



Roving Seminar on WIPO Services and Initiatives

**New Zealand
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Introduction to WIPO



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Who we are

- International organization
- Established in 1967
- 191 member states
- 1200 staff from 120 countries
- 26 treaties

Where we are



A world map with a blue background and white text labels for various locations. 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). The text 'WIPO Offices' is located at the bottom right of the map.

New York

Geneva HQ

Russia

China

Japan

Algeria

Nigeria

Brazil

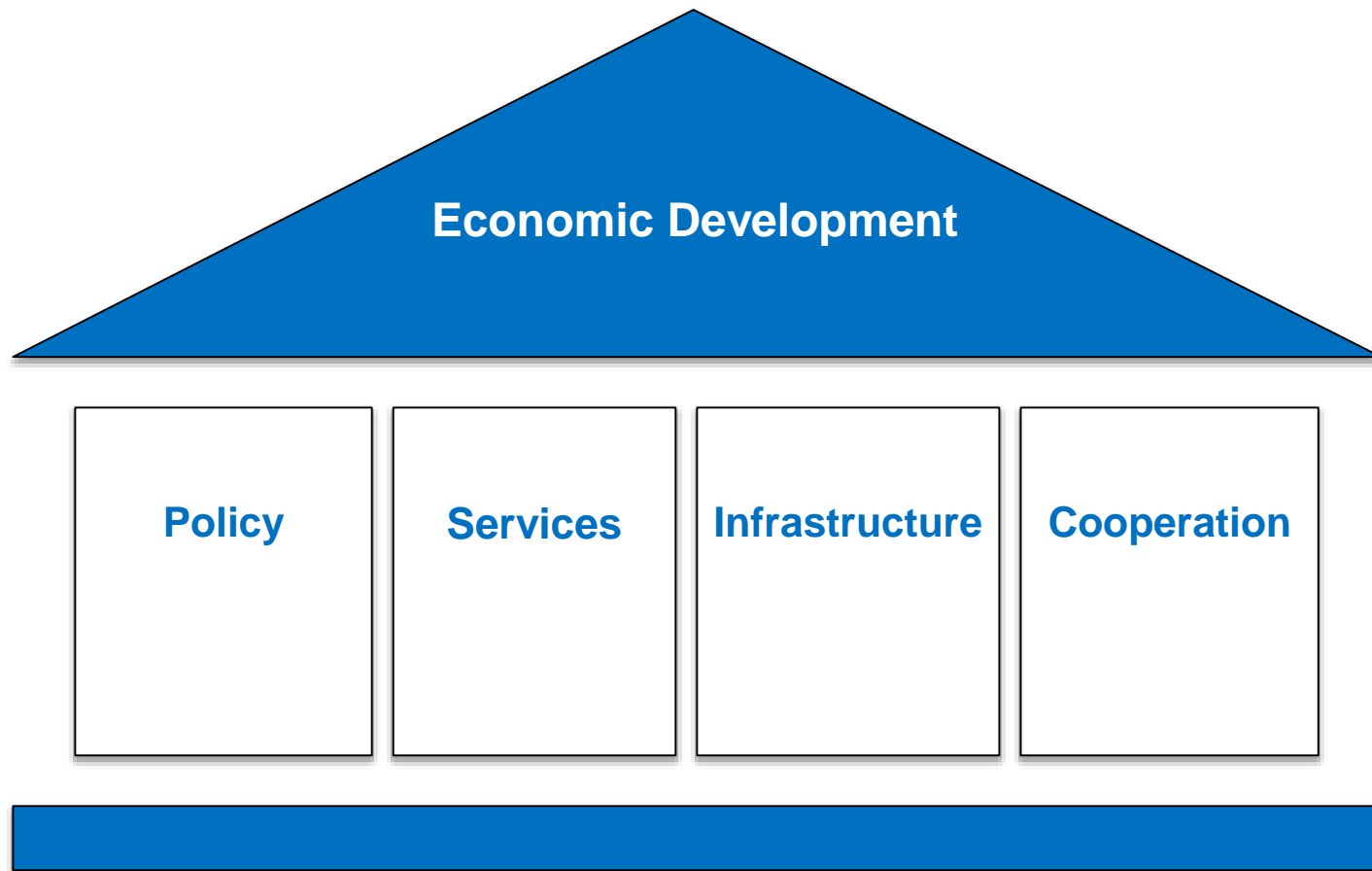
Singapore

WIPO Offices



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

How we do it

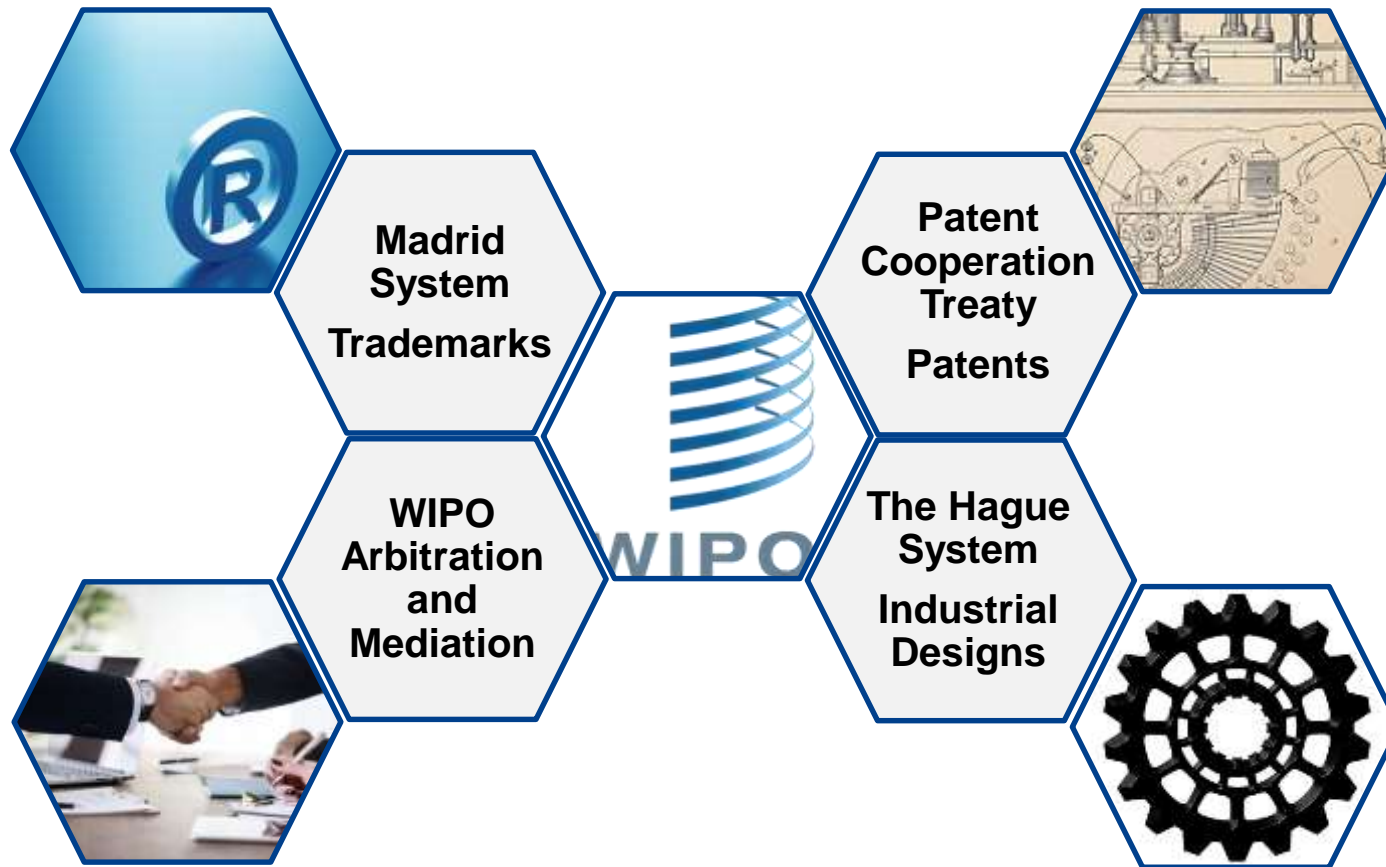


Policy

Marrakesh Treaty for Visually Impaired Persons (2013)



Global IP Services



Global IP Infrastructure

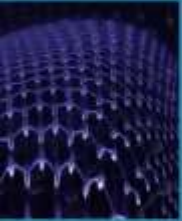


- Standards and classification
- Global databases
- Use of patent information
- Modernization of IP rights administration
- Artificial intelligence and new technologies

World Intellectual Property Report

Breakthrough Innovation and Economic Growth

Economics & Statistics Series



Patent Cooperation Treaty Yearly Review

The International Patent System

Economics & Statistics Series

2015



World Intellectual Property Indicators 2017



WIPO IP Facts and Figures

Economics & Statistics Series

2014



WIPO
Technology Trends 2019

Artificial Intelligence



GLOBAL INNOVATION INDEX 2018

Energizing the World with Innovation



Output rank	Input rank	Income	Region	Efficiency ratio	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	IGI 2017 rank
30	15	High	SEAO	59	4.7	185.7	38,933.8	21

	Score/Value	Rank
8 Institutions	92.7	4
11 Political environment	93.9	3
11.1 Political stability & safety*	99.1	2
11.2 Government effectiveness*	91.3	6
12 Regulatory environment	98.3	2
12.1 Regulatory quality*	96.4	3
12.2 Rule of law*	96.8	5
12.3 Cost of redundancy dismissal, salary weeks	8.0	1
13 Business environment	85.9	17
13.1 Ease of starting a business*	100.0	1
13.2 Ease of resolving insolvency*	71.9	30
9a Human capital & research	54.3	15
21 Education	61.2	17
21.1 Expenditure on education, % GDP	6.3	17
21.2 Government funding/pupil, secondary, % GDP/cap.	21.7	44
21.3 School life expectancy, years	18.9	7
21.4 PISA scales in reading, maths & science	505.9	14
21.5 Pupil-teacher ratio, secondary ^{9a}	13.8	59
22 Tertiary education	56.2	11
22.1 Tertiary enrolment, % gross	81.8	14
22.2 Graduates in science & engineering, %	19.9	61
22.3 Tertiary inbound mobility, %	19.8	1
23 Research & development (R&D)	45.3	22
23.1 Researchers, FTE/mn pop. ^{9b}	4,052.4	22
23.2 Gross expenditure on R&D, % GDP ^{9b}	1.3	26
23.3 Global R&D companies, top 3, mn US\$	47.3	30
23.4 QS university ranking, average score top 3*	55.8	17
9c Infrastructure	59.4	22
31 Information & communication technologies (ICT)	38.3	6
31.1 ICT access*	83.4	16
31.2 ICT use*	80.8	12
31.3 Government's online services*	94.2	5
31.4 E-participation*	94.9	5
32 General infrastructure	45.0	36
32.1 Electricity output, kWh/cap.	9,381.4	15
32.2 Logistics performance*	61.3	36
32.3 Gross capital formation, % GDP	24.6	45
33 Ecological sustainability	41.8	51
33.1 GDP/unit of energy use	7.8	75
33.2 Environmental performance*	76.0	17
33.3 ISO 14001 environmental certificates/bn PPP\$ GDP	1.7	53
9d Market sophistication	65.9	9
41 Credit	80.8	3
41.1 Ease of getting credit*	100.0	1
41.2 Domestic credit to private sector, % GDP ^{9d}	142.3	13
41.3 Microfinance gross loans, % GDP	n/a	n/a
42 Investment	50.1	36
42.1 Ease of protecting minority investors*	81.7	2
42.2 Market capitalization, % GDP	40.9	36
42.3 Venture capital deals/bn PPP\$ GDP	0.1	25
43 Trade, competition, & market scale	56.8	44
43.1 Applied tariff rate, weighted mean, %	1.3	15
43.2 Intensity of local competition*	72.7	42
43.3 Domestic market scale, bn PPP\$	185.7	61

	Score/Value	Rank
5 Business sophistication	44.8	27
5.1 Knowledge workers	55.7	27
5.1.1 Knowledge-intensive employment, % ⁵	42.9	19
5.1.2 Firms offering formal training, % firms	n/a	n/a
5.1.3 GERD performed by business, % GDP ⁵	0.6	32
5.1.4 GERD financed by business, %	43.1	34
5.1.5 Females employed w/advanced degrees, % ⁵	19.5	26
5.2 Innovation linkages	41.1	32
5.2.1 University/industry research collaboration*	63.9	16
5.2.2 State of cluster development*	51.4	43
5.2.3 GERD financed by abroad, %	8.2	46
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP	0.1	13
5.2.5 Patent families 2+ offices/bn PPP\$ GDP	2.6	16
5.3 Knowledge absorption	37.5	36
5.3.1 Intellectual property payments, % total trade	1.8	14
5.3.2 High-tech net imports, % total trade	11.1	29
5.3.3 ICT services imports, % total trade	1.6	38
5.3.4 FDI net inflows, % GDP	0.9	105
5.3.5 Research talent, % in business enterprise ⁵	36.9	35
6 Knowledge & technology outputs	32.1	37
6.1 Knowledge creation	41.2	20
6.1.1 Patents by origin/bn PPP\$ GDP	6.1	20
6.1.2 PCT patents by origin/bn PPP\$ GDP	1.5	23
6.1.3 Utility models by origin/bn PPP\$ GDP	n/a	n/a
6.1.4 Scientific & technical articles/bn PPP\$ GDP	29.3	10
6.1.5 Citable documents H index	33.4	27
6.2 Knowledge impact	38.3	55
6.2.1 Growth rate of PPP\$ GDP/worker, %	(0.6)	94
6.2.2 New businesses/m pop. 15-64	14.5	9
6.2.3 Computer software spending, % GDP	0.3	47
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP	6.3	53
6.2.5 High- & medium-high-tech manufactures, %	0.1	66
6.3 Knowledge diffusion	16.8	81
6.3.1 Intellectual property receipts, % total trade	0.6	23
6.3.2 High-tech net exports, % total trade	1.4	62
6.3.3 ICT services exports, % total trade	1.3	74
6.3.4 FDI net outflows, % GDP	0.1	101
7 Creative outputs	46.2	18
71 Intangible assets	56.3	21
71.1 Trademarks by origin/bn PPP\$ GDP	94.0	16
71.2 Industrial designs by origin/bn PPP\$ GDP	2.0	52
71.3 ICTs & business model creation*	76.7	16
71.4 ICTs & organizational model creation*	70.4	20
72 Creative goods & services	29.5	43
72.1 Cultural & creative services exports, % total trade ⁷	0.3	39
72.2 National feature films/mn pop. 15-69	8.8	17
72.3 Entertainment & Media market/m pop. 15-69	59.9	10
72.4 Printing & other media, % manufacturing	1.8	19
72.5 Creative goods exports, % total trade	0.3	70
73 Online creativity	42.9	16
73.1 Generic top-level domains (TLDs)/th pop. 15-69	33.0	20
73.2 Country-code TLDs/th pop. 15-69	62.8	10
73.3 Wikipedia edits/mn pop. 15-69	59.7	16
73.4 Mobile app creation/bn PPP\$ GDP	35.8	20

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