



# **Roving Seminar on WIPO Services and Initiatives**



**London, United Kingdom  
April 30, 2018**

# Introduction to WIPO



Ms. Cathy Jewell, Senior Information Officer,  
Communications Division

**London, April 30 2018**



# Who we are

- International intergovernmental organization
- Established in 1967
- 191 member states
- 350 + accredited observers
- 1300 staff from 120 countries
- 26 treaties




# Powering change: Women in innovation and creativity

**World Intellectual  
Property Day 2018**  
April 26



#worldipday  
[wipo.int/ipday](http://wipo.int/ipday)  
[youtube.com/wipo](https://youtube.com/wipo)

# Where we are



A world map with a blue background and white outlines of continents. The map is overlaid with a grid of binary code (0s and 1s). Several countries are labeled with white text, and two are labeled with yellow text. The labels are: New York (North America), Geneva HQ (Europe), Brazil (South America), Algeria (Africa), Nigeria (Africa), Russia (Russia), China (East Asia), Japan (East Asia), and Singapore (Southeast Asia).

New York

Geneva HQ

Russia

China

Japan

Algeria

Nigeria

Brazil

Singapore

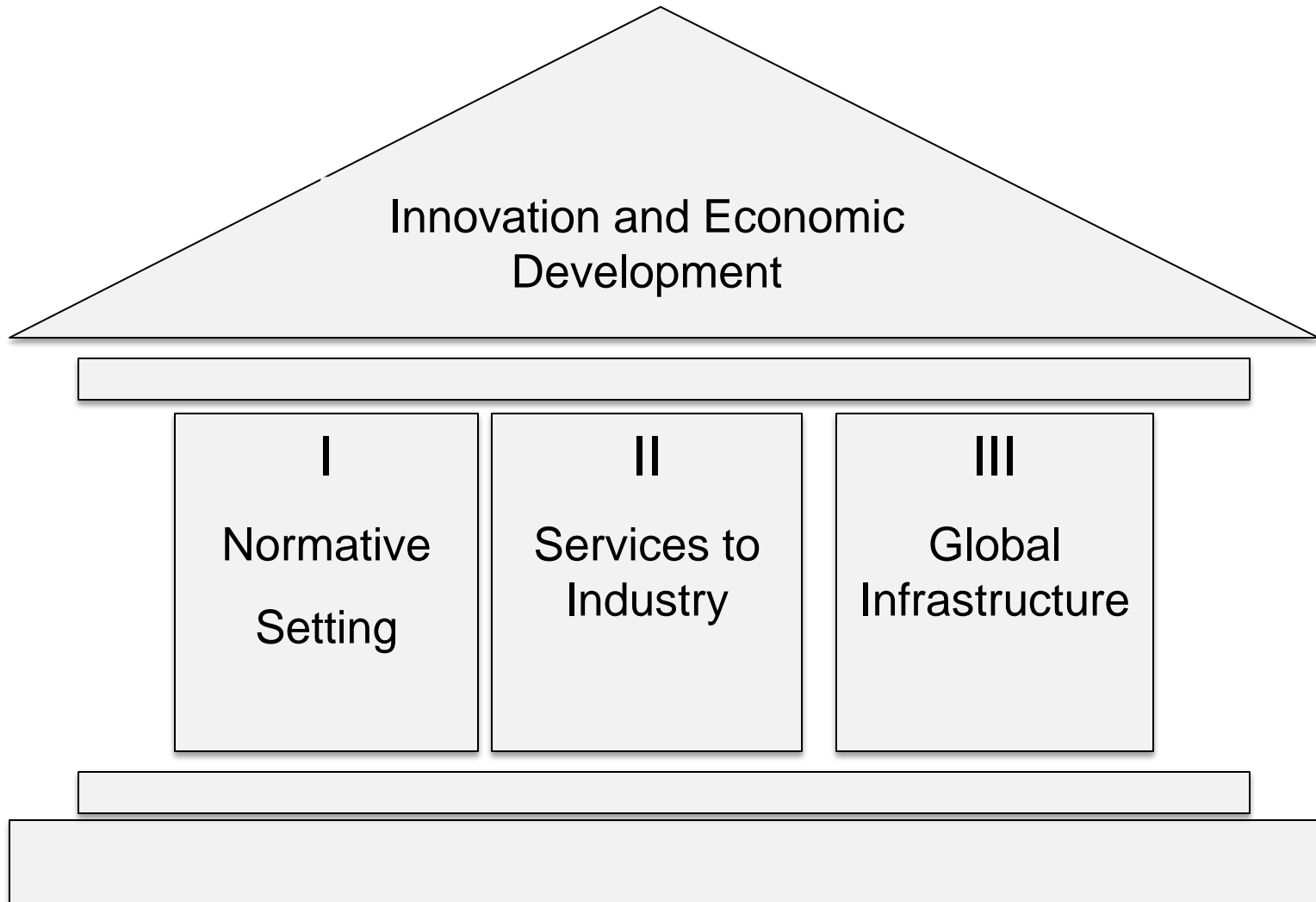
**WIPO main offices**

# What we do



We help governments,  
businesses and  
individuals make  
**intellectual property**  
work for **innovation**  
and **creativity**

# How we do it



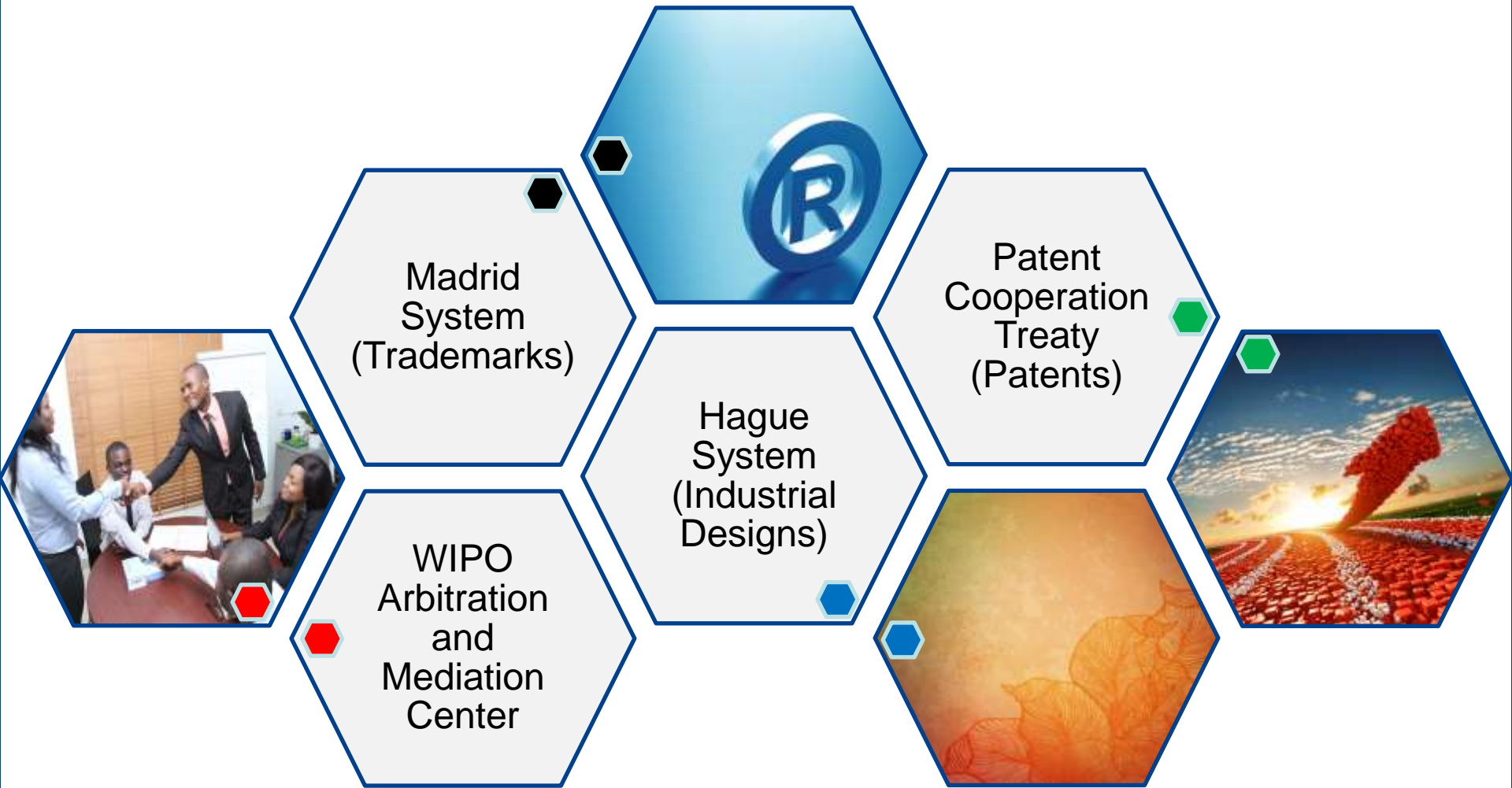
# 1. Normative Developments

- Singapore Treaty on the Law of Trademarks (2006)
- Marrakesh Treaty for Visually Impaired Persons (2013)

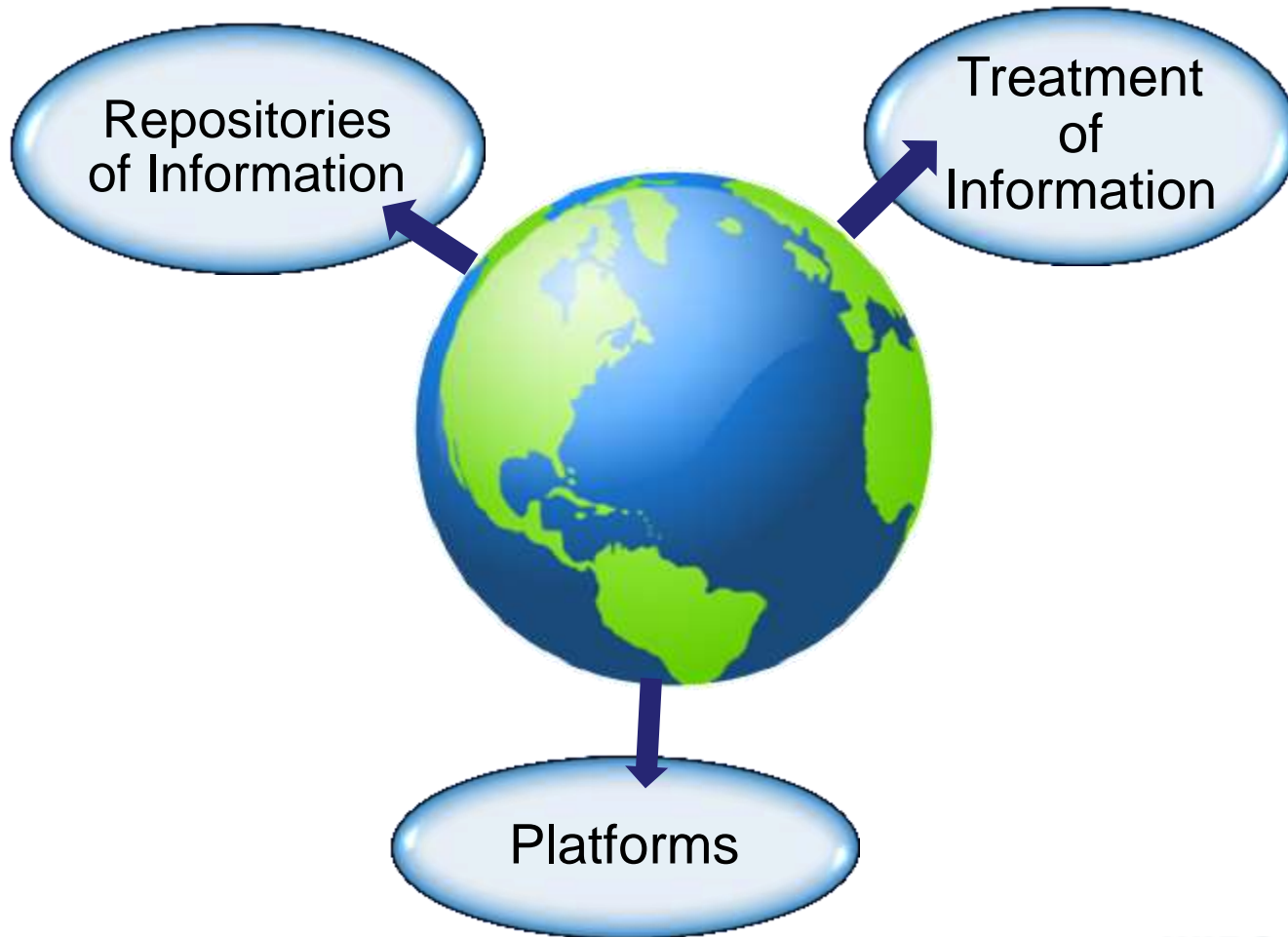




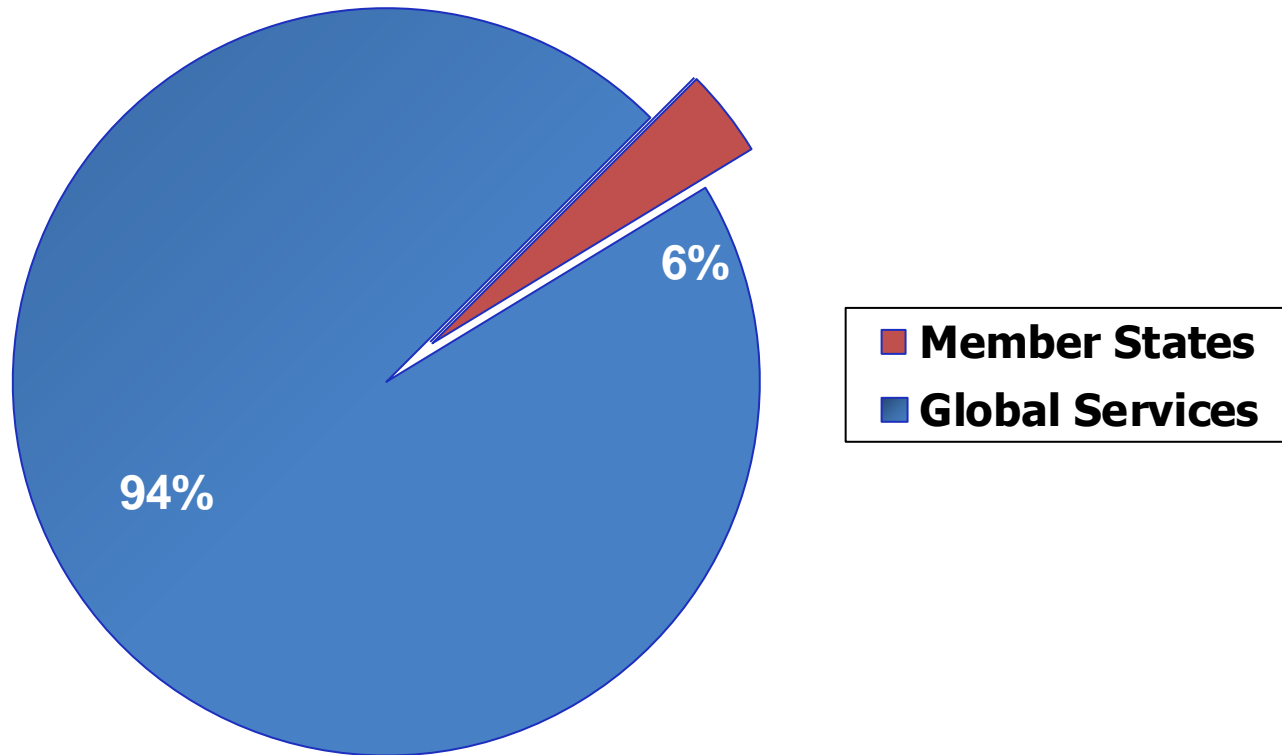
# 2. Provider of Premier Global IP Services



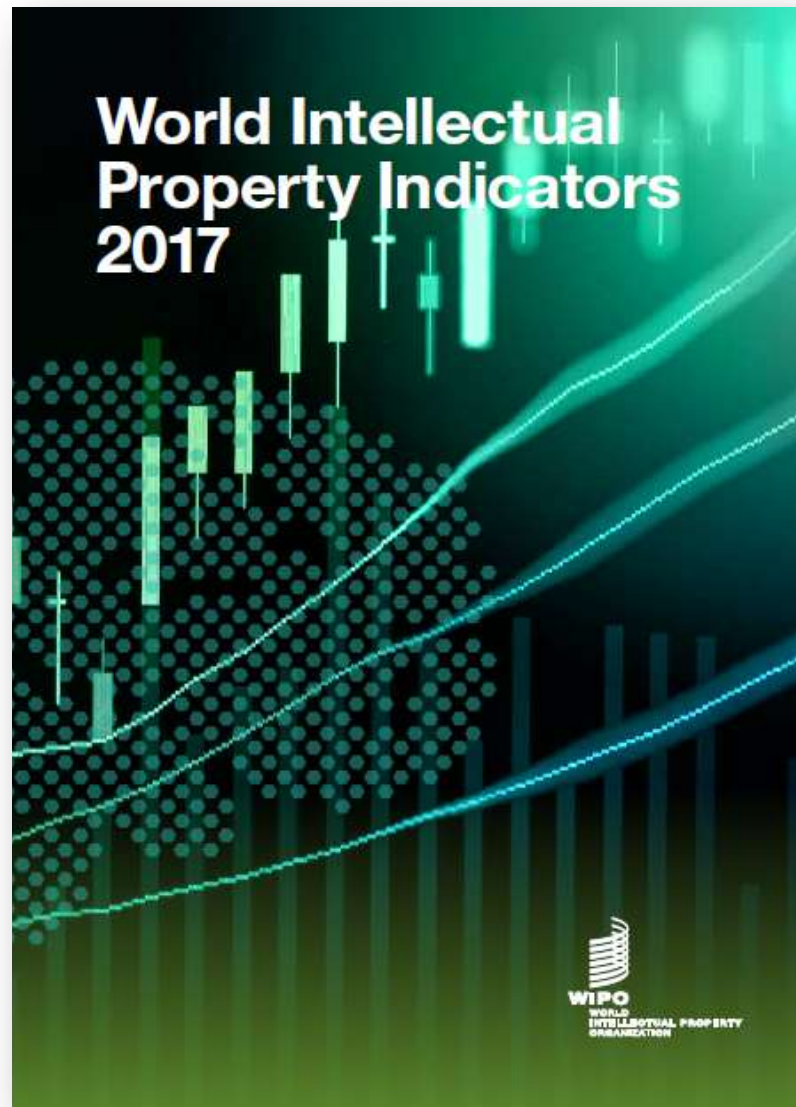
# 3. Global IP Infrastructure



# Sources of Income

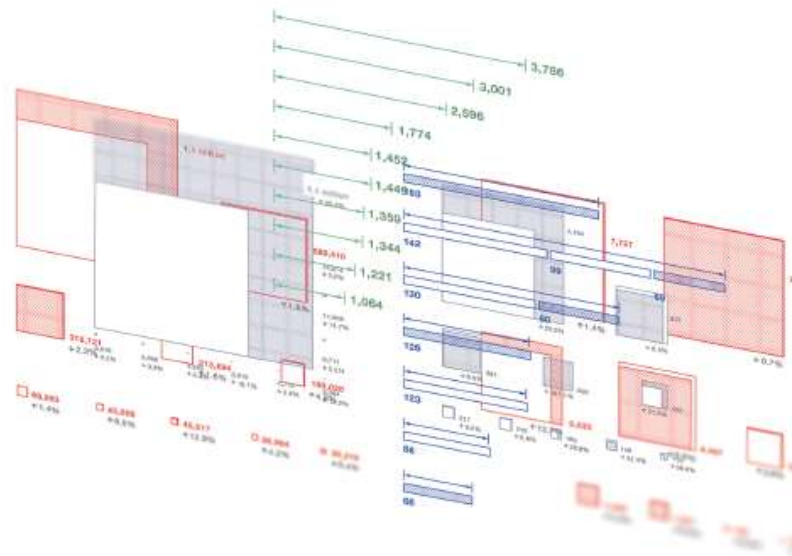


# Major Economic Studies on IP



# Major Economic Studies on IP

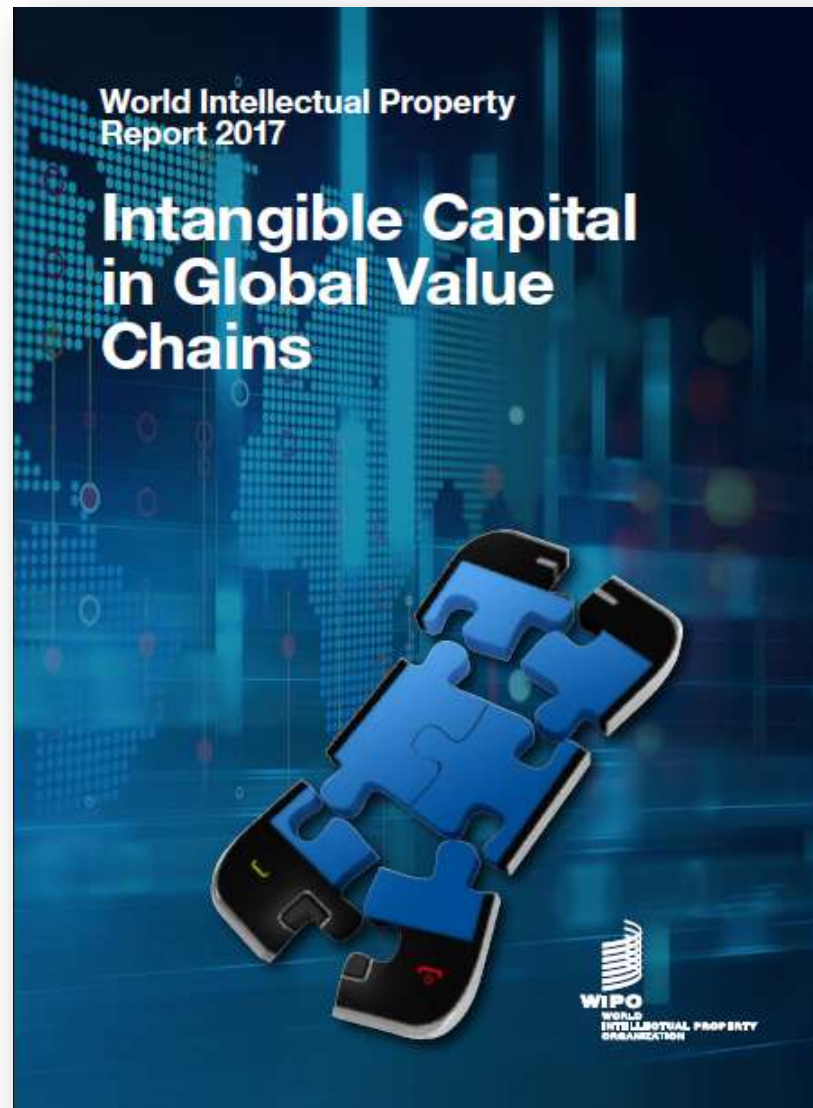
## WIPO IP Facts and Figures 2016



# Major Economic Studies on IP



# Major Economic Studies on IP



**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

# United Kingdom





# The Global Innovation Index\*

## RANKING 2015

1. SWITZERLAND
- 2. UNITED KINGDOM**
3. SWEDEN
4. NETHERLANDS
5. UNITED STATES OF AMERICA
6. FINLAND
7. SINGAPORE
8. IRELAND
9. LUXEMBOURG
10. DENAMRK
11. HONG KONG (CHINA)
12. GERMANY
13. ICELAND
14. REPUBLIC OF KOREA
15. NEW ZEALAND

## RANKING 2016

1. SWITZERLAND
2. SWEDEN
- 3. UNITED KINGDOM**
4. UNITED STATES OF AMERICA
5. FINLAND
6. SINGAPORE
7. IRELAND
8. DENMARK
9. NETHERLANDS
10. GERMANY
11. REPUBLIC OF KOREA
12. LUXEMBOURG
13. ICELAND
14. HONG KONG (CHINA)
15. CANADA

## RANKING 2017

1. SWITZERLAND
2. SWEDEN
3. NETHERLANDS
4. UNITED STATES OF AMERICA
- 5. UNITED KINGDOM**
6. DENMARK
7. SINGAPORE
8. FINLAND
9. GERMANY
10. IRELAND
11. REPUBLIC OF KOREA
12. LUXEMBOURG
13. ICELAND
14. JAPAN
15. FRANCE

	Strengths	Challenges
<b>Institutions</b>	1. Regulatory quality	
<b>Human capital &amp; research</b>	2. QS university ranking	1. Gov't expenditure/pupil 2. Pupil-teacher ratio 3. Tertiary enrolment
<b>Infrastructure</b>	3. ICT access 4. Government's online service 5. E-participation	4. Gross capital formation
<b>Market sophistication</b>	6. Intensity of local competition	5. Applied tariff rate
<b>Business sophistication</b>		6. FDI net inflows 7. Research talent, in business enterprise
<b>Knowledge &amp; technology outputs</b>	7. Citable documents H index 8. Computer software spending	8. Growth rate of PPP\$ GDP/worker 9. FDI net outflows
<b>Creative outputs</b>	9. ICTs & business model creation 10. ICTs & organization model creation 11. Video uploads on YouTube	10. Trademarks by origin

# Everything you always wanted to know about WIPO



[www.wipo.int/pressroom/en/news/2016/news\\_0009.html](http://www.wipo.int/pressroom/en/news/2016/news_0009.html)

**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

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[www.wipo.int/newsletters/en](http://www.wipo.int/newsletters/en)

Press releases

[www.wipo.int/pressroom/en/](http://www.wipo.int/pressroom/en/)



# *WIPO Roving Seminar*

## **International Protection of Plant Varieties**

*Peter Button*

*Vice Secretary-General, UPOV*

*London, April 30, 2018*



# OVERVIEW

- Introduction to UPOV
- Synergies between PBR and other forms of IP
- UPOV Services
  - GENIE database (Cooperation in DUS examination)
  - PLUTO database (Variety database)
  - UPOV PRISMA (PBR application tool)

## What is a Plant Variety?

The term "species" is a familiar unit of botanical classification within the plant kingdom. However, it is clear that within a species there can be a wide range of different types of plant. Farmers and growers need plants with particular characteristics and that are adapted to their environment and their cultivation practices.

A plant variety represents a more precisely defined group of plants, selected from within a species, with a common set of characteristics.



SPECIES



SPECIES



SPECIES

## What is a Plant Variety?

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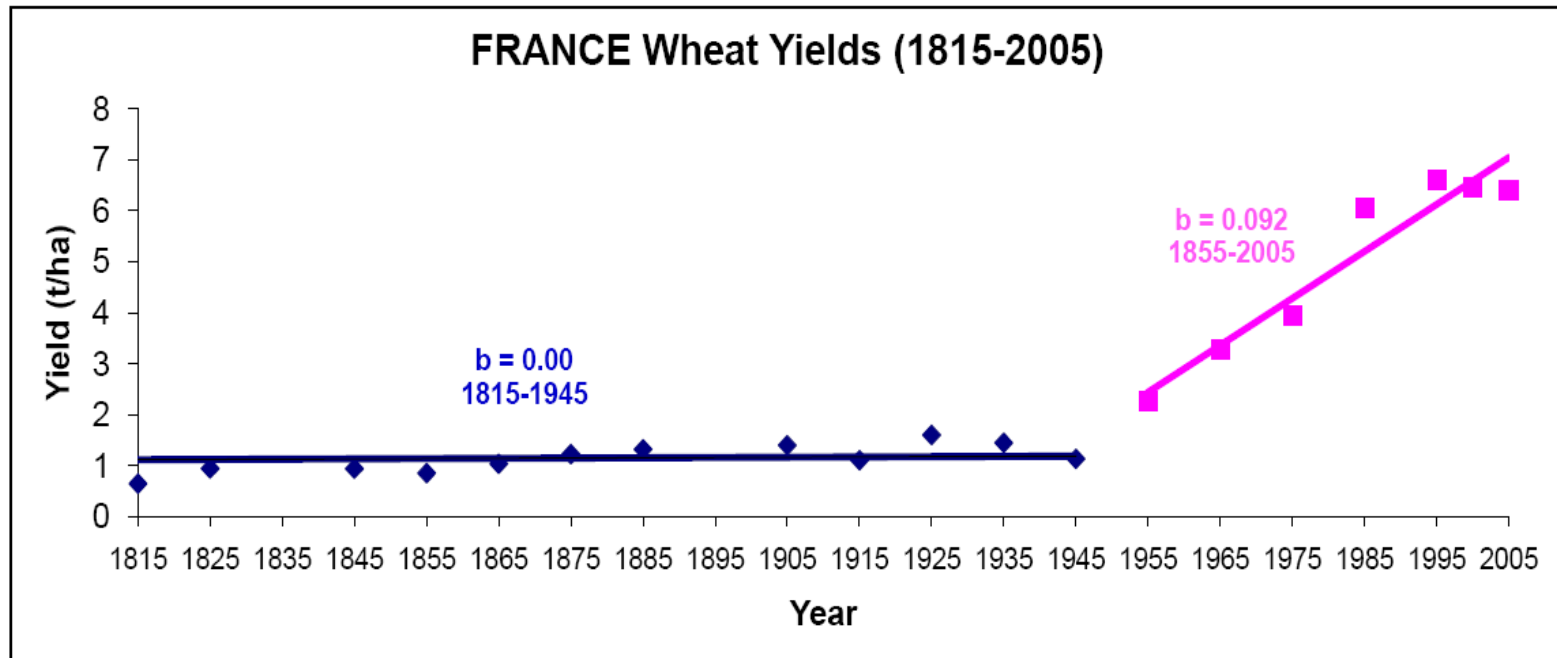




## MISSION STATEMENT

**“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”**

# Evolution of Wheat yield in France



Bernard Le Buanec,  
Second World Seed Conference (Rome, September 2009)

# The economic, social and environmental value of plant breeding in the European Union

2000-2013

– Results achieved so far\* –

**Steffen Noleppa**  
HFFA Research GmbH



*\* This research has been initiated and financially supported by ETP. The results of the study are the sole responsibility of the author and have never been influenced by the initiator and supporter of the study.*

October 13<sup>th</sup>, 2015, Vienna

## EU: 2000-2013



Without plant breeding:

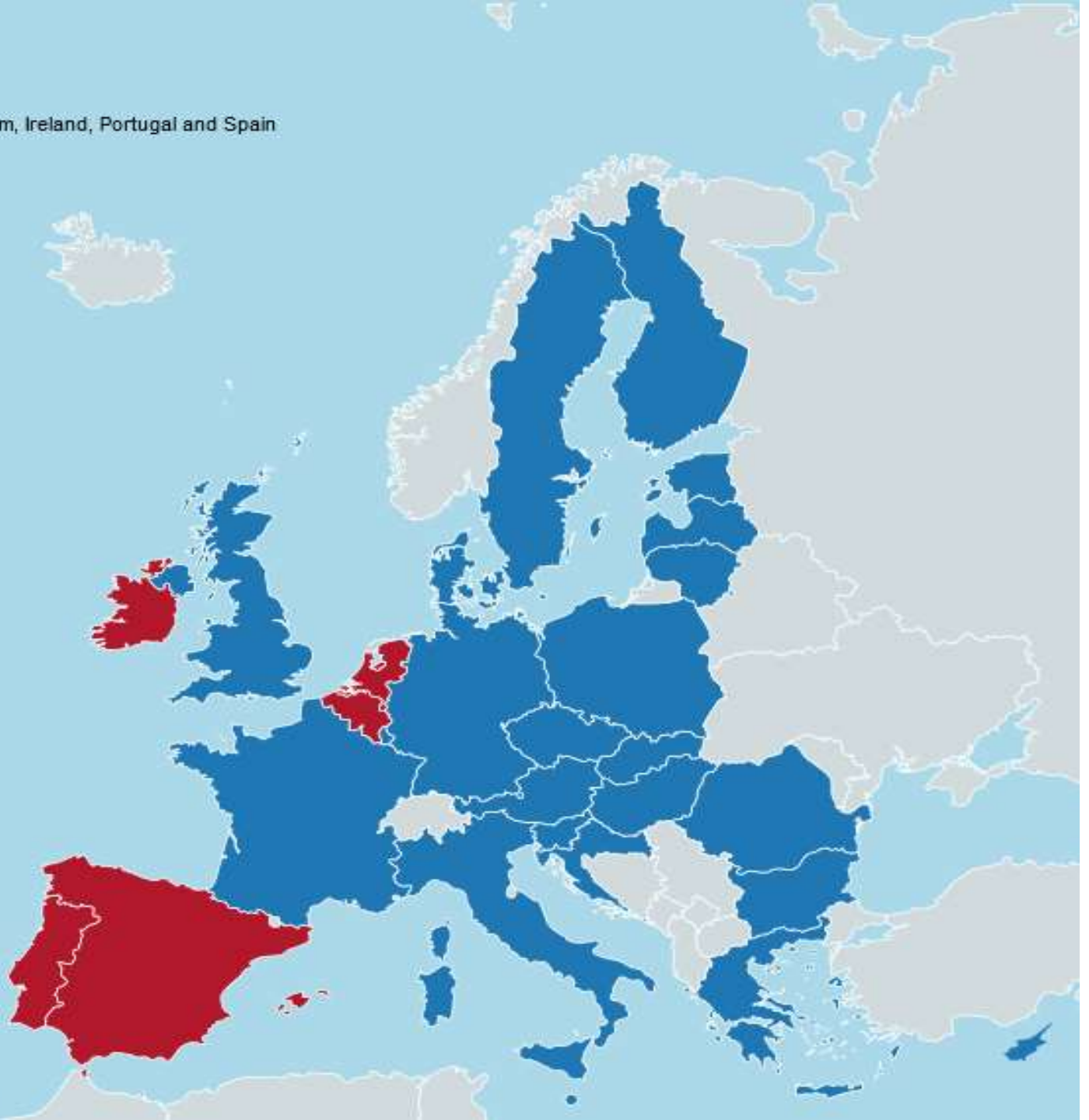
EU would have moved from being net **EXPORTER** to net **IMPORTER** in all major agricultural crops (including wheat and barley)

Without plant breeding:

An additional 18 million ha of arable land outside the EU would be needed: equivalent to the arable land of...

## European Union

-  EU Members
-  Netherlands, Belgium, Ireland, Portugal and Spain



## PLANT BREEDING THE ECONOMIC IMPACT



1.2 million European farmers and farm workers would be

**30%** worse off without plant breeding, earning €7,000 less annually (on average), and putting rural jobs at risk.



By 2030, this figure could be up to €14,000.



# Plant Breeding Matters

The business and science of crop improvement



An **independent study** concluded that every £1 invested in plant breeding generates at least £40 in added value within the wider UK economy, from higher yields and input savings at the farm level through to import substitution, export earnings and enhanced processing efficiency within the food and drink manufacturing sector.



Economic Impact of Plant Breeding in the UK

Download a copy of the independent study at [www.plantbreedingmatters.com/history.php](http://www.plantbreedingmatters.com/history.php)

## ABOUT UPOV

Mission Statement

Overview

Organigram

Office of UPOV

Officers

UPOV Convention

Benefits of UPOV System

Key Issues

FAQs

Publications

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VIDEO

US

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PUBL

HFFA Res  
The socio  
economic  
benefits of  
UPOV mem  
bership in  
Viet Nam

hffa

HFFA Research GmbH

### The socio-economic benefits of UPOV membership in Viet Nam:

An ex-post assessment on plant breeding and agricultural productivity after ten years

Corresponding author: Steffen Noleppa



HFFA Research Paper 03/2017

ant variety prot...



VP enabled a public  
r to ensure a supply of high  
onion seed to farmers  
ptions: [FR](#), [DE](#)

PVP in Japan (As...



[Ashiro Rindo Story](#)

[Socio-economic benefits of UPOV membership in Viet Nam: An ex-post assessment on plant breeding and](#)

[UPOV Report on the Impact of Plant Variety Protection](#)

UPOV Trilogy Publication

[Executive Summary](#)



# STUDY in VIET NAM\*

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

Rice, Corn (maize) and Sweet Potatoes

- **1995-2005:** increase in yield mainly through increased level of inputs – no detectable increase due to plant breeding
- **2006-2016:** annual land productivity increase due to plant breeding
  - Rice 1.7 %
  - Corn 2.1 %
  - Sweet potatoes 3.1 %

\* “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

# STUDY in VIET NAM

## Annual value added:

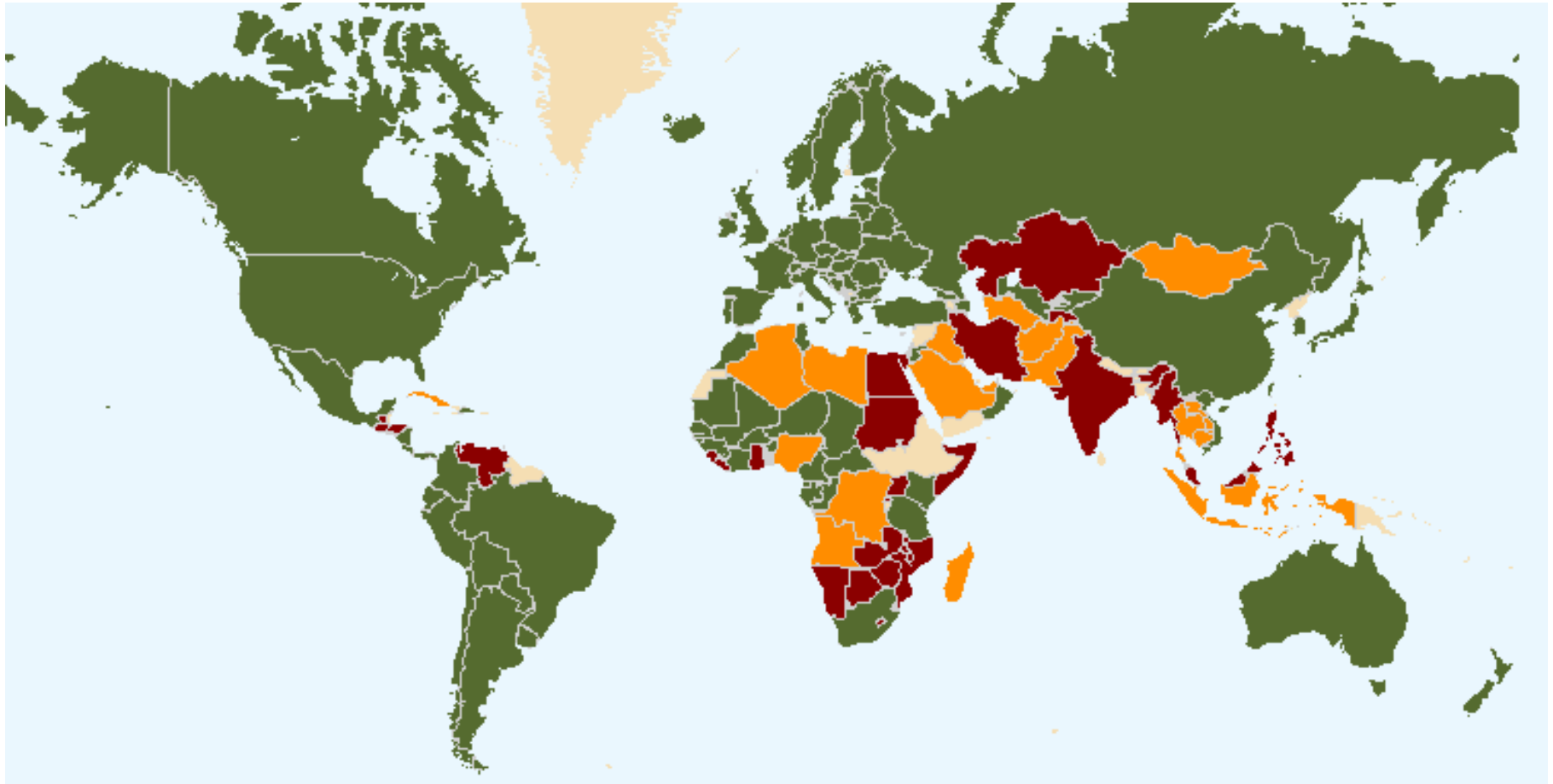
- Arable farming \$2.3 billion
- Horticulture \$1.0 billion
- Floriculture \$ 0.2 billion
  
- GDP added upstream/downstream (value chains)  
\$1.5 billion

**TOTAL ADDED: \$5 billion**

**(> 2.5% GDP)**

# UPOV status

April 13, 2018



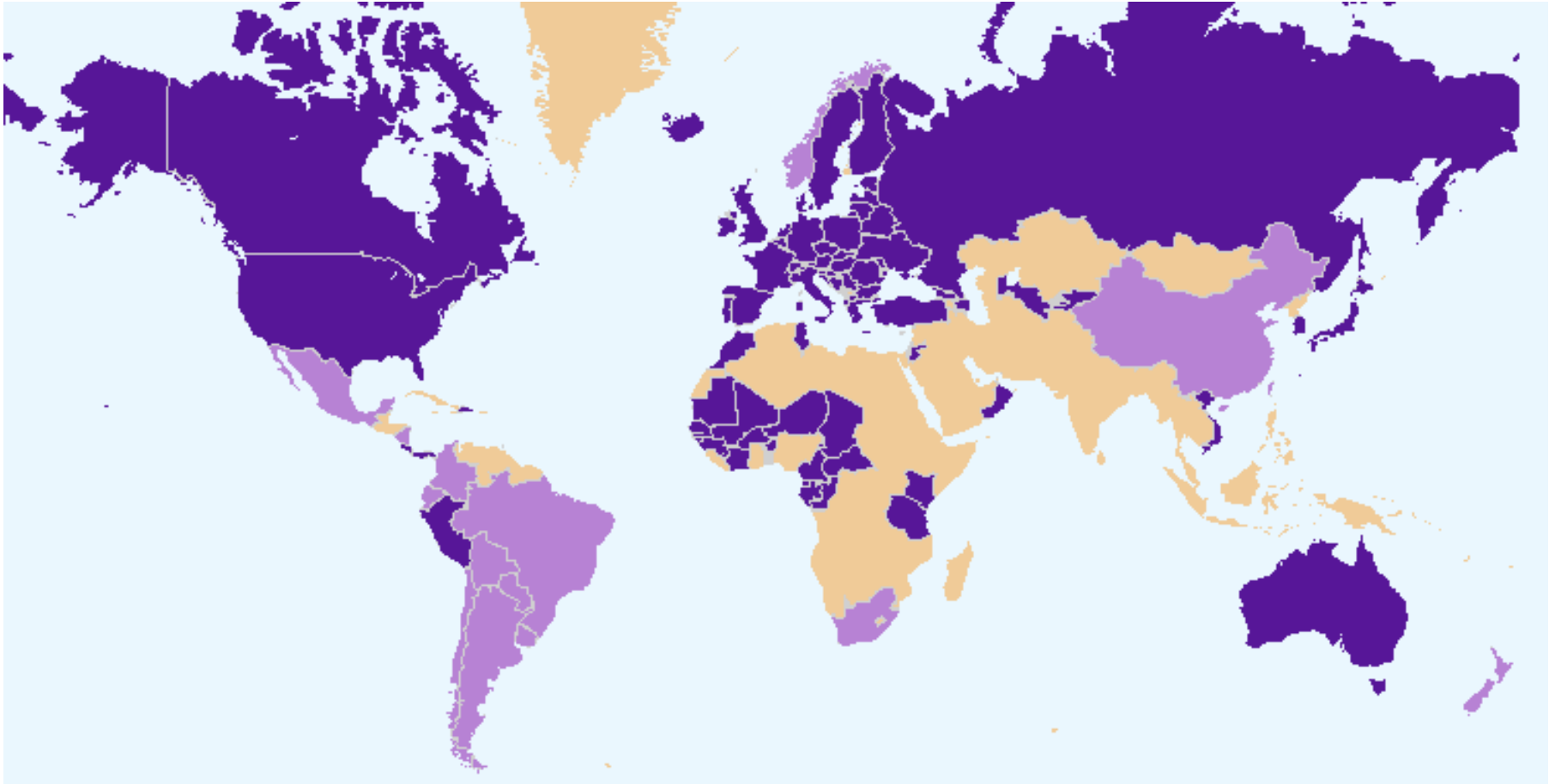
The boundaries shown on this map do not imply the expression of any opinion whatsoever on the part of UPOV concerning the legal status of any country or territory

**Members of UPOV (75) covering 94 States**

**Initiating States (16) and Organization (1)**

**States (26) and Organization (1) in contact with the UPOV Office**

# UPOV Membership

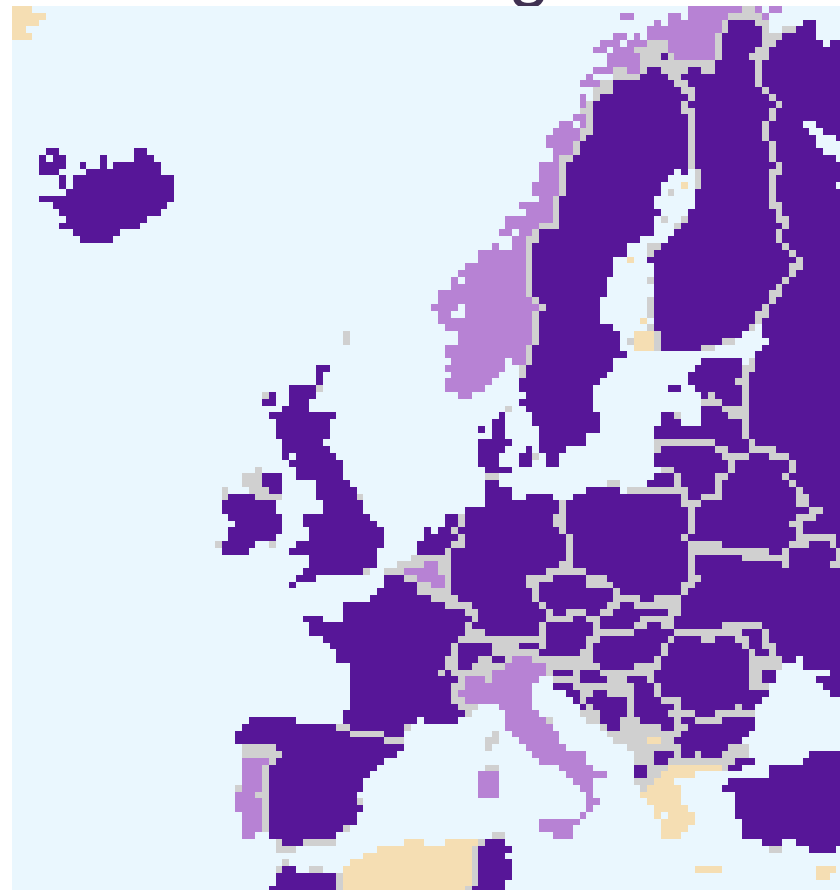
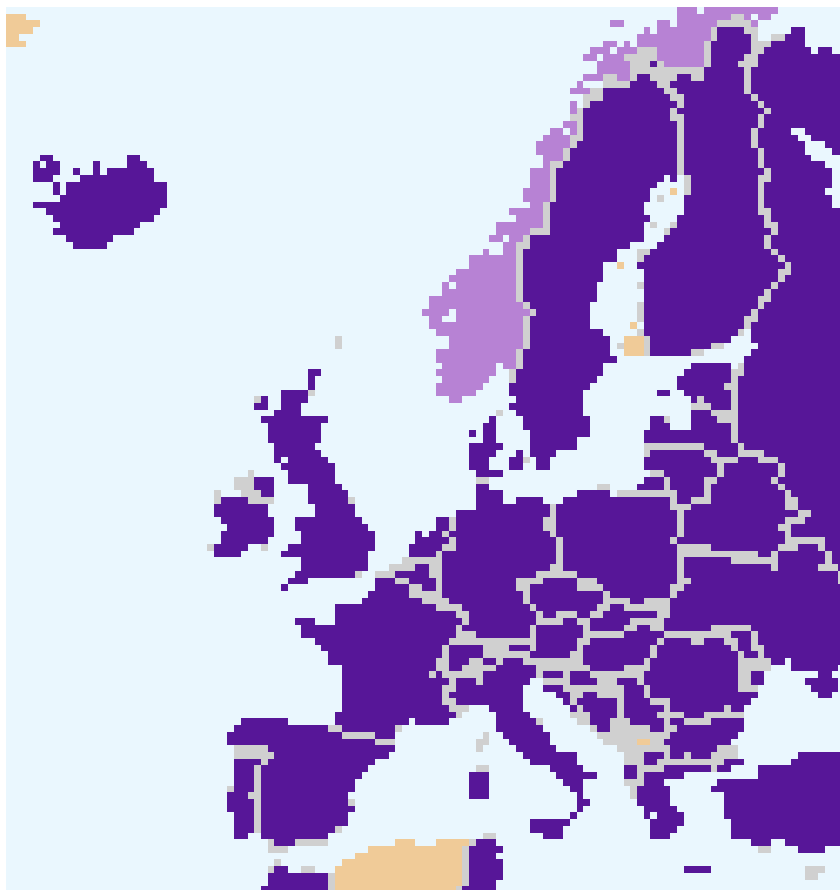


**1991 Act: 57 members – Other Acts: 18 members**

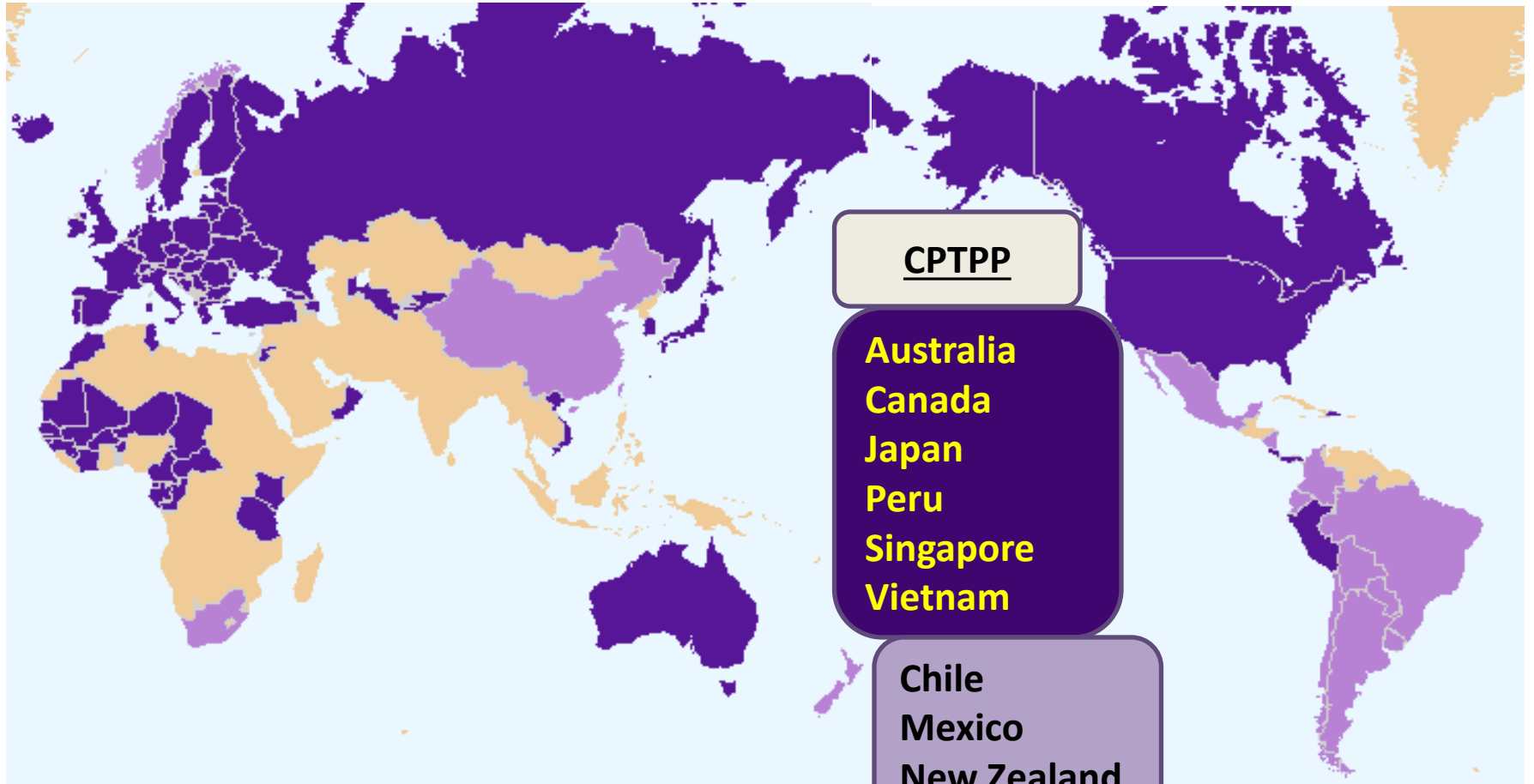
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# UPOV Membership

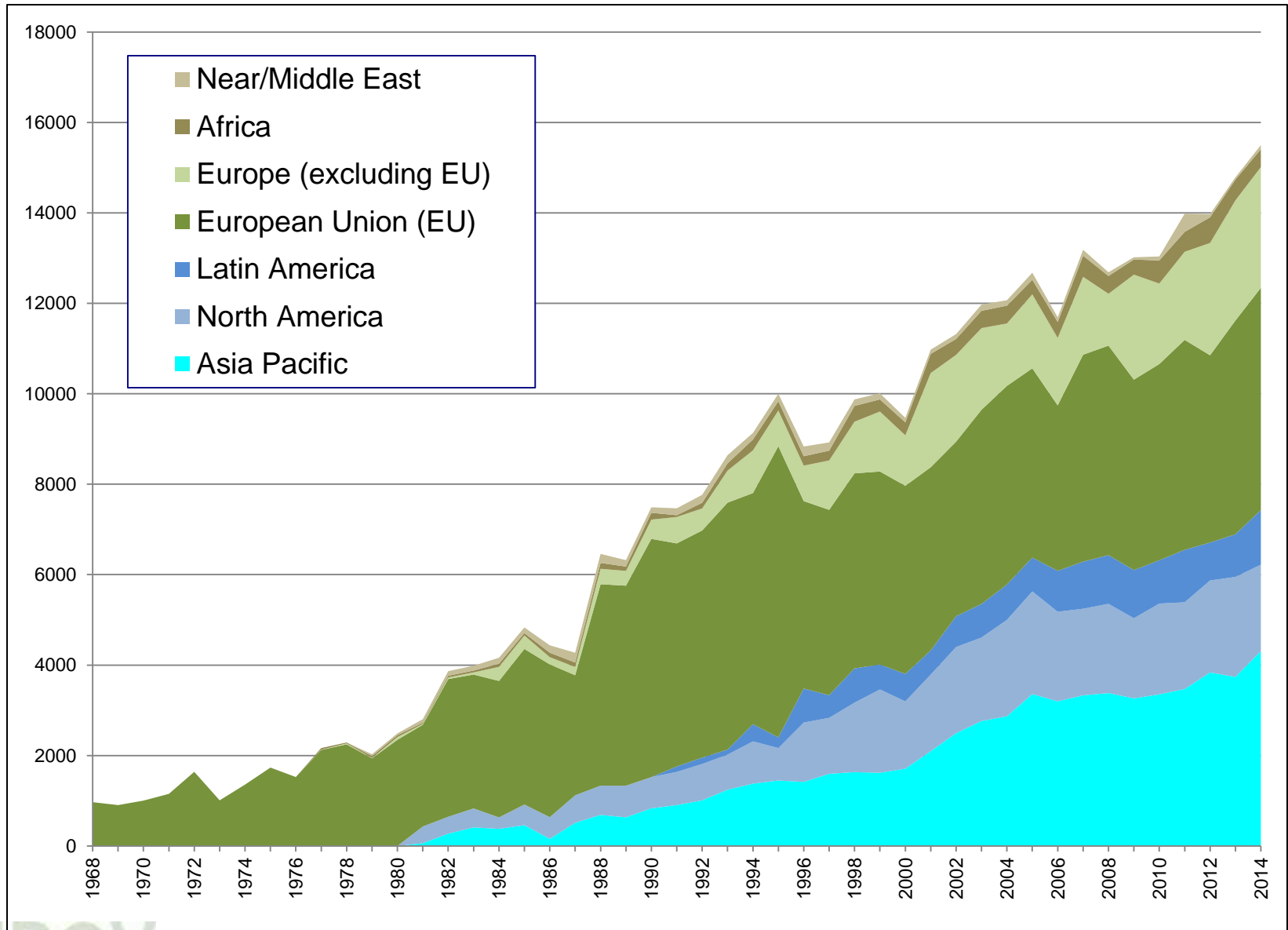
Excluding EU



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# Applications for Plant Breeders' Rights



# Top 20: Country of residence of applicants (2016)

Rank	Country of residence of breeder	Applications filed as:				
		Resident			Non-resident	Total
		Resident	CPVO (EU member States)	Total		
1	Netherlands	674	1'281	1'955	1'174	3'129
2	China	2'686	0	2'686	34	2'720
3	United States of America	812	0	812	1'223	2'035
4	France	67	467	534	516	1'050
5	Germany	50	395	445	489	934
6	Republic of Korea	860	0	860	26	886
7	Japan	609	0	609	152	761
8	Russian Federation	613	0	613	1	614
9	Ukraine	364	0	364	0	364
10	Australia	140	0	140	176	316
11	Switzerland	5	0	5	307	312
12	Brazil	200	0	200	71	271
13	Denmark	2	101	103	151	254
14	Argentina	171	0	171	62	233
15	United Kingdom	17	95	112	108	220
16	Spain	29	70	99	100	199
17	Italy	11	79	90	109	199
18	Israel	45	0	45	141	186
19	Czech Republic	60	15	75	89	164
20	Viet Nam	162	0	162	0	162
<b>Sum of top 20</b>		7'577	2'503	10'080	4'929	15'009
<b>Others</b>		749	118	867	579	1'446
<b>Total</b>		8'326	2'621	10'947	5'508	16'455



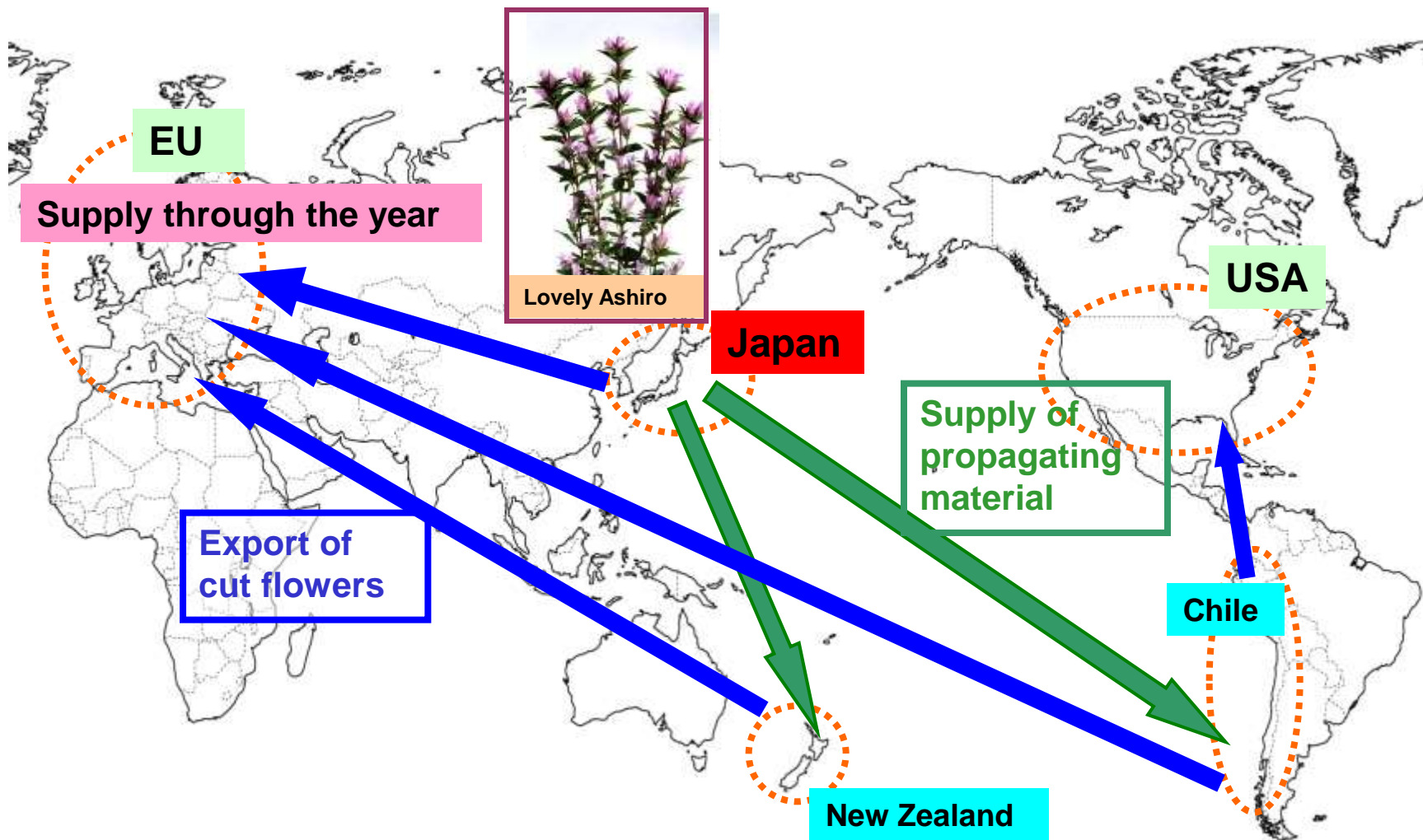
# Top 20: Country of residence of applicants

Rank	2007		2015		2016			
	Residence	App. #	Residence	App. #	Residence	App. #		
1	Netherlands	2'600	Netherlands		2'720	Netherlands	3'129	
2	United States of America	1'764	China	↑3	2'100	China	2'720	
3	Germany	1'336	United States of America	↓1	2'027	United States of America	2'035	
4	Japan	1'283	France	↑3	1'038	France	1'050	
5	China	818	Germany	↓2	942	Germany	934	
6	Russian Federation	777	Japan	↓2	766	Republic of Korea	↑1	886
7	France	621	Republic of Korea	↑1	647	Japan	↓1	761
8	Republic of Korea	388	Russian Federation	↓2	640	Russian Federation		614
9	Ukraine	318	Ukraine		412	Ukraine		364
10	Australia	314	Australia		368	Australia		316
11	United Kingdom	253	Switzerland	↑5	358	Switzerland		312
12	Argentina	243	Spain	↑3	306	Brazil	↑2	271
13	Denmark	225	Argentina	↓1	248	Denmark	↑3	254
14	Italy	193	Brazil	↑6	223	Argentina	↓1	233
15	Spain	181	United Kingdom	↓4	219	United Kingdom		220
16	Switzerland	178	Denmark	↓3	191	Spain	↓4	199
17	New Zealand	176	Israel	↑1	180	Italy	↑1	199
18	Israel	174	Italy	↓4	148	Israel	↓1	186
19	South Africa	144	New Zealand	↓2	135	Czech Republic	↑5	164
20	Brazil	121	Canada	↑4	119	Viet Nam	↑2	162

# OVERVIEW

- Introduction to UPOV
- Synergies between PBR and other forms of IP
- UPOV Services

# World Branding Strategy of “Ashiro” Rindo based on PBR





**star fruits** 

**Projects**

⊕ Initiator, directly or indirectly, of development projects,

- Global industry approaches, breeders and breeders rights management companies

*Pink Lady*® 

*Ariane*

*Nectavigne*®  
The tradition and flavour of a great vintage

**JOYA**

**fruit.select**

  
**AC Fruit**  
TERROIR ET INNOVATION-FRUITIERE

# High Level Study Tour (Japan, July 2016)



Koshihikari  
(1,580 ¥)

Tsuyahime  
(2,480 ¥)

## Rice variety “Tsuyahime”



- High quality variety (good taste)
- Yamagata prefectural government holds the plant breeder's right
- Royalty free for Yamagata farmers, royalty paid by other farmers
- Location and agronomy (less fertilizer and pesticide) controlled to maintain quality (= high market price)
- Increased farmers' income

# OVERVIEW

- Introduction to UPOV
- Synergies between PBR and other forms of IP
- **UPOV Services**



**GENIE database** (Cooperation in DUS examination)

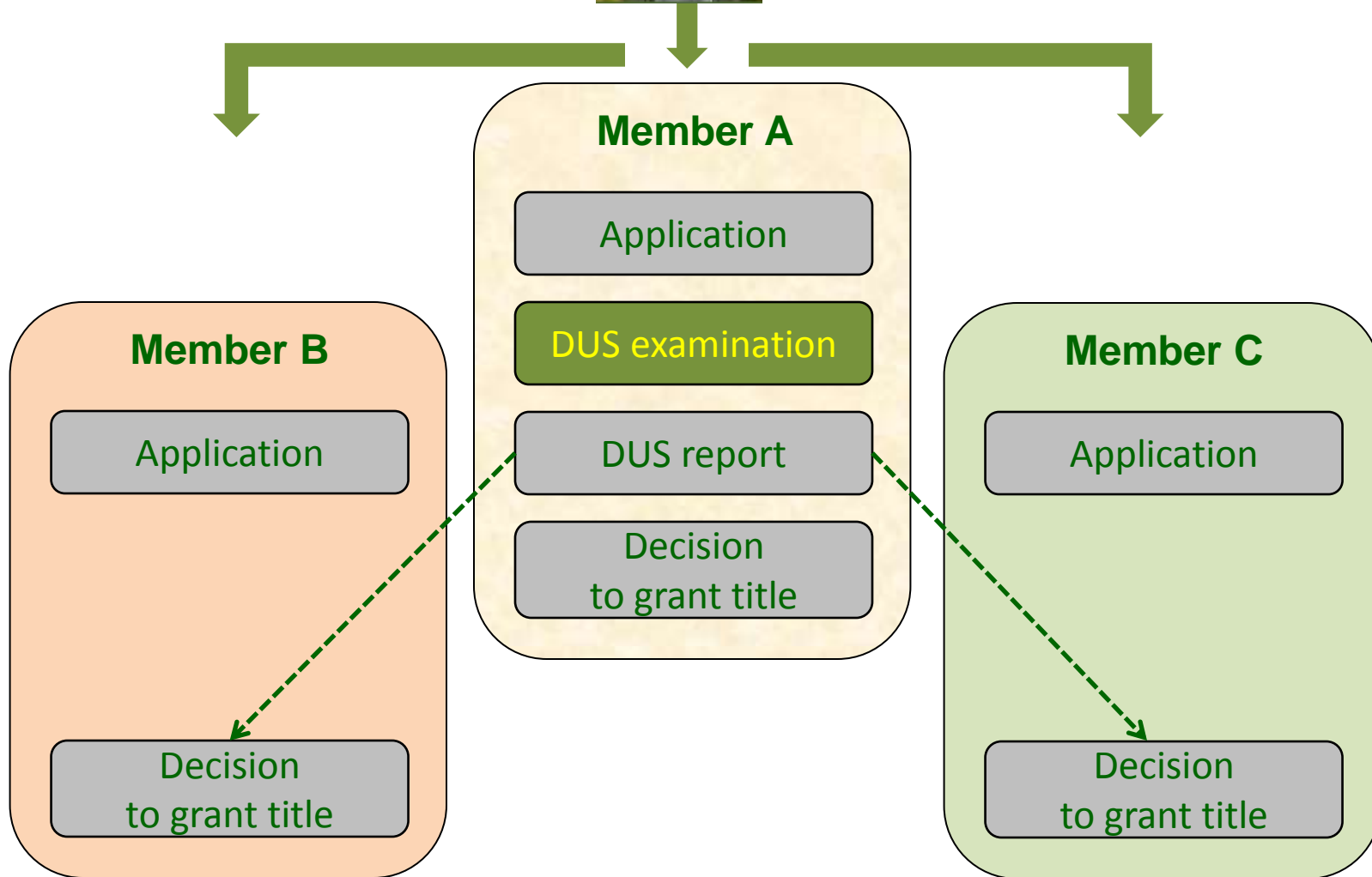
- PLUTO database (Variety database)
- UPOV PRISMA (PBR application tool)

# Cooperation between Authorities

Cooperation between Authorities can involve:

- **use of existing DUS Test Reports** from other Authorities



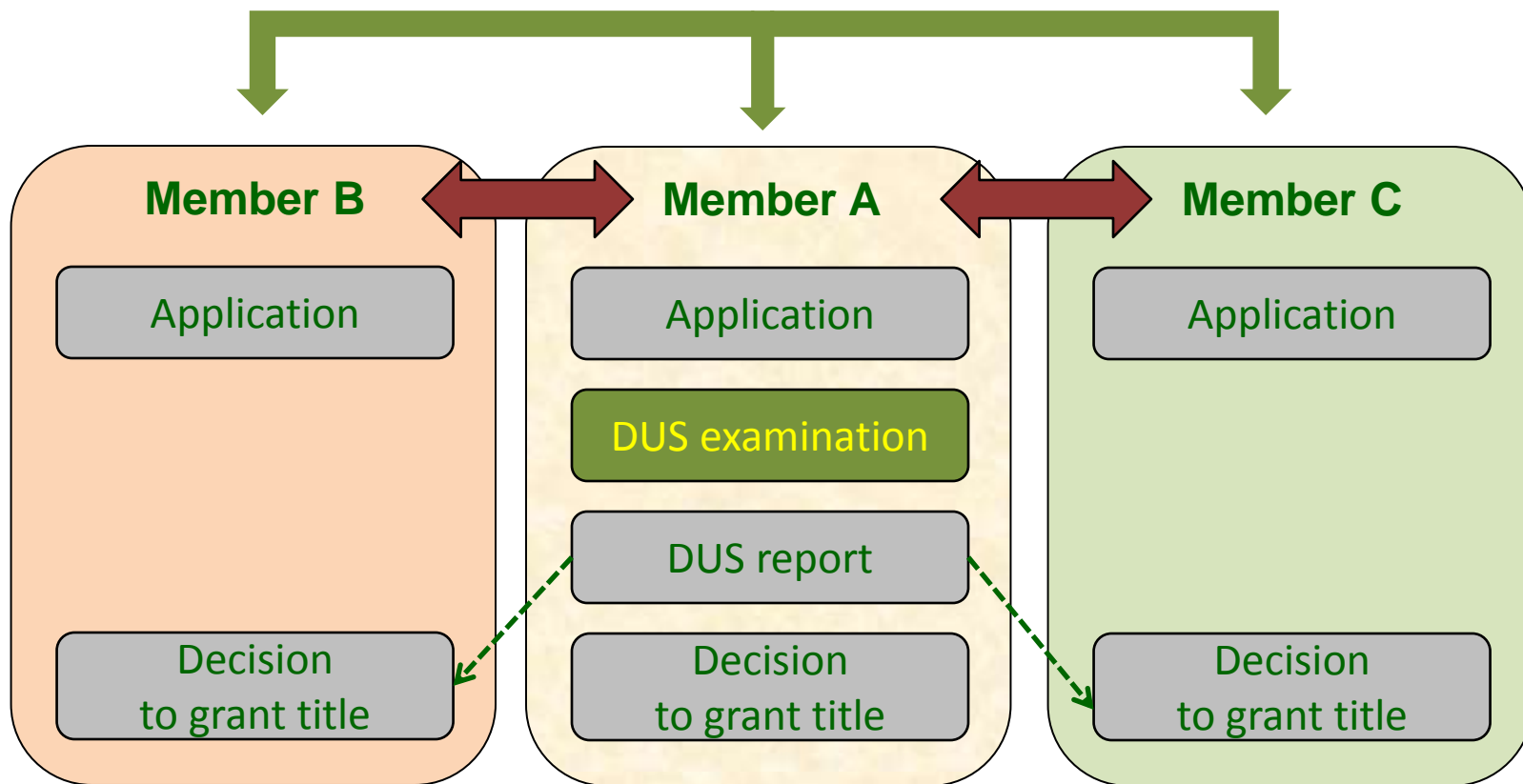


**UPOV Model administrative agreement (TGP/5): 350 CHF (prior application)**

# Cooperation between Authorities

Cooperation between Authorities can involve:

- use of existing DUS Test Reports from other Authorities
- **bilateral arrangements** to remove the need for duplication of DUS Tests
- **centralized DUS testing** at regional or global level



# GENIE Database (Genus / species)



## UPOV

Contact us Site map YouTube

ABOUT UPOV

MEMBERSHIP

UPOV SYSTEM

PVP DATA & STATISTICS

MEETINGS

NEWS



### Stakeholder features

- Breeders
- Farmers and Growers
- Policy makers
- General Public

GENIE Database



UPOV Lex



Plant Variety Database (PLUTO)

## UPOV

# Zea mays L. (ZEAAA\_MAY)



## Agreements for Cooperation in DUS Examination

<> in the receiving column indicates that the authority specified in the offering column offers to carry out examinations for any interested member of the Union.  
 ( ): Genus or species covered by agreement for a taxon of a higher rank to which it belongs (e.g. in the case of a species: the genus or family is covered by an agreement).

OFFERING AUTHORITY / EXAMINATION OFFICE	AUTHORITIES RECEIVING EXAMINATION REPORTS	NOTES
(<>)	(Switzerland)	(Switzerland): DUS tests are not conducted in Switzerland. In cases where a DUS test report is not available from a member of the Union, the Office of Plant Variety Protection will request an appropriate authority or testing of a member of the Union to perform a DUS test on its behalf.
Bolivia (Plurinational State of)		Except hybrid varieties
Croatia	Slovenia	
(Czech Republic)	(Slovakia)	(Slovakia): Genus/species covered by agreement concerning the family
Czech Republic	European Union (Community Plant Variety Office (CPVO))	
France	Belgium Denmark European Union (Community Plant Variety Office)	United Kingdom: Excluding sweetcorn and popcorn

## Utilization of Existing DUS Reports

<> (utilizing) indicates that the authority specified in providing column will, in general, provide existing DUS reports to any member of the Union.  
 <> (providing) indicates that the authority specified in the utilizing column will, in general, utilize existing DUS reports provided by any member of the Union.  
 ( ): Genus or species covered by agreement for a taxon of a higher rank to which it belongs (e.g. in the case of a species: the genus or family is covered by an agreement).

UTILIZING AUTHORITY	PROVIDING AUTHORITY/EXAMINATION OFFICE	NOTES
Russian Federation	Poland	
Russian Federation	Romania	
Russian Federation	Slovakia	
Russian Federation	Ukraine	
Slovenia	Hungary	
(Switzerland)	(<>)	Switzerland will, in general, utilize existing DUS reports provided by any member of the Union.
(Switzerland)	(Japan)	
Turkey	Croatia	
Turkey	Spain	
Ukraine	Austria	
Ukraine	France	
Ukraine	Russian Federation	
(Viet Nam)	(Japan)	

ZEAAA\_MAY

None

ase

# OVERVIEW

- Introduction to UPOV
- Synergies between PBR and other forms of IP
- **UPOV Services**



– GENIE database (Cooperation in DUS examination)

**PLUTO database (Variety database)**

– UPOV PRISMA (PBR application tool)



# PLUTO: Plant Variety Database

New: Video Tutorial

The data currently in Plant Variety Database (PLUTO) was last updated on 2015-04-15.

Term Search

Denomination Search

UPOV Code

=

[lookup]

Denomination ▼

=

Search Type: Similarity Factor ▼



Similarity Factor

Fuzzy

Phonetic

Contains

Starts

Ends

search 🔍

s/pmr/en/

# OVERVIEW

- Introduction to UPOV
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  - **UPOV PRISMA** (PBR application tool)





# UPOV PRISMA

## *Online PBR Application Tool*



Online application tool to submit application data to participating PVP Offices in required format

Easy access to PVP application forms, which can be displayed in a range of languages

Much of the information provided in the Technical Questionnaire will be automatically translated

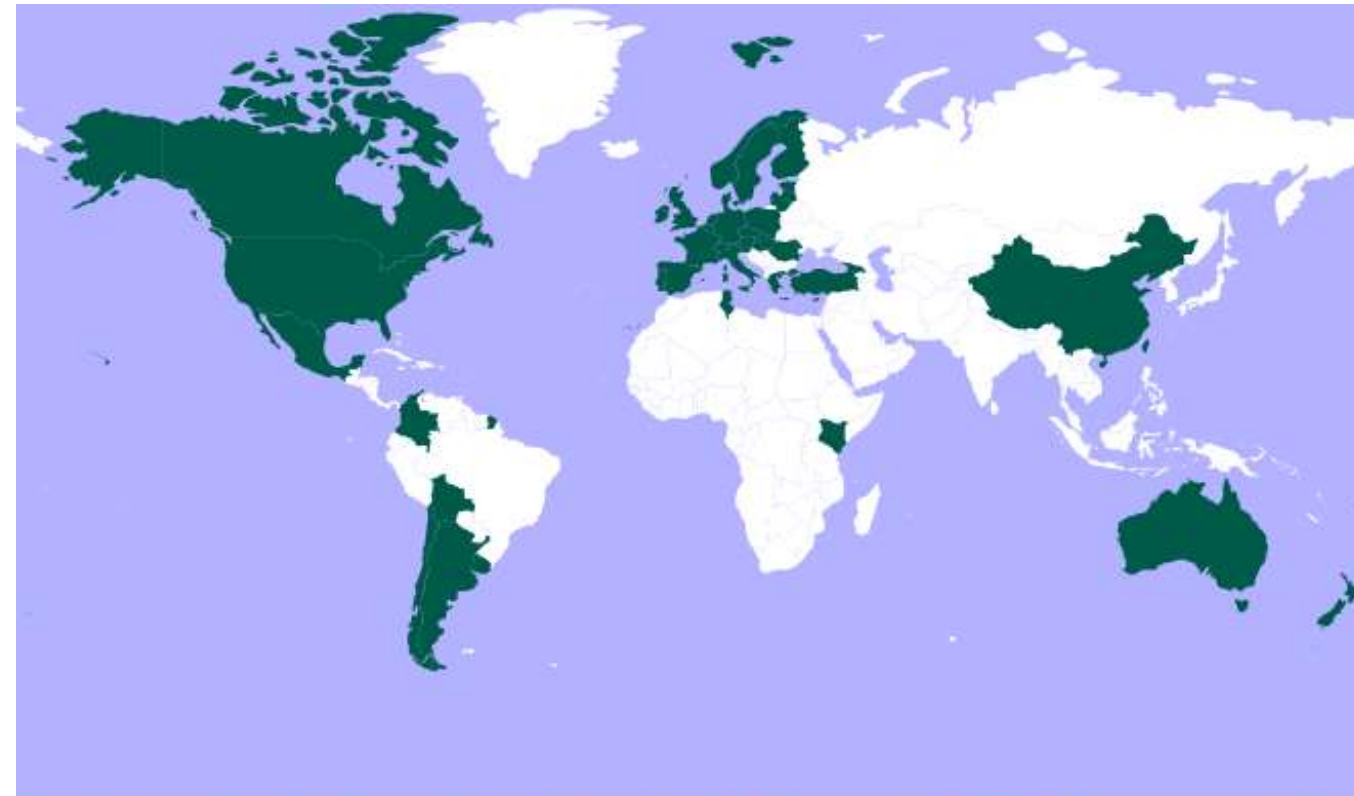
Relevant data can be re-used in subsequent applications

Different user roles can be specified (e.g. drafter, signatory, translator, agent)

Controlled access, secure and confidential

# UPOV PRISMA

Coverage- 22 Members (including CPVO)



Argentina

Australia

Bolivia (Plurinational State of)

Canada

Chile

China

Colombia

European Union

France

Georgia

Kenya

Mexico

Netherlands

New Zealand

Norway

Paraguay

Republic of Moldova

Switzerland

Tunisia

Turkey

United States of America

Uruguay

*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.*

# UPOV PRISMA

## Search functionality (by crop & country)



**UPOV PRISMA**  GE

ABOUT UPOV | MEMBERSHIP | UPOV SYSTEM | PVP DATA & STATISTICS | MEETINGS | NEWS

**UPOV PRISMA**

- Go to UPOV PRISMA
- How to Access UPOV PRISMA
- Terms of Use
- Testimonials
- Tutorials
- User Guides
- PVP XML
- Payment of fees
- Web Services
- Contact Us

HOME » UPOV PRISMA PBR APPLICATION TOOL » UPOV PRISMA »

### [UPOV PRISMA PBR Application Tool](#)

What are the features of UPOV PRISMA?

- Online application tool to submit application data to participating PVP Offices in required format
- Easy access to PVP application forms, which can be displayed in a range of languages
- Much of the information provided in the Technical Questionnaire will be automatically translated
- Relevant data can be re-used in subsequent applications
- Different user roles can be specified (e.g. drafter, signatory, translator, agent)
- Controlled access, secure and confidential

UPOV members and crops/species currently covered by UPOV PRISMA  
[\[Global overview\]](#) [\[Search by Crop/Species\]](#) [\[Search by UPOV member\]](#)

Search by crop/species:

**UPOV MEMBERS COVERING: MALUS MILL (APPLE)**

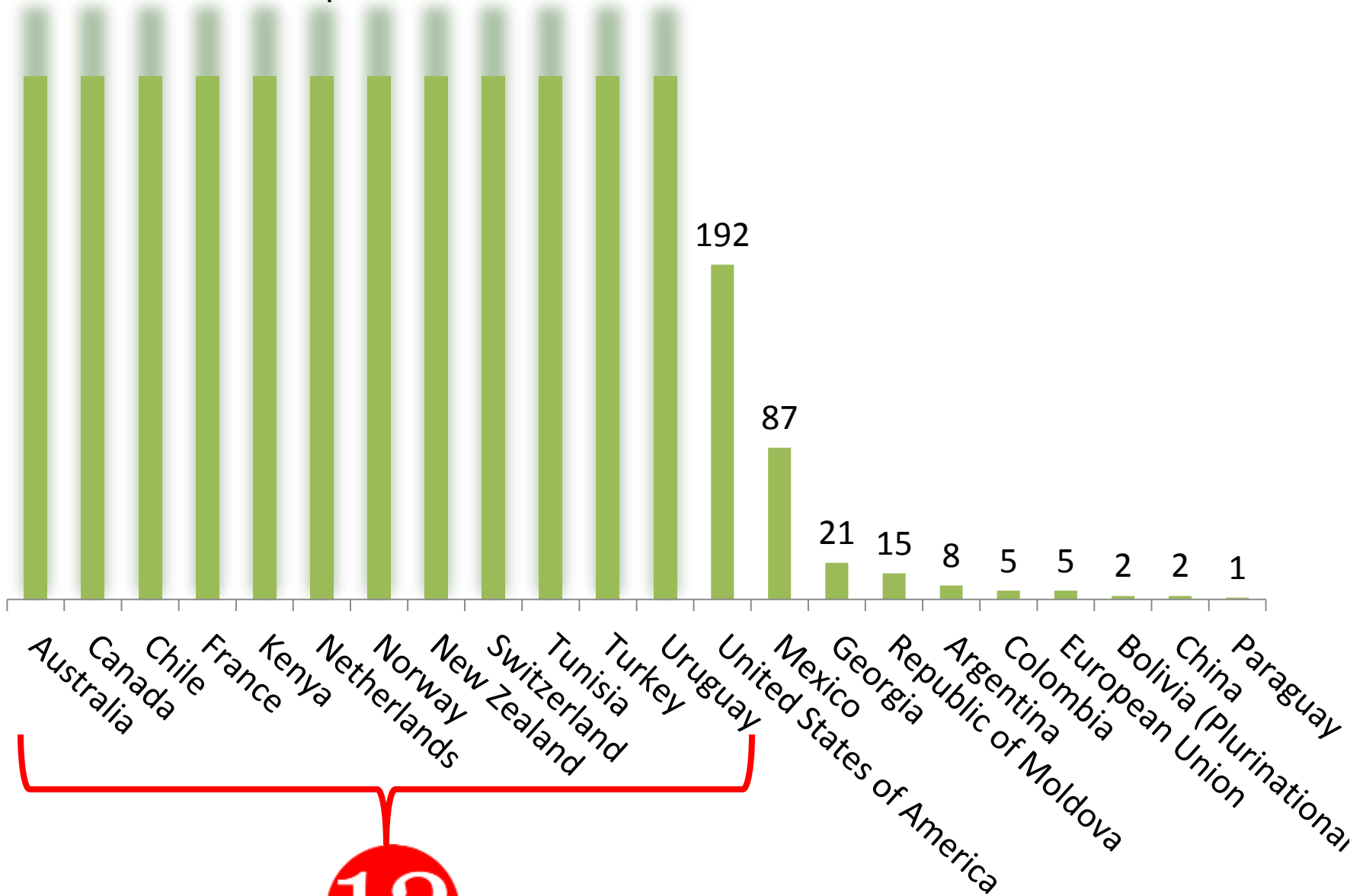
Australia
Canada
Chile
France
Italy
Netherlands
New Zealand
Norway
Switzerland
Turkey
Uruguay



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.

# Coverage of crops/ species in UPOV PRISMA V 2.0

All crops



12

# Navigation languages

UPOV Electronic Application Form

Welcome User Hend , Madhour English

+ Start a new application Copy application User Role Management Edit User profile

### Your Applications

International Reference Number	Created On	Modified On	Date of Submission	Crop	Proposed Variety Denomination	Breeder's Variety Reference	Submitter's Own Variety Reference
<a href="#">XU_3020170000658</a>	28/06/2017	14/09/2017	NA	Rose			1
<a href="#">XU_3020170000659</a>	28/06/2017	28/06/2017	NA	Rose			1

English

Français

Deutsch

Español

中文

日本語

# Output form languages

## Georgian

განცხადების მონაცემები (XU\_30201800000035)

საპატენტო სააგენტო  
საქართველოს რესპუბლიკისთვის  
Zea mays L. (Corn, Maize)  
GE

მოქმედი ბრუნვის მოთხოვნის კონკრეტული პერიოდის UPOV-ის შესაბამის სტანდარტულ მოთხოვნას, მოთხოვნა განხილვისთვის დოკუმენტში TGP/5/Section 2: UPOV Model Form for the Application for Plant Breeder's Rights (მოქმედის ძალის ქვეშ განცხადების შესაბამისი განცხადების UPOV-ის სახსრების ფორმა)

განცხადების ფორმა

საპატენტო სააგენტო

სახელი, გარი ან ფილიალი (i)(i)	Iskra-Max
მისამართი (i)(ii)	Chemin des Colombettes
საფოსტო ინდექსი	1211

Referința

UPOV

XU\_30201700016621

## Romanian

Se completează de către A G E P I

Registratura A G E P I	Registrul Național de cereri de brevet
intrare	pentru soiurile de plantă
Nr.	(22) Număr depozit
Data	(22) Data depozit

Søknad (XU\_30201600001742)

Türler:

## Turkish

Soya fasulye

Art:

Salat

Yetki:

TR

Land / myndighet:

NO

## Norwegian

Her sorunun yanındaki gri metin, içinde tanımlanan ka  
[UPOV Model Form for the Application for Plant Breed](#)

Teksten i grått bak hvert spørsmål angir korresponderende standard UPOV referanse slik den er definert i:  
[TGP/5/Section 2: UPOV Model Form for the Application for Plant Breeder's Rights](#)

### Uygulama Formu

#### BAŞVURU SAHİBİ

Başvuru Sahibinin Adı 1(a)(i)
Başvuru Sahibinin Adresi 1(a)(ii)
Ülkesi
Telefon 1(a)(iii)
Faks 1(a)(iv)
e-Posta 1(a)(v)

### Søknadsskjema

Søker (sortseier)

Navn 1(a)(i)	Hend Madhour
Adresse 1(a)(ii)	Chemin de folliu
Postnummer	
Land	Switzerland
E-post 1(a)(v)	hend.madhour@upov.int
Telefon 1(a)(iii)	
Fax 1(a)(iv)	

© 2016 UPOV

# Tutorials and videos

- UPOV PRISMA
- Go to UPOV PRISMA
- How to Access UPOV PRISMA
- Terms of Use
- Tutorials**
- PVP-XML
- Payment of fees
- Web Services
- Contact Us

HOME » UPOV PRISMA PBR APPLICATION TOOL » UPOV PRISMA »

## Tutorials



Start an application

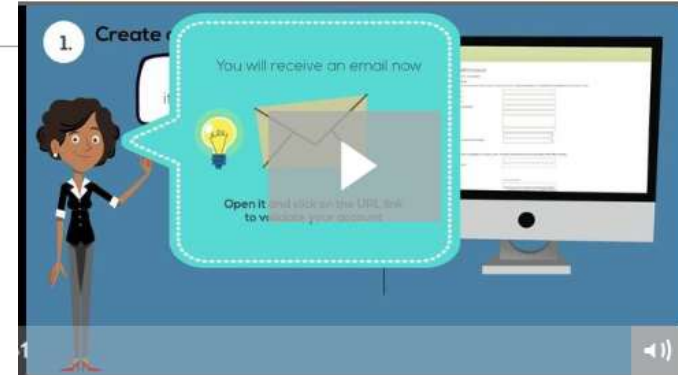


Copy an application



LinkedIn

UPOV PRISMA Overview - what is it and how does it work?

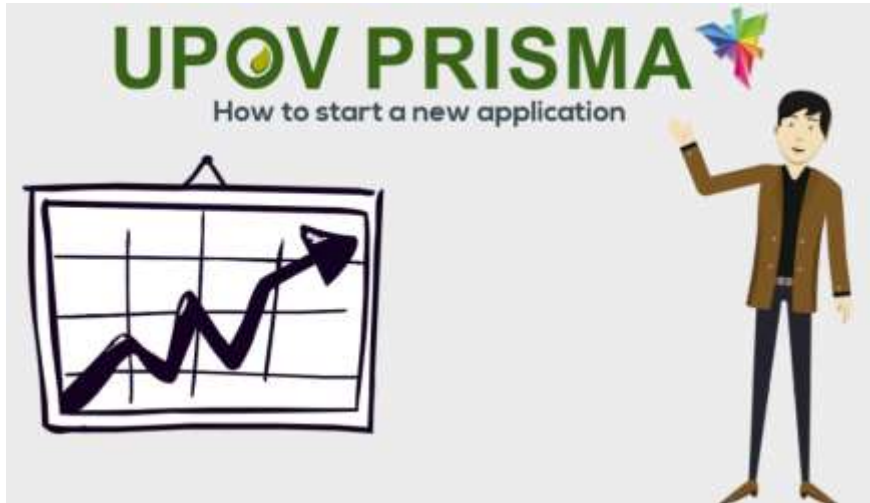


LinkedIn

UPOV PRISMA - How to get started

# Coming soon...new videos

- How to start a new application in UPOV PRISMA
- Who's Who - getting the roles right in UPOV PRISMA
- UPOV PRISMA – Agents





# Role assignments in UPOV PRISMA

## Meet The Team



**Breeder Admin**  
**Co-breeder Admin**



**Drafter**



**Signatory**

## Here is an overview of the possible tasks of each user role

- 1 All the functions of Signatory + Drafter
- 2 Create and assign roles



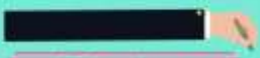
**Breeder Admin**  
**Co-Breeder Admin**

- 1 Start a new application
- 2 Edit it
- 3 View application data
- 4 Copy the data
- 5 Delete the data

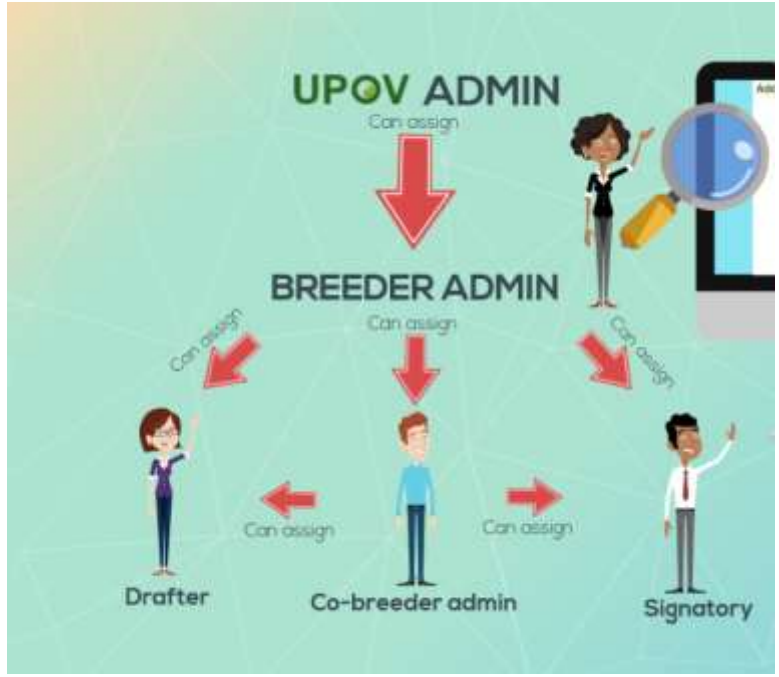


**Drafter**

- 1 View application
- 2 Sign it
- 3 Submit it
- 4 Pay the application fees



**Signatory**



# Tutorials

UPOV Electronic Application Form

This is a test environment. The real system is available at <http://www.uipo.int>

Welcome User Here | Myhour | English

Start a new application | Copy application | Bulk Upload | User Role Management | Edit User profile

### Your Applications

International Reference Number	Created On	Modified On	Date of Submission	Crop	Proposed Variety Denomination	Breeder's Variety Reference	Submitter's Own Variety Reference	Authority	Status	Applicant Payment Status	Action
NA	NA	15/05/2017	NA	Lettuce		123	123	EUROPEAN UNION	Pending	NA	View   Edit
XU_3020160007001	30/06/2016	23/11/2016	22/11/2016	Rose	PROPOSED NAME ROSE AUSTRALIA			AUSTRALIA	Submitted	Pending Payment Confirmation	View
XU_9999999999999	NA	NA	NA	Lettuce				BRAZIL	Submitted	Pending Payment Confirmation	View
XU_3020179900000	NA	30/05/2017	NA	Rose	TEST RELEASE 1.1 HIR AR rose		TEST SYNGENTA	ARGENTINA	Pending	NA	View   Edit   Delete Co-Crafters Management
XU_9999999999999	NA	NA	10/05/2016	Lettuce		VARIETY_TEST		AUSTRALIA	Submitted	Pending Payment Confirmation	View
NA	10/05/2017	10/05/2017	NA	Potato	Proposed den	Potato FR PC	Potato FR PC	FRANCE	Pending	NA	View
XU_3000999999999	NA	NA	NA	Lettuce		TEST VARIETY RZ		AUSTRALIA	Submitted	Received	View
XU_3020160001604	NA	NA	07/05/2016	Lettuce	MY DENOM CL			CHILE	Submitted	Pending Payment Confirmation	View
XU_3020160001742	NA	NA	09/06/2016	Lettuce		VARIETY_TEST_NO		NORWAY	Submitted	Received	View
XU_3020160001703	NA	NA	09/05/2016	Rose	DENOMINATION FOR CHILE			CHILE	Submitted	Received	View


Subtitles/CC Options

- Off
- Arabic
- Chinese (China)
- ✓ English
- French
- German
- Japanese
- Korean
- Spanish
- Auto-translate

Pour lancer une nouvelle demande, veuillez cliquer sur "nouvelle dema



# User Guides for Breeders

**UPOV PRISMA**   
REGISTER NOW AND USE UPOV PRISMA FOR FREE UNTIL DECEMBER 2018!

ABOUT UPOV | MEMBERSHIP | UPOV SYSTEM | PVP DATA & STATISTICS | MEETINGS | NEWS

**UPOV PRISMA**

- Go to UPOV PRISMA
- How to Access UPOV PRISMA
- Terms of Use
- Testimonials
- Tutorials
- User Guides**
- PVP-XML
- Payment of fees
- Web Services
- Contact Us


HOME » UPOV PRISMA PBR APPLICATION TOOL » UPOV PRISMA »

## User Guides

The user guide is intended for users of the UPOV PRISMA:

- User guide for Breeders: [EN](#) | [FR](#) | [ES](#) | [DE](#) | [ZH](#)
- User guide for PVP Officers: [EN](#) | [FR](#) | [ES](#) | [DE](#) | [ZH](#)

▲ Top of page



# UPOV PRISMA

- Overview
- **Next Versions of the Tool**
- Next steps

# UPOV PRISMA

Version 2.1 (Summer 2018)

New authorities which could be included

- Costa Rica
- Serbia
- Sweden
- **United Kingdom**
- Republic of Korea
- Viet Nam



# UPOV PRISMA

## Version 2.1 (Summer 2018)

- New languages
    - Navigation language: Vietnamese, Korean
    - Output form language: Serbian
  - Crops/ species coverage expansion
    - Colombia : from 5 to all crops and species
    - European Union:
      - Ornamentals
      - Fruits
      - Vegetables Ornamentals
- With Test Guidelines/  
CPVO Protocols
- New crops
    - Avocado (TG 97)- Apple Rootstocks (TG 163)



# 2019 and beyond

- Expansion
  - Members
  - Crops/species
  - More PVP offices/ breeders with machine-to-machine links/ communication to UPOV PRISMA
- Potential New functionalities (to be assessed and agreed)
  - List of local accredited agents/ procedural representatives
  - Information on DUS cooperation
  - Information on next steps required after submission
  - Novelty alerts
  - Alerts for deadline applications/submission
  - [Machine translation]

# UPOV PRISMA

## PREVIEW

- Overview
- Next Versions of the Tool
- **Next steps**



# UPOV PRISMA



**Get started now**  
and use **UPOV PRISMA** for **FREE**  
until **December 2018!**



UPOV PRISMA tool

### Stakeholder features

- Breeders
- Farmers and Growers
- Policy makers
- General Public

UPOV PRISMA  
PBR Application Tool

GENIE Database

UPOV Lex

Plant Variety Database (PLUTO)

### Welcome

Information

The UPOV Convention for the Protection of New Varieties of Plants (UPOV) is an international agreement in Switzerland). UPOV was created by the International Union for the Protection of New Varieties of Plants. UPOV's mission is 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.

### Quick Links

- Introduction to UPOV
- Benefits of UPOV
- UPOV Collection
- UPOV PRISMA (Information)

# UPOV PRISMA



**...get a new  
global perspective on PBR**

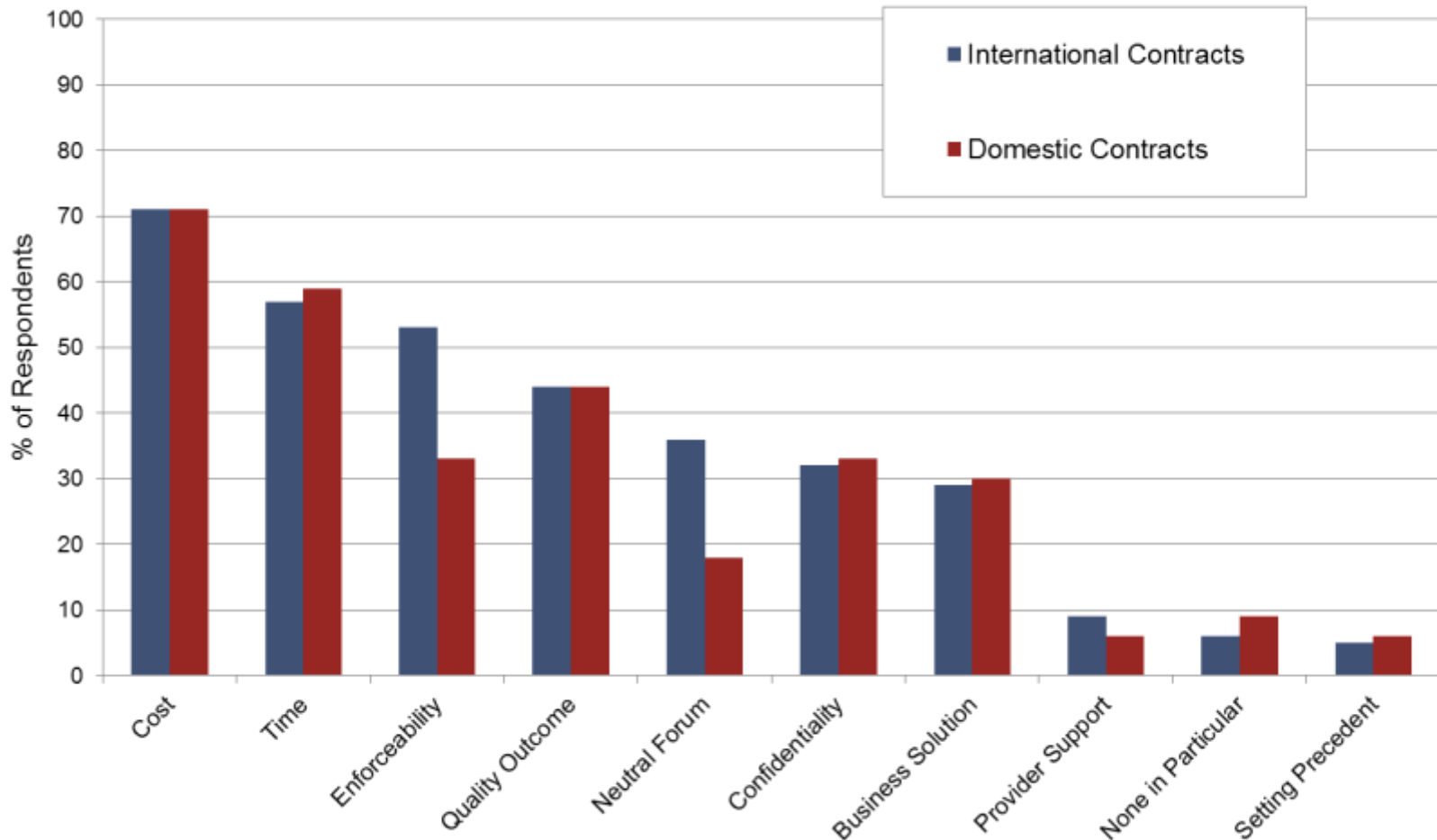
# Defending your Rights: Alternative Dispute Resolution (ADR)



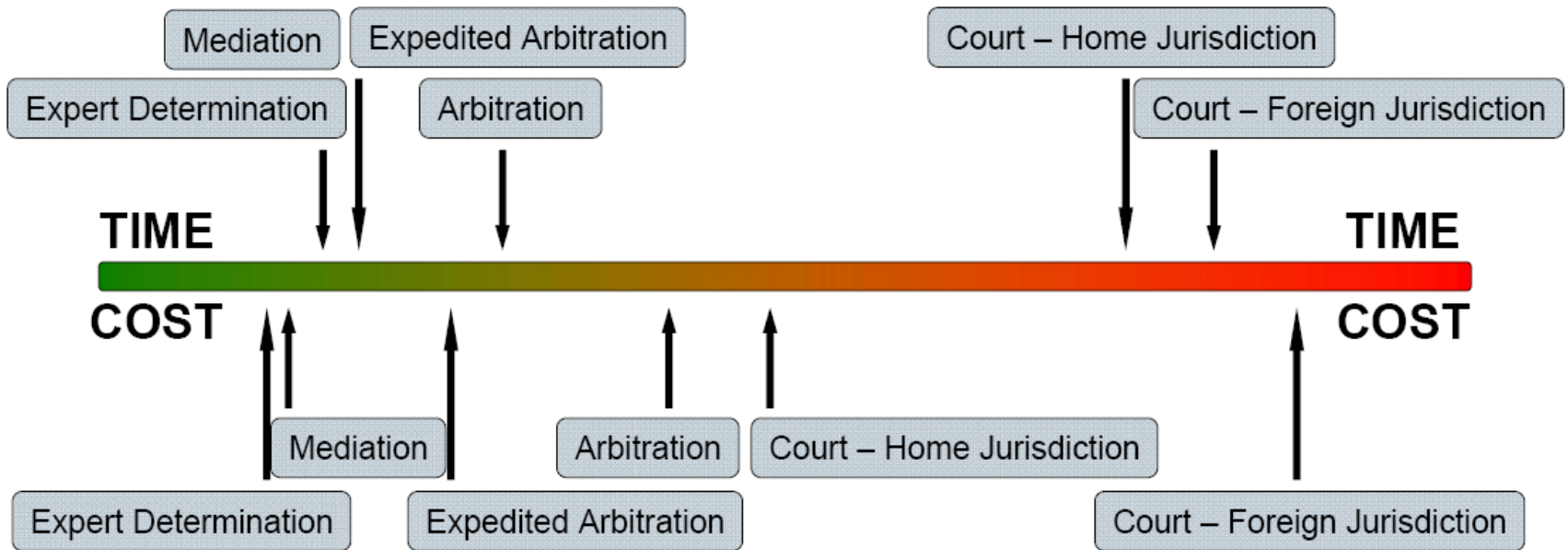
Mr. Vazquez Lopez, Head,  
Section for Coordination with Developed Countries,  
Department for Transition and Developed Countries

**London, April 30 2018**

# Top Ten Priorities in Choice of Dispute Resolution Clause



# Relative Time and Cost of Technology Dispute Resolution



WIPO Center Report on International Survey of Dispute Resolution in Technology Transactions

# WIPO Arbitration and Mediation Center

- Facilitates the resolution of commercial disputes between private parties involving IP and technology, through procedures other than court litigation (alternative dispute resolution: ADR)
  - Offices in Geneva and Singapore
  - Users around the world
- ADR of IP disputes benefits from a specialized ADR provider
  - WIPO mediators, arbitrators and experts experienced in IP and technology - able to deliver informed results efficiently
- Competitive WIPO fees
- International neutrality
- Services include mediation, (expedited) arbitration, expert determination, and domain name dispute resolution

# WIPO ADR

## Mediation, Arbitration, Expert Determination

- **Mediation:** informal consensual process in which a neutral intermediary, the mediator, assists the parties in reaching a settlement of their dispute, based on the parties' respective interests. The mediator cannot impose a decision. The settlement agreement has force of contract. Mediation leaves open available court or agreed arbitration options.
- **Arbitration:** consensual procedure in which the parties submit their dispute to one or more chosen arbitrators, for a binding and final decision (award) based on the parties' rights and obligations and enforceable internationally. Arbitration normally forecloses court options.
- **Expert Determination:** consensual procedure in which the parties submit a specific matter (e.g., technical question) to one or more experts who make a determination on the matter, which can be binding unless the parties have agreed otherwise.



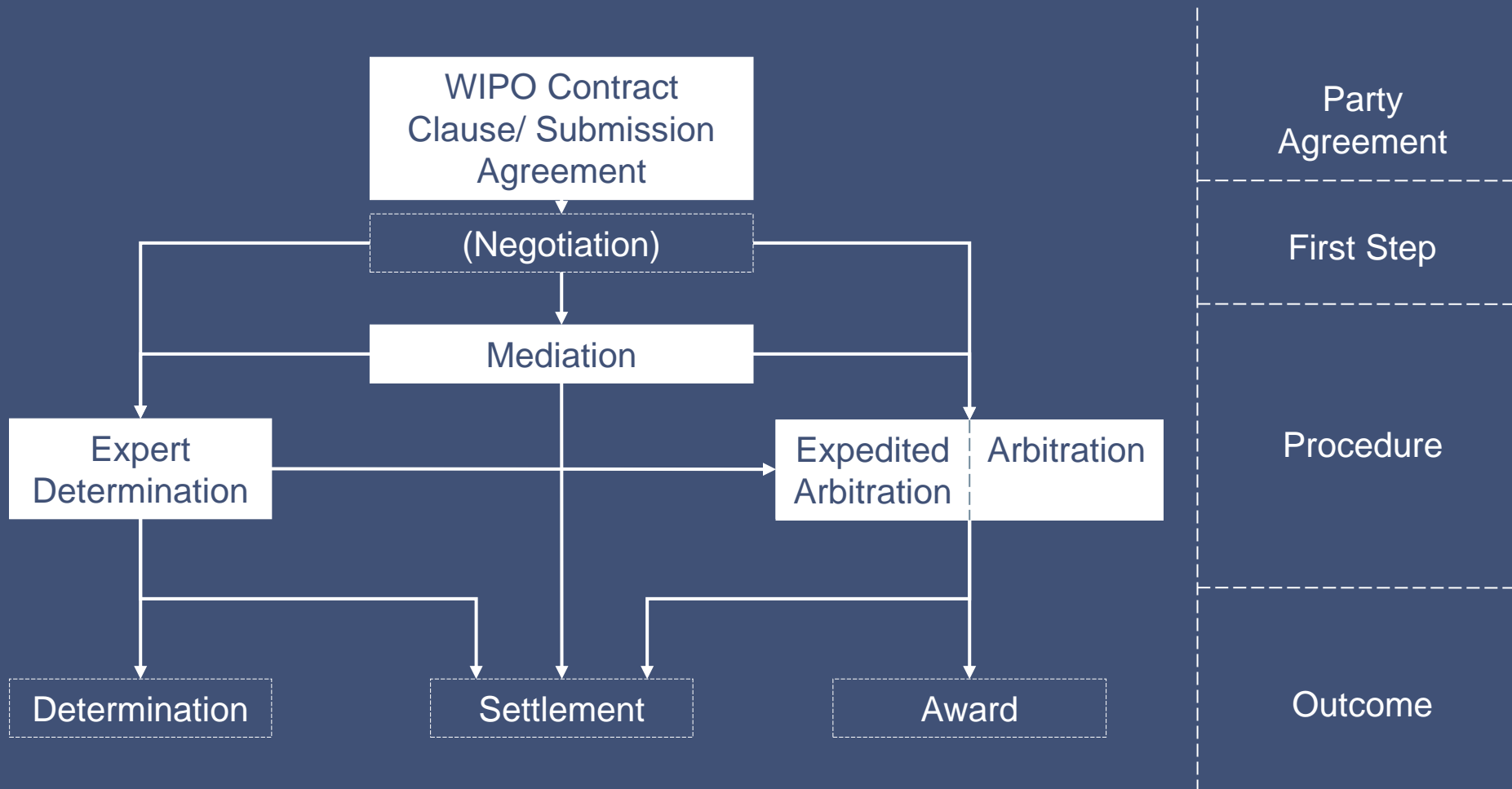
# Why Consider IP ADR?

- Cost of IP court litigation
  - *Calls for cost- efficient solutions*
- Internationalization of creation/use of IP
  - *Calls for cross-border solutions; consolidate in one procedure*
  - *Awards enforceable under the New York Convention*
- Technical and specialized nature of IP
  - *Calls for specific expertise of the neutral*
- Short product and market cycles in IP
  - *Calls for time-efficient procedures*
- Confidential nature of IP
  - *Calls for private procedures*
- Collaborative nature of IP creation and commercialization
  - *Calls for mechanisms that preserve relations*

# Routes to WIPO ADR

- ADR contract clause electing WIPO Rules
  - WIPO Mediation, and/or
  - WIPO Arbitration / Expedited Arbitration, and/or
  - WIPO Expert Determination
  - Model clauses: [www.wipo.int/amc/en/clauses/index.html](http://www.wipo.int/amc/en/clauses/index.html)
    - Parties can shape the process through the clause (e.g., location, language, law)
- ADR submission agreement electing WIPO Rules, e.g., in existing non-contractual disputes
  - Referral by a court or by parties in court litigation
- Unilateral request for WIPO Mediation by one party (Art. 4 WIPO Mediation Rules)

# WIPO ADR Options



# WIPO Center Case Role

- Administering cases
  - Under WIPO Rules, or under special procedures
  - Active management: containing time and costs
    - WIPO ECAF (optional online case management)
  
- Facilitating selection and appointment of mediators, arbitrators, experts
  - WIPO list of 1,500+ neutrals
    - From numerous countries in all regions, including The Netherlands
    - Specialized in different areas of IP and IT

## WIPO Clause Generator

### Step 3 – Build your clause: WIPO Mediation followed, in the absence of a settlement, by Arbitration Clause

#### Mediation

##### Core Elements ?

Place of Mediation

Language of the Mediation

Duration of the Mediation Proceedings

##### Additional Elements ?

Qualifications of the Mediator

Conduct of the Mediation

#### Arbitration

##### Core Elements ?

Number of Arbitrators

Place of Arbitration

Language of Arbitration

Substantive Law

##### Additional Elements ?

Appointment Procedure

Qualifications of the Arbitrators

ECAF

Evidence

Time Period of Delivery of the Final Award

Appeal

The parties should determine where they want the mediation to take place.

The place of mediation shall be .

Clear

Next

Any dispute, controversy or claim arising under, out of or relating to this contract and any subsequent amendments of this contract, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be submitted to mediation in accordance with the WIPO Mediation Rules.

The place of mediation shall be [specify place].

The language to be used in the mediation shall be [specify language].

If, and to the extent that, any such dispute, controversy or claim has not been settled pursuant to the mediation within [specify timeline] days of the commencement of the mediation, it shall, upon the filing of a Request for Arbitration by either party, be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. Alternatively, if, before the expiration of the said period of [specify timeline] days, either party fails to participate or to continue to participate in the mediation, the dispute, controversy or claim shall, upon the filing of a Request for Arbitration by the other party, be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules.

The arbitral tribunal shall consist of [a sole arbitrator][three arbitrators].

The place of arbitration shall be [specify place].

The language to be used in the arbitral proceedings shall be [specify language].

The dispute, controversy or claim shall be decided in accordance with the law of [specify jurisdiction].

### Step 4 – Download or copy the final result

Download

Copy to clipboard

Print clause

# WIPO Mediation, Arbitration and Expert Determination Cases

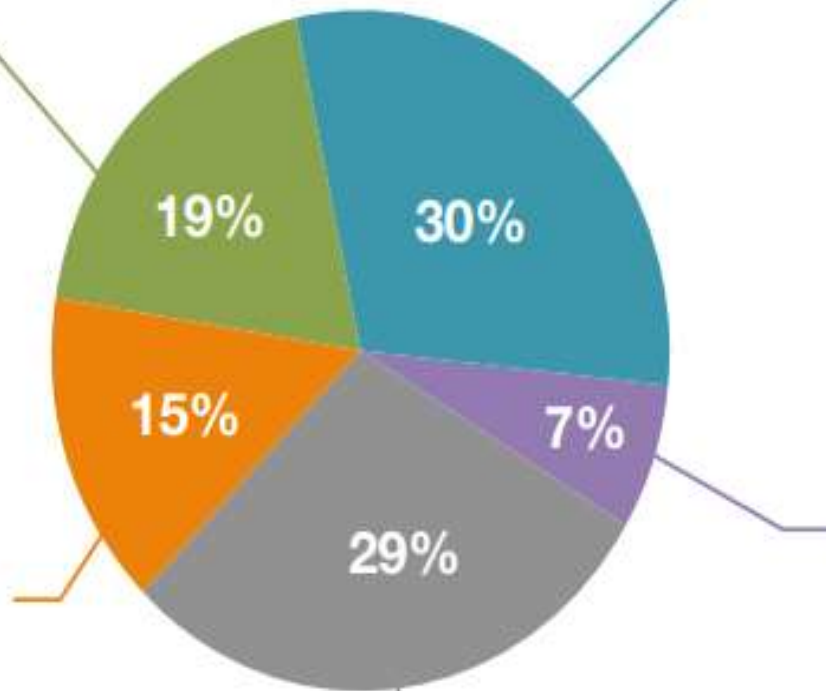
- Domestic and international disputes (25/75%)
- Case venues around the world
- Amounts in dispute from USD 20,000 to USD 1 billion
- IP/IT disputes and commercial disputes
  - Contractual
  - Non-contractual (infringement of IP rights)

**Trademarks**

Coexistence  
Infringements  
Licenses  
Oppositions  
Revocations

**Patents**

Cross-licensing  
Infringements  
Licenses  
Ownership  
Patent Pools  
R&D / Tech Transfer  
Royalty Payment



**Commercial**

Distribution  
Energy  
Franchising  
Marketing  
Sports

**Copyright**

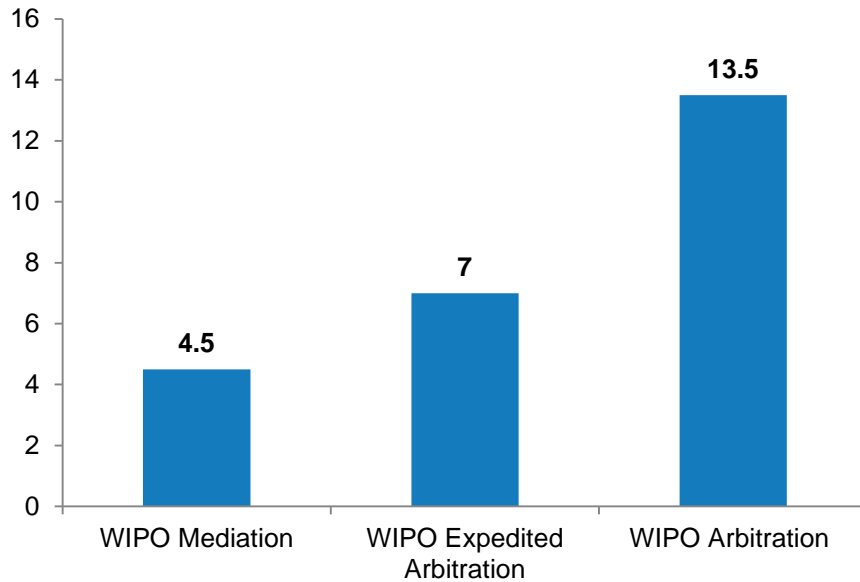
Art  
Broadcasting  
Entertainment  
Film and Media  
Infringements  
TV Formats

**ICT**

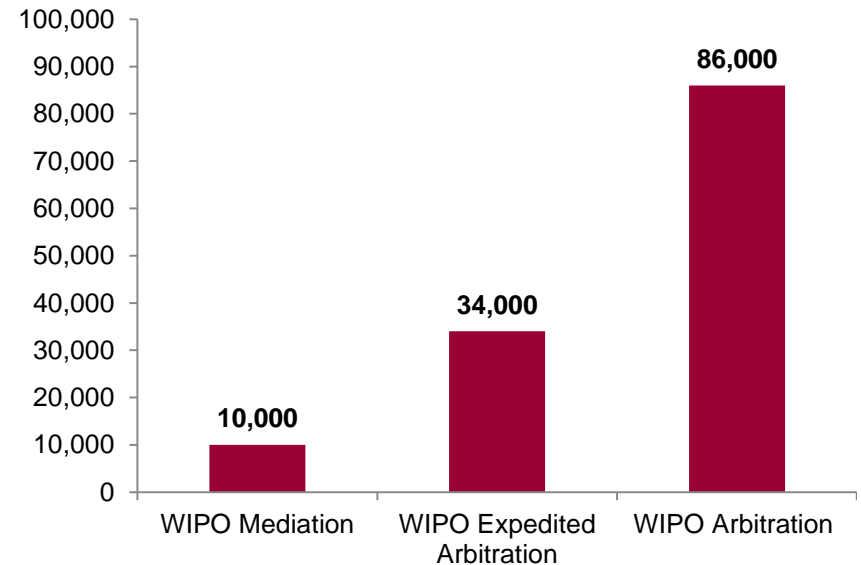
Mobile Apps  
Outsourcing  
Systems Integration  
Software Development  
Software Licensing  
Telecommunications

# WIPO Cases: Typical Time and Cost

Time (Months)



Cost (USD)

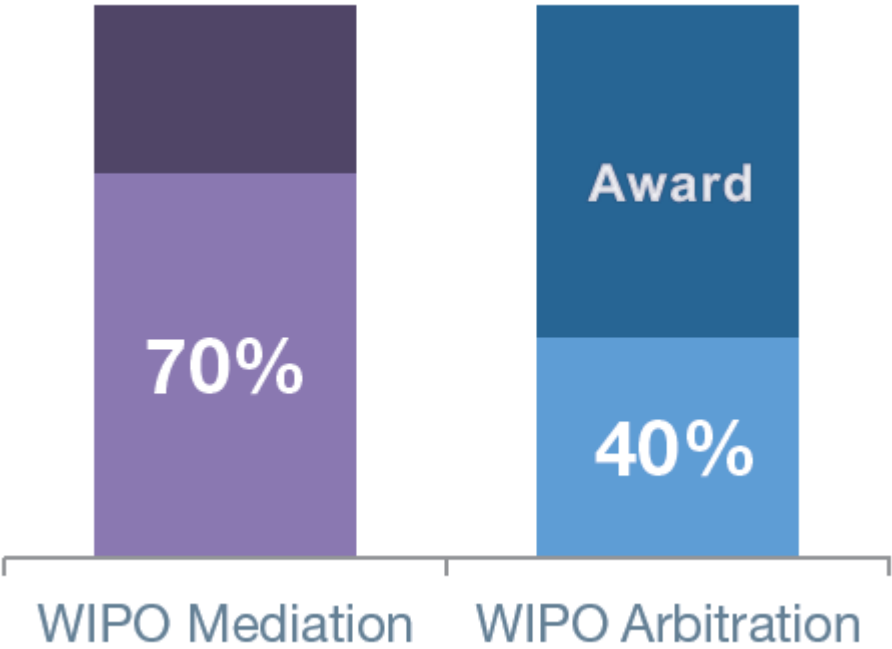


\* Excluding cost of parties legal representation

\*\* WIPO Fee Calculator available online



# Party Settlement under WIPO Rules



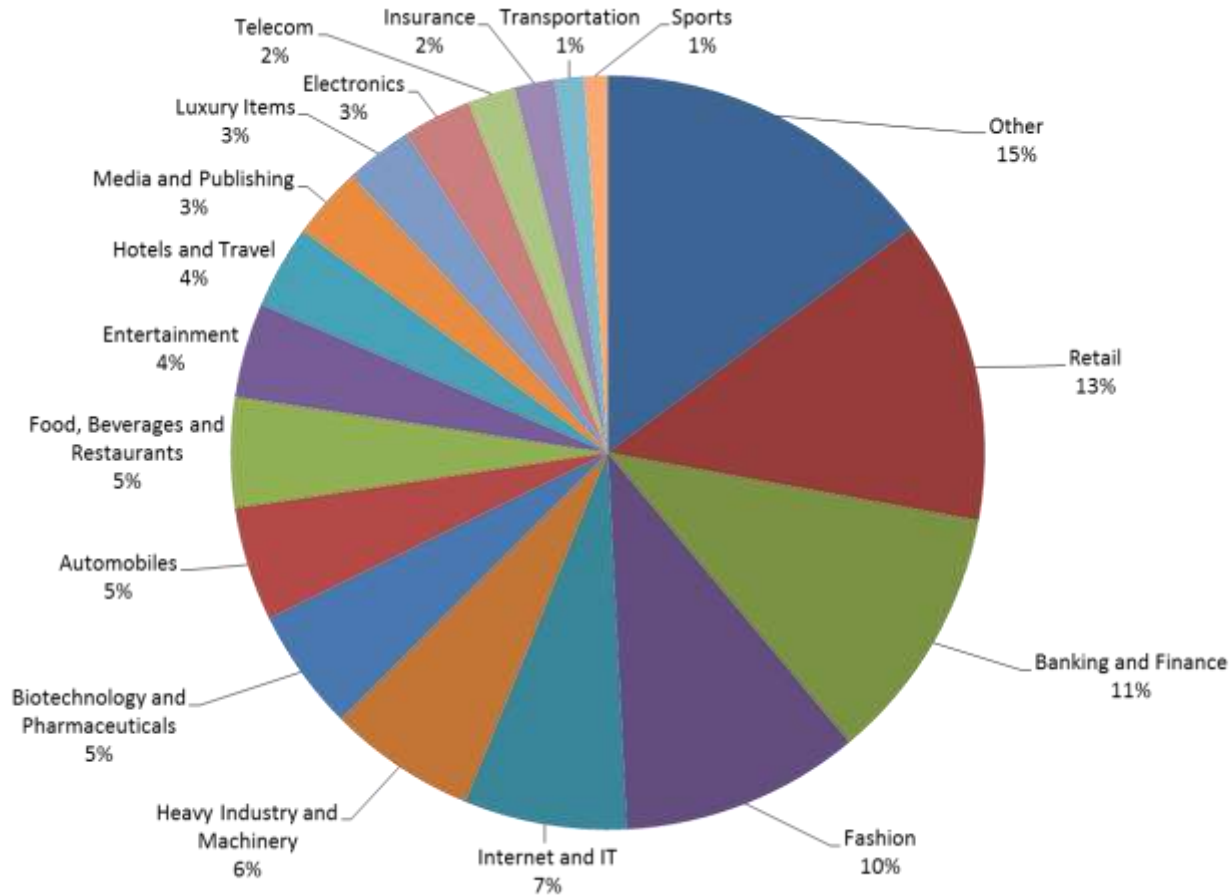
# Resolving Cybersquatting Disputes at WIPO

- WIPO has created and operates the Uniform Domain Name Dispute Resolution Policy (UDRP)
- An international administrative ADR procedure that allows trademark owners to file “clear cut” cases of abusive domain name registration and use (“cybersquatting”) without going to court
- Uniform: applicable to all international domains “old” (.com, .net, etc.) and “new” (.bike, .xyz, etc.)
  - Also available for 74 national domains, including (in adapted form) the .nl domain
- Since 1999: 39,000 WIPO cases covering 73,000 domain names
  - 2016 total: 3,074 cases

# UDRP: Principal Advantages

- Significantly quicker and cheaper than court litigation
  - Two-month average; fixed fees (USD 1,500)
- Predictable criteria and results
- Decision (transfer) implemented directly by registrar
- Prevents consumer confusion/brand abuse

# WIPO UDRP Complainant Areas of Activity



# Further WIPO ADR Information

- Queries:  
[arbiter.mail@wipo.int](mailto:arbiter.mail@wipo.int)
- Clauses:  
[www.wipo.int/amc/en/clauses/](http://www.wipo.int/amc/en/clauses/)
- Rules:  
<http://www.wipo.int/amc/en/rules/>
- Case examples:  
[www.wipo.int/amc/](http://www.wipo.int/amc/)
- WIPO domain name dispute resolution:  
[www.wipo.int/amc/en/domains/](http://www.wipo.int/amc/en/domains/)



# IP Infrastructure

## Databases and Platforms

Paul Halfpenny, Senior Administrator,  
Global Infrastructure Sector

**Newcastle, London, Birmingham**  
**April – May 2018**

# IP Infrastructure Databases and Platforms



Mr. Paul Halfpenny, Senior Administrator,  
Office of the Assistant Director General,  
Global Infrastructure Sector, (GIS), WIPO

**London, April 30 2018**

# Strategic Goals of Global Databases and Platforms

- Two related goals:
  - Coordination and Development of Global IP Infrastructure
  - World Reference Source for IP Information and Analysis



# TOOLS, PLATFORMS FOR IP BUSINESS AND GLOBAL DATABASES

- International Classifications and Standards
- WIPO Access to Knowledge and Information
- WIPO Platform (IPAS, DAS, CASE, Connect)
- WIPO Lex
- Global Brand Database
- Global Design Database
- PATENTSCOPE

# Classifications

## WIPO International Classifications

Applicants for national or international IP protection are required to determine whether their creation is new or owned/claimed by someone else. To determine this, huge amounts of information must be searched. International classifications facilitate such searches by organizing information concerning inventions, trademarks and industrial designs into indexed, manageable structures for easy retrieval.

### News

[All news](#)

[CEL/12 \(October 26 to 30, 2015\): final report now available](#) Nov 23, 2015 |  
[Official Spanish version of NCL10-2016 now available in XLS format](#) Nov 9, 2015

### International Patent Classification

The International Patent Classification (IPC) is used to classify patents and utility models according to the different areas of technology to which they pertain. The IPC was established by the [Strasbourg Agreement](#) in 1971 and is continuously revised by the [IPC Committee of Experts](#).

### Nice Classification

The Nice Classification (NCL) is an international system used to classify goods and services for the purposes of the registration of marks. The Nice Classification was established by the [Nice Agreement](#) in 1957 and is continuously revised by the [Committee of Experts](#) of the Nice Union.

### Locarno Classification

The Locarno Classification (LOC) is an international system used to classify goods for the purposes of the registration of industrial designs. It was established by the [Locarno Agreement](#) in 1968 and is continuously revised by the [Committee of Experts](#) of the Locarno Union.

### Vienna Classification

The Vienna Classification (VCL) is a hierarchical system that classifies the figurative elements of marks into categories, divisions and sections, on the basis of their shape. It was established by the [Vienna Agreement](#) in 1973 and is continuously revised by the [Committee of Experts](#) of the Vienna Union.

- (a) **Section Symbol** – Each section is designated by one of the capital letters A through H.
- (b) **Section Title** – The section title is to be considered as a very broad indication of the contents of the section. The eight sections are entitled as follows:

A HUMAN NECESSITIES  
 B PERFORMING OPERATIONS; TRANSPORTING  
 C CHEMISTRY; METALLURGY  
 D TEXTILES; PAPER  
 E FIXED CONSTRUCTIONS  
 F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS;  
 BLASTING  
 G PHYSICS  
 H ELECTRICITY

(c) *[Deleted]*

- (d) **Subsection** – Within sections, informative headings may form subsections, which are titles without classification symbols.

Example: Section A (HUMAN NECESSITIES) contains the following subsections:

AGRICULTURE  
 FOODSTUFFS; TOBACCO  
 PERSONAL OR DOMESTIC ARTICLES  
 HEALTH; LIFE SAVINGS; AMUSEMENT

## CLASS

20. Each section is subdivided into classes which are the second hierarchical level of the Classification.

- (a) **Class Symbol** – Each class symbol consists of the section symbol followed by a two-digit number.

Example: H01

- (b) **Class Title** – The class title gives an indication of the content of the class.

Example: H01 BASIC ELECTRIC ELEMENTS

- (c) **Class Index** – Some classes have an index which is merely an informative summary giving a broad survey of the content of the class.

# Standards

## WIPO Standards

### **Part 3 of the *Handbook on Industrial Property Information and Documentation***

This part of the [WIPO Handbook](#) contains the full text of WIPO Standards, Recommendations and Guidelines established with the intention of harmonizing industrial property information practices of WIPO [member states](#), thereby promoting international exchange of industrial property documents and related data.

WIPO Standards are expressed in the form of recommendations and are directed to States and international organizations, in particular to their national or regional industrial property offices, to the International Bureau of WIPO, and to any other national or international institution interested in industrial property documentation and information.

In the framework of the [international cooperation](#) promoted by WIPO in the field of industrial property information and documentation, standardization efforts have resulted in over 50 [WIPO Standards](#), Recommendations and Guidelines related to [patents](#), [trademarks](#) and [industrial designs](#).

WIPO Standards facilitate the harmonization of practices by industrial property offices regarding electronic data processing in respect of the procedures for filing, examination, publication, granting and registration of industrial property titles. WIPO Standards also facilitate the international transmission, exchange, sharing and dissemination of industrial property information (text and images), as well as access to and retrieval of this information.

Any new Standard or revised version of already existing Standards will be added to those published here subsequent to the adoption thereof by the Committee on WIPO Standards (CWS).

### Shortcuts

[List of WIPO Standards](#)

[WIPO Standards referenced in other WIPO Standards](#)

[Tracked Changes Files](#)

[Archives](#)

# Access to Knowledge and Information

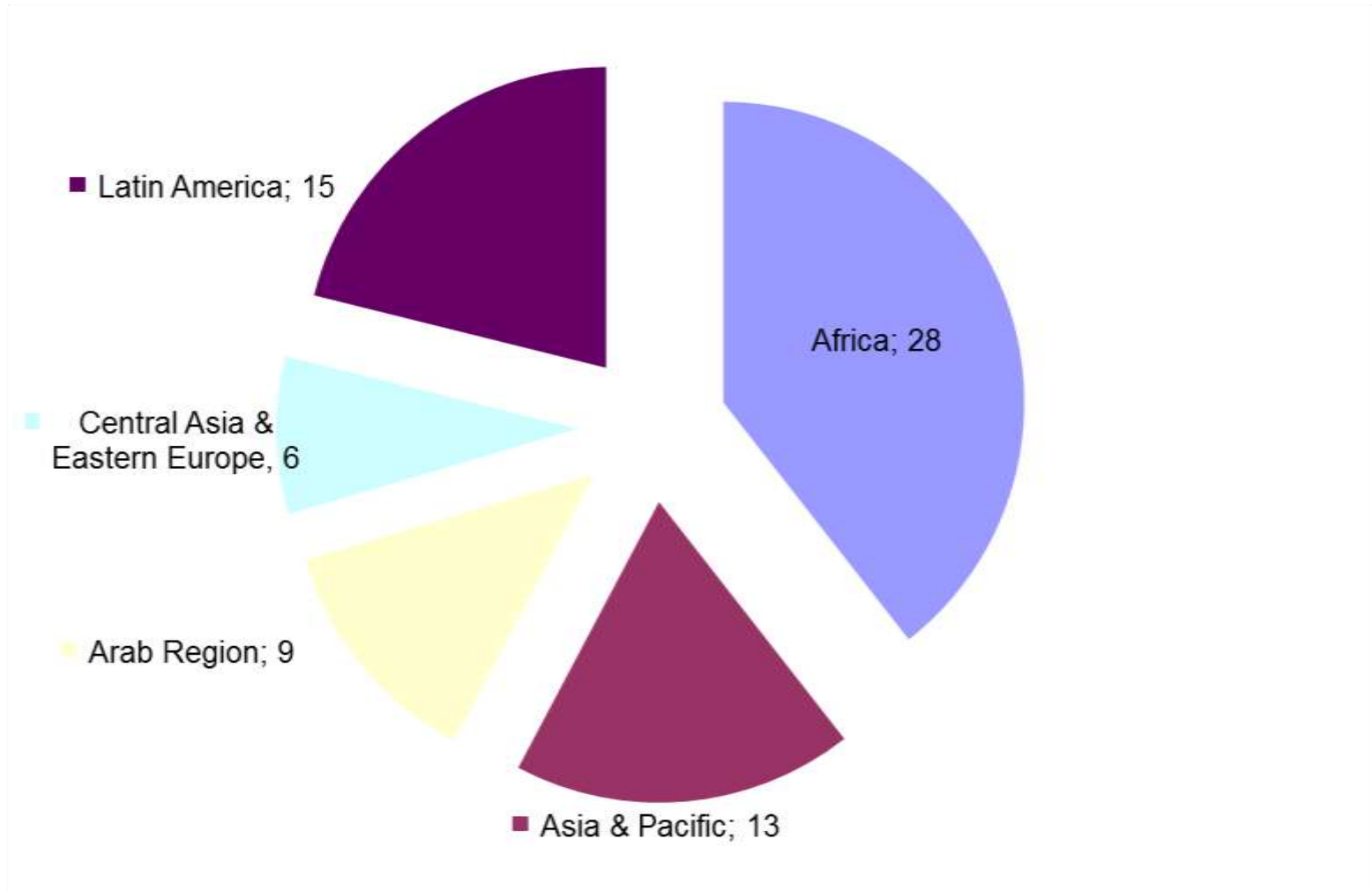
- TISC - Technology and Innovation Support Centers
- ASPI - Access to Specialized Patent Information
- ARDI - Access to Research for Development and Innovation
- IAP – Inventor Assist Program

# TISC Services

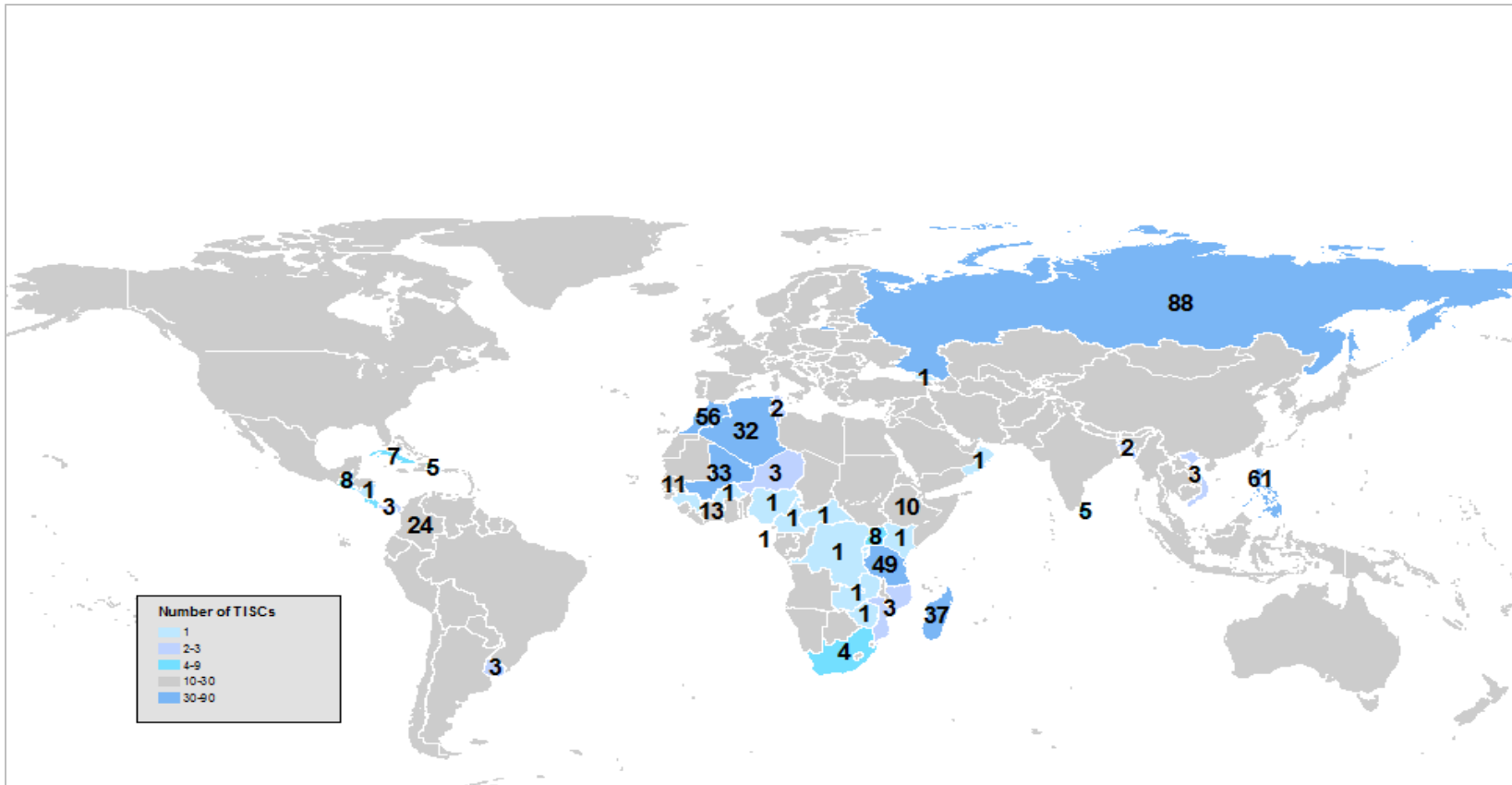


- Core services
  - Access to patent and non-patent databases
  - Assistance in using databases
- Additional services (based on user need and office capacity)
  - Technology search services
  - Patent analytical services
  - Awareness-raising and training services

# Regional distribution



# TISC Results to date



**71 national projects** and over **600TISCs** worldwide

**> 600'000 inquiries** supported annually (*data as of 2017*)



# Resources



Print resources



Electronic resources

# Patent Landscape Reports

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

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## Patent Landscape Reports

**On this page:** [WIPO patent landscape reports \(PLRs\)](#) | [PLR Guidelines](#) | [Other PLRs](#)

Patent landscape reports (PLRs) provide a snap-shot of the patent situation of a specific technology, either within a given country or region, or globally. They can inform policy discussions, strategic research planning or technology transfer. They may also be used to analyze the validity of patents based on data about their legal status.

A PLR begins with a state-of-the-art search for the relevant technology in selected patent databases. The search results are then analyzed to answer specific questions about, for example, patterns of patenting activity or of innovation. The results are presented visually to assist understanding and conclusions or recommendations based on the empirical evidence are provided.

[Contact us](#)

**FEATURED PUBLICATION**

**Guidelines for Preparing Patent Landscape Reports**

[http://www.wipo.int/patentscope/en/programs/patent\\_landscapes/](http://www.wipo.int/patentscope/en/programs/patent_landscapes/)

# WIPO-WEF Inventor Assistance Program (IAP)

- Pro bono legal assistance in filing and prosecution of patent applications for under-resourced inventors and small enterprises
- Pilot projects in Colombia, Morocco, and Philippines in 2015/16
- Global launch October 17, 2016
- Program launch in South Africa in 2017

# IAP: Process

## Inventor

- Participates in preparatory course
- Submits request

## TISC

- Reviews and transmits requests

## WIPO

- Matches inventor with advisors
- Administers cases

## Advisor

- Provides legal advice
- Coordinates with WIPO and other advisors

# Access to Commercial Patent Database Systems

## ASPI

ACCESS TO SPECIALIZED PATENT INFORMATION

- Partnership with 8 patent database service providers
  - AmberCite → AmberScope
  - LexisNexis → TotalPatent
  - Minesoft → PatBase
  - PatSnap → Analytical/Insights/Chemical
  - Questel → Orbit
  - Thomson Reuters → Thomson Innovation
  - WIPS → WIPS Global
  - Gridlogics → PatSeer

[www.wipo.int/aspi](http://www.wipo.int/aspi)

# Access to Scientific and Technical Journals

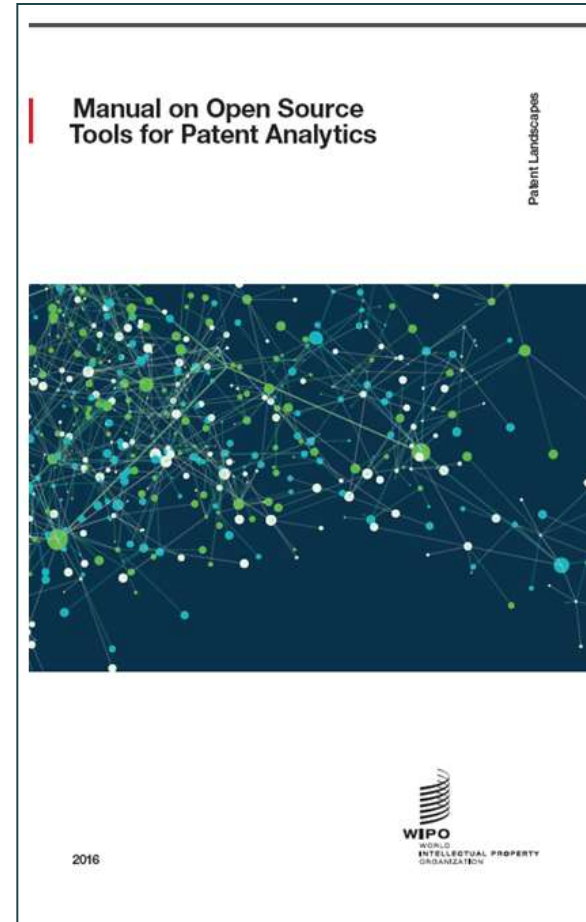


- Partnership with 31 major publishers
- Free or low-cost access for 117 least developed and developing countries to over 28,800 books, journals, and reference works in various fields of research including:
  - applied physics
  - engineering
  - chemistry
  - traditional knowledge

[www.wipo.int/ardi](http://www.wipo.int/ardi)

# The Manual on Open Source Tools for Patent Analytics

- Aimed at exploring:
  - various free and open source tools which could be used for various patent analysis tasks by users in developing countries
  - Includes walkthrough for using selected software for various analytics tasks



<https://wipo-analytics.github.io>

# WIPO Platforms

- IPAS - Industrial Property Administration System
- DAS - Digital Access System
- CASE - Centralized Access to Search and Examination Reports
- WIPO Connect



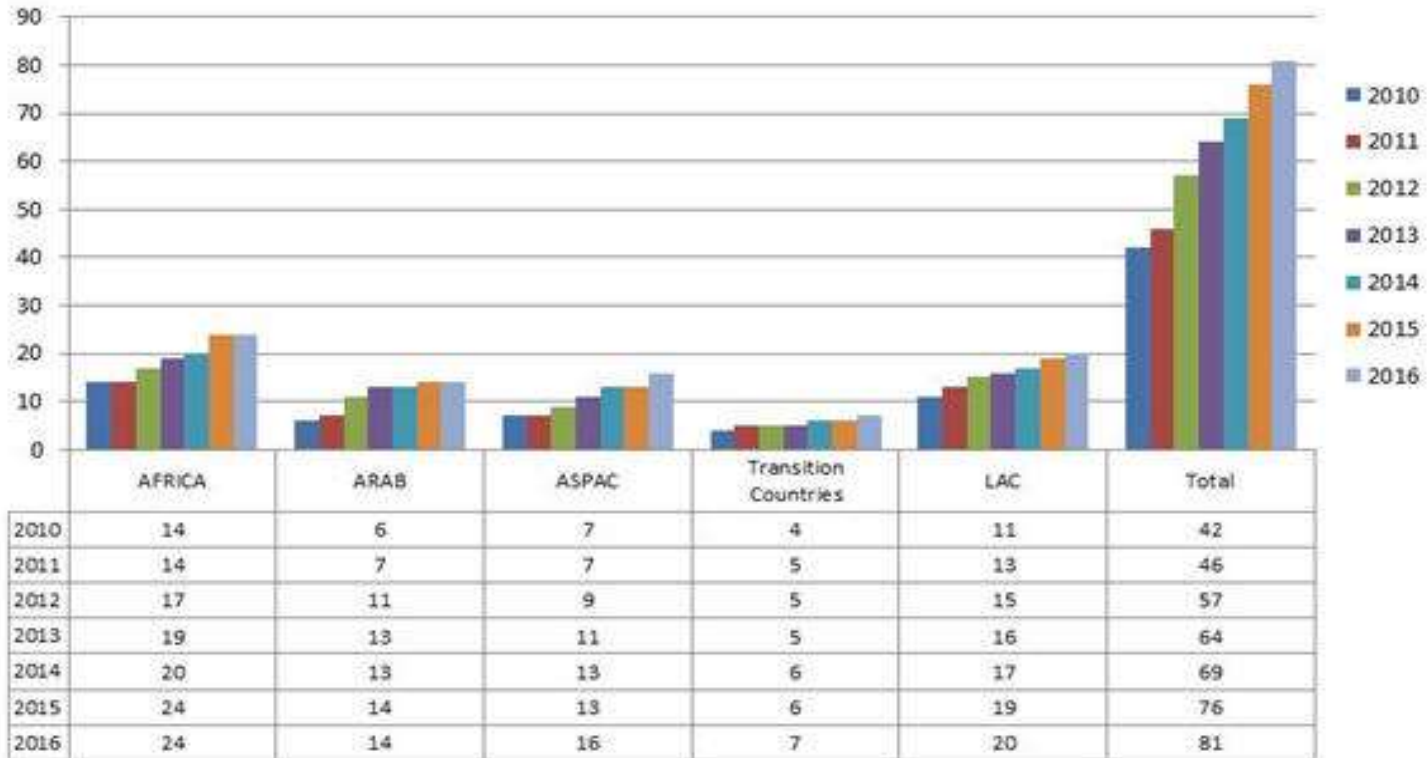
# IPAS

- IPAS used by 70 IPOs

- A WIPO software enabling small IPOs to electronically process patent, trademark, design applications and automatically provide the data to WIPO for inclusion in IP databases

# IPAS Usage

WIPO IP Office Business Systems - Usage by Region



IP Office Business Systems include: IPAS (IP Administration System), AIPMS (Arab language version), WIPO Scan (digitization), EDMS (document management), WIPO File (online filing), WIPO Publish (online search database)

# WIPO Digital Access System (DAS)

- DAS (Digital Access System) used by 14 IPOs
- A System that allows IPOs and applicants to securely exchange or submit a digital copy of priority documents to multiple IPOs

The screenshot shows the Australian Government IP Australia website. At the top left is the Australian Government logo and 'IP Australia'. To the right are links for 'About us' and 'Contact us'. Below this is a navigation bar with 'ONLINE SERVICES >' and a search box. The main navigation menu includes 'Patents', 'Trade marks', 'Designs', 'Plant breeder's rights', 'Understanding IP', 'IP infringement', and 'Tools & resources'. The main heading is 'Priority Document Access Service (DAS)'. Below the heading, there are two columns of text. The left column has a link 'HOW TO FILE AN INTERNATIONAL APPLICATION ONLINE' and a link 'PRIORITY DOCUMENT ACCESS SERVICE (DAS)'. The right column has a link 'Listen to this page' and a paragraph describing the DAS service. At the bottom right of the main content area is a chatbot icon labeled 'ASK ALEX FOR HELP'.

Australian Government  
IP Australia

About us | Contact us

ONLINE SERVICES >

Search website

Patents Trade marks Designs Plant breeder's rights Understanding IP IP infringement Tools & resources

## Priority Document Access Service (DAS)

[Listen to this page](#)

The Priority Document Access Service (DAS) offers a simple and secure digital alternative to filing paper copies of priority documents with multiple patent offices. This service is administered by the International Bureau of the World Intellectual Property Organization (WIPO).

Through the service a patent applicant claiming priority can have an electronic certified copy of their original application included in a secure digital library. This allows participating offices to access the document and removes the need to separately provide the document to each patent office in which a patent application is filed.

Participation in the service is voluntary for participating patent offices and applicants. Priority documents can still be supplied to the mail or fax). The International Bureau

[ASK ALEX FOR HELP](#)

# WIPO CASE Membership – Providing Offices

Providing Offices	Notes
Australia	
Brunei Darussalam	Final technical preparation
Canada	
Chile	Final technical preparation
China	
EPO	
Israel	
Japan	
Republic of Korea	
IB (PCT)	Providing office only, for PCT documentation.
United Kingdom	
United States of America	Initially a providing office only.

Over 30 million patent applications searchable in WIPO CASE (access given to participating IPOs only).

# WIPO CASE Membership – Accessing Offices

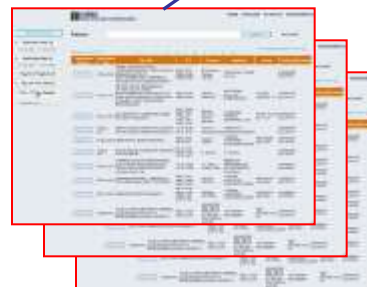
Accessing-only Offices	Notes	Accessing-only Offices	Notes
Cambodia		Papua New Guinea	
Eurasian Patent Organization (EAPO)		Philippines	
India		Singapore	Indicated willingness to become a providing office.
Indonesia		Thailand	
Lao PDR		Viet Nam	
Malaysia			
Mongolia			
New Zealand	Indicated willingness to become a providing office.		

# Public Access



Public Users

IP 5 Public Dossier



Patentscope Public Access



## Status

- IP5 “Global Dossier” available to public in EP, JP and US
- Offices allowing public access: IP5, plus WO/PCT, AU, CA (more to confirm soon)
- Public access via PATENTSCOPE

# WIPO CASE Integration in PATENTSCOPE

- Dossier content available via PATENTSCOPE contains non-confidential public documents related to the search and examination of patent applications during the patenting process in each office including:
  - search reports
  - office actions and
  - correspondence between the applicant and the patent office, relating to a particular patent application

# WIPO CASE Integration in PATENTSCOPE - Example



PATENTSCOPE

Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Pycckий | 中文 | العربية

Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search Browse Translate Options News Login Help

Home > IP Services > PATENTSCOPE



1. (JP2016504271) エポキシ化脂肪酸アルキルエステル可塑剤およびエポキシ化脂肪酸アルキルエステル可塑剤を製する方法

National Biblio. Data Full Text Documents

Published Application

			View
JP2016504271T	JP2016010	XML, PDF, ZIP(XML + TIFFs)	

Global Dossier

Legal date	Description	Download
	Abstract (ORIGINAL)	PDF
	Abstract (TRANSLATED)	PDF
	Claims (ORIGINAL)	PDF
	Claims (TRANSLATED)	PDF
	Description (ORIGINAL)	PDF
	Description (TRANSLATED)	PDF
	Drawings (ORIGINAL)	PDF
	Drawings (ORIGINAL)	PDF
	Drawings (ORIGINAL)	PDF
	Drawings (TRANSLATED)	PDF
	Drawings (TRANSLATED)	PDF



# WIPO CASE Integration in PATENTSCOPE - Example (cont'd)

22.09.2014	Communication In Cases For Which No Other Form Is Applicable (ORIGINAL)	<a href="#">PDF</a>
22.09.2014	Communication In Cases For Which No Other Form Is Applicable (TRANSLATED)	<a href="#">PDF</a>
10.04.2015	National Entry Form (ORIGINAL)	<a href="#">PDF</a>
10.04.2015	National Entry Form (TRANSLATED)	<a href="#">PDF</a>
25.05.2015	Notification of Appointment of Power of Attorney (ORIGINAL)	<a href="#">PDF</a>
25.05.2015	Notification of Appointment of Power of Attorney (TRANSLATED)	<a href="#">PDF</a>
25.06.2015	Corrected International Publication (ORIGINAL)	<a href="#">PDF</a>
25.06.2015	Corrected International Publication (TRANSLATED)	<a href="#">PDF</a>
25.06.2015	Drawings in International Publication in a language other than Japanese (Ex Officio) (ORIGINAL)	<a href="#">PDF</a>
25.06.2015	Drawings in International Publication in a language other than Japanese (Ex Officio) (TRANSLATED)	<a href="#">PDF</a>
25.06.2015	International Preliminary Report on Patentability(I) (ORIGINAL)	<a href="#">PDF</a>
25.06.2015	International Preliminary Report on Patentability(I) (TRANSLATED)	<a href="#">PDF</a>
25.06.2015	International Publication (ORIGINAL)	<a href="#">PDF</a>
25.06.2015	International Publication (TRANSLATED)	<a href="#">PDF</a>
25.06.2015	International Search Report (ORIGINAL)	<a href="#">PDF</a>
25.06.2015	International Search Report (TRANSLATED)	<a href="#">PDF</a>
25.06.2015	Representative drawing of International Publication in a language other than Japanese (Ex Officio) (ORIGINAL)	<a href="#">PDF</a>
25.06.2015	Representative drawing of International Publication in a language other than Japanese (Ex Officio) (TRANSLATED)	<a href="#">PDF</a>
16.07.2015	Notification of Resignation of Power of Attorney (ORIGINAL)	<a href="#">PDF</a>
16.07.2015	Notification of Resignation of Power of Attorney (ORIGINAL)	<a href="#">PDF</a>

# WIPO Connect

WHAT

COLLECTIVE MANAGEMENT SOLUTION

WHY

WIPO'S MANDATE

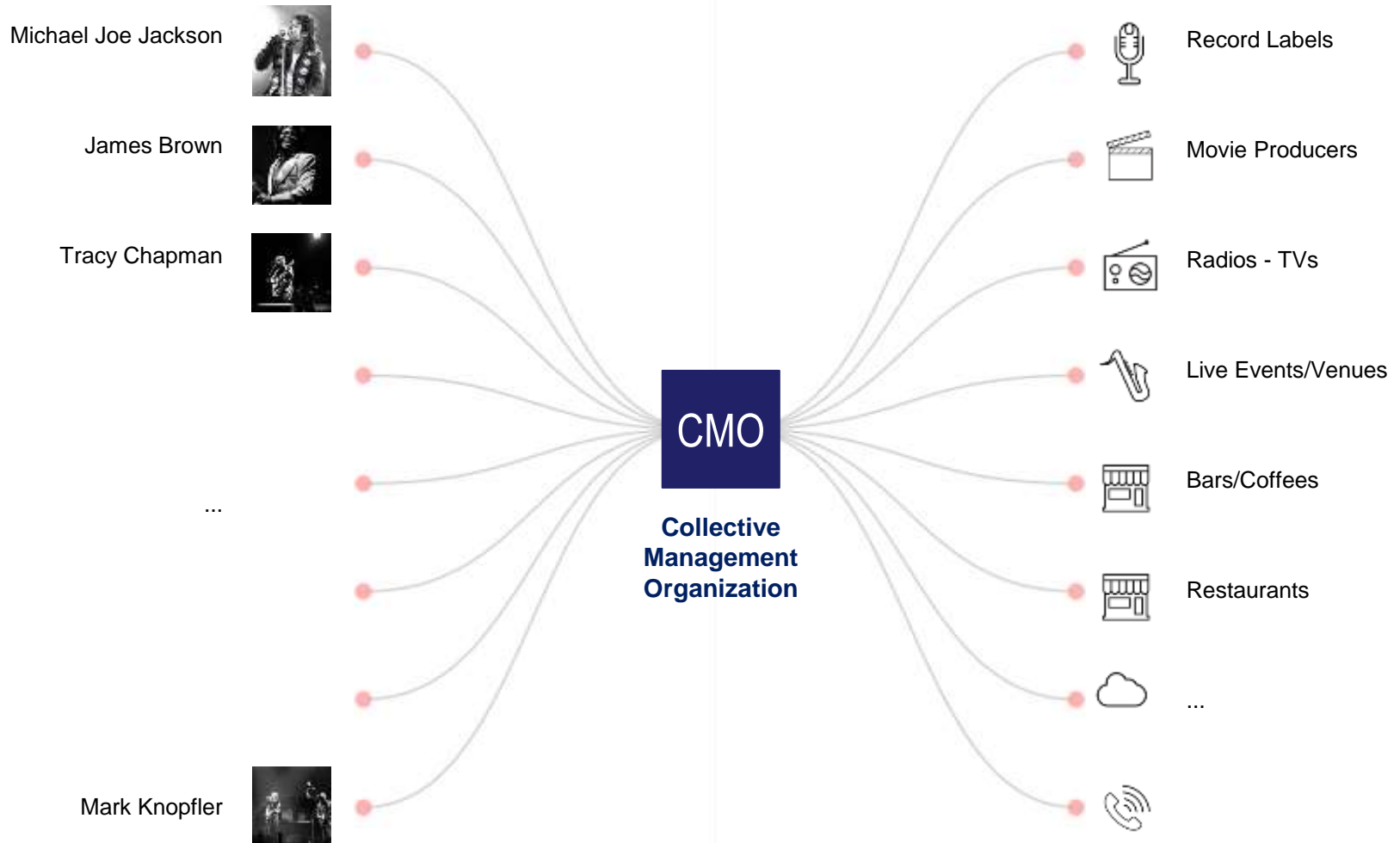
WHEN

2017 (MUSIC) 2018 (RECORDING)

WHERE

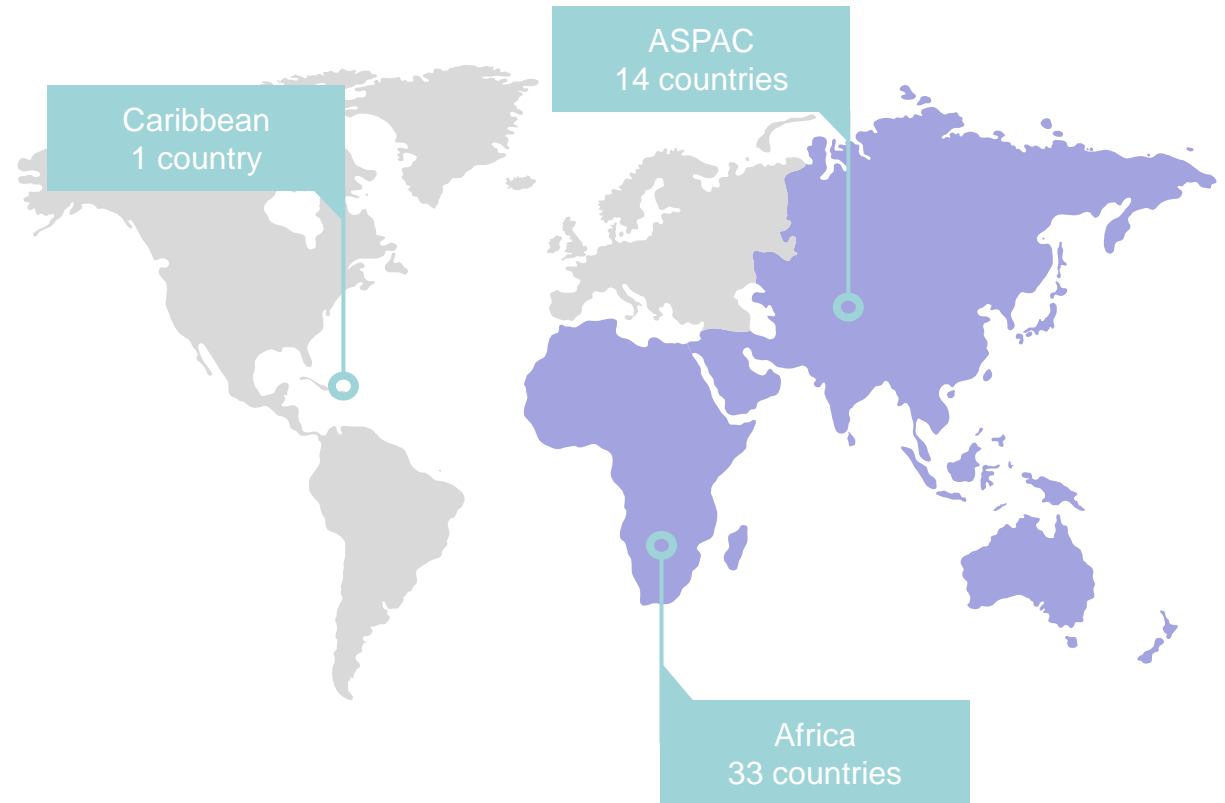
EVERYWHERE / LDCs

# Collective Management (music copyright)



# Connect Coverage

48 «LDCs»...



... and additional priorities based on industry related indicators

# Global Databases

- ATAC – Advanced Technology Applications Center
- WIPO Lex
- Global Brand Database
- Global Design Database
- PATENTSCOPE

# Global IP Databases: Access Point

## Knowledge

---

We provide the data and economic intelligence that enable strategic decisions.

### Global IP infrastructure



#### PATENTSCOPE

68,240,000 international and national patent documents

#### Global Brand Database

34,390,000 records of trademarks, appellations of origin and emblems from multiple national and international sources.

#### Global Design Database

1,520,000 industrial design registrations from the Hague System and participating national collections

#### WIPO Lex

14,100 records of national IP laws and treaties of some 200 countries.

### Market intelligence



#### Services yearly reviews

Comprehensive facts, figures and analysis.

#### World IP Report

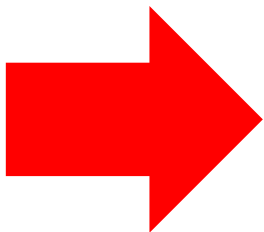
Intangible Capital in Global Value Chains.

#### WIPO IP Facts and Figures

An overview of intellectual property activity using the latest available year of complete statistics.

#### Global Innovation Index

Innovation Feeding the World.



# Use Global Databases to increase IP Intelligence for Your Business Strategy

- Find a good name for your company and product/service  
Global Brand Database
- Design your new product  
Global Design Database
- Make sure that your idea/technology is new  
PATENTSCOPE
- Check if your target markets protect your IP  
WIPO Lex

# Advanced Technology Applications Center (ATAC)

Explore the use of machine learning and other new technologies to improve current and future WIPO applications

- Machine translation

  - WIPO has been an early adopter of the new technology Neural Machine Translation

- Speech

  - Use machine learning to learn from conference records and transcript to build automatic transcription (Speech to text)

  - Similarly try to apply it to transcription of interpretation (speech to translated text)

- Image classification

  - Automatic classification of trademark images



# WIPO Lex – WIPO's IP Laws Database

- IP Treaties
- National IP laws and regulations (more than 200 nations)
- Bibliographic data and a brief note of explanation
- Full text in the original language and in English
- Machine translation available
- More than 14,000 records

## United Kingdom (286 texts)

Quick Access: [Laws \(76 texts\)](#) | [Implementing Rules/Regulations \(210 texts\)](#) | [IP Legal Literature \(5 texts\)](#) | [Treaty Membership \(101 texts\)](#)  
[Relevant links](#)



### Laws

#### Constitution / Basic Law

- An explanatory note concerning the origins of the United Kingdom intellectual property legal regime [PDF](#)

#### Main IP Laws: enacted by the Legislature

- Copyright, Designs and Patents Act 1988 (Chapter 48) (2012)
- Digital Economy Act 2010 (2010)
- Trade Descriptions Act 1968 (Chapter 29, as amended up to The Consumer Protection from Unfair Trading Regulations 2008) (2008)
- The Patents Act 1977 (Chapter 37, incorporating amendments up to Patents Regulations 2000) (2007)
- The Patents Act 2004 (An Act to amend the Patents Act 1977) (2004)
- Copyright, etc. and Trade Marks (Offences and Enforcement) Act 2002 (Chapter 25) (2002)
- The Plant Varieties and Seeds Act 1964 (Chapter 14, as amended up to the Beet Seed (Scotland) Regulations 2010) (2002)
- Plant Varieties Act 1997 (1997)
- The Broadcasting Act 1996 (Chapter 55) (1996)
- Patents and Designs Act 1907 (Chapter 29, as amended up to the Trade Marks Act 1994) (1994)
- The Broadcasting Act 1990 (Chapter 42), Section 175 and 179 and Schedule 21 (1990)
- The Registered Designs Act 1949 (as consolidated 1979) (1979)

#### IP-related Laws: enacted by the Legislature

- Enterprise and Regulatory Reform Act 2013 (2013)
- The Finance Act 2013 (2013)
- The Civil Procedure (Amendment No.8) Rules 2013 (2013)
- The Cultural Test (Television Programmes) Regulations 2013 (2013)
- The Cosmetic Products Enforcement Regulations 2013 (2013)
- Crime and Courts Act 2013 (2013)
- The Legal Deposit Libraries (Non-Print Works) Regulations 2013 (2013)
- The Civil Procedure (Amendment) Rules 2013 (2013)

## United Kingdom

### The Patents Act 2004 (An Act to amend the Patents Act 1977)

<b>Year of Version:</b>	2004
<b>Date of Text (Enacted):</b>	July 22, 2004
<b>Type of Text:</b>	Main IP Laws: enacted by the Legislature
<b>Subject Matter:</b>	Enforcement of IP and Related Laws, IP Regulatory Body, Patents (Inventions)
<b>Notes:</b>	<p>The Patents Act 2004 amends the Patents Act 1977 ('the 1977 Act'), which is the main patent law and the statute governing the patents system in the UK. The purpose of the Act is as follows:</p> <ul style="list-style-type: none"><li>- to bring the UK patents system into line with the revised European Patent Convention (EPC)</li><li>- to introduce into the 1977 Act some measures designed to assist in the enforcement of patent rights and in the resolution of patent disputes between patent proprietors and third parties -to update the 1977 Act</li></ul> <p>The Act sets out the major amendments to the 1977 Act:</p> <ul style="list-style-type: none"><li>-Schedule 1 makes further amendments relating to international obligations.</li><li>-Schedule 2 makes minor and consequential changes to the 1977 Act.</li><li>-Schedule 3 lists the repealed provisions of the 1977 Act.</li></ul> <p>The text of the Patents Act 2004 is reproduced with the express authorization from the UK Intellectual Property Office (Intellectual Property Office © Crown Copyright 2004). ... [-]</p>
<b>Available Texts:</b>	
<b>English</b>	The Patents Act 2004 (An Act to amend the Patents Act 1977) <a href="#">PDF</a>
<b>Related Legislation:</b>	<p><b>Amends</b></p> <ul style="list-style-type: none"><li>• The Patents Act 1977 (Chapter 37, incorporating amendments up to Patents Regulations 2000) (GB324)</li></ul> <p><b>Relates to</b></p> <ul style="list-style-type: none"><li>• The Patents Act 2004 (Commencement No. 4 and Transitional Provisions) Order 2007 (GB213)</li><li>• The Patents Act 2004 (Commencement No. 3 and Transitional Provisions) Order 2005 (GB215)</li><li>• The Patents Act 2004 (Commencement No. 2 and Consequential, etc. and Transitional Provisions) Order 2004 (GB216)</li></ul> <p><b>Is amended by</b></p> <ul style="list-style-type: none"><li>• The Patents Act 2004 (Commencement No. 1 and Consequential and Transitional Provisions) Order 2004 (GB217)</li></ul>
<b>WIPO Lex No.:</b>	GB136

#### Shortcuts

[United Kingdom](#)

# Global Brand Database

- Over 28 million records relating to nationally and internationally-protected trademarks
- Allows searches across multiple collections, including:
  - Trademarks registered under Madrid System and EUIPO
  - Appellations of Origin registered under Lisbon System
  - Emblems protected under the Paris Convention 6ter
  - 31 national collections, with more to come soon



The screenshot shows the WIPO Global Brand Database website. At the top, the WIPO logo and "WORLD INTELLECTUAL PROPERTY ORGANIZATION" are displayed. Below this is a navigation menu with links for "IP Services", "Policy", "Cooperation", "Resource", "About IP", and "Basic WIPO". A search bar labeled "SEARCH WIPO" is on the right. The main content area features the heading "Global Brand Database" and a paragraph: "Search the Global Brand Database before filing a trademark application, or to simply browse marks in markets of interest to you. The Global Brand Database is your gateway to more than 27,496,499 records from 35 national and international collections, and the first step in researching whether a mark similar or identical to yours already exists." Below this is a sub-heading "Image-Based Search for Trademarks" with a video player showing the "GLOBAL BRAND DATABASE" logo. A disclaimer states: "Disclaimer: Although the Global Brand Database covers a number of large trademark collections, it may be prudent to also search the registers of national/regional IP Offices. You may also consult a trademark attorney." At the bottom, there is a button labeled "Access the Global Brand Database" and a footer with "WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION".

# Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems. V: 2018-04-18 11:35

Free webinars 2018-04-04 Data from Kuwait available 2018-05-03 Over 33,000 records added Data from Sudan available 2018-04-04 Over 23,000 records added Data from Bahrain available 2018-04-04 Over 50,000 records added Data from France available 2017-05-08 Over 2,600,000 records added Data from Iceland available 2017-08-25 Over 100,000 records added Data from Thailand available 2017-07-10 Over 750,000 records added Data from Chile available 2017-07-10 Over 430,000 records added NEWS

**SEARCH BY**

Brand Names Number Status Origin Country

**Text**

**Image Class**

**Goods/Service**

**SELECT SEARCH**

**FILTER BY**

Source Image Status Origin App. Year # Expiration #

US	5,140	AU	1,218	KR	1,097	KM	434	NZ	424	FI	300	MX	264	DE	267	SG	232
PH	225	MY	214	ID	187	TH	127	JP	125	ES	118	CL	99	CH	83	DK	75
IL	62	JO	35	EG	28	EE	27	IS	20	VN	25	GB	24	MA	24	BN	24
PG	22	KW	16	BH	15	KH	13	BE	11	BX	11	NL	11	LU	11	MN	8
SO	7	LA	7	GE	6	IT	6	AE	6	DZ	4	MD	4	FI	3	IE	2
AT	2	PL	2	TR	2	RS	1	CZ	1	HR	1	PT	1	BG	1	LT	1
RU	1	QD	1														

Display: List Sort: Count - desc Filter

1 - 30 / 12,766 TMs (10)

Display: 30 per page custom

#	Brand	Source	Status	Relevance	Origin	Holder	Number	App. Date	Image Class	Nice Cl.	Image
1	NEWCASTLE BROWN ALE	JP TM	Active	25	JP	三ツ星(三ツ星)ビール株式会社	4302741	1999-02-18		25, 32, 33, 42	
2	NEWCASTLE BROWN ALE	KR TM	Active	4	KR	스콜리식 맥드 뉴캐슬 브라운리드	45199900000381	1999-02-23		42, 32, 33, 25	
3	NEWCASTLE BROWN ALE	KR TM	Pending	4	KR	주식회사 스콜리맥	401997000021593	1997-05-13			
4	NEWCASTLE BROWN ALE	WO TM	Active	4	GB	Scottish & Newcastle Limited	794238			32	
5	NEWCASTLE BROWN ALE	US TM	Pending	3	US	Scottish & Newcastle Limited	87543397	2017-07-26	US 01.01, US 24.07	32	
6	NEWCASTLE BROWN ALE	CL TM	Active	3	CL	Scottish & Newcastle Limited	1003943	2014-02-04		32	
7	NEWCASTLE BROWN ALE	CL TM	Active	3	CL	SCOTTISH & NEWCASTLE LIMITED	1030778	2012-10-23		32	
8	NEWCASTLE BROWN ALE	ID TM	Active	3	ID	Scottish & Newcastle Limited	R002012006004	2012-09-09		32	NEWCASTLE BROWN ALE
9	NEWCASTLE BROWN ALE	IL TM	Active	3	IL	Scottish & Newcastle Limited	222512	2009-07-31		32	
10	NEWCASTLE BROWN ALE	VN TM	Active	3	VN	Scottish & Newcastle plc	4203306775	2009-10-07		32	
11	NEWCASTLE BROWN ALE	IS TM	Active	3	IS	Scottish & Newcastle Limited	V0047142	2002-08-20		32	NEWCASTLE BROWN ALE
12	NEWCASTLE BROWN ALE	PH TM	Inactive	3	PH	SCOTTISH & NEWCASTLE PLD	42002005907	2002-07-18		32	NEWCASTLE BROWN ALE
13	newcastle brown ale 1499	SG TM	Active	3	SG	Scottish & Newcastle Limited	T0212080D	2002-07-10		32	
14	NEWCASTLE BROWN ALE	AU TM	Active	3	AU	Scottish & Newcastle Limited	923204	2002-07-10		32	
15	NEWCASTLE BROWN ALE	MY TM	Active	3	MY	Scottish & Newcastle Limited	02007880	2002-07-05		32	

# IMAGE SEARCH

- Sort your results by their visual similarity to an image you provide
- World's first public trademark database to provide search by image
- Choose the search strategy best suited to your particular mark

Search For

Find (in top results – without Vienna Class)



Join us for a webinar on the Global Brand Database

Over 33,000 records added

Over 23,000 records added

Over 50,000 records added

Over 2,500,000 records added

Over 100,000 records added

Over 730

SEARCH BY

Brand Names Numbers Dates Cl

Text e.g. wipo OR omp, \*ntel\*, omg

Image Class e.g. 05 07 13, apple AND tree

Goods/Services e.g. footwear, comput\*



FILTER BY

Source Image Status Origin App Year Expiration

Pick an image

Pick a strategy

Pick an image type



Shape	Verbal	0
Color	Nonverbal	0
Texture	Combined	9
Composite	Unknown	0

search

filter

CURRENT FILTER

IMAGE Composite OO GB

1 - 9 / 9

TMView

Display: 30 per page options

1 / 1

Brand	Source	Status	Relevance	Origin	Holder	Number	App. Date	Image Class	Nice Cl.	Image
EXTRA SPECIAL FULLER'S ESB Champion Ale	WO TM	Active	1	GB	Fuller Smith & Turner plc	1040006		VC.04.03, VC.24.01, VC.24.05, VC.29.01	32	
JOHN BROWN	WO TM	Inactive	1	GB	CB&I UK Limited	803818		VC.27.05, VC.29.01		
GRIFFIN BREWERY FULLER'S CHISWICK LONDON PRIDE Outstanding PREMIUM ALE	WO TM	Active	1	GB	Fuller Smith & Turner plc	1315048		VC.04.03, VC.24.01, VC.29.01		
MOLLY BROWN	WO TM	Active	1	GB	Erica Louise Illingworth	1300383		VC.03.05, VC.26.01		
JB JAMES BROWN LONDON	WO TM	Active	1	GB	JAMES BROWN HAIR CARE LIMITED	990468		VC.27.05	3, 8, 11, 21, 44	
GRIFFIN BREWERY FULLER'S CHISWICK EXTRA SPECIAL ESB Champion Ale VOTED BRITAIN'S BEST BREWED BESIDE THE THAMES SINCE 1845	WO TM	Active	1	GB	Fuller Smith & Turner plc	1313454		VC.01.15, VC.04.03, VC.05.05, VC.24.01, VC.29.01	32	





# Global Brand Database

Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems.

<b>Lao data available</b> Over 33,000 records added	2015-03-08	<b>Tonga data available</b> Over 3,000 records added	2015-02-18	<b>Japan data available</b> Over 1,700,000 records added	2015-02-12	<b>Indonesia data available</b> Over 660,000 records added	2015-01-01	<b>Brunei data available</b> Over 37,000 records added	2014-12	NEWS
--	------------	---	------------	---	------------	---	------------	---	---------	------

← back

9 / 6603058

Singapore Trademark



T1311695C

Status: Registered(since 2015.05.04)

**(210) Serial number of the application**

T1311695C

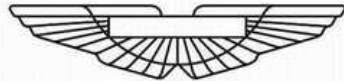
**(220) Date of filing of the application**

2013.07.22

**(181) Expected expiration date of the registration**

2023.07.22

**(540) Mark**



**(539) Description of the figurative elements of the mark using keywords or a freely formulated text**

wings

**(550) Indication relating to the nature or kind of mark**

Trade Mark

**(730) Name and address of the applicant or the holder of the registration**

Aston Martin Lagonda Limited  
Banbury Road, Gaydon, Warwick, CV35 0DB, United Kingdom

# Global Design Database

The screenshot shows the WIPO website header with the logo and navigation menu. The main content area features the title 'Global Design Database' and a descriptive paragraph: 'Via a single, intuitive interface, the Global Design Database enables free, simultaneous searches of more than industrial designs registered under the WIPO-administered Hague System and/or in participating national collections.' A prominent blue button labeled 'Access the Global Design Database' is visible. Below this, a 'News' section displays two articles: 'WIPO adds more than 1 million new documents to Global Design Database' dated August 5, 2015, and 'Global Dissemination of IP Data Initiative' dated May 12, 2015. A 'Links' sidebar contains 'Help' and 'Contact us' options.

- Launched in 2015
- Simultaneous search of more than 1.7 million industrial designs registered in 6 national collections or under the Hague System

<http://www.wipo.int/designdb>

# iWatch in the Global Design Database

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HOL:apple ✕

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10

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Reg. No	Source	Holder	Reg. Date	Locarno Cl.	National Cl.	Ind. Prod.	Designations	Designs	Image
419864	NZID	Apple Inc.	2015-05-01	10-07		Band	NZ	1	
419872	NZID	Apple Inc.	2015-05-01	13-02		Charger	NZ	1	
419862	NZID	Apple Inc.	2015-05-01	10-07		Electronic device	NZ	1	
419866	NZID	Apple Inc.	2015-05-01	10-07		Band	NZ	1	
419863	NZID	Apple Inc.	2015-05-01	10-07		Band	NZ	1	
419868	NZID	Apple Inc.	2015-05-01	10-07		Band	NZ	1	

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## Global Design Database

A world-wide collection of industrial designs data; including WIPO Hague registrations and information from participating national offices.

back (Information valid as of 2016-10-27)

3 / 2095

### New Zealand Industrial Design

419862 - Electronic device  
Status: Registered (2015-05-01)

(11) International Registration Number  
419862

Filing Date of the Application  
2015-02-10

(15) Date of the international registration  
2015-05-01

(18) Expected expiration date of the registration/renewal  
2019-05-11


(54) Indication of products  
Electronic device

Statement of Novelty  
The design is to be applied to an electronic device and the novelty of the design resides in the features of shape and/or configuration of the electronic device as shown in the accompanying representations. The oblique shade lines in the Figures show a transparent, reflective or shiny surface, and not surface ornamentation.

(51) Class and subclass of the Locarno Classification  
10.07.021

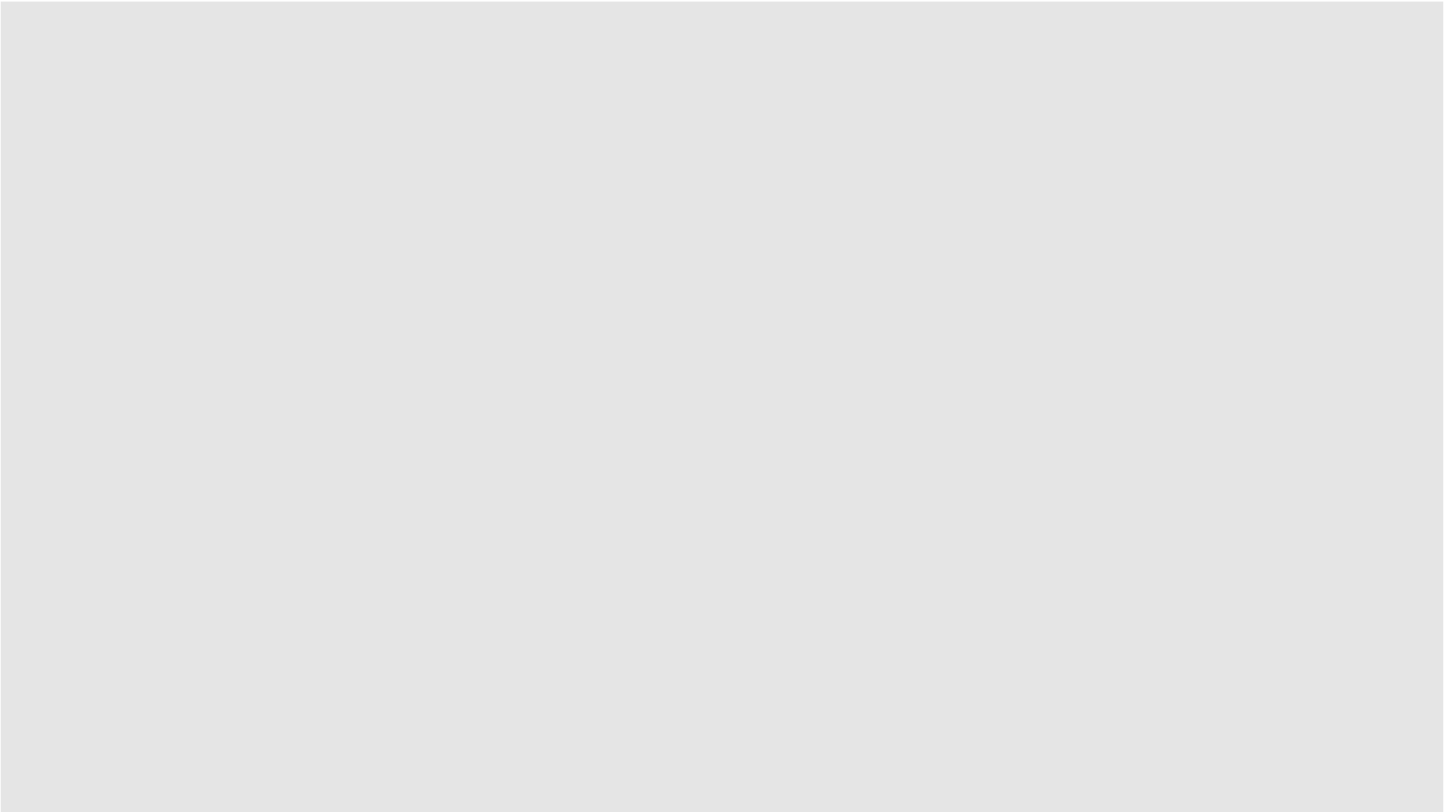
(73) Name and address of the holder(s)  
Apple Inc.  
Physical Address: 1 Infinite Loop  
Cupertino, California 95014 (US)  
Postal Address: 1 Infinite Loop  
Cupertino, California 95014 (US)

(70) Identification of parties concerned with the application or registration  
Address for service: Suite 25  
178 Parnham Street, Parnell, Auckland 1052



# PATENTSCOPE

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- 68 million patent applications Full text data from 20 countries or regions
- 15,000 page views per hour
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# Cross Lingual Search

The image shows a screenshot of the WIPO PATENTSCOPE website. At the top left is the WIPO logo. To its right is the text 'PATENTSCOPE' and a list of languages: Mobile | Deutsch | Español | Français | 日本語 | 한국어 | Português | Русский | 中文 | العربية |. Below this is the text 'Search International and National Patent Collections'. A navigation bar contains the following items: Search, Browse, Translate, Options, News, Login, Help. The 'Search' menu is open, showing four options: Simple, Advanced Search, Field Combination, and Cross Lingual Expansion. A red box highlights the 'Cross Lingual Expansion' option, and a red arrow points to it from the left. Below the navigation bar, there is a search area with a dropdown menu set to 'Front Page', a search input field, and a 'Search' button. Below the search area, there are two informational boxes: one for 'New Chemical Structure Search functionality' and another for 'PCT Publication 06/2017 (2017/02/09) is now available. The next publication date is scheduled as follows: Gazette number 07/2017 (2017/02/16). More'.

Input search terms

Query

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electric car

- » Query Language: English
  - » Expansion Mode: English
  - » Precision:  Recall
- Submit Query

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Electric car  
only 16,000 hits

Search Query  
(synonyms & technologically related terms)

Results 1-10 of 153,538 for Criteria: (EN\_TI:("electric car" OR "electric vehicle" OR "electrical motor" OR "hybrid car" OR "electric vehicular"~21 OR "electric automobile"~21) OR EN\_AB:("electric car" OR "electric vehicle" OR "electrical motor" OR "hybrid car" OR "electric vehicular"~21 OR "electric automobile"~21)) OR (DE\_TI:("Elektrofahrzeug" OR "Elektroauto" OR "Elektromotors" OR "Elektroautos" OR "Hybridfahrzeug" OR "Hybridautomobil" OR "elektrisches Fahrzeug") OR DE\_AB: ("Elektrofahrzeug" OR "Elektroauto" OR "Elektromotors" OR "Elektroautos" OR "Hybridfahrzeug" OR "Hybridautomobil" OR "elektrisches Fahrzeug")) OR (ES\_TI:("vehículo eléctrico" OR "motor eléctrico" OR "vagón eléctrico" OR "coche eléctrico" OR "carro eléctrico" OR "automóvil eléctrico" OR "vehículo híbrido") OR ES\_AB:("vehículo eléctrico" OR "motor eléctrico" OR "vagón eléctrico" OR "coche eléctrico" OR "carro eléctrico" OR "automóvil eléctrico" OR "vehículo híbrido")) OR (FR\_TI: ("véhicule électrique" OR "voiture électrique" OR "auto électrique" OR "moteur électrique" OR "véhicule hybride" OR "voiture hybride") OR FR\_AB:("véhicule électrique" OR "voiture électrique" OR "auto électrique" OR "moteur électrique" OR "véhicule hybride" OR "voiture hybride")) OR (JA\_TI:("電動車両" OR "電気自動車" OR "ハイブリッド自動車" OR "ハイブリッドカ" OR "電気車" OR "ハイブリッド車" OR "ハイブリッドカー") OR JA\_AB:("電動車両" OR "電気自動車" OR "ハイブリッド自動車" OR "ハイブリッドカ" OR "電気車" OR "ハイブリッド車" OR "ハイブリッドカー")) OR (KO\_TI:("전기자동차" OR "전기 차량" OR "전동 차량" OR "전기차" OR "차량의제어" OR "하이브리드 자동차와아이" OR "전기 모터 제어" OR "전기 모터" OR "하이브리드 자동차용") OR KO\_AB:("전기자동차" OR "전기 차량" OR "전동 차량" OR "전기차" OR "차량의제어" OR "하이브리드 자동차와아이" OR "전기 모터 제어" OR "전기 모터" OR "하이브리드 자동차용")) OR (PT\_TI:("veículo elétrico" OR "veículo eléctrico" OR "automóvel eléctrico" OR "veículo elétrico" OR "motor eléctrico") OR PT\_AB:("veículo elétrico" OR "veículo eléctrico" OR "automóvel eléctrico" OR "veículo elétrico" OR "motor eléctrico")) OR (RU\_TI:("электрической автомобиля"~22 OR "электрической транспортных средств"~22 OR "электрической средства"~22 OR "электрической вагона"~22 OR "электроподвижного автомобиля"~22 OR "электроподвижного транспортных средств"~22 OR "электроподвижного средства"~22 OR "электроподвижного вагона"~22 OR "электротранспорта") OR RU\_AB:("электрической автомобиля"~22 OR "электрической транспортных средств"~22 OR "электрической средства"~22 OR "электрической вагона"~22 OR "электроподвижного автомобиля"~22 OR "электроподвижного транспортных средств"~22 OR "электроподвижного средства"~22 OR "электроподвижного вагона"~22 OR "электротранспорта")) OR (ZH\_TI:("电车" OR "电动车辆" OR "电动汽车" OR "电动机动" OR "用于电动机动" OR "混合动力汽车" OR "混合动力车发电") OR ZH\_AB:("电车" OR "电动车辆" OR "电动汽车" OR "电动机动" OR "用于电动机动" OR "混合动力汽车" OR "混合动力车发电")) Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page:1 / 15354 Go >

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Analysis


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No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor
1.	WO	WO/2012/167518 - SOLAR HYBRID VEHICLE	13.12.2012	B60K 6/28	PCT/CN2011/079446	ZHU, Shuyi	ZHU, Shuyi



A solar hybrid vehicle comprises a vehicle body, a vehicle energy configuration system, and a braking energy recycling device (11). The vehicle body collects solar energy with a solar energy collection system, the collected solar energy is stored in the vehicle energy configuration system, and the braking energy recycling device is connected to a storage battery pack (6). A power is disposed between the vehicle energy configuration system and the storage battery pack. The vehicle


**1. (WO2012167518) SOLAR HYBRID VEHICLE**
[PCT Biblio. Data](#) | [Description](#) | [Claims](#) | [National Phase](#) | [Notices](#) | [Drawings](#) | [Documents](#)
**Latest bibliographic data on file with the International Bureau**
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**Pub. No.:** WO/2012/167518      **International Application No.:** PCT/CN2011/079446  
**Publication Date:** 13.12.2012      **International Filing Date:** 07.09.2011  
**IPC:** *B60K 6/28* (2007.10), *B60L 8/00* (2006.01)   
**Applicants:** ZHU, Shuyi [CN/CN]; (CN)  
**Inventors:** ZHU, Shuyi; (CN)  
**Agent:** BEIJING GENIUS ESSEN INTELLECTUAL PROPERTY OFFICE; Room 806 ~ 809 Taifeng Huizhong Mansion No.120 Zhushikou W. St., Xicheng District Beijing 100050 (CN)

**Priority Data:** 201110151619.9 08.06.2011 CN

**Title**  
 (EN) SOLAR HYBRID VEHICLE  
 (FR) VÉHICULE HYBRIDE SOLAIRE  
 (ZH) 太阳能混合动力汽车

**Abstract:** (EN) A solar hybrid vehicle comprises a vehicle body, a vehicle energy configuration system, and a braking energy recycling device (11). The vehicle body collects solar energy with a solar energy collection system, the collected solar energy is stored in the vehicle energy configuration system, and the braking energy recycling device is connected to a storage battery pack (6). A sensor is disposed between the vehicle energy configuration system and the storage battery pack. The vehicle energy configuration system is connected to an on-board automatic control system, an external charging interface (15) and an electric motor (7). The present invention combines multiple technical solutions, reduces energy consumption, increases the utilization of solar energy, and is more aesthetic and user-friendly.

(FR) La présente invention concerne un véhicule hybride solaire comportant une carrosserie de véhicule, un système de configuration d'énergie de véhicule, et un dispositif de recyclage d'énergie au freinage (11). La carrosserie de véhicule collecte de l'énergie solaire grâce à un système de collecte d'énergie solaire, l'énergie collectée est stockée dans le système de configuration d'énergie de véhicule et le dispositif de recyclage d'énergie au freinage est connecté à un bloc d'éléments d'accumulateur (6). Un capteur est disposé entre le système de configuration d'énergie de véhicule et le bloc d'éléments d'accumulateur. Le système de configuration d'énergie de véhicule est connecté à un système de commande automatique embarqué, à une interface de charge externe (15) et à un moteur électrique (7). La présente invention est une combinaison de plusieurs solutions techniques, réduit la consommation d'énergie, accroît l'utilisation de l'énergie solaire, et est plus esthétique et conviviale.

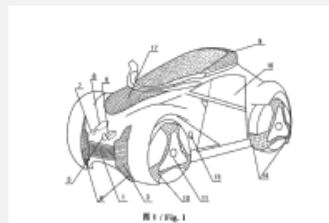


图 1 / Fig. 1

(ZH) 一种太阳能混合动力汽车，包含汽车本体、车体能量配置系统、制动能量回收装置（11）；汽车本体通过太阳能采集系统收集太阳能，收集的太阳能存储在车体能量配置系统中，制动能量回收装置与蓄

Machine translation

1. (WO2012167518) SOLAR

PCT Biblio. Data | Description | Claims | National Phase | Notices | Drawings | D

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太阳能混合动力汽车

技术领域

本发明涉及一种太阳能混合动力汽车，属于新能源汽车技术领域。

背景技术

随着国民经济的快速发展，越来越多的家庭已经或即将拥有汽车。但是，国际原油价格一路攀升为我们敲响了能源紧缺的警钟。汽车在新能源汽车上取得实质性的技术突破。

目前，国内外众多科研机构、公司都在致力于新能源汽车的研究。其中，混合动力汽车是现有新能源汽车中最接近成熟的产品。混合动力汽车的性能可以超过传统的燃油汽车，但其电池蓄电量成为影响其发展的瓶颈，所以还不能完全取代燃油汽车。

在太阳能汽车的开发研究上，人们已经取得了较大的进展。近年来对太阳能收集转化技术的研究，也有效提高了太阳能的吸收利用率。太阳能汽车的车体玻璃对太阳能的有效吸收利用情况在很大程度上影响了汽车的整体性能。为此，人们在太阳能汽车上尝试使用可烘烤低辐射镀膜玻璃和太阳能薄膜电池来提高太阳能的吸收效率，并取得了一定的效果。

因此，借助技术的更新可以为市场提供更好的节能环保型太阳能混合动力汽车。

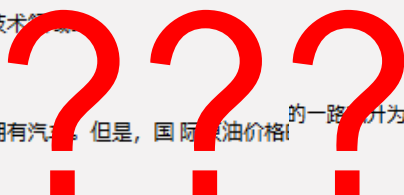
发明内容

本发明所要解决的技术问题在于克服现有技术的不足，提供一种太阳能混合动力汽车。

为实现上述的发明目的，本发明采用下述的技术方案：

一种太阳能混合动力汽车，包括汽车本体、太阳能采集系统、车体能量配置系统、车载自动控制系统和制动能量回收装置；

所述汽车本体通过所述太阳能采集系统收集太阳能；收集的太阳能储存在车体能量配置系统中，所述制动能量回收装置与蓄电池组连接；所述车体能量配置系统与所述蓄电池组之间设有传感器，所述车体能量配置系统分别与所述车载自动控制系统、外接充电接口和电动机相连；



Wipo Translate zhen ...

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1. (WO2012167518) SOLAR HYBRID VEHICLE

PCT Biblio. Data Description Claims National Phase Notices Drawings Documents

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Solar hybrid electric vehicle

Field of the technical field of the technical field

The invention relates to a solar hybrid electric vehicle, and belongs to the technical field of new energy automobiles

Description of related art

Along with the rapid development of national economy, more and more families have already or about all automobiles are going to own. However, one way of international crude oil price rises to be a warning clock which can knock the shortage of energy.. The popularization requirements of automobiles in china home meet the substantive technical breakthrough on new energy automobiles

At present, various scientific research institutions and companies at home and abroad are directed to research and development of new energy automobiles. The hybrid electric vehicle is the most approximate mature product in the existing new energy automobile. The performance of the hybrid electric vehicle can exceed the performance of a traditional fuel automobile fuel automobile, but the electric quantity of the battery becomes a bottleneck affecting the development of the battery, so that the fuel automobile cannot be completely replaced.

In the development and research of solar automobiles, people have taken a large progress. In recent years, the solar energy collection conversion technology is studied, and the solar energy absorption utilization rate is effectively improved, and the solar energy absorption utilization rate is effectively improved. The effective absorption and utilization conditions of the vehicle body glass of the solar automobile on the solar energy affect the overall performance of the automobile to a great extent, and the overall performance of the automobile is influenced to a great extent. To this end, people attempt to use a bendable low-emissivity coated glass frit — a glass film on a solar automobile and.... Solar thin-film battery is used for improving solar energy absorption efficiency, in addition, a certain effect is achieved.

Therefore, better energy-saving and environment-friendly solar hybrid electric vehicles can be provided for the market by means of technology updating.

SUMMARY OF THE INVENTION

The invention aims to overcome the defects in the prior art, and provides a solar hybrid electric vehicle

In order to achieve the aim of the invention, the invention adopts the following technical scheme:

The solar hybrid power automobile comprises an automobile body, a solar energy collecting system, a solar energy collecting system, a solar energy collecting system, a solar energy collecting system, a solar energy collecting system, a solar energy collecting system, a solar, a vehicle body energy configuration system,

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You can cut and paste titles/abstracts from any patent application.

Source text:

Polymers which can be used in p-type materials for organic electronic devices and photovoltaic cells. Compounds, monomers, dimers, trimers, and polymers comprising formula (I) and/or formula (VIII) are prepared

Language pair:

...

Domain:

...

- English->French
- French->English
- English->German
- German->English
- Japanese->English
- English->Japanese
- English->Chinese
- Chinese->English
- English->Korean (Beta)
- Korean->English (Beta)
- Russian->English
- English->Russian
- English->Spanish (Beta)
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Source text: Polymers which can be used in p-type materials for organic electronic devices and photovoltaic cells. Compounds, monomers, dimers, trimers, and polymers comprising formula (I) and/or formula (VIII) are prepared

Language pair: ...

Domain: [automatic detection] [automatic detection] ADMN-Admin, Business, Management & Soc Sci AERO-Aeronautics & Aerospace Engineering AGRI-Agriculture, Fisheries & Forestry AUDV-Audio, Audiovisual, Image & Video Tech AUTO-Automotive & Road Vehicle Engineering BLDG-Civil Engineering & Building Construction CHEM-Chemical & Materials Technology DATA-Computer Sci, Telecom & Broadcasting ELEC-Electrical Engineering & Electronics ENGY-Energy, Fuels & Heat Transfer Eng ENVR-Environmental & Safety Engineering FOOD-Foods & Food Technology GENR-Generalities, Language, Media & Info Sci HOME-Home Contents & Household Maintenance HORO-Precision Mechanics, Jewelry & Horology MANU-Manufacturing & Materials Handling Tech MARI-Marine Engineering MEAS-Standards, Units, Metrology & Testing MECH-Mechanical Engineering

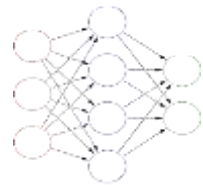
Translate

# Neural Machine Translation

- NMT replaces SMT
- Pilot system put in production in October 2016 on PATENTSCOPE for the ZH↔EN language pairs
- Sixteen language pairs now in operation
- NMT: better translation quality, better fluency, especially for “distant” language pairs



# Why is NMT different? (Phrase-based vs Neural-net)



发明公布了一种通过在不同位置摆放现实物体来演奏音乐的娱乐装置



PBSMT (previous WIPO translate)

invention discloses	a by	placing a real object	at a	different location	to	play a music	entertainment device
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发明公布

invention discloses

不同位置

different location

placing real object

演奏音乐

play music

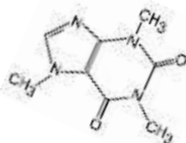
entertainment device

NMT (new WIPO translate)

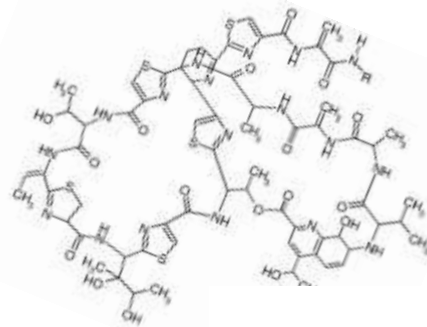
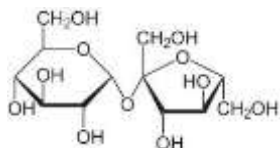
the	invention discloses	an	entertainment device	for	playing music	by	placing real objects	at	different position
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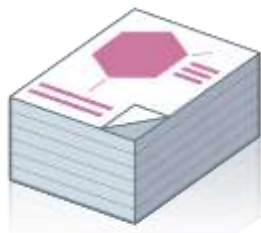
# Chemical Compound Search

Principle:



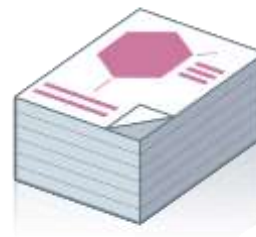
- Standardize all the different representations of chemical structures into Inchikeys
- Recognize chemical compounds in patent texts and from embedded drawings included in patent texts
- Implement search functions for Inchikeys that can be used by non chemists





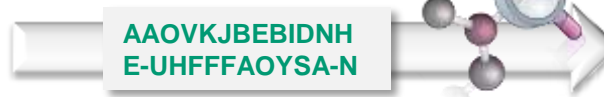
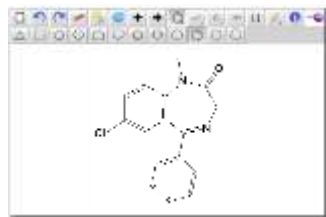
### PATENTSCOPE Documents

(...) At the moment the surgical procedure starts, benzodiazepin, e.g. diazepam, is administered in a dose of no more than 5 mg. (...)



### Enriched PATENTSCOPE Documents

(...) At the moment the surgical procedure starts, benzodiazepin, e.g. @AAOVKJBEBIDNHE-UHFFFAOYSA-N@, is administered in a dose of no more than 5 mg. (...)



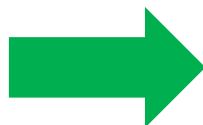
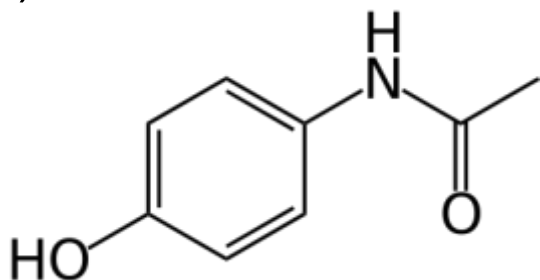
# Example: Panadol®



(1) IUPAC name

N-(4-hydroxyphenyl)acetamide

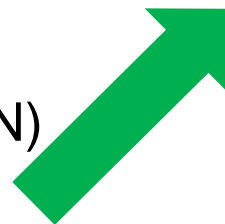
(2) Skeletal formula



InchiKey  
RZVAJINKPMORJF-UHFFFAOYSA-N

(3) International Non proprietary Name (INN)

Paracetamol



(4) Trademark, generic name, other names

Panadol, Tylenol, Acetaminophen, etc.



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Chemical compounds

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- Exact compounds can be searched – no Markush structures

# Example: Panadol (Paracetamol)



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**Analysis**

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Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. WO/2017/012647		<b>NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS</b>		WO	26.01.2017
C07D 471/04	PCT/EP2015/066520	GALAPAGOS NV		MENET, Christel, Jeanne, Marie	
The present invention discloses compounds according to Formula (I), wherein R1, R3, R4, R5, L1, and Cy are as defined herein. The present invention also provides compounds, methods for the production of said compounds of the invention, pharmaceutical compositions comprising the same and their use in allergic or inflammatory conditions, autoimmune diseases, proliferative diseases, transplantation rejection, diseases involving impairment of cartilage turnover, congenital cartilage malformations, and/or diseases associated with hypersecretion of IL6 and/or interferons. The present invention also methods for the prevention and/or treatment of the aforementioned diseases by administering a compound of the invention.					
2. WO/2017/012901		<b>IMPLANT WITH AN BIOACTIVE COATING AND METHOD FOR PROVIDING THE SAME</b>		WO	26.01.2017
A61L 27/54	PCT/EP2016/066425	BIOMET DEUTSCHLAND GMBH		CARTIER, Régis	
The present invention relates to an implant having a surface comprising a coating on at least a portion of the surface of the implant, wherein the coating comprises at least two coating layers of bioactive compounds adjacent to each other, obtainable in a process comprising the following steps: providing an implant with a surface, providing a first suspension comprising at least one first bioactive compound in a first solvent, wherein the first bioactive compound is non-soluble or partially soluble in the first solvent, applying said first suspension comprising the at least one first bioactive compound onto at least a part of the implant surface forming a first coating layer; drying the first coating layer, providing a second solution comprising at least one second bioactive compound in a second solvent, wherein the second bioactive compound is soluble or readily soluble in the second solvent; applying said second solution comprising the at least one second bioactive compound onto the first coating layer forming a second coating layer, and drying the second coating layer.					
3. WO/2017/013183		<b>COMPOSITIONS FOR PROTECTING SKIN COMPRISING DNA REPAIR ENZYMES AND PHYCOBILIPROTEIN</b>		WO	26.01.2017
A61K 8/66	PCT/EP2016/067328	GREENALTECH, S.L		RUIZ CANOVAS, Eugenia	
The invention relates to compositions for repairing the adverse effects of the environment daily stress, sun exposure or premature-aging on human skin which comprise a DNA repair enzyme and a phycobiliprotein.					
4. WO/2017/013228		<b>HAND-HELD TEST METER WITH FLUID INGRESS DETECTION CIRCUIT</b>		WO	26.01.2017
G01N 27/27	PCT/EP2016/067460	LIFESCAN SCOTLAND LIMITED		HAMER, Malcolm D	

[Machine translation](#)
**1. (WO2017012647) NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS**
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**Pub. No.:** WO/2017/012647      **International Application No.:** PCT/EP2015/066520  
**Publication Date:** 26.01.2017      **International Filing Date:** 20.07.2015  
**IPC:** C07D 471/04 (2006.01), A61K 31/437 (2006.01), A61P 29/00 (2006.01), A61P 37/08 (2006.01), A61P 35/00 (2006.01)

**Applicants:** GALAPAGOS NV [BE/BE]; Generaal De Wittelaan L11/A3 B-2800 Mechelen (BE)  
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 MAMMOLITI, Oscar; (BE).  
 QUINTON, Evelyne; (BE).  
 JOANNESSE, Caroline, Martine, Andrée-Marie; (BE).  
 DE BLIECK, Ann; (BE).  
 BLANC, Javier; (ES)  
**Agent:** BAR, Grégory, Louis, Joseph; (BE)

**Priority Data:**  
**Title**

**(EN)** NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS  
**(FR)** NOUVEAUX COMPOSÉS ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES

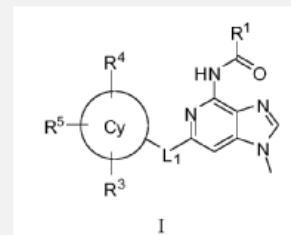
**Abstract:**

**(EN)**The present invention discloses compounds according to Formula (I), wherein R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, L<sub>1</sub>, and Cy are as defined herein. The present invention also provides compounds, methods for the production of said compounds of the invention, pharmaceutical compositions comprising the same and their use in allergic or inflammatory conditions, autoimmune diseases, proliferative diseases, transplantation rejection, diseases involving impairment of cartilage turnover, congenital cartilage malformations, and/or diseases associated with hypersecretion of IL6 and/or interferons. The present invention also methods for the prevention and/or treatment of the aforementioned diseases by administering a compound of the invention.

**(FR)**La présente invention concerne des composés de formule (I), dans laquelle R<sup>1</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, L<sub>1</sub>, et Cy sont tels que définis dans la description. La présente invention concerne également des composés, des procédés de production desdits composés, des compositions pharmaceutiques les comprenant et leur utilisation dans des troubles allergiques ou inflammatoires, des maladies auto-immunes, des maladies prolifératives, des rejets de transplantation, des maladies impliquant un trouble du renouvellement du cartilage, des malformations congénitales du cartilage, et/ou des maladies associées à une hypersécrétion de l'IL-6 et/ou des interférons. La présente invention concerne également des méthodes de prévention et/ou de traitement de ces maladies consistant à administrer un composé de l'invention.

**Designated States:**

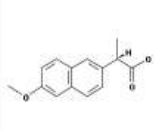
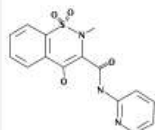
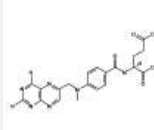
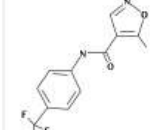
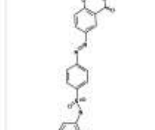
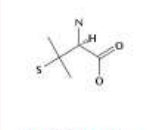
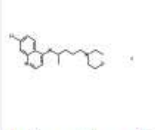
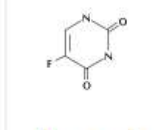

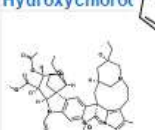
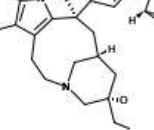
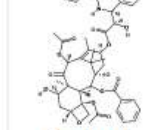


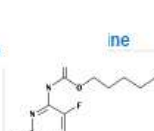
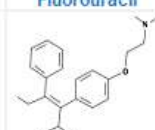




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 African Regional Intellectual Property Organization (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW)



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1. (WO2017012647) NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS

PCT Biblio. Data Description Claims National Phase Notices **Compounds** Drawings Documents

Title	Abstract	Description	Claims
 <b>Naproxen</b>	 <b>Piroxicam</b>	 <b>Methotrexate</b>	 <b>Leflunomide</b>
 <b>Sulfasalazine</b>	 <b>Penicillamine</b>	 <b>Hydroxychloroquine</b>	 <b>Fluorouracil</b>
 <b>Docetaxel</b>	 <b>Vincristine</b>	 <b>Vinblastine</b>	 <b>Paclitaxel</b>
 <b>Anastrozole</b>	 <b>Goserelin</b>	 <b>Capecitabine</b>	 <b>Tamoxifen</b>
 <b>Erlotinib</b>	 <b>Erlotinib</b>	 <b>Erlotinib</b>	 <b>Erlotinib</b>

Navigation: <<<< << < 1 2 3 4 5 6 7 8 9 10 >> >>>>

to reduce or prevent, cartilage degradation in the joints of said patient, the self-perpetuating processes responsible for said degradation. In a particular embodiment said compound may exhibit cartilage anabolic and/or anti-catabolic properties.

[0208] Injection dose levels range from about 0.1 mg/kg/h to at least 10 mg/kg/h, all for from about 1 to about 120 h and especially 24 to 96 h. A preloading bolus of from about 0.1 mg/kg to about 10 mg/kg or more may also be administered to reach steady state levels. The maximum total dose is not expected to exceed about 2 g/day for a 40 to 80 kg human patient.

[0209] For the prophylaxis and/or treatment of long-term conditions, several months or years so oral dosing is preferred for patient convenience and several doses per day are representative regimens. Using these dosing patterns with particular doses each providing from about 0.1 to about 10 mg/kg

[0210] Transdermal doses are generally selected to provide similar clinical effects achieved using injection doses.

[0211] When used to prevent the onset of a condition, a compound of the invention may be administered on the advice and under the supervision of a physician, at the dosage and frequency include those that have a family history of the condition, or those who are at risk of developing the condition.

[0212] A compound of the invention can be administered as the sole agent or in combination with other compounds that demonstrate

the same or a similar therapeutic activity and that are determined to be suitable for administration of two (or more) agents allows for significantly lower doses of each agent.

[0213] In one embodiment, a compound of the invention or a pharmaceutical composition thereof is administered as a medicament. In a specific embodiment, said pharmaceutical composition

[0214] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of a disease involving inflammation; particular agents include, but are not limited to (e.g. [dexamethasone](#)), cyclophosphamide, cyclosporin A, tacrolimus, Mycophenolate mofetil, [acetaminophen](#), ibuprofen, naproxen, and piroxicam.

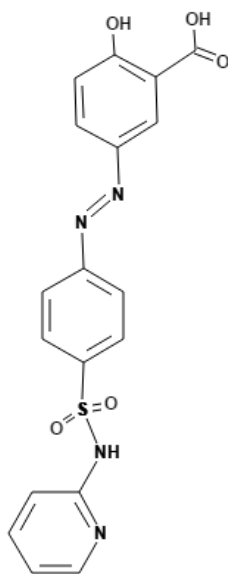
[0215] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of arthritis (e.g. rheumatoid arthritis); particular agents include but are not limited to a list of agents including, but not limited to, for example but without limitation methotrexate, leflunomide, sulfasalazine, azathioprine, and cyclosporin, and biological DMARDs (for example

[0216] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of proliferative disorders; particular agents include but are not limited to: methotrexate, leukovorin, adriamycin, prednisone, bleomycin, cyclophosphamide, 5-fluorouracil, paclitaxel, docetaxel, vincristine, vinblastine, vinorelbine, doxorubicin, tamoxifen, toremifene, megestrol acetate, anastrozole, goserelin, anti-HER<sup>2</sup> monoclonal antibody (e.g. Herceptin™), capecitabine, raloxifene hydrochloride, EGFR inhibitors (e.g. Iressa®, Tarceva™, Erbitux™), VEGF inhibitors (e.g. Avastin™), proteasome inhibitors (e.g. Velcade™), Glivec® and hsp90 inhibitors (e.g. 17-AAG). Additionally, a compound of the invention may be administered in combination with other therapies including, but not limited to, radiotherapy or surgery. In a specific embodiment the proliferative disorder is selected from cancer, myeloproliferative disease and leukaemia.

[0217] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of autoimmune diseases, particular agents include but are not limited to: glucocorticoids, cytostatic agents (e.g. purine analogs), alkylating agents, (e.g. nitrogen mustards (cyclophosphamide), nitrosoureas, platinum compounds, and others), antimetabolites (e.g. methotrexate, azathioprine and mercaptopurine), cytotoxic antibiotics (e.g. dactinomycin anthracyclines, mitomycin C, bleomycin, and mithramycin), antibodies (e.g. anti-CD20, anti-CD25 or anti-CD3 (OTK3) monoclonal antibodies, Atgam® and Thymoglobuline®), cyclosporin, tacrolimus, rapamycin (sirolimus), interferons (e.g. IFN-β), TNF binding proteins (e.g. infliximab (Remicade™), etanercept (Enbrel™), or adalimumab (Humira™)), mycophenolate, Fingolimod and Myriocin.

[0218] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of transplantation rejection, particular agents include but are not limited to: calcineurin inhibitors (e.g. cyclosporin or tacrolimus (FK506)), mTOR inhibitors (e.g. sirolimus, everolimus), anti-proliferatives (e.g. azathioprine, mycophenolic acid), corticosteroids (e.g. prednisolone, hydrocortisone), Antibodies (e.g. monoclonal anti-IL-2Ra receptor antibodies, basiliximab, daclizumab), polyclonal anti-T-cell antibodies (e.g. anti-thymocyte globulin (ATG), anti-lymphocyte globulin (ALG)).

[0219] In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of asthma and/or rhinitis and/or COPD, particular agents include but are not limited to: beta2-adrenoceptor agonists (e.g. salbutamol, levalbuterol, terbutaline and bitolterol), epinephrine (inhaled or tablets), anticholinergics (e.g. ipratropium bromide), glucocorticoids (oral or inhaled) Long-acting p2-agonists (e.g. salmeterol, formoterol, bambuterol, and sustained-release oral albuterol), combinations of inhaled steroids and long-acting bronchodilators (e.g. fluticasone/salmeterol,



Sulfasalazine

, the regimen for treatment usually stretches over many months or years so oral dosing is preferred for patient convenience and several doses per day are representative regimens. Using these dosing patterns with particular doses each providing from about 0.1 to about 10 mg/kg

achieved using injection doses.

administered to a patient at risk for developing the condition, typically including those who are at risk for developing a particular condition generally including those who are at risk of developing the condition; testing or screening to be particularly susceptible to

administered in combination with other therapeutic agents, including

combined administration. In a specific embodiment, co-administration allows for significantly lower doses of each agent, thereby reducing the side effects seen.

In one embodiment, a compound of the invention is administered as a medicament or in combination with other active ingredient.

In one embodiment, a compound of the invention is administered as a medicament for the treatment and/or prophylaxis of a disease involving inflammation; particular agents include, but are not limited to (e.g. [azathioprine](#), corticosteroids (e.g. [prednisolone](#) or [hydrocortisone](#)), cyclophosphamide, cyclosporin A, tacrolimus, Mycophenolate mofetil, [acetaminophen](#), [ibuprofen](#), [naproxen](#), and [piroxicam](#)).

In one embodiment, a compound of the invention is co-administered with another therapeutic agent for the treatment and/or prophylaxis of arthritis (e.g. rheumatoid arthritis); particular agents include but are not limited to a list of agents including, but not limited to, for example but without limitation methotrexate, leflunomide, sulfasalazine, azathioprine, and cyclosporin, and biological DMARDs (for example

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- [Chemical structure search](#) (July 17 or 19)

#### System requirements

- PC: Windows® 6, 7, Vista, XP or 2003 Server
- Mac®: Mac OS® X 10.6 or newer
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### Past events

Title	Description	Date
<a href="#">Translation tools in PATENTSCOPE</a> <a href="#">[PDF]</a>	Demonstration of the different translation tools available in PATENTSCOPE	March 2016
<a href="#">Complex queries in PATENTSCOPE</a> <a href="#">[PDF]</a>	Learn how to build complex queries in PATENTSCOPE	February 2016
<a href="#">Chemical structure search</a> <a href="#">[PDF]</a>	How to use the chemical search feature in PATENTSCOPE	January 2016
<a href="#">Retrospective 2017 &amp; Future plans</a> <a href="#">[PDF]</a>	Retrospective of what was implemented in the system in 2017 and some insight about future plans	December 2017

# Multi-stakeholder Platforms

## WIPO GREEN



The screenshot shows the homepage of the WIPO GREEN website. The URL is <https://www3.wipo.int/wipogreen/en/>. The page features a green header with the WIPO GREEN logo and navigation links: Home, Database, Network, About Us, and Join Us. A search bar is located in the top right corner. The main content area is titled "WIPO GREEN – The Marketplace for Sustainable Technology" and includes a brief description of the platform. Below the description, there are three columns: "Database" (describing the search for green technology products), "Network" (describing the network for connecting green technology providers and seekers), and "Join us" (describing the process of joining the WIPO GREEN Partner or User to take full advantage of the range of services and collaboration opportunities). A central image shows two colorful pinwheels.

## WIPO Re:Search



The screenshot shows the homepage of the WIPO Re:Search website. The URL is <https://www.wipo.int/research/en/>. The page features a green header with the WIPO Re:Search logo and navigation links: Home, Database, Collaborations, Supporting Services, and About Us. A search bar is located in the top right corner. The main content area is titled "WIPO Re:Search" and includes a brief description of the platform. Below the description, there are two columns: "Why WIPO Re:Search?" (describing the mission and goals of the platform) and "What are the benefits of WIPO Re:Search?" (describing the benefits for researchers and stakeholders). A central image shows a laboratory setting with researchers working at a table.

# WIPO Green



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- The marketplace for sustainable technology: search functionality for technology providers and seekers
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- Grouped in 9 technology areas

# WIPO Green example: Energy

The screenshot shows the WIPO Green website interface. At the top, there is a green header with the WIPO Green logo and navigation links: Home, Database, Network, About Us, and Join Us. A search bar is prominently displayed with the text 'Search the WIPO GREEN Database' and a 'Search' button. To the right of the search bar, there is a box with text: 'To submit a technology or need, sign in with your WIPO Account. List of current providers and seekers Read the Database FAQs'. Below the search bar, the results are displayed. On the left, there is a 'Results per page' dropdown set to '10'. Under 'All Results', there are 'Technologies (1220)' and 'Needs (30)'. Under 'All Categories', there is a list of energy-related categories with their respective counts: Energy (1250), Solar (327), Biomass/Bioenergy (217), Energy efficiency (152), Energy storage (149), Energy generation (Others) (134), Fuel cells (98), Other (53), Wind (48), Waste to energy (35), ICT in energy (31), and Energy distribution (24). The main content area shows 'Showing 1-10 of 1250 results > Database Search > Energy' and a pagination bar with links from '1-10' to '1241-1250'. The first result is titled 'Powerful New Enzyme for Transforming Biomass'. Below the title, it says 'Background:' followed by a paragraph: 'Converting plant cellulose and hemicellulose into fermentable sugars is a major bottleneck in the biofuel industry. Chemical pretreatment and enzyme hydrolysis (breakdown) usually are required.' Another paragraph follows: 'Among chemical pretreatments, ammonia fiber expansion (AFEX) alkaline pretreatment has many advantages.' Below this, it says 'Last updated: December 21, 2015' and 'Submitted by: Wisconsin Alumni Research Foundation (WARF)'. The second result is titled 'Simplified Daylight Harvesting'.



# WIPO Re:Search

Initiative in the field of neglected diseases, tuberculosis and malaria

Includes a database with information on availability of IP rights and other information

Based on the principle of voluntary contribution

The screenshot displays the WIPO Re:Search search interface. At the top, there are two tabs: "Structured Search" and "Full Text Search". Below the tabs, the interface is divided into three main sections:

- Provider:** A list of research institutions and organizations, including Aberystwyth University, African Institute of Biomedical Sciences and Technology (AIBST), Alnylam, Caltech, Center for Infectious Disease Research, Center for World Health and Medicine (CWHM), Centre of Excellence for Malaria Diagnosis, University of Lagos, Drugs for Neglected Diseases Initiative (DNDI), Eisai, Eschills Institute, GlaxoSmithKline (GSK), Infectious Disease Research Institute (IDRI), International Center for Genetic Engineering and Biotechnology (ICGEB), International Vaccine Institute (IVI), Kumasi Centre for Research in Tropical Medicine (KCRTM), Liverpool School of Tropical Medicine (LSTM), Massachusetts Institute of Technology (MIT), McGill University (McGill), Medical Research Council of South Africa (MRC), Medicines for Malaria Venture (MMV), Merck (MSD), National Institute of Parasitic Diseases, China, National University of Singapore, NIH (USA), Northeastern University (NEU), Novartis, PATH, and Pfizer.
- Disease:** A dropdown menu with the following options: Unknown or Others, Buruli Ulcer, Chagas disease (American trypanosomiasis), Cysticercosis, Dengue/dengue hemorrhagic fever, Dracunculiasis (guinea-worm disease), Echinococcosis, Endemic treponematoses (Yaws), Foodborne trematode infections (Clonorchiasis, Fascioliasis), and Human African trypanosomiasis.
- Type of data:** A dropdown menu with the following options: Screening - Hits Data, Hit-to-Lead, Lead Series, Pre-Clinical Candidate, Clinical Candidate, Marketed Product, Enabling Technology (platform), Intellectual Property (patents), Formulation, Diagnostic Tool, Vaccine Technology, New Biological Entity, and Other Data, Know-how, Services, Resources.

At the bottom of the interface, there are two buttons: "Search" and "Reset".

**Thank you!**

[paul.halfpenny@wipo.int](mailto:paul.halfpenny@wipo.int)



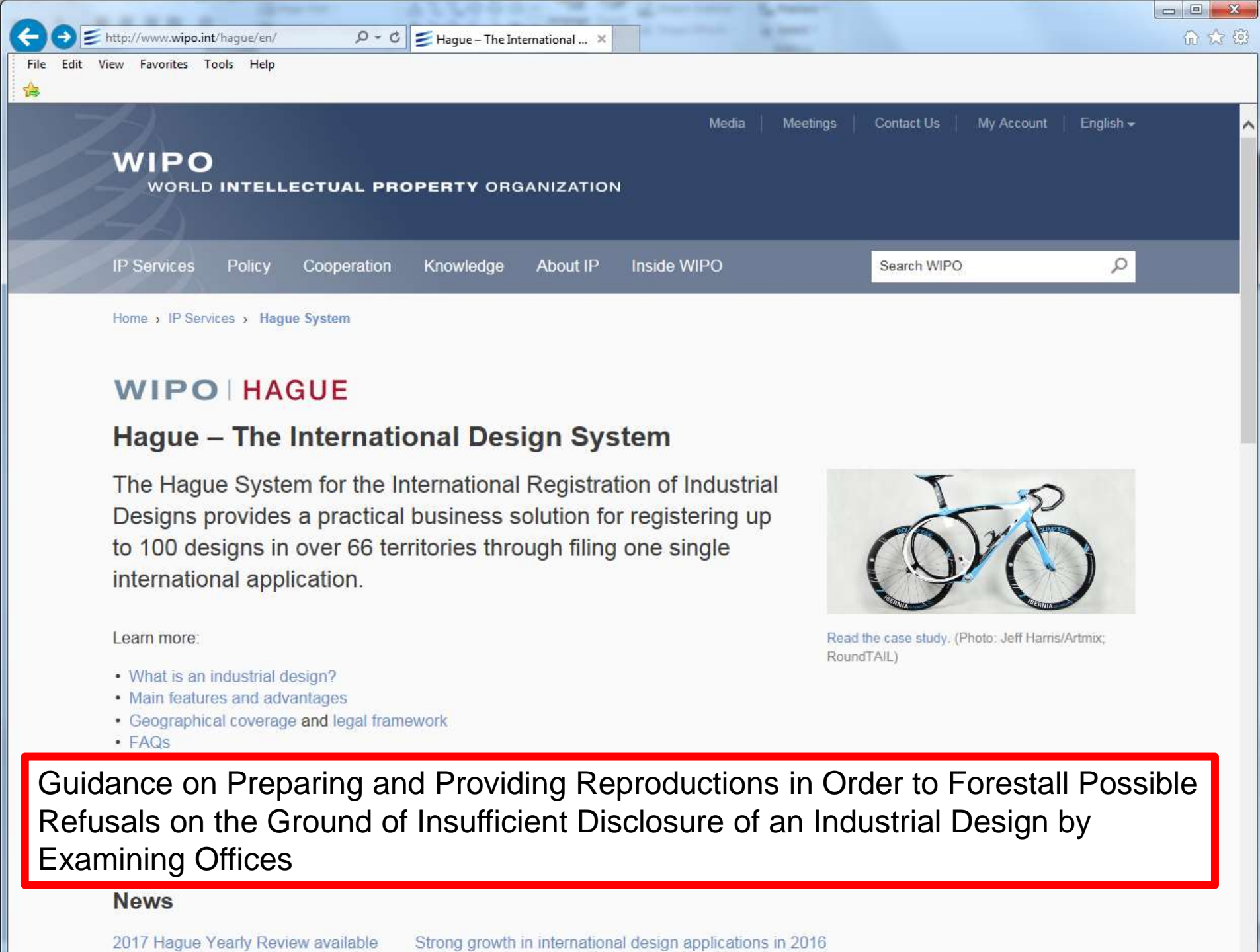
# **Panel Discussion: Protecting Designs Internationally – Challenges and Successful Experiences**

Ms. Päivi Lähdesmäki  
Head, Development and Promotion Section  
The Hague Registry  
World Intellectual Property Organization (WIPO)

**London, April 30 2018**



**ISSUE COMMON TO ALL  
EXAMINING JURISDICTIONS :  
HOW TO ACHIEVE APPROPRIATE  
DISCLOSURE?**



## WIPO | HAGUE

### Hague – The International Design System

The Hague System for the International Registration of Industrial Designs provides a practical business solution for registering up to 100 designs in over 66 territories through filing one single international application.

Learn more:

- [What is an industrial design?](#)
- [Main features and advantages](#)
- [Geographical coverage and legal framework](#)
- [FAQs](#)



[Read the case study.](#) (Photo: Jeff Harris/Artnix; RoundTAIL)

**Guidance on Preparing and Providing Reproductions in Order to Forestall Possible Refusals on the Ground of Insufficient Disclosure of an Industrial Design by Examining Offices**

#### News

[2017 Hague Yearly Review available](#)

[Strong growth in international design applications in 2016](#)



# **ISSUE COMMON ALL :** **PRODUCT INDICATION**

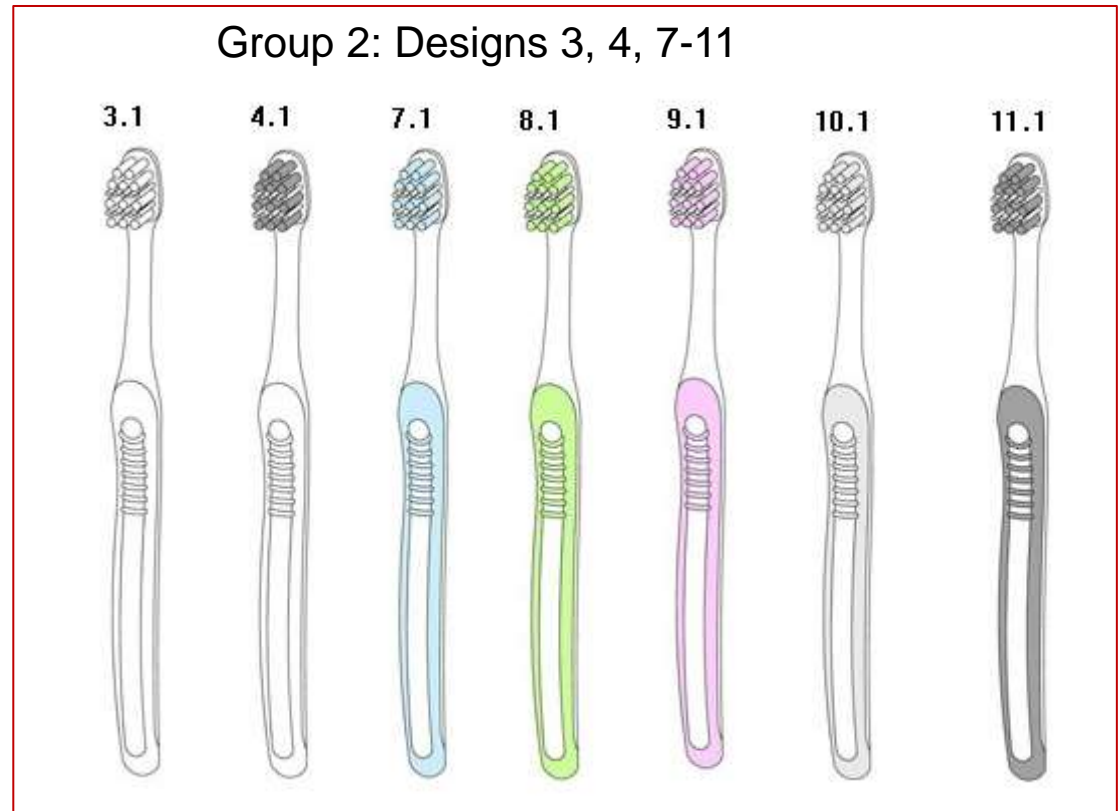
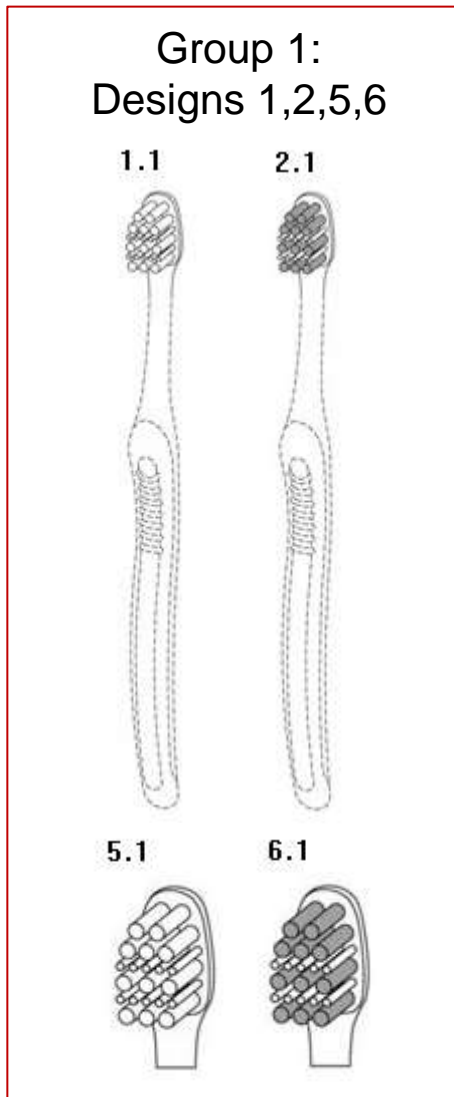


**ISSUE SPECIFIC TO THE USA (AND  
NOW ALSO RUSSIA):**

**UNITY OF DESIGN**

# Unity of Design

Indistinct designs or obvious variations:



Designs grouped together have the same basic design characteristics:

- similar in overall appearance
- similar in visual impression
- similar in shape/ configuration





**ISSUES SPECIFIC TO  
JAPAN AND THE REPUBLIC OF  
KOREA:**

**CONFLICT WITH OTHER  
APPLICATION AND  
LACK OF NOVELTY**

# Surprise: it's almost never prior art

- What destroys your novelty in KR and JP is almost always your own design...
  - when designs are similar they destroy each other's novelty
- That's easy to avoid!
  - Identify one as the «principal design»
  - Identify the others as «related designs»

# Identify the Principal and Related Designs in the dedicated e-filing tab

1.1



1.1



2.1



2.1



...think about it even if the first design was filed in another Hague or domestic application!

# Success Stories: These cases accepted by all of the US, JP and KR Offices !



DM/92589 DM/95101 DM/89713  
DM/92108 DM/89858 DM/89019

v

ORGANIZATION

**MOST REFUSALS CAN BE EASILY  
OVERCOME...  
BUT COULD HAVE BEEN EASILY  
AVOIDED TOO!**