



**WIPO**

WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

# **WIPO Services and Initiatives**

**Thessalonica  
April 11, 2019**



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- International intergovernmental organization
- Since 1967
- 192 Member States
- 1300 staff from 121 countries
- 26 treaties
- Self-funding



New York

Geneva HQ

Algeria

Nigeria

Brazil

Russia

China

Japan

Singapore

**WIPO offices**



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

# Economic Development

**Policy**

**Services**

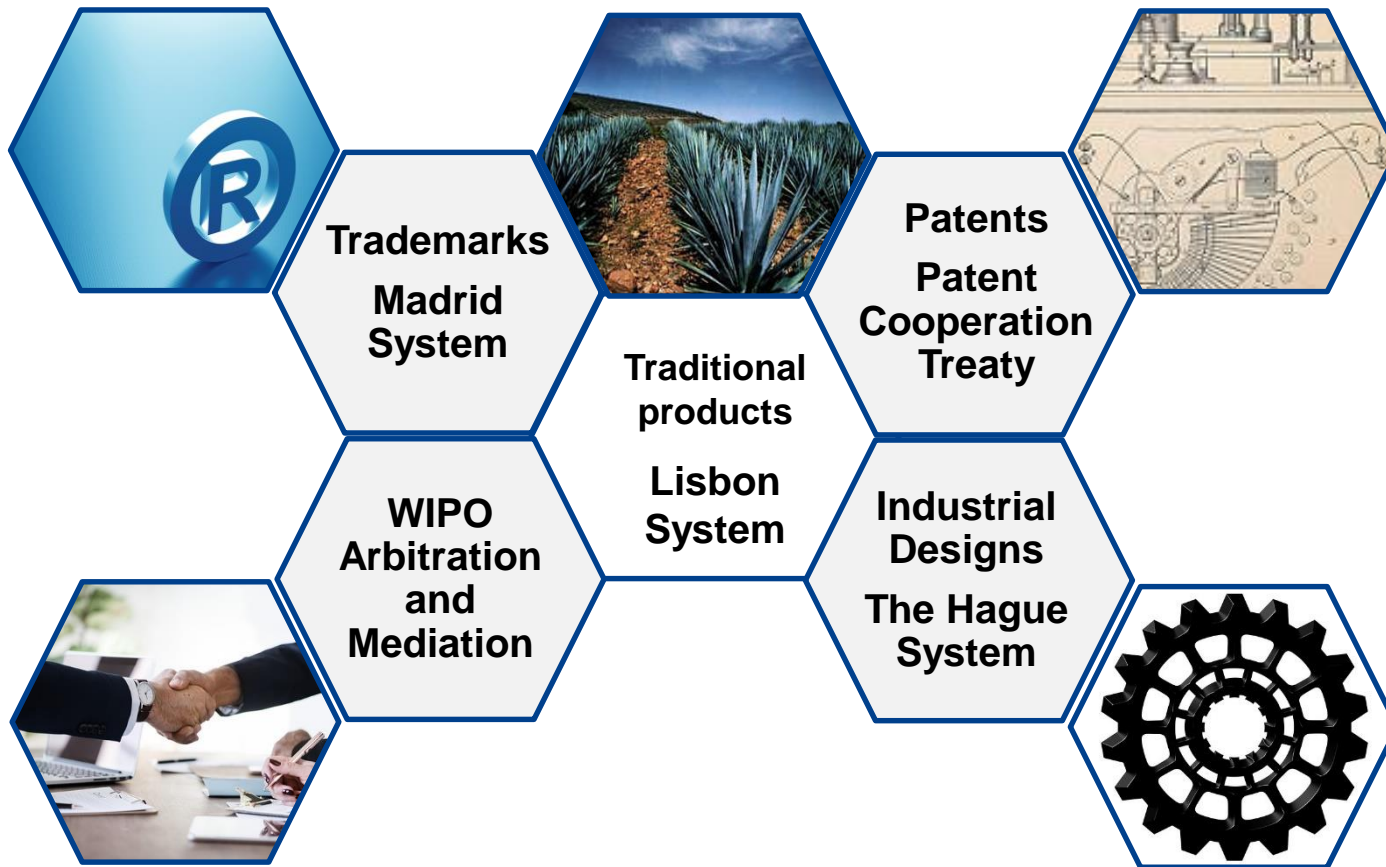
**Infrastructure**

**Cooperation**

**How do we do it?**

# Global Policymaking







# WIPO Arbitration and Mediation Center



# Global Infrastructure

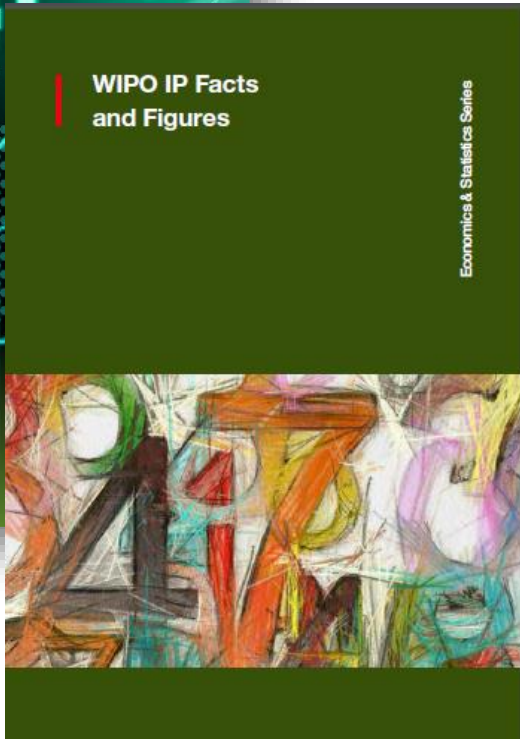
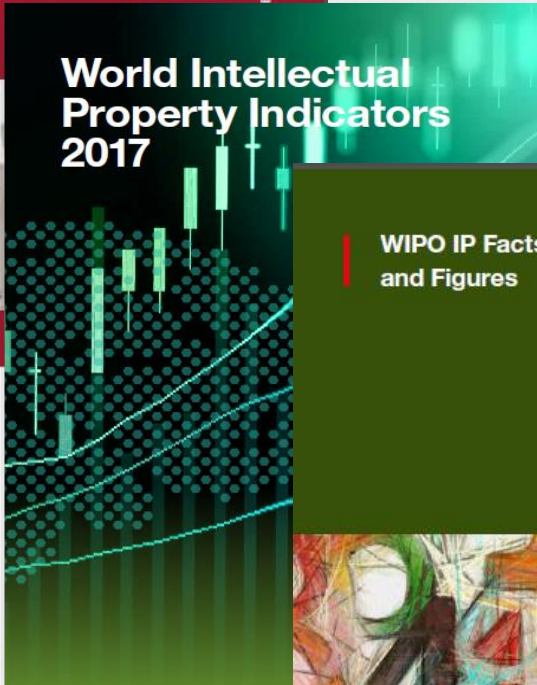




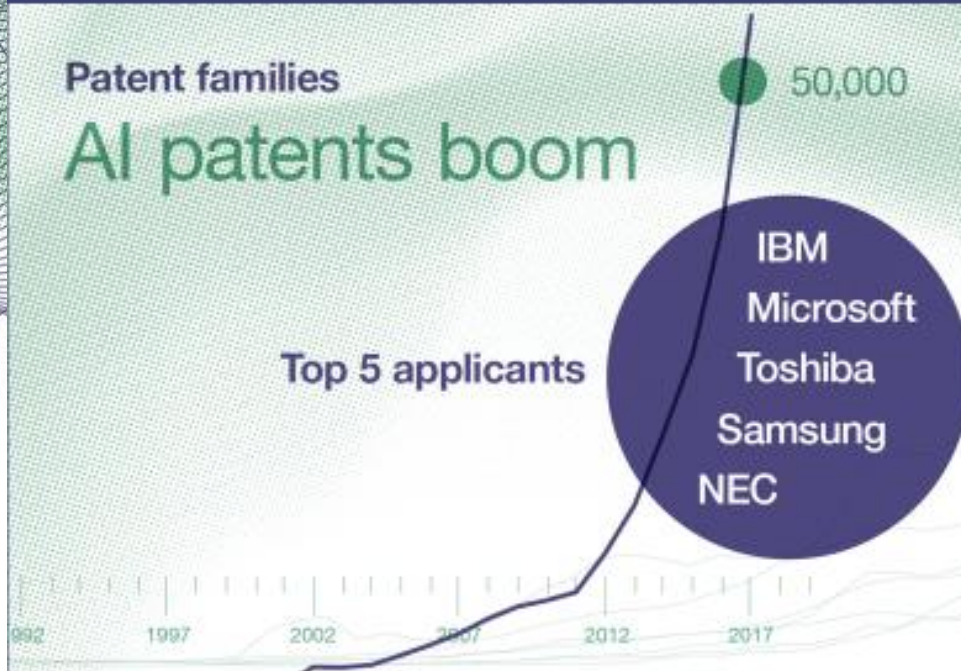
2015



2014



# Artificial Intelligence



# GLOBAL INNOVATION INDEX 2018

Energizing the World with Innovation





**GREECE**

Patra

Athens

Thessaloniki  
Aegean Sea

Tirana  
ALB.

MACE.  
Skopje

Sofia  
BULGARIA

Eskise  
Izmir

Ionian  
Sea

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
<b>I Institutions</b>	<b>65.4</b>	<b>54</b>
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
<b>Human capital &amp; research</b>	<b>53.2</b>	<b>20</b>
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 <sup>(9)</sup>	17.3	15
2.1.4 PISA scales in reading, maths & science	458.5	42
2.1.5 Pupil-teacher ratio, secondary <sup>(9)</sup>	8.7	15
2.2 Tertiary education	58.1	8
2.2.1 Tertiary enrolment, % gross <sup>(9)</sup>	117.4	2
2.2.2 Graduates in science & engineering, % <sup>(9)</sup>	29.9	11
2.2.3 Tertiary inbound mobility, % <sup>(9)</sup>	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	36
2.3.4 QS university ranking, average score top 3*	24.5	47

	Score/Value	Rank
<b>Infrastructure</b>	<b>47.0</b>	<b>59</b>
3.1 Information & communication technologies (ICTs)	63.7	52
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	26.8	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
<b>Market sophistication</b>	<b>50.0</b>	<b>49</b>
4.1 Credit	48.3	33
4.1.1 Ease of getting credit*	50.0	79
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 <sup>1</sup>	6.77	68
4.3.3 Domestic market scale, bn PPP\$	299.5	54

	Score/Value	Rank
<b>Business sophistication</b>	<b>30.0</b>	<b>65</b>
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 <sup>1</sup>	25.8	114
5.2.2 State of cluster development <sup>1</sup>	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	11	102
5.3.5 Research talent, % in business enterprise	18.8	54

	Score/Value	Rank
<b>Knowledge &amp; technology outputs</b>	<b>25.3</b>	<b>54</b>
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 <sup>(9)</sup>	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
<b>Creative outputs</b>	<b>32.2</b>	<b>51</b>
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 <sup>1</sup>	53.1	93
7.1.4 ICTs & organizational model creation <sup>1</sup>	43.6	97
7.2 Creative goods & services	28.7	45
7.2.1 Cultural & creative services exports, % total trade <sup>(9)</sup>	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



## Statistical Country Profiles



### Greece

Population (Million): 10.76 (2017)  
 Gross Domestic Product (Billion US\$)(Constant 2011 US\$ (PPP)): 264.43 (2017)

#### IP Filings (Resident + Abroad, Including Regional) and Economy

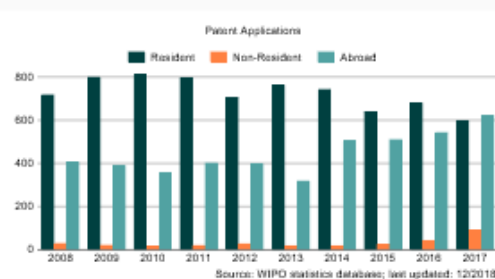
Year	Patent	Trademark	Industrial Design	GDP (Constant 2011 US\$)
2008	1,125		4,328	353.18
2009	1,193		4,986	337.99
2010	1,172		4,833	319.47
2011	1,202			290.30
2012	1,107		3,712	269.10
2013	1,083		7,465	260.38
2014	1,251		5,393	262.31
2015	1,152		8,454	261.54
2016	1,223		8,718	260.91
2017	1,225		7,657	264.43



#### Patent

##### Patent Applications

Year	Resident	Non-Resident	Abroad
2008	719	30	406
2009	801	22	392
2010	813	16	359
2011	798	20	404
2012	708	28	399
2013	764	19	319
2014	745	19	506
2015	640	23	512
2016	679	40	544
2017	600	91	625





# GLOBAL IP PLATFORM

The Global IP Platform is a WIPO initiative aimed at improving your user experience by standardizing online services, such as:

**Filing systems • Search Databases • Renewals  
Classification tools • Payment Processing**



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