

UNIVERSIDAD NACIONAL DE LA PLATA

FACULTAD DE CIENCIAS ECONÓMICAS

**“Conocimiento, innovación,  
productividad y competitividad”**

**3ra Jornada de Competitividad**

**Prof. Dr. Ricardo Pascale**

La Plata, 15 de octubre de 2014.

# [ Agenda ]

- Conocimiento
- Innovación
- Productividad
- Competitividad

**Conocimiento**

- **4ta Revolución Tecnológica (1908)**

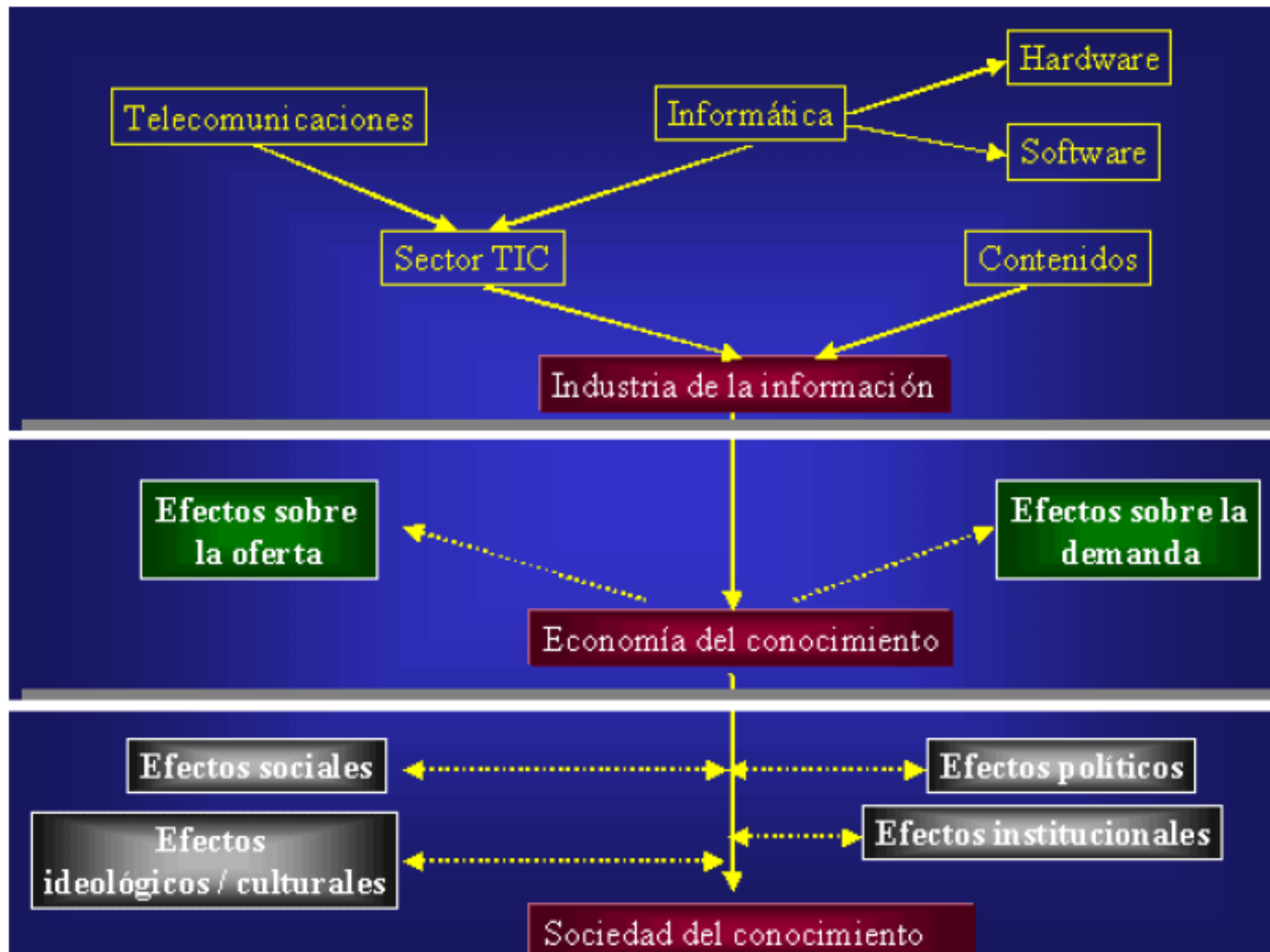
- Producción en serie

- **5ta Revolución Tecnológica (1971)**

- Valor único - Chip

# [ Economía del Conocimiento ]

- “El análisis del comportamiento y de los hechos relacionados con la aplicación económica del saber.”



# **¿Por qué es importante la economía del conocimiento?**

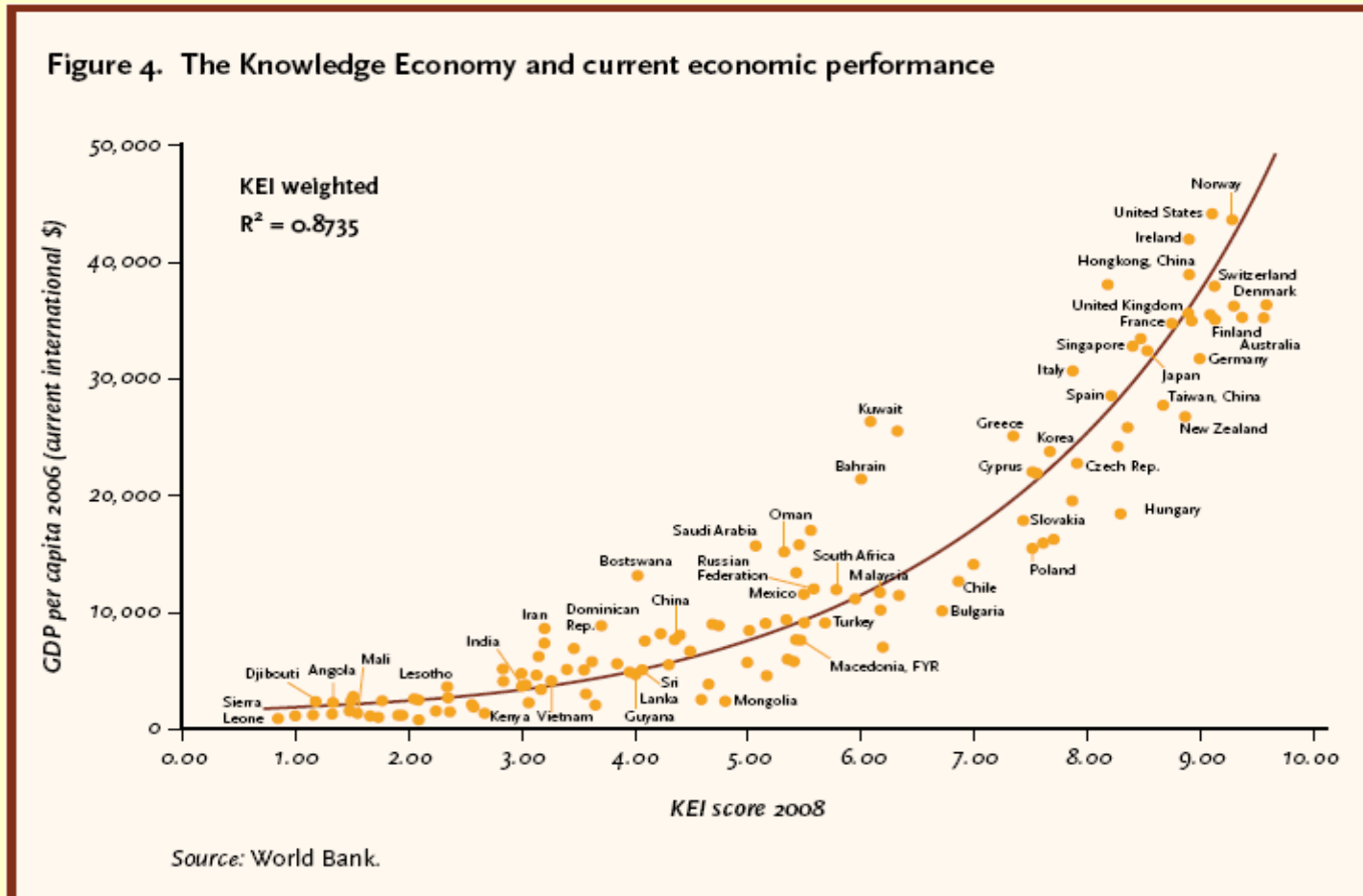
**Porque el conocimiento, se transformó en el factor productivo más importante para el crecimiento y desarrollo económico.**



# [ Pilares del KEI ]

- **Régimen de Incentivos Económicos**
- **Innovación**
- **Educación**
- **ICT**

# Economía basada en el conocimiento y performance económica



Rank	Country	x	KEI	KI	Economic Incentive Regime	Innovation	Education	ICT
1	0 Sweden		9.43	9.38	9.58	9.74	8.92	9.49
2	6 Finland		9.33	9.22	9.65	9.66	8.77	9.22
3	0 Denmark	X	9.16	9.00	9.63	9.49	8.63	8.88
4	-2 Netherlands		9.11	9.22	8.79	9.46	8.75	9.45
5	2 Norway		9.11	8.99	9.47	9.01	9.43	8.53
6	3 New Zealand		8.97	8.93	9.09	8.66	9.81	8.30
7	3 Canada		8.92	8.72	9.52	9.32	8.61	8.23
8	7 Germany		8.90	8.83	9.10	9.11	8.20	9.17
9	-3 Australia		8.88	8.98	8.56	8.92	9.71	8.32
10	-5 Switzerland	X	8.87	8.65	9.54	9.86	6.90	9.20
11	0 Ireland		8.86	8.73	9.26	9.11	8.87	8.21
12	-8 United States		8.77	8.89	8.41	9.46	8.70	8.51
13	3 Taiwan, China	X	8.77	9.10	7.77	9.38	8.87	9.06
14	-2 United Kingdom		8.76	8.61	9.20	9.12	7.27	9.45
15	-1 Belgium		8.71	8.68	8.79	9.06	8.57	8.42
16	3 Iceland		8.62	8.54	8.86	8.00	8.91	8.72
17	-4 Austria		8.61	8.39	9.26	8.87	7.33	8.97
18	7 Hong Kong, China	X	8.52	8.17	9.57	9.10	6.38	9.04
19	7 Estonia		8.40	8.26	8.81	7.75	8.60	8.44
20	2 Luxembourg		8.37	8.01	9.45	8.94	5.61	9.47
21	2 Spain		8.35	8.26	8.63	8.23	8.82	7.73
22	-5 Japan		8.28	8.53	7.55	9.08	8.43	8.07
23	-3 Singapore		8.26	7.79	9.66	9.49	5.09	8.78
24	-3 France		8.21	8.36	7.76	8.66	8.26	8.16
25	-7 Israel		8.14	8.07	8.33	9.39	7.47	7.36
26	7 Czech Republic		8.14	8.00	8.53	7.90	8.15	7.96
27	2 Hungary		8.02	7.93	8.28	8.15	8.42	7.23
28	0 Slovenia		8.01	7.91	8.31	8.50	7.42	7.80
29	-5 Korea, Rep.		7.97	8.65	5.93	8.80	9.09	8.05
30	-3 Italy		7.89	7.94	7.76	8.01	7.58	8.21

Global Competitiveness Index 2023			Key Performance Indicators (KPIs)						
Rank	Change	Country	Infrastructure		Economic Incentive Regime	Innovation		Education	ICT
			KEI	KI	Score	Index	Score	Index	
31	8	Malta	7.88	7.53	8.94	7.94	6.86	7.80	
32	2	Lithuania	7.80	7.68	8.15	6.82	8.64	7.59	
33	7	Slovak Republic	7.64	7.46	8.17	7.30	7.42	7.68	
34	-4	Portugal	7.61	7.34	8.42	7.62	6.99	7.41	
35	-3	Cyprus	7.56	7.50	7.71	7.71	7.23	7.57	
36	-5	Greece	7.51	7.74	6.80	7.83	8.96	6.43	
37	0	Latvia	7.41	7.15	8.21	6.56	7.73	7.16	
38	-3	Poland	7.41	7.20	8.01	7.16	7.76	6.70	
39	4	Croatia	7.29	7.27	7.35	7.66	6.15	8.00	
40	-2	Chile	7.21	6.61	9.01	6.93	6.83	6.05	
41	-5	Barbados	X	7.18	7.92	4.96	7.62	7.27	8.87
42	6	United Arab Emirates	X	6.94	7.09	6.50	6.60	5.80	8.88
43	-2	Bahrain	X	6.90	6.98	6.69	4.61	6.78	9.54
44	9	Romania		6.82	6.63	7.39	6.14	7.55	6.19
45	6	Bulgaria		6.80	6.61	7.35	6.94	6.25	6.66
46	-4	Uruguay		6.39	6.32	6.60	5.94	5.99	7.02
47	18	Oman	X	6.14	5.87	6.96	5.88	5.23	6.49
48	-3	Malaysia		6.10	6.25	5.67	6.91	5.22	6.61
49		Serbia		6.02	6.61	4.23	6.47	5.98	7.39
50	26	Saudi Arabia		5.96	6.05	5.68	4.14	5.65	8.37
51	-4	Costa Rica		5.93	5.65	6.76	6.19	5.43	5.34
52	4	Trinidad and Tobago	X	5.91	5.93	5.84	6.36	4.84	6.59
53		Aruba	X	5.89	4.97	8.63	3.52	5.96	5.44
54	-5	Qatar	X	5.84	5.50	6.87	6.42	3.41	6.65
55	9	Russian Federation		5.78	6.96	2.23	6.93	6.79	7.16
56	-2	Ukraine		5.73	6.33	3.95	5.76	8.26	4.96
57	16	Macedonia, FYR	X	5.65	5.63	5.73	4.99	5.15	6.74
58	-3	Jamaica		5.65	6.18	4.08	5.68	5.58	7.27
59	11	Belarus	X	5.59	6.62	2.50	5.70	7.37	6.79
60	-1	Brazil		5.58	6.05	4.17	6.31	5.61	6.24

Rank	Country	x	KEI	KI	Economic Incentive Regime	Innovation	Education	ICT
61	Dominica	X	5.56	5.50	5.73	4.38	4.87	7.25
62	1 Mauritius		5.52	4.62	8.22	4.41	4.33	5.11
63	-19 Argentina		5.43	6.54	2.09	6.90	6.36	6.38
64	-18 Kuwait		5.33	5.15	5.86	5.22	3.70	6.53
65	-15 Panama		5.30	5.32	5.26	5.13	5.16	5.67
66	-6 Thailand		5.21	5.25	5.12	5.95	4.23	5.55
67	-15 South Africa		5.21	5.11	5.49	6.89	4.87	3.58
68	7 Georgia	X	5.19	4.49	7.28	5.15	4.61	3.72
69	-7 Turkey		5.16	4.81	6.19	5.83	4.11	4.50
70	Bosnia and Herzegovina	X	5.12	4.97	5.55	4.38	5.77	4.77
71	-13 Armenia		5.08	4.84	5.80	4.21	6.96	3.35
72	-11 Mexico		5.07	5.13	4.88	5.59	5.16	4.65
73	5 Kazakhstan		5.04	5.40	3.96	3.97	6.91	5.32
74	-8 Peru		5.01	4.85	5.48	4.11	5.25	5.18
75	-18 Jordan		4.95	4.71	5.65	4.05	5.55	4.54
76	3 Colombia		4.94	5.18	4.25	4.68	5.28	5.57
77	-8 Moldova		4.92	5.08	4.44	4.16	5.79	5.28
78	3 Guyana	X	4.67	5.35	2.62	4.77	5.43	5.84
79	15 Azerbaijan	X	4.56	4.96	3.36	4.01	5.95	4.93
80	9 Tunisia		4.56	4.80	3.81	4.97	4.55	4.89
81	-13 Lebanon	X	4.56	4.65	4.28	4.86	5.51	3.58
82	14 Albania		4.53	4.48	4.69	3.37	4.81	5.26
83	3 Mongolia		4.42	4.45	4.30	2.91	5.83	4.63
84	7 China		4.37	4.57	3.79	5.99	3.93	3.79
85	-18 Botswana		4.31	3.81	5.82	4.26	3.92	3.23
86	-14 Venezuela, RB		4.20	5.47	0.42	5.33	5.36	5.71
87	-4 Cuba	X	4.19	5.10	1.44	5.05	7.93	2.34
88	-4 El Salvador		4.17	3.88	5.05	3.10	3.53	5.00
89	-9 Namibia		4.10	3.38	6.26	3.72	2.71	3.71
90	-5 Dominican Republic		4.05	4.08	3.96	3.56	3.89	4.79

Rank		Country	x	KEI	KI	Economic Incentive Regime	Innovation	Education	ICT
91	2	Paraguay		3.95	4.07	3.58	4.07	4.26	3.90
92	-15	Philippines		3.94	3.81	4.32	3.77	4.64	3.03
93	-19	Fiji		3.94	4.60	1.96	4.65	5.27	3.87
94	1	Iran, Islamic Rep.	X	3.91	4.97	0.73	5.02	4.61	5.28
95	-13	Kyrgyz Rep.		3.82	4.57	1.58	3.12	5.32	5.27
96	13	Algeria	X	3.79	4.28	2.33	3.54	5.27	4.04
97	-9	Egypt, Arab Rep.		3.78	3.54	4.50	4.11	3.37	3.12
98	-8	Ecuador		3.72	4.38	1.74	3.95	4.47	4.72
99	0	Guatemala		3.70	3.55	4.16	3.61	2.26	4.79
100	-29	Bolivia		3.68	4.20	2.11	3.31	5.49	3.80
101	-14	Sri Lanka	X	3.63	3.49	4.04	3.06	4.61	2.80
102	-10	Morocco		3.61	3.25	4.66	3.67	2.07	4.02
103	9	Vietnam	X	3.40	3.60	2.80	2.75	2.99	5.05
104	-4	Uzbekistan	X	3.14	3.88	0.92	3.13	5.65	2.87
105	-4	Tajikistan		3.13	3.33	2.55	2.18	4.66	3.14
106	-9	Swaziland		3.13	2.99	3.55	4.36	2.27	2.34
107	-3	Indonesia		3.11	2.99	3.47	3.24	3.20	2.52
108	-10	Honduras		3.08	3.00	3.34	2.63	3.13	3.24
109	-6	India		3.06	2.89	3.57	4.50	2.26	1.90
110	-3	Kenya		2.88	2.91	2.78	3.72	2.10	2.91
111	-1	Syrian Arab Republic	X	2.77	3.01	2.04	3.07	2.40	3.55
112	-7	Ghana		2.72	2.28	4.05	2.24	2.68	1.93
113	-11	Senegal		2.70	2.28	3.97	2.83	1.32	2.68
114	-8	Nicaragua		2.61	2.18	3.93	1.67	2.98	1.88
115	-4	Zambia	X	2.56	2.03	4.15	2.09	2.08	1.93
116	5	Pakistan		2.45	2.63	1.93	2.84	1.44	3.60
117	2	Uganda		2.37	1.84	3.97	2.54	1.09	1.88
118	5	Nigeria	X	2.20	2.51	1.26	2.56	1.62	3.35
119	-6	Zimbabwe	X	2.17	2.85	0.12	3.99	1.99	2.59
120	-12	Lesotho	X	1.95	1.69	2.72	1.82	1.71	1.54

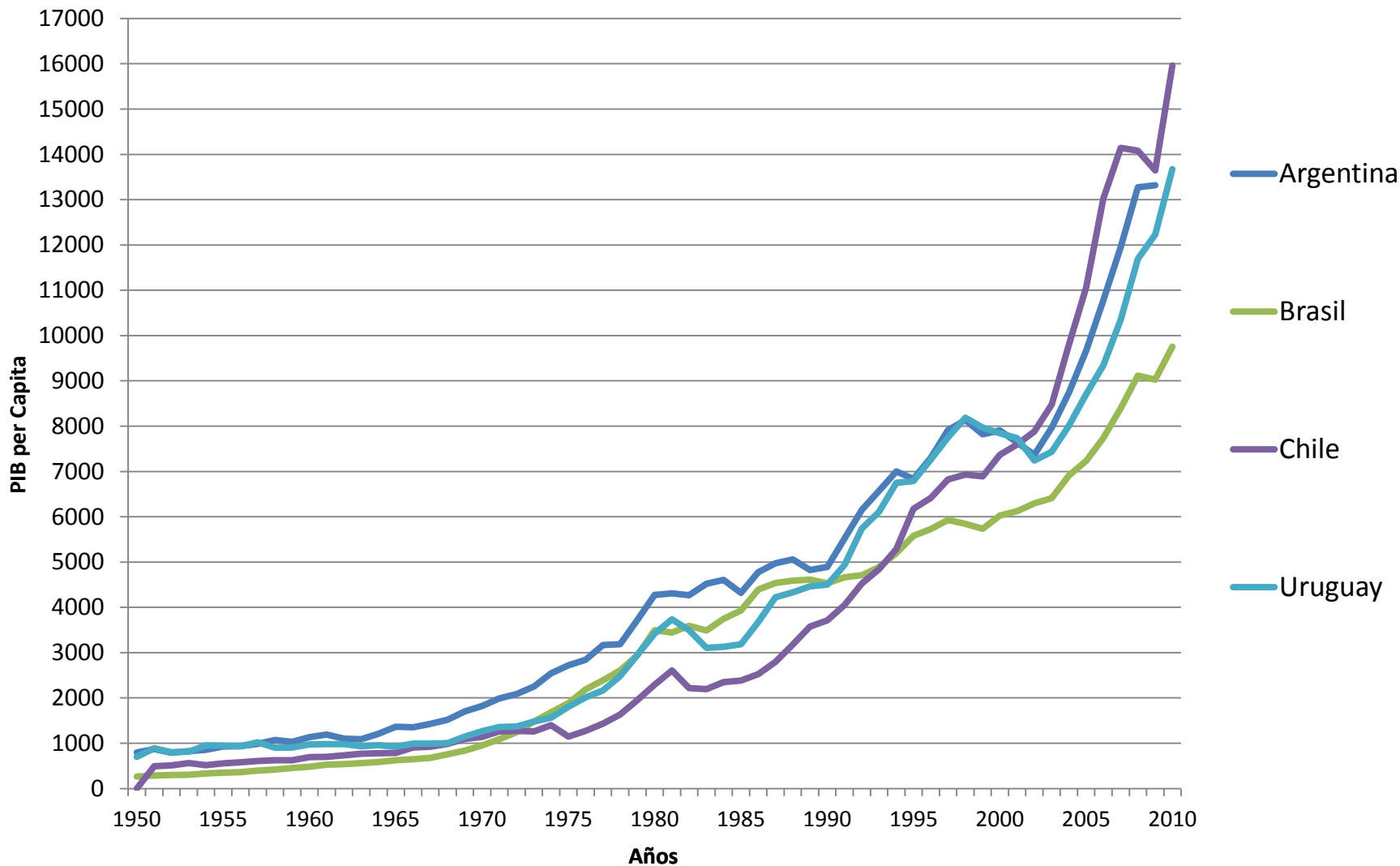
Rank	Country	x	KEI	KI	Economic Incentive Regime	Innovation	Education	ICT
121	6 Yemen, Rep.		1.92	1.58	2.91	1.96	1.62	1.17
122	-6 Malawi	X	1.92	1.45	3.33	2.65	0.54	1.15
123	9 Burkina Faso	X	1.91	1.06	4.46	2.14	0.28	0.76
124	-10 Benin		1.88	1.79	2.15	2.80	1.10	1.47
125	-7 Mali		1.86	1.31	3.49	1.82	1.05	1.05
126	14 Rwanda		1.83	1.14	3.89	1.73	0.77	0.92
127	-2 Tanzania		1.79	1.36	3.07	1.98	0.83	1.26
128	-2 Madagascar	X	1.77	1.43	2.79	2.37	0.84	1.10
129	5 Mozambique		1.76	0.99	4.05	1.76	0.17	1.05
130	-2 Lao PDR		1.75	1.84	1.45	1.69	2.01	1.84
131	-16 Cambodia		1.71	1.52	2.28	2.13	1.70	0.74
132	-15 Cameroon		1.69	1.85	1.21	2.61	1.39	1.56
133	-11 Mauritania	X	1.65	1.52	2.05	1.68	0.71	2.18
134	-10 Nepal	X	1.58	1.66	1.33	2.23	1.73	1.01
135	-15 Cote d'Ivoire		1.54	1.54	1.53	1.62	0.91	2.09
136	-3 Bangladesh		1.49	1.48	1.51	1.69	1.75	1.01
137	1 Sudan	X	1.48	1.82	0.48	1.44	0.84	3.16
138	-3 Djibouti	X	1.34	1.17	1.85	1.44	0.73	1.33
139	-2 Ethiopia	X	1.27	1.17	1.56	1.85	1.05	0.62
140	-9 Guinea	X	1.22	1.44	0.53	1.32	1.75	1.26
141	-11 Eritrea	X	1.14	1.21	0.93	1.89	0.69	1.05
142	-1 Angola	X	1.08	0.95	1.48	1.17	0.32	1.38
143	-4 Sierra Leone		0.97	0.84	1.38	1.63	0.57	0.32
144	-8 Myanmar	X	0.96	1.22	0.17	1.30	1.88	0.48
145	-16 Haiti	X	n/a	n/a	1.85	1.66	n/a	2.36

Rank	Country	x	KEI	KI	Economic Incentive Regime	Innovation	Education	ICT	
<b>Regions</b>									
1	0	North America		8.80	8.70	9.11	9.45	8.13	8.51
2	0	Europe and Central Asia		7.47	7.64	6.95	8.28	7.13	7.50
3	1	East Asia and the Pacific	X	5.32	5.17	5.75	7.43	3.94	4.14
4	1	Latin America		5.15	5.31	4.66	5.80	5.11	5.02
5	-2	World		5.12	5.01	5.45	7.72	3.72	3.58
6	0	Middle East and N. Africa		4.74	4.51	5.41	6.14	3.48	3.92
7	1	South Asia		2.84	2.77	3.05	4.23	2.17	1.90
8	-1	Africa		2.55	2.43	2.91	3.95	1.44	1.90
<b>Income Groups</b>									
1	0	High Income		8.60	8.67	8.39	9.16	8.46	8.37
2	0	Upper Middle Income		5.10	5.07	5.18	6.21	4.72	4.28
3	0	Lower Middle Income	X	3.42	3.45	3.32	4.90	2.84	2.62
4	0	Low Income		1.58	1.58	1.61	2.13	1.54	1.05
<b>Human Development Groups</b>									
Fuente: The World Bank Group (2012) KEI and KI Index (KAM 2012)									



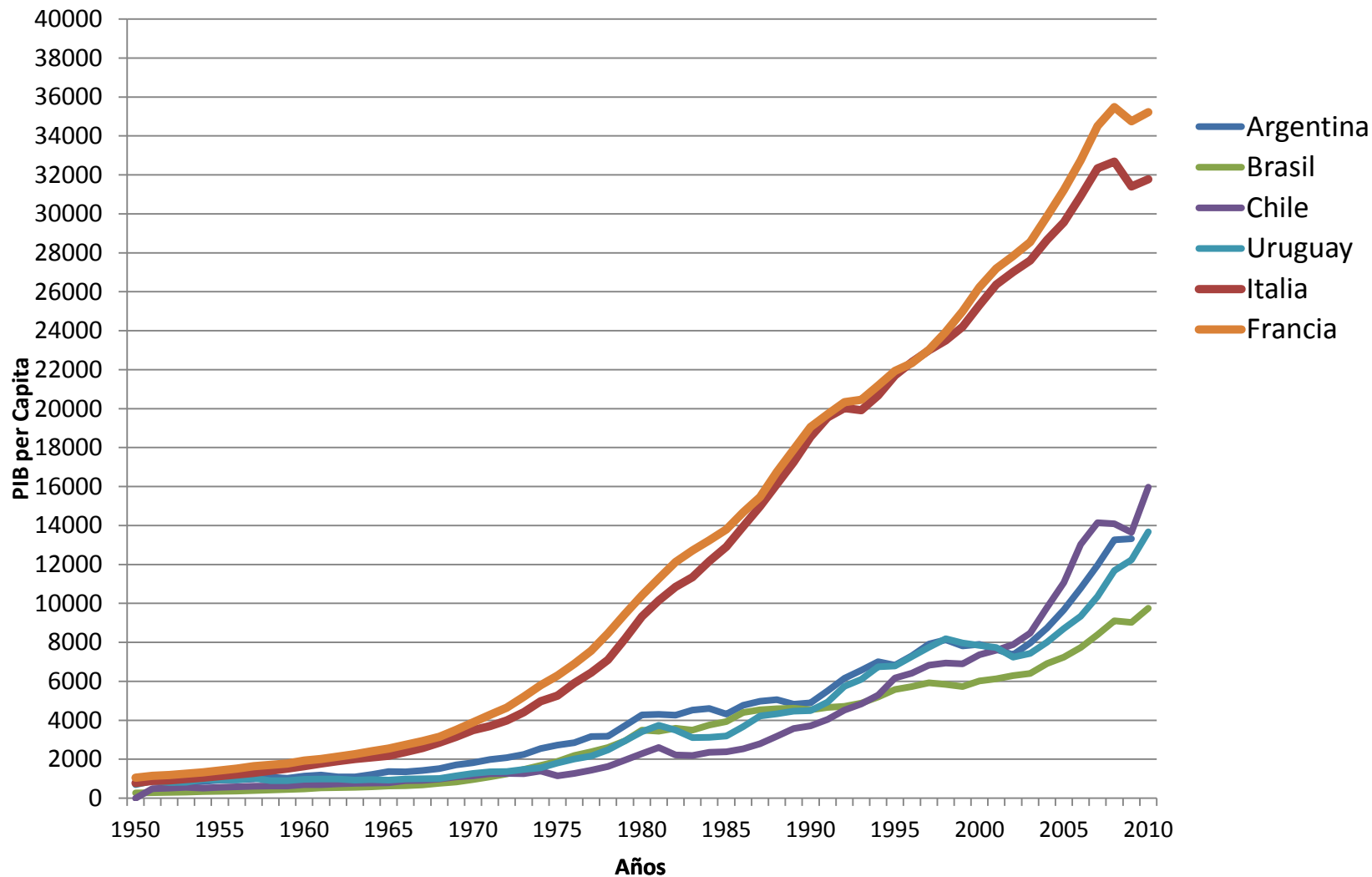
# Crecimiento de los países

# Evolución del PIB per capita en US (Dólares Corrientes) en Paridad de Poderes de Compra (1950-2010)



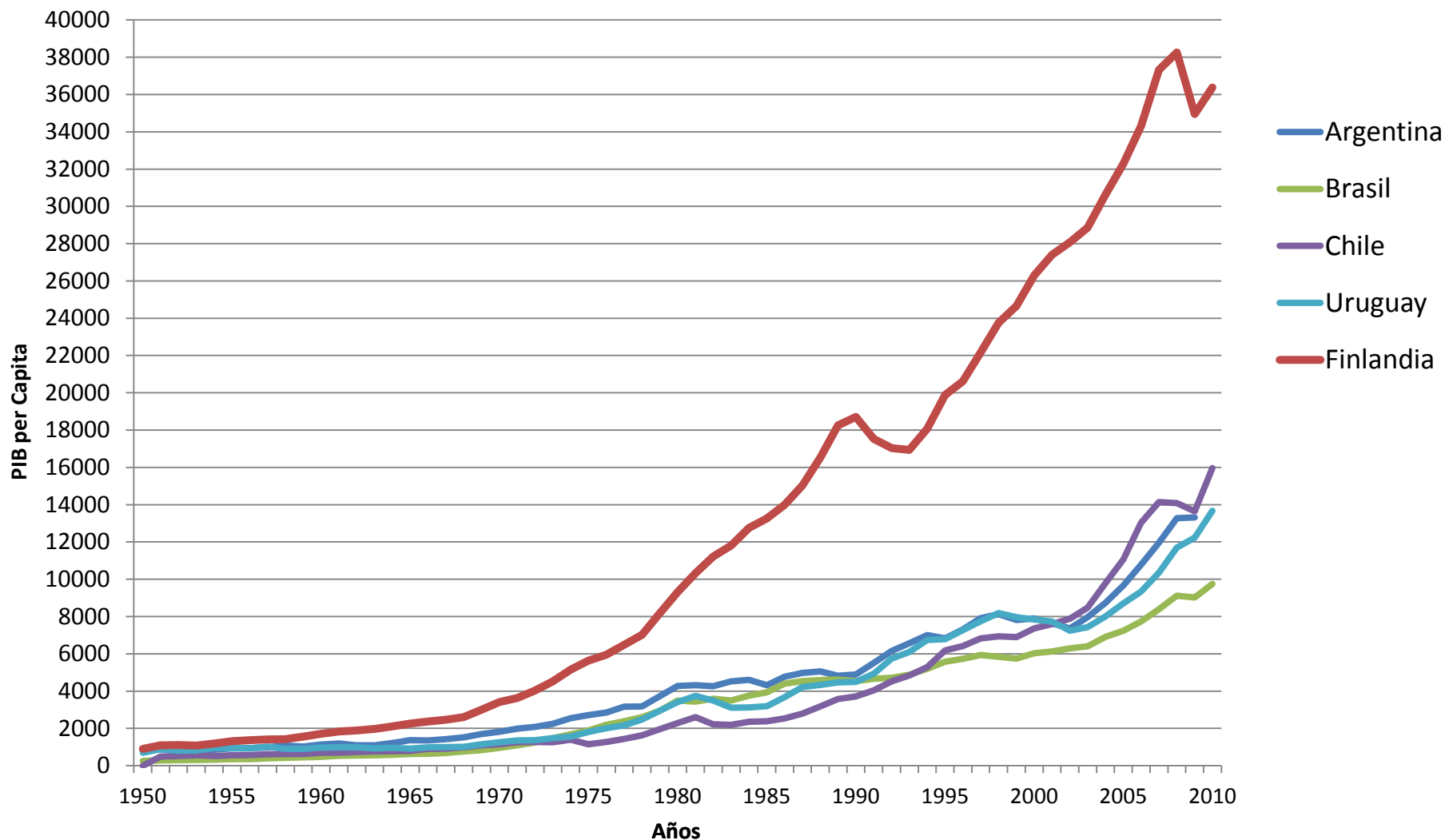
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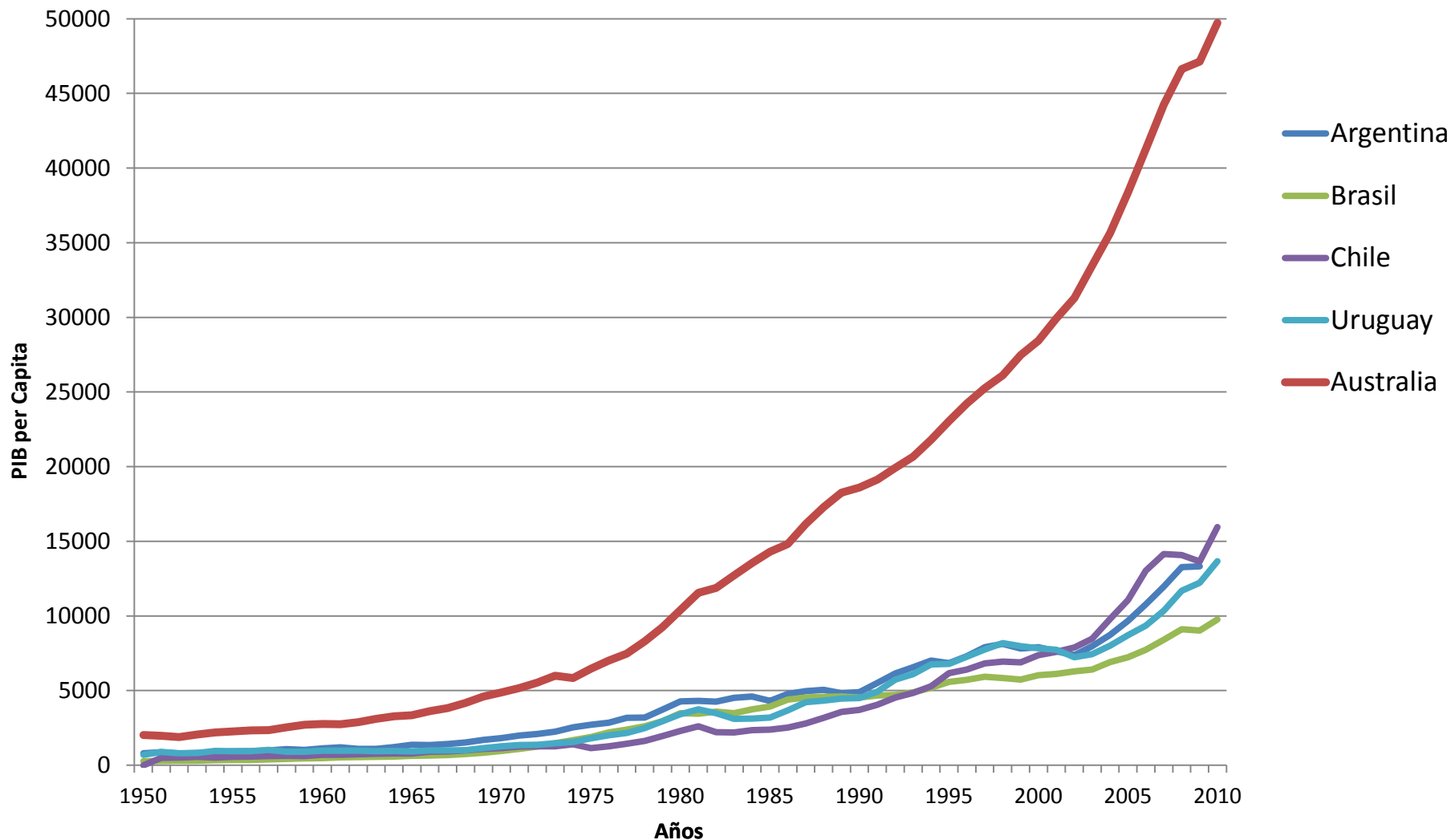
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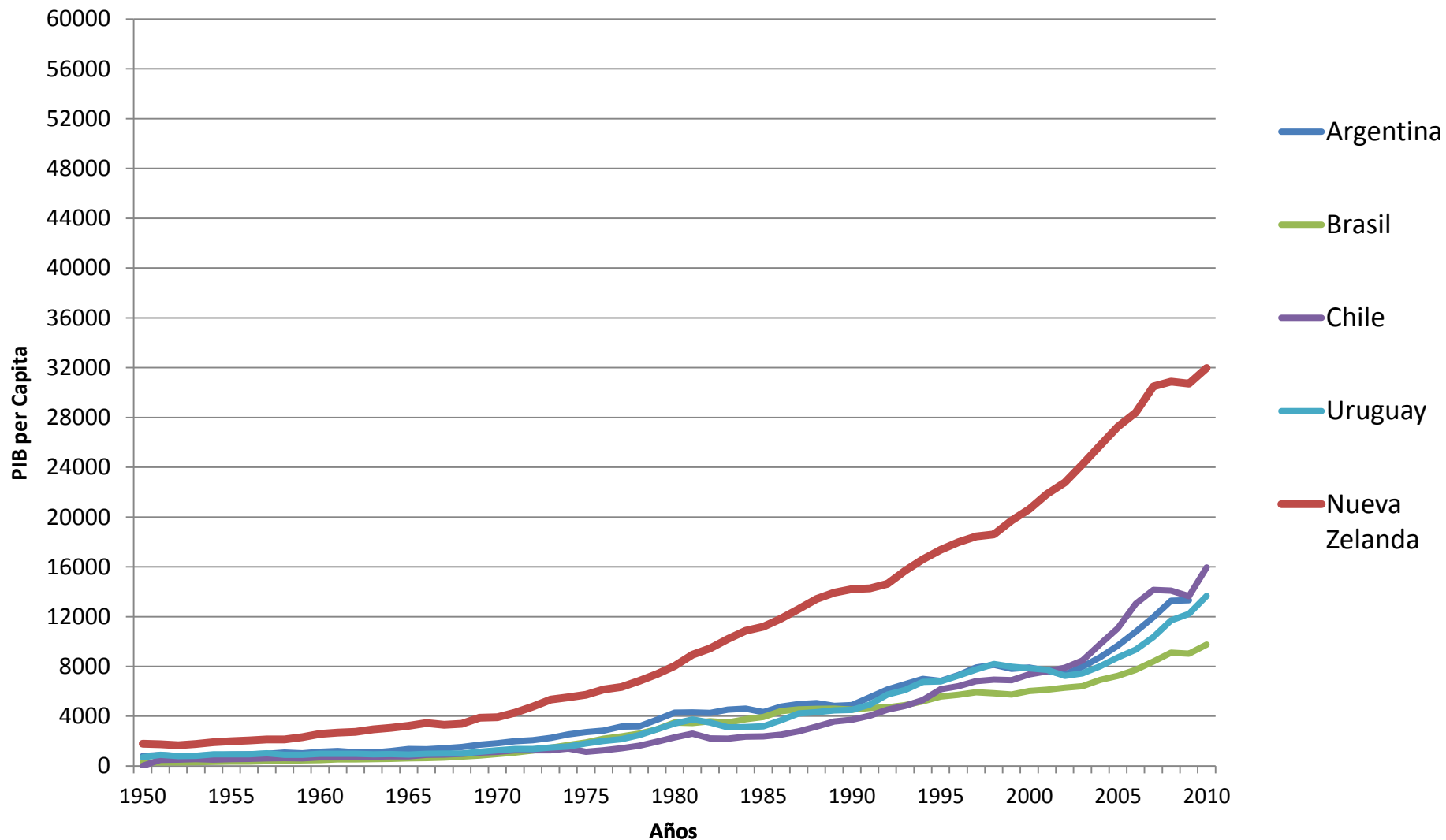
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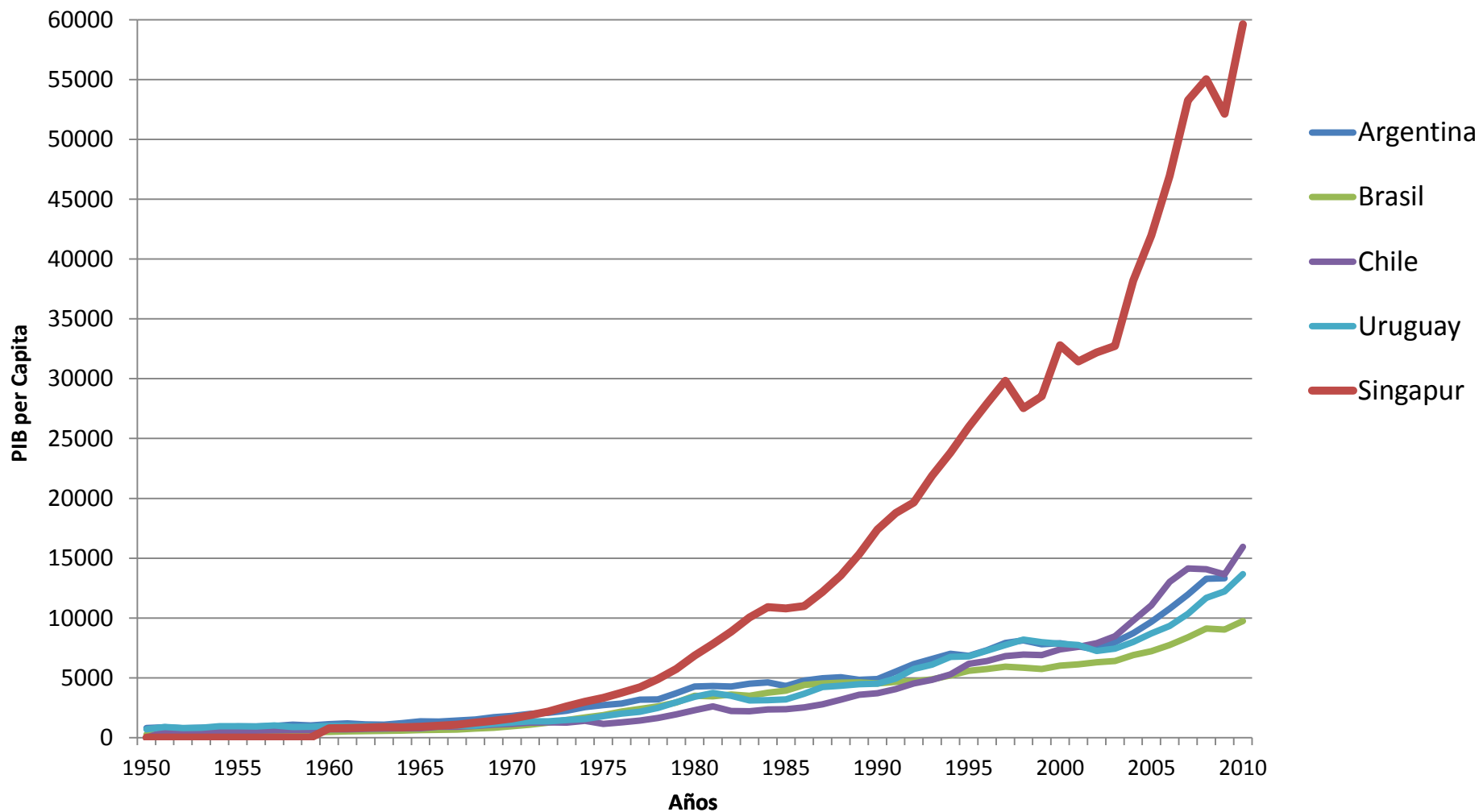
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**Innovación**



# [ ¿Qué es la Innovación? ]

- En términos simples, innovación es un simple **cambio** para mejorar.

# [ ¿Qué es la Innovación? ]

- Para Joseph A. Schumpeter, Innovación es:

“Nuevas combinaciones de recursos”

# [ ¿Qué es la Innovación? ]

- Para nosotros es:

La explotación exitosa de  
una nueva idea

# [ ¿Qué es la Innovación? ]

O sea, para nosotros importa:

- Novedad
- Idea
- Creación de valor
- Concreción

# Productividad

# Medidas de la productividad

<i>Type of output measure</i>	<i>Type of input measure</i>			
	<i>Labour</i>	<i>Capital</i>	<i>Capital and labour</i>	<i>Capital, labour and intermediate inputs (energy, materials, services)</i>
<i>Gross output</i>	Labour productivity (based on gross output)	Capital productivity (based on gross output)	Capital-labour MFP (based on gross output)	KLEMS multifactor productivity
<i>Value added</i>	Labour productivity (based on value added)	Capital productivity (based on value added)	Capital-labour MFP (based on value added)	-
	<i>Single factor productivity measures</i>		<i>Multifactor productivity (MFP) measures</i>	

Fuente: Measuring Manual, OECD (2001)

[ Solow (1956, 1953) ]

$$Y = A(L^\alpha, K)^{(1-\alpha)}$$

# [ Productividad Total de los Factores ]

- Hulton (2001)
  - “El modo de capturar la eficiencia de los insumos en términos de productos”



# [ Productividad Total de los Factores ]

- OECD (2001)

- “...a menudo medida en forma residual como aquel cambio en el producto que no puede ser contabilizado por un cambio en los insumos combinados”

# [ Productividad Total de los Factores ]

- Paul Krugman

- “La productividad no es todo, pero en el largo plazo es casi todo.”

# **Competitividad**

# [ Competitividad ]

- OECD

- “Es una medida de las ventajas o desventajas de un país en vender sus productos en los mercados internacionales.”

# [ IMD (Definición condensada) ]

- “La competitividad analiza como las naciones y las empresas administran la totalidad de sus competencias a efectos de obtener la prosperidad o el beneficio.”

# [ IMD (Definición académica) ]

- “La competitividad de las naciones es un campo de la teoría económica que analiza los hechos y políticas que dan forma a la habilidad de una nación para crear y mantener un marco ambiental que sostenga una mayor creación de valor para sus empresas y prosperidad para su población.”

# [ WCY ]

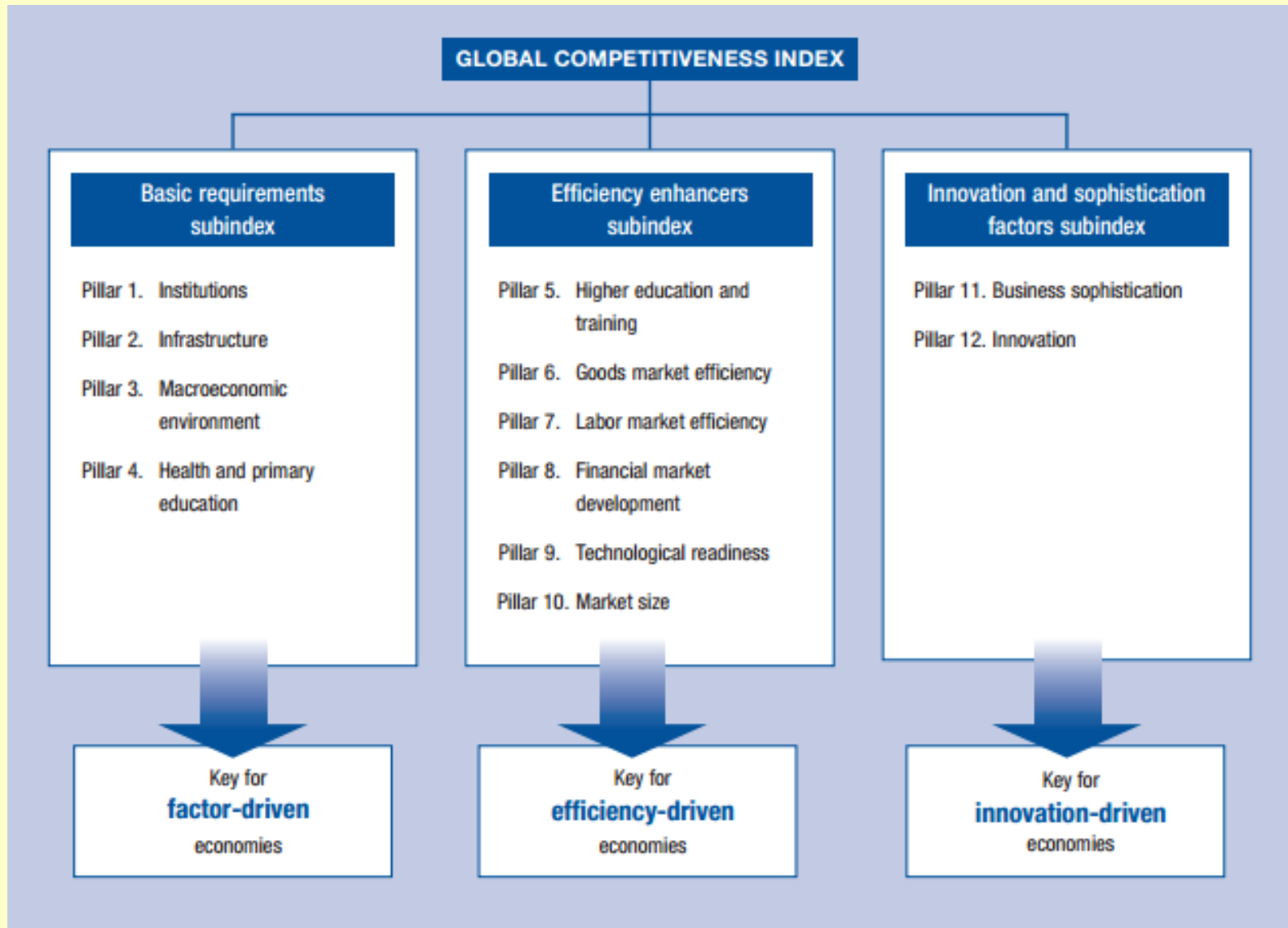
- Performance Económica
- Eficiencia del Gobierno
- Eficiencia de los Negocios
- Infraestructura

# Global Competitiveness Report 2014 - 2015

- Define la competitividad como:  
“ el set de instituciones, políticas y factores que determinan el nivel de productividad de un país”



# The Global Competitiveness Index Framework



# Countries/economies at each stage of development

Stage 1: Factor-driven (38 economies)	Transition from stage 1 to stage 2 (20 economies)	Stage 2: Efficiency-driven (31 economies)	Transition from stage 2 to stage 3 (22 economies)	Stage 3: Innovation-driven (37 economies)
Bangladesh	Algeria	Albania	Argentina	Australia
Benin	Angola	Bosnia and Herzegovina	Barbados	Austria
Burkina Faso	Armenia	Bulgaria	Brazil	Bahrain
Burundi	Azerbaijan	Cape Verde	Chile	Belgium
Cambodia	Bhutan	China	Costa Rica	Canada
Cameroon	Bolivia	Colombia	Croatia	Cyprus
Chad	Botswana	Dominican Republic	Estonia	Czech Republic
Côte d'Ivoire	Brunei Darussalam	Ecuador	Hungary	Denmark
Ethiopia	Gabon	Egypt	Kazakhstan	Finland
Gambia, The	Honduras	El Salvador	Latvia	France
Ghana	Iran, Islamic Rep.	Georgia	Lebanon	Germany
Guinea	Kuwait	Guatemala	Lithuania	Greece
Haiti	Libya	Guyana	Malaysia	Hong Kong SAR
India	Moldova	Indonesia	Mexico	Iceland
Kenya	Mongolia	Jamaica	Oman	Ireland
Kyrgyz Republic	Morocco	Jordan	Panama	Israel
Lao PDR	Philippines	Macedonia, FYR	Poland	Italy
Lesotho	Saudi Arabia	Mauritius	Russian Federation	Japan
Liberia	Sri Lanka	Montenegro	Seychelles	Korea, Rep.
Madagascar	Venezuela	Namibia	Slovak Republic	Luxembourg
Malawi		Paraguay	Turkey	Malta
Mali		Peru	Uruguay	Netherlands
Mauritania		Romania		New Zealand
Mozambique		Serbia		Norway
Myanmar		South Africa		Portugal
Nepal		Suriname		Puerto Rico
Nicaragua		Swaziland		Qatar
Nigeria		Thailand		Singapore
Pakistan		Timor-Leste		Slovenia
Rwanda		Tunisia		Spain
Senegal		Ukraine		Sweden
Sierra Leone				Switzerland
Tanzania				Taiwan, China
Uganda				Trinidad and Tobago
Vietnam				United Arab Emirates
Yemen				United Kingdom
Zambia				United States
Zimbabwe				

Fuente: Global Competitiveness Report, 2014-15

# The Global Competitiveness Index 2014–2015 rankings and 2013–2014 comparisons

Country/Economy	GCI 2014–2015				Country/Economy	GCI 2014–2015			
	Rank (out of 144)	Score (1–7)	Rank among 2013–2014 economies*	GCI 2013–2014 rank (out of 148)†		Rank (out of 144)	Score (1–7)	Rank among 2013–2014 economies*	GCI 2013–2014 rank (out of 148)†
Switzerland	1	5.70	1	1	Sri Lanka	73	4.19	73	65
Singapore	2	5.65	2	2	Botswana	74	4.15	74	74
United States	3	5.54	3	5	Slovak Republic	75	4.15	75	78
Finland	4	5.50	4	3	Ukraine	76	4.14	76	84
Germany	5	5.49	5	4	Croatia	77	4.13	77	75
Japan	6	5.47	6	9	Guatemala	78	4.10	78	86
Hong Kong SAR	7	5.46	7	7	Algeria	79	4.08	79	100
Netherlands	8	5.45	8	8	Uruguay	80	4.04	80	85
United Kingdom	9	5.41	9	10	Greece	81	4.04	81	91
Sweden	10	5.41	10	6	Moldova	82	4.03	82	89
Norway	11	5.35	11	11	Iran, Islamic Rep.	83	4.03	83	82
United Arab Emirates	12	5.33	12	19	El Salvador	84	4.01	84	97
Denmark	13	5.29	13	15	Armenia	85	4.01	85	79
Taiwan, China	14	5.25	14	12	Jamaica	86	3.98	86	94
Canada	15	5.24	15	14	Tunisia	87	3.96	87	83
Qatar	16	5.24	16	13	Namibia	88	3.96	88	90
New Zealand	17	5.20	17	18	Trinidad and Tobago	89	3.95	89	92
Belgium	18	5.18	18	17	Kenya	90	3.93	90	96
Luxembourg	19	5.17	19	22	Tajikistan	91	3.93	n/a	n/a
Malaysia	20	5.16	20	24	Seychelles	92	3.91	91	80
Austria	21	5.16	21	16	Lao PDR	93	3.91	92	81
Australia	22	5.08	22	21	Serbia	94	3.90	93	101
France	23	5.08	23	23	Cambodia	95	3.89	94	88
Saudi Arabia	24	5.06	24	20	Zambia	96	3.86	95	93
Ireland	25	4.98	25	28	Albania	97	3.84	96	95
Korea, Rep.	26	4.96	26	25	Mongolia	98	3.83	97	107
Israel	27	4.95	27	27	Nicaragua	99	3.82	98	99
China	28	4.89	28	29	Honduras	100	3.82	99	111
Estonia	29	4.71	29	32	Dominican Republic	101	3.82	100	105
Iceland	30	4.71	30	31	Nepal	102	3.81	101	117
Thailand	31	4.66	31	37	Bhutan	103	3.80	102	109
Puerto Rico	32	4.64	32	30	Argentina	104	3.79	103	104
Chile	33	4.60	33	34	Bolivia	105	3.77	104	98

Indonesia	34	4.57	34	38
Spain	35	4.55	35	35
Portugal	36	4.54	36	51
Czech Republic	37	4.53	37	46
Azerbaijan	38	4.53	38	39
Mauritius	39	4.52	39	45
Kuwait	40	4.51	40	36
Lithuania	41	4.51	41	48
Latvia	42	4.50	42	52
Poland	43	4.48	43	42
Bahrain	44	4.48	44	43
Turkey	45	4.46	45	44
Oman	46	4.46	46	33
Malta	47	4.45	47	41
Panama	48	4.43	48	40
Italy	49	4.42	49	49
Kazakhstan	50	4.42	50	50
Costa Rica	51	4.42	51	54
Philippines	52	4.40	52	59
Russian Federation	53	4.37	53	64
Bulgaria	54	4.37	54	57
Barbados	55	4.36	55	47
South Africa	56	4.35	56	53
Brazil	57	4.34	57	56
Cyprus	58	4.31	58	58
Romania	59	4.30	59	76
Hungary	60	4.28	60	63
Mexico	61	4.27	61	55
Rwanda	62	4.27	62	66
Macedonia, FYR	63	4.26	63	73
Jordan	64	4.25	64	68
Peru	65	4.24	65	61
Colombia	66	4.23	66	69
Montenegro	67	4.23	67	67
Vietnam	68	4.23	68	70
Georgia	69	4.22	69	72
Slovenia	70	4.22	70	62
India	71	4.21	71	60
Morocco	72	4.21	72	77

Gabon	106	3.74	105	112
Lesotho	107	3.73	106	123
Kyrgyz Republic	108	3.73	107	121
Bangladesh	109	3.72	108	110
Suriname	110	3.71	109	106
Ghana	111	3.71	110	114
Senegal	112	3.70	111	113
Lebanon	113	3.68	112	103
Cape Verde	114	3.68	113	122
Côte d'Ivoire	115	3.67	114	126
Cameroon	116	3.66	115	115
Guyana	117	3.65	116	102
Ethiopia	118	3.60	117	127
Egypt	119	3.60	118	118
Paraguay	120	3.59	119	119
Tanzania	121	3.57	120	125
Uganda	122	3.56	121	129
Swaziland	123	3.55	122	124
Zimbabwe	124	3.54	123	131
Gambia, The	125	3.53	124	116
Libya	126	3.48	125	108
Nigeria	127	3.44	126	120
Mali	128	3.43	127	135
Pakistan	129	3.42	128	133
Madagascar	130	3.41	129	132
Venezuela	131	3.32	130	134
Malawi	132	3.25	131	136
Mozambique	133	3.24	132	137
Myanmar	134	3.24	133	139
Burkina Faso	135	3.21	134	140
Timor-Leste	136	3.17	135	138
Haiti	137	3.14	136	143
Sierra Leone	138	3.10	137	144
Burundi	139	3.09	138	146
Angola	140	3.04	139	142
Mauritania	141	3.00	140	141
Yemen	142	2.96	141	145
Chad	143	2.85	142	148
Guinea	144	2.79	143	147

\* This column ranks all those economies for 2014–2015 that have been covered both in the 2013–2014 and 2014–2015 editions, hence a constant sample of 143 economies. Tajikistan was not included in the analysis last year, and therefore appears as n/a.

† The 2013–2014 edition of the *Global Competitiveness Report* covered 148 economies.

FIG. D1. Ricardo Pascale

Muchas gracias.