



Roving Seminar on WIPO Services and Initiatives

**Athens
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Introduction to WIPO



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WIPO



Who we are

- International organization
- Established in 1967
- 191 member states
- 1200 staff from 121 countries
- 26 treaties

Where we are

A world map with a dark blue background and light blue landmasses. The map is overlaid with a grid of binary code (0s and 1s). Several locations are marked with white text labels: Geneva HQ (Europe), New York (North America), Brazil (South America), Nigeria (Africa), Russia (Russia), China (East Asia), Japan (East Asia), and Singapore (Southeast Asia).

New York

Geneva HQ

Russia

China

Japan

Algeria

Nigeria

Singapore

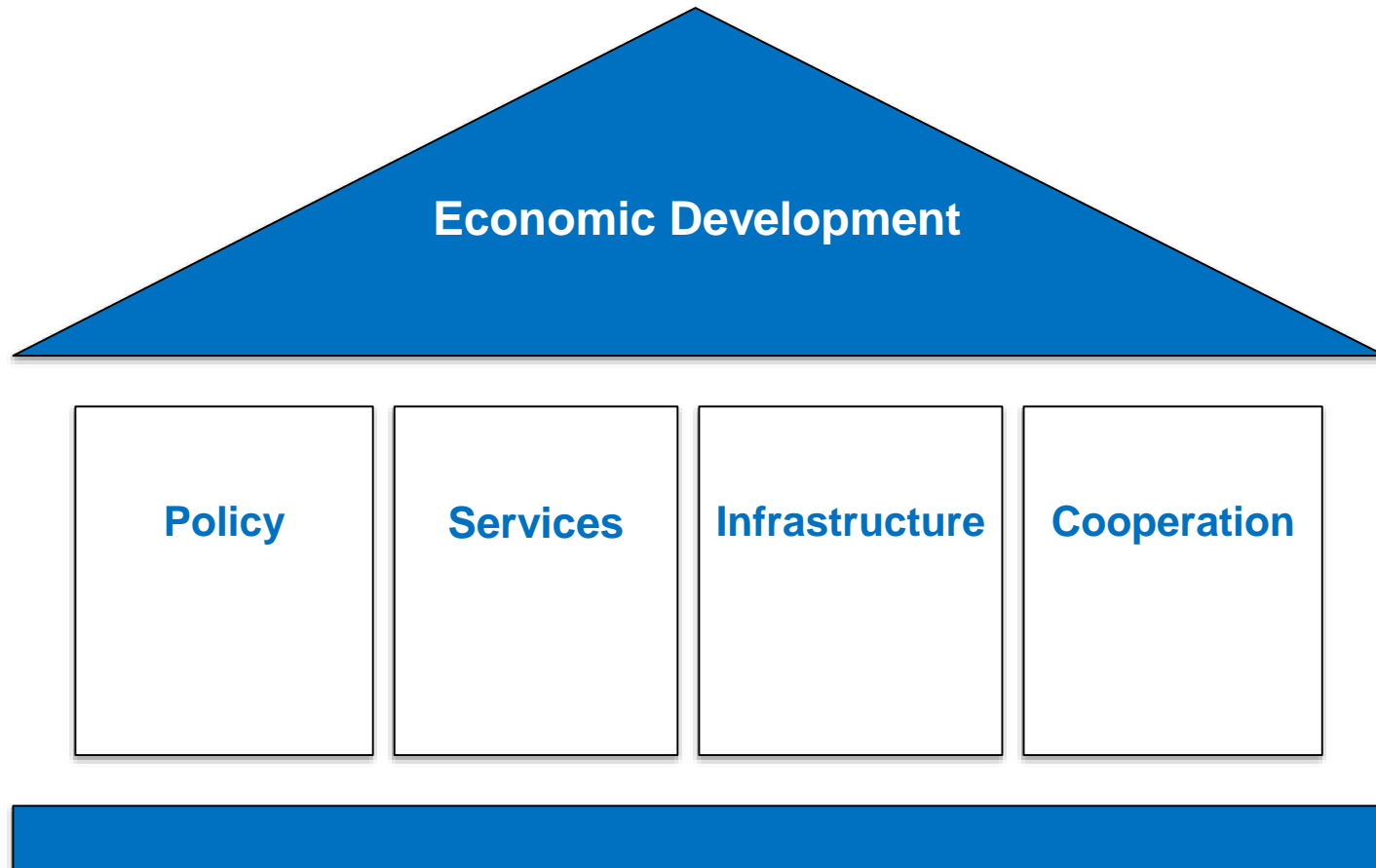
Brazil

WIPO Offices



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

How we do it

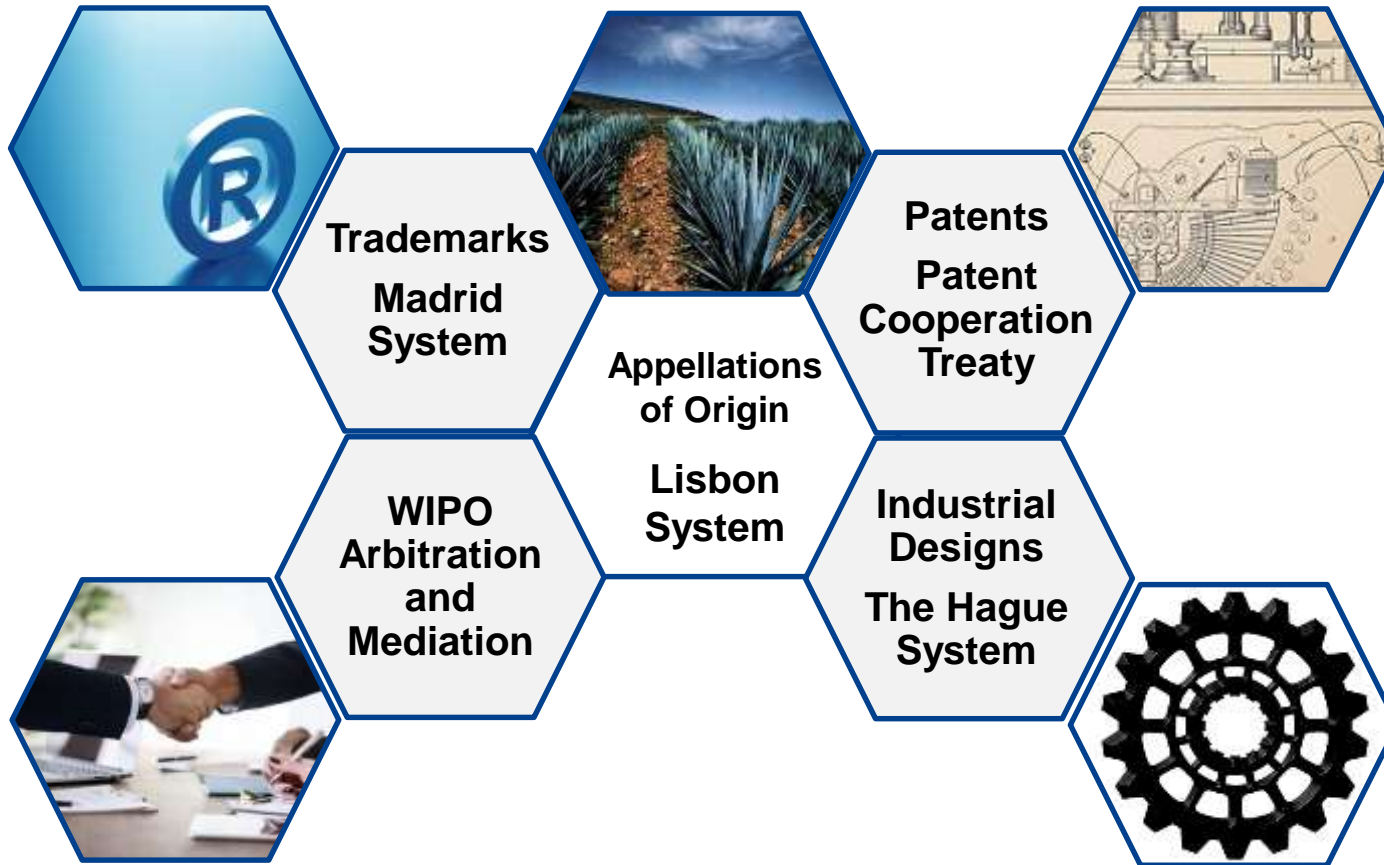


Policy

Marrakesh Treaty for Visually Impaired Persons (2013)



Services



Global IP Infrastructure

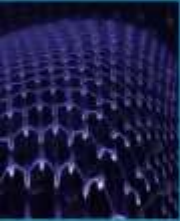


- Standards and classification
- Global databases
- Platforms

World Intellectual Property Report

Breakthrough Innovation and Economic Growth

Economics & Statistics Series



Patent Cooperation Treaty Yearly Review

The International Patent System

Economics & Statistics Series

2019



World Intellectual Property Indicators 2017



WIPO IP Facts and Figures

Economics & Statistics Series

2014



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Artificial Intelligence

Patent families

AI patents boom

50,000

Top 5 applicants

IBM
Microsoft
Toshiba
Samsung
NEC



WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

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\$	GII 2017 rank
52	40	High	EUR	74	11.2	299.5	27,737.0	44

	Score/Value	Rank
I Institutions	65.4	54
1.1 Political environment	54.1	58
1.1.1 Political stability & safety*	61.4	72
1.1.2 Government effectiveness*	50.4	56
1.2 Regulatory environment	68.3	59
1.2.1 Regulatory quality*	47.9	64
1.2.2 Rule of law*	49.3	54
1.2.3 Cost of redundancy dismissal, salary weeks	15.9	62
1.3 Business environment	73.9	48
1.3.1 Ease of starting a business*	92.3	33
1.3.2 Ease of resolving insolvency*	55.6	53

	Score/Value	Rank
Human capital & research	53.2	20
2.1 Education	71.6	4
2.1.1 Expenditure on education, % GDP	n/a	n/a
2.1.2 Government funding/pupil, secondary, % GDP/cap	n/a	n/a
2.1.3 School life expectancy, years ^(a)	17.3	15
2.1.4 PISA scales in reading, maths & science	458.5	42
2.1.5 Pupil-teacher ratio, secondary ^(b)	8.7	15
2.2 Tertiary education	58.1	8
2.2.1 Tertiary enrolment, % gross ^(c)	117.4	2
2.2.2 Graduates in science & engineering, % ^(d)	29.9	11
2.2.3 Tertiary inbound mobility, % ^(e)	4.2	48
2.3 Research & development (R&D)	29.9	35
2.3.1 Researchers, FTE/mn pop.	2,599.3	32
2.3.2 Gross expenditure on R&D, % GDP	1.0	35
2.3.3 Global R&D companies, top 3, mn US\$	40.4	26
2.3.4 QS university ranking, average score top 3*	24.5	47

	Score/Value	Rank
Infrastructure	47.0	59
3.1 Information & communication technologies (ICTs)	63.7	53
3.1.1 ICT access*	77.6	34
3.1.2 ICT use*	58.2	48
3.1.3 Government's online service*	58.0	71
3.1.4 E-participation*	61.0	63
3.2 General infrastructure	36.8	107
3.2.1 Electricity output, kWh/cap	4,486.2	46
3.2.2 Logistics performance*	54.4	46
3.2.3 Gross capital formation, % GDP	10.8	121
3.3 Ecological sustainability	50.3	24
3.3.1 GDP/unit of energy use	11.2	34
3.3.2 Environmental performance*	73.6	22
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP	4.6	23

	Score/Value	Rank
Market sophistication	50.0	49
4.1 Credit	48.3	33
4.1.1 Ease of getting credit*	50.0	75
4.1.2 Domestic credit to private sector % GDP	108.8	24
4.1.3 Microfinance gross loans, % GDP	n/a	n/a
4.2 Investment	34.2	97
4.2.1 Ease of protecting minority investors*	63.3	42
4.2.2 Market capitalization, % GDP	21.4	62
4.2.3 Venture capital deals/bn PPP\$ GDP	0.0	77
4.3 Trade, competition, & market scale	67.5	42
4.3.1 Applied tariff rate, weighted mean, %	1.6	19
4.3.2 Intensity of local competition*	67.7	68
4.3.3 Domestic market scale, bn PPP\$	299.5	54

	Score/Value	Rank
Business sophistication	30.0	65
5.1 Knowledge workers	42.9	48
5.1.1 Knowledge-intensive employment, %	30.1	45
5.1.2 Firms offering formal training, % firms	n/a	n/a
5.1.3 GERD performed by business, % GDP	0.4	38
5.1.4 GERD financed by business, %	39.9	40
5.1.5 Females employed w/advanced degrees, %	17.5	32
5.2 Innovation linkages	23.9	82
5.2.1 University/industry research collaboration*	25.8	114
5.2.2 State of cluster development*	33.3	109
5.2.3 GERD financed by abroad, %	14.6	32
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP	0.0	47
5.2.5 Patent families 2+ offices/bn PPP\$ GDP	0.3	36
5.3 Knowledge absorption	23.2	90
5.3.1 Intellectual property payments, % total trade	0.4	67
5.3.2 High-tech net imports, % total trade	6.7	85
5.3.3 ICT services imports, % total trade	1.1	62
5.3.4 FDI net inflows, % GDP	1.1	102
5.3.5 Research talent, % in business enterprise	18.8	54

	Score/Value	Rank
Knowledge & technology outputs	25.3	54
6.1 Knowledge creation	17.9	51
6.1.1 Patents by origin/bn PPP\$ GDP	2.3	41
6.1.2 PCT patents by origin/bn PPP\$ GDP	0.4	40
6.1.3 Utility models by origin/bn PPP\$ GDP	0.1	60
6.1.4 Scientific & technical articles/bn PPP\$ GDP	21.6	23
6.1.5 Citable documents H index	31.2	29
6.2 Knowledge impact	41.4	41
6.2.1 Growth rate of PPP\$ GDP/worker, %	(1.3)	98
6.2.2 New businesses/th pop. 15-64 ^(a)	0.8	77
6.2.3 Computer software spending, % GDP	0.6	15
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP	25.2	11
6.2.5 High- & medium-high-tech manufactures, %	0.1	69
6.3 Knowledge diffusion	16.6	82
6.3.1 Intellectual property receipts, % total trade	0.1	48
6.3.2 High-tech net exports, % total trade	2.6	48
6.3.3 ICT services exports, % total trade	1.8	56
6.3.4 FDI net outflows, % GDP	0.4	71

	Score/Value	Rank
Creative outputs	32.2	51
7.1 Intangible assets	42.8	63
7.1.1 Trademarks by origin/bn PPP\$ GDP	n/a	n/a
7.1.2 Industrial designs by origin/bn PPP\$ GDP	4.1	32
7.1.3 ICTs & business model creation ¹	53.1	93
7.1.4 ICTs & organizational model creation ¹	43.6	97
7.2 Creative goods & services	28.7	45
7.2.1 Cultural & creative services exports, % total trade ^(b)	0.7	18
7.2.2 National feature films/mn pop. 15-69	5.5	36
7.2.3 Entertainment & Media market/th pop. 15-69	19.1	28
7.2.4 Printing & other media, % manufacturing	1.3	36
7.2.5 Creative goods exports, % total trade	1.6	38
7.3 Online creativity	14.6	48
7.3.1 Generic top-level domains (TLDs)/th pop. 15-69	12.3	35
7.3.2 Country-code TLDs/th pop. 15-69	16.5	31
7.3.3 Wikipedia edits/mn pop. 15-69	24.3	43
7.3.4 Mobile app creation/bn PPP\$ GDP	13.4	53

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