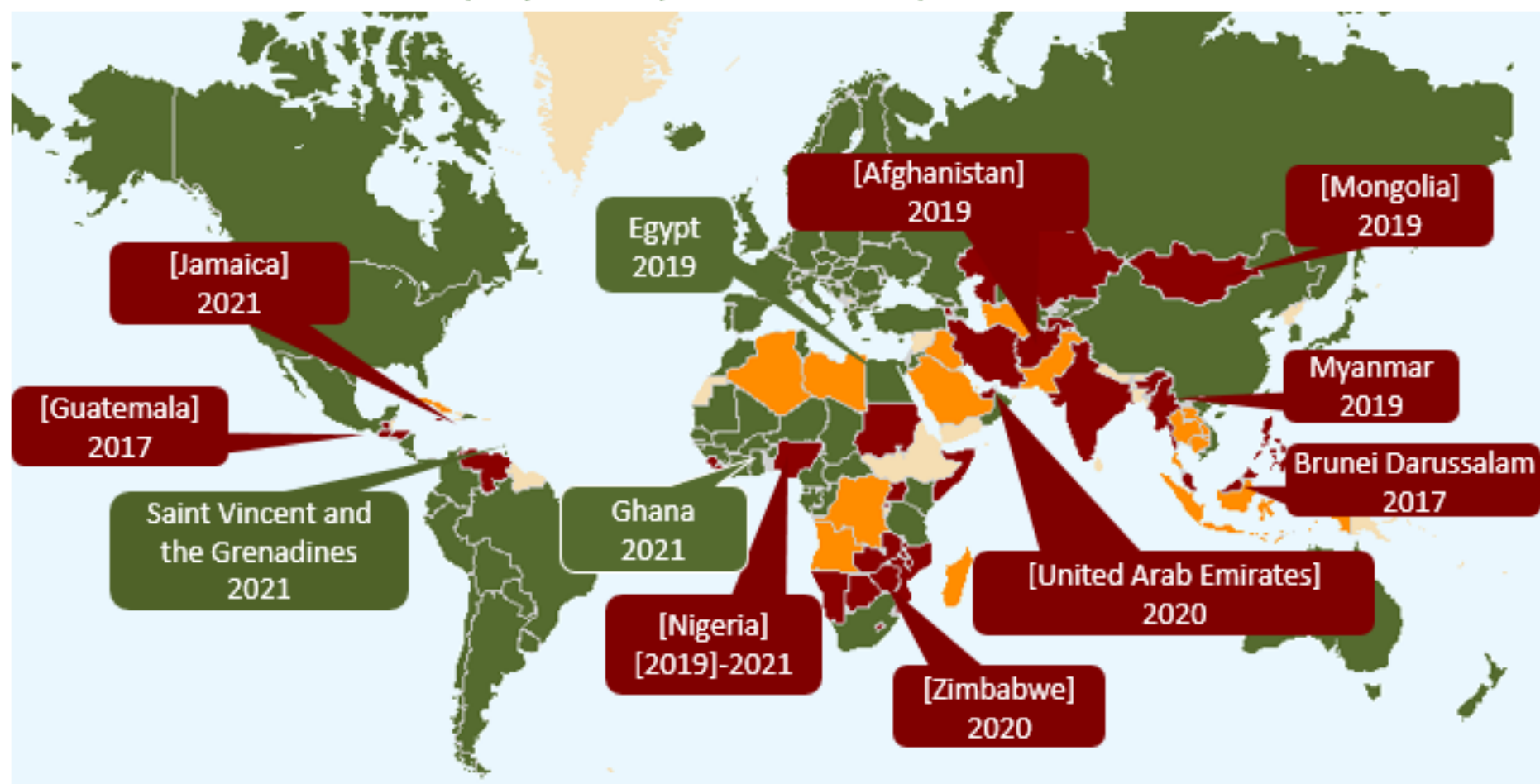


UPOV now has 78 members covering 97 States

UPOV members



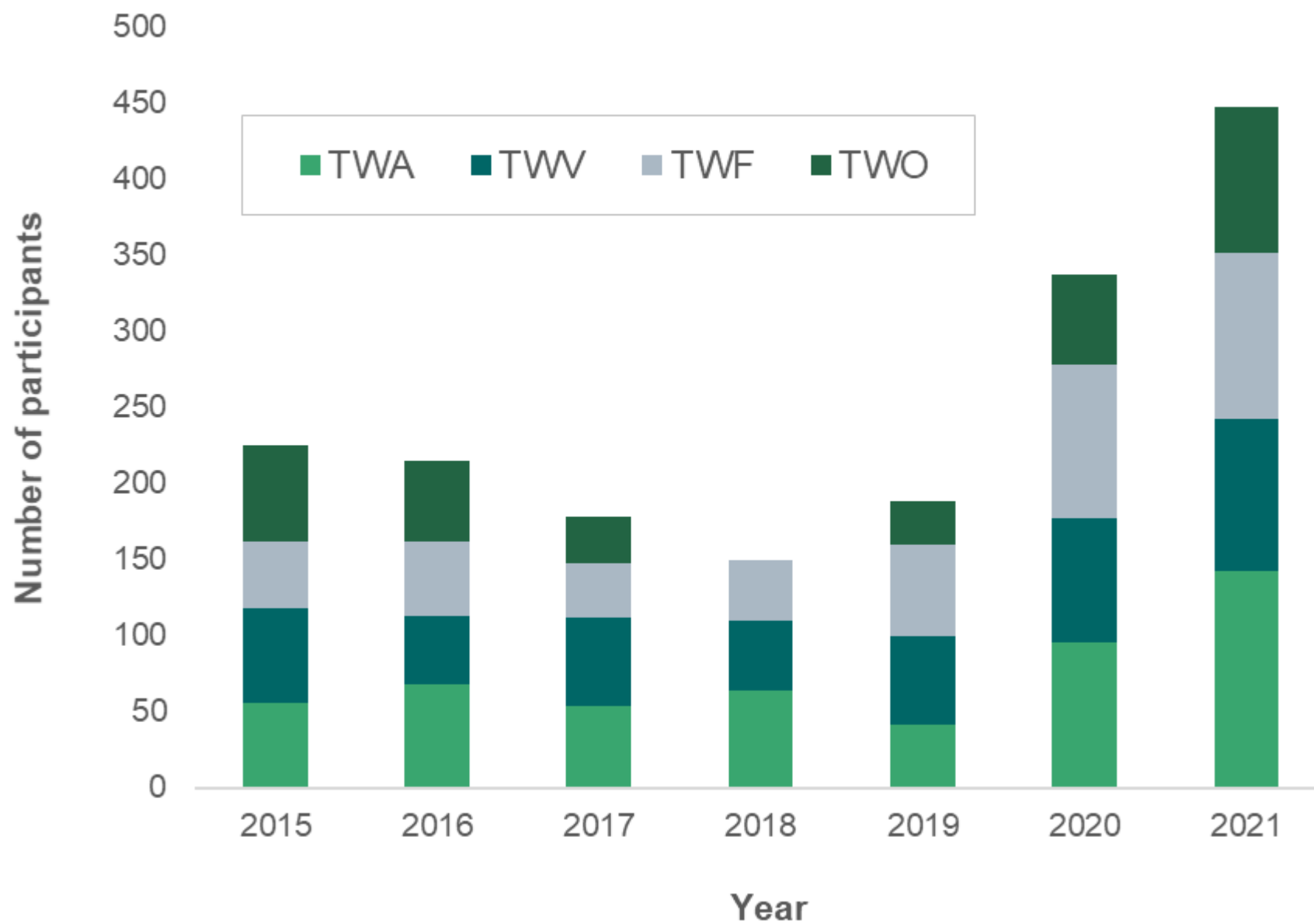
UPOV members and UPOV Council examination of [draft] Laws (2017-2021)
(all positive) status *June 28, 2022*



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

- Members of UPOV (78) (covering 97 States)
- Initiating States (19) and Organization (1)
- States (22) and Organization (1) in contact with the UPOV Office

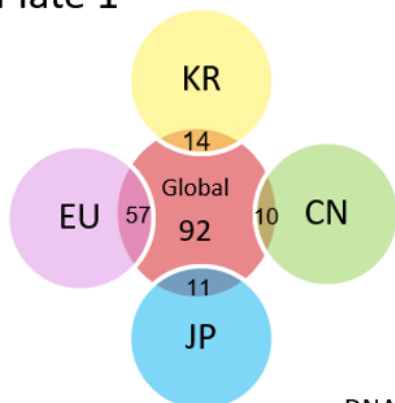
TWP participation



Variety testing procedures

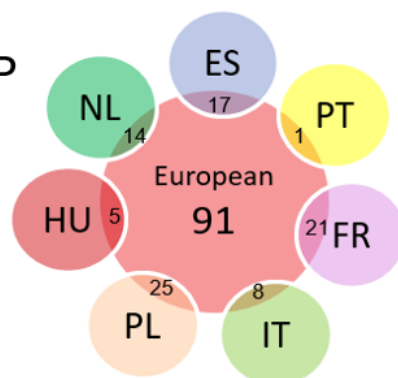
GLB set vs EU set

Plate 1



NO OVERLAP

Plate 2

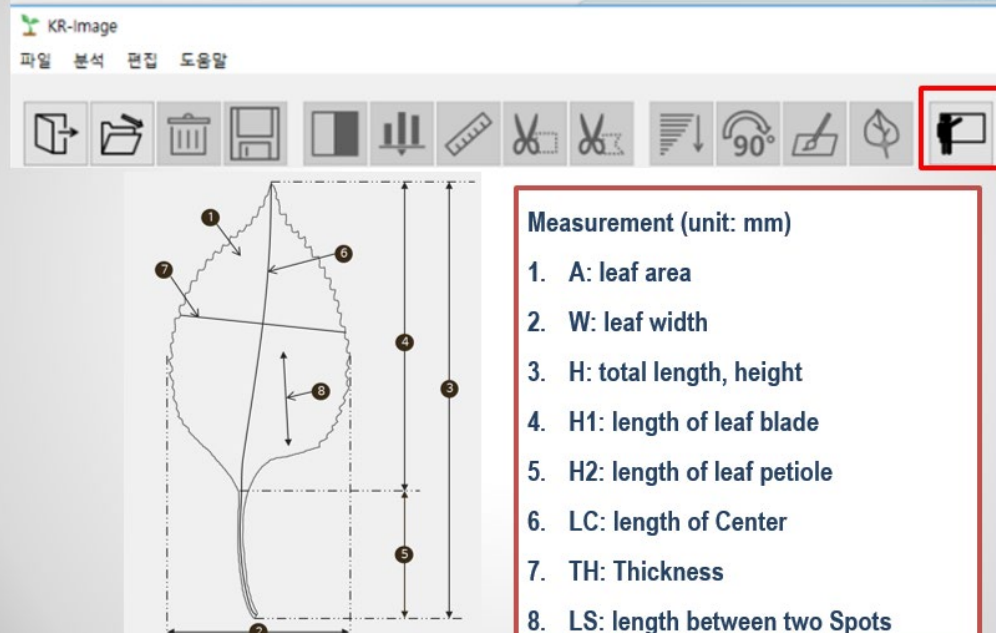


DNA quality was very high
200 ul of 20 ug/ul

Global set of Varieties
Tested by all 7 lab partners

European set of Varieties
Tested only by 4 lab partners

1. Image Analysis for Measurement

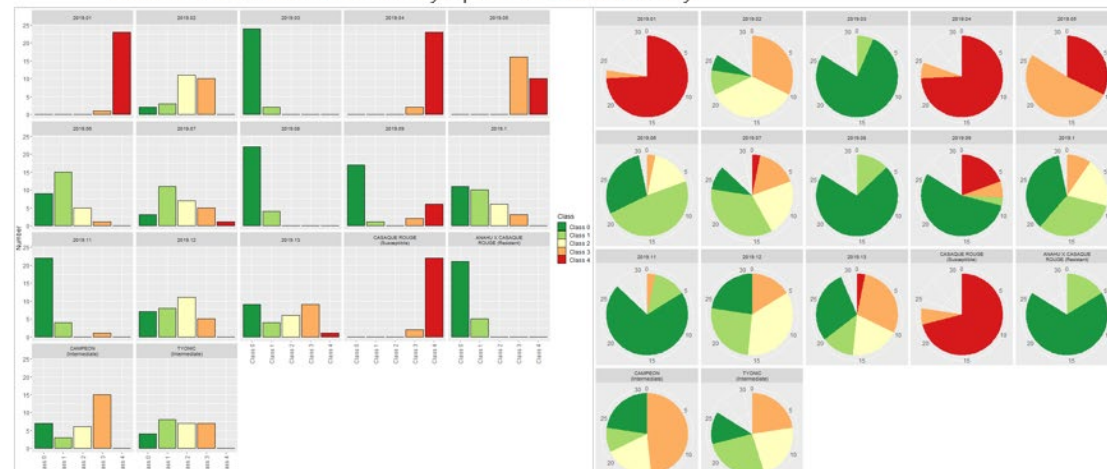


Statistical Methods

Study of the susceptibility/resistance of varieties

Histogram – Pie chart

Allows to view distribution of symptoms for each variety



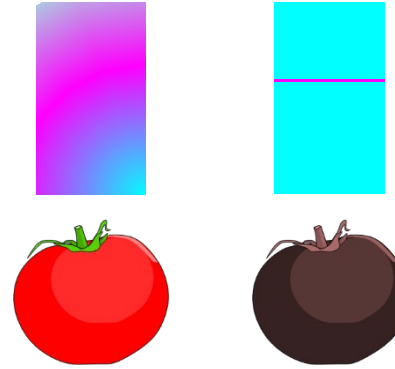
DURDUStools

Development of a
common online molecular database
and a genetic distance calculation tool for
durum wheat



Information and guidance

- Essentially Derived Varieties



- Harvested material



- Smallholder farmers
in relation to private and non-commercial use





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Benefits of the UPOV System: latest VIDEOS





NEW VARIETIES OF COMMON

BEANS

(PHASEOLUS VULGARIS)

IMPACT ACHIEVED BY EMBRAPA
THROUGH PLANT VARIETY PROTECTION
OF NEW VARIETIES IN BRAZIL

FONTE: ARAÚJO, José Cordeiro de. A Lei de Proteção de Cultivares: análise de sua formulação e conteúdo. 2010

NUMBER OF NEW BEAN VARIETIES RELEASED ANNUAL AVERAGE

4
VARIETIES/YEAR



BEFORE PVP

15
VARIETIES/YEAR



AFTER PVP

After plant variety protection was introduced, 15 new varieties were released per year

Benefits of the UPOV System: publications



European Union:

Community Plant Variety Rights by firm size

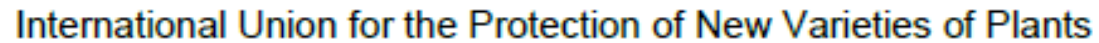
size	%CPVR	Number of CPVR	% firms	Number of firms	CPVRs per firm
physical	8.0	1 510	36.8	451	3.3
micro	21.7	4 116	32.8	402	10.2
small	11.5	2 171	15.5	190	11.4
medium	18.8	3 554	8.5	104	34.2
large	40.0	7 580	6.5	80	94.8
SME + physical	60.0	11 351	93.5	1 147	9.9

Table 5.4: Registered CPVRs by size of owner (end 2021)



IMPACT OF THE COMMUNITY PLANT
VARIETY RIGHTS SYSTEM ON THE EU
ECONOMY AND THE ENVIRONMENT





**Geneva, October 11 and 12, 2022 (virtual meetings)
and October 26, 2022 (hybrid meeting)**



UPOV



**SEMINAR ON STRATEGIES THAT ADDRESS
POLICIES INVOLVING PLANT BREEDING
AND PLANT VARIETY PROTECTION**

OCTOBER 20, 2021
(GENEVA, SWITZERLAND)



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UPOV on Twitter

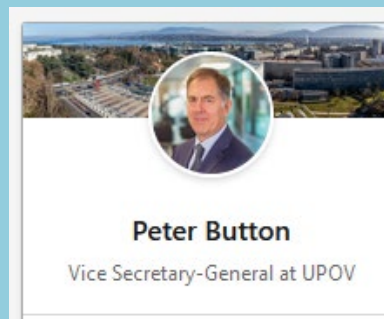
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LinkedIn



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New version launched October 11, 2021

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- saved search criteria

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per year



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- Standard Service

Media



October 5 Webinar (recording/video)



6 items selected

applications for varieties of

Glycine max (L.) Merr.

in Choose

Refresh

Save Search Criteria

Upload existing search criteria

Print Results

Download

Total Records :: 23274

13 columns selected

Save Display

	Type ↑↓	Authority ↑↓	App. Date ↑↓	Grant Date ↑↓	Variety Identifier ↑↓	End Date ↑↓	End Type
>	NLI	Croatia			HR_1005382_NLI	2007-10-17	TER
>	NLI	Croatia	1995-01-01		HR_1000852_NLI		REJ
>	NLI	Croatia	1992-01-01		HR_1000850_NLI		WDR
>	NLI	Croatia	2018-02-02	2020-03-09	HR_1006937_NLI		
>	NLI	Croatia			HR_1005390_NLI	2007-10-17	TER
>	NLI	Croatia	2007-01-31	2010-02-16	HR_1002763_NLI		
>	NLI	Croatia	2021-02-23		HR_1007241_NLI		
>	NLI	Croatia			HR_1005394_NLI	2007-10-17	TER
>	NLI	Croatia	1999-03-15	2002-02-19	HR_1000049_NLI	2011-11-23	SUR

Overview of all
submissions



Online service for PVP
applications



Find all PVP
application
procedures



70 + countries
covered



Reminders for
Novelty & Priority



Language choice
to read forms



Copy data to
other
applications



Translation of
predefined
responses



www.upov.int/upovprisma



63%
Mandatory



47.9%
Online service
for PVP
applications



31.5%
Covers a range of
authorities where I
would like to
protect my varieties



31.5%
Copy data



26%
Overview of
all
submissions



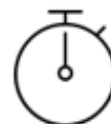
28.8%
Collaborate
with
colleagues



21.9%
Find PVP
application
procedures



19.2%
Fill in forms in a
range of
languages &
translate



19.2%
Save time



15.1%
Client asked me to
use



12.3%
Promote work as
agent in some
authorities

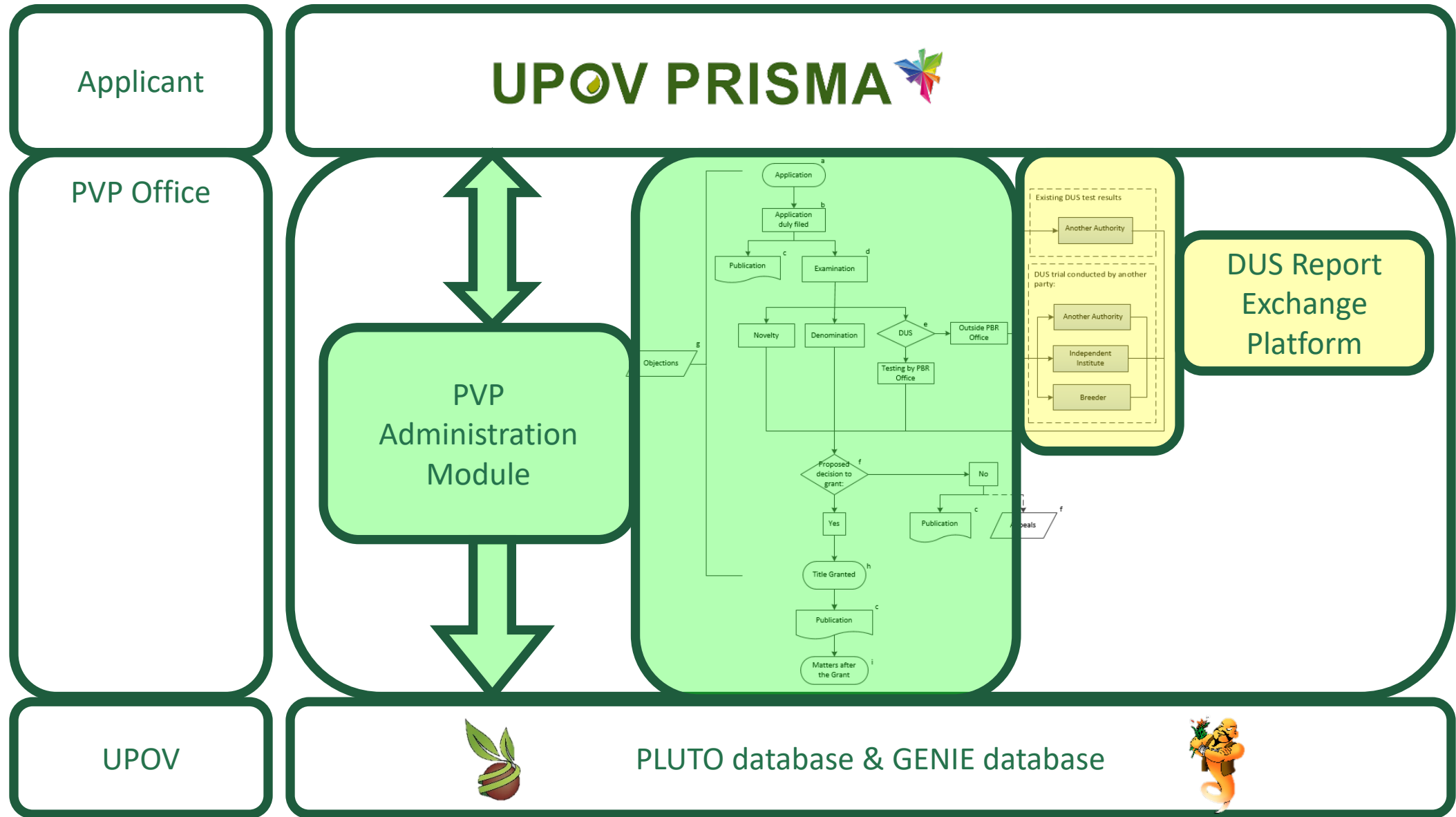


11%
Notified on
deadlines related
to novelty and
priority

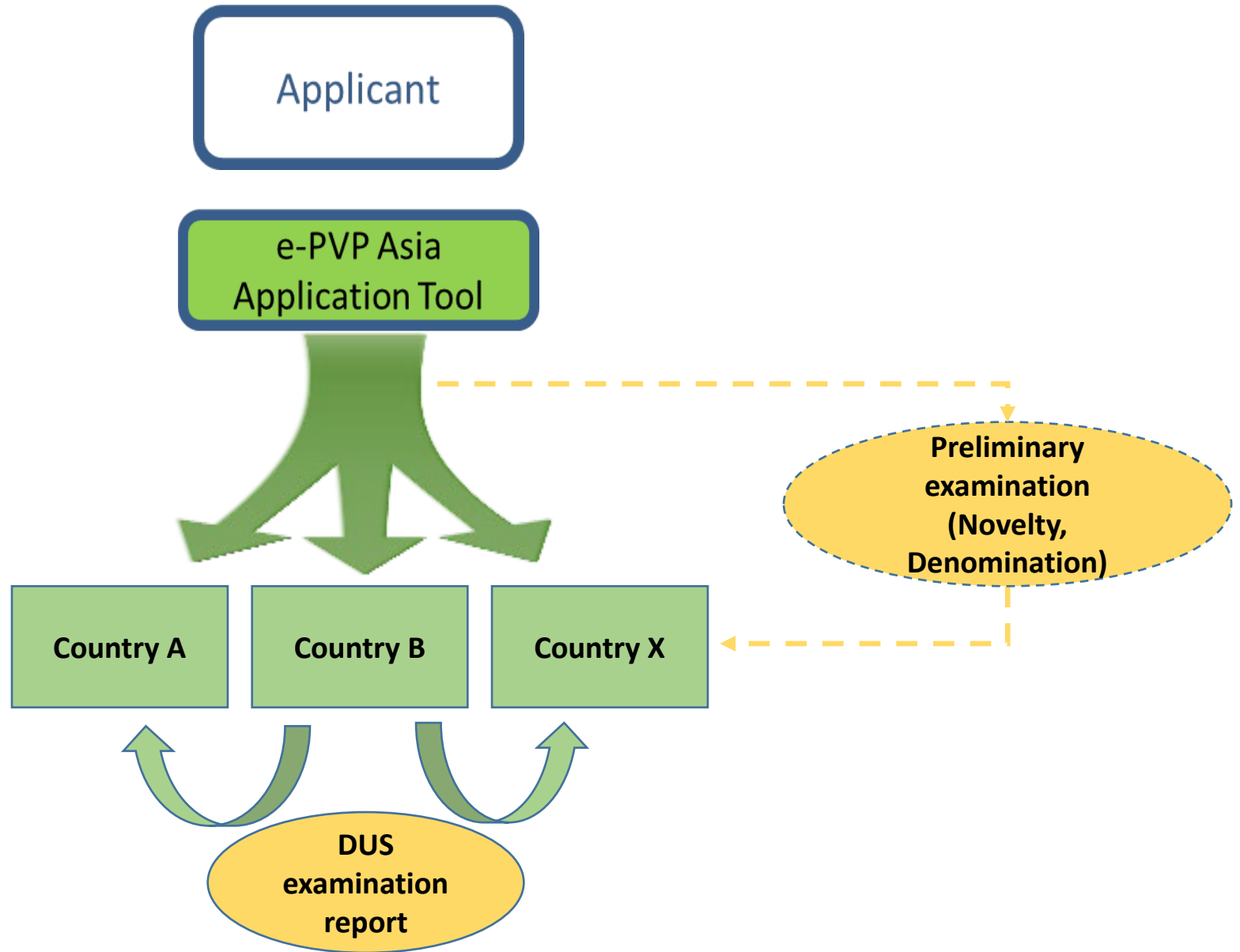
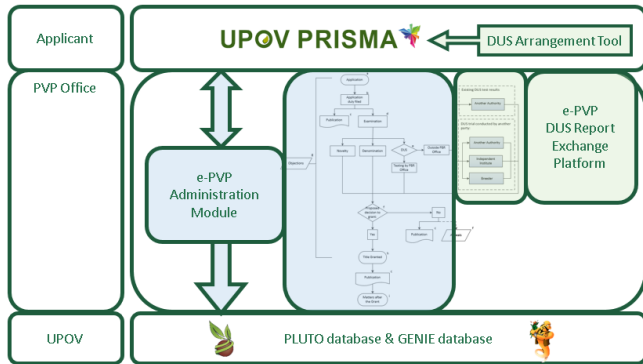


1.4%
other

e-PVP



e-PVP Asia (EAPVP Forum Pilot Project)





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