IESE Cities in Motion Index

Carlos Carrasco
Researcher – IESE Business School

JRC Week on Composite Indicators and Scoreboards, Ispra, November 2019

IESE Cities in Motion Index

About Us

MBA rankings

#3

in world
2017

Bloomberg Businessweek

#1

in Europe
2018

The Economist

#9

Global Executive MBA
2018

Financial Times

Executive Education rankings

#1

in world
2015 | 2016 | 2017 | 2018 | 2019

Executive Education Programs

Financial Times

#3

in world
2018

Open Enrollment Programs

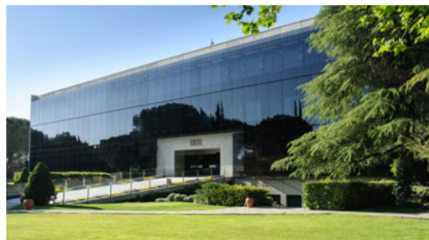*Financial Times*

#1

in world
2015 | 2016 | 2017 | 2018 | 2019

Custom Programs

Financial Times

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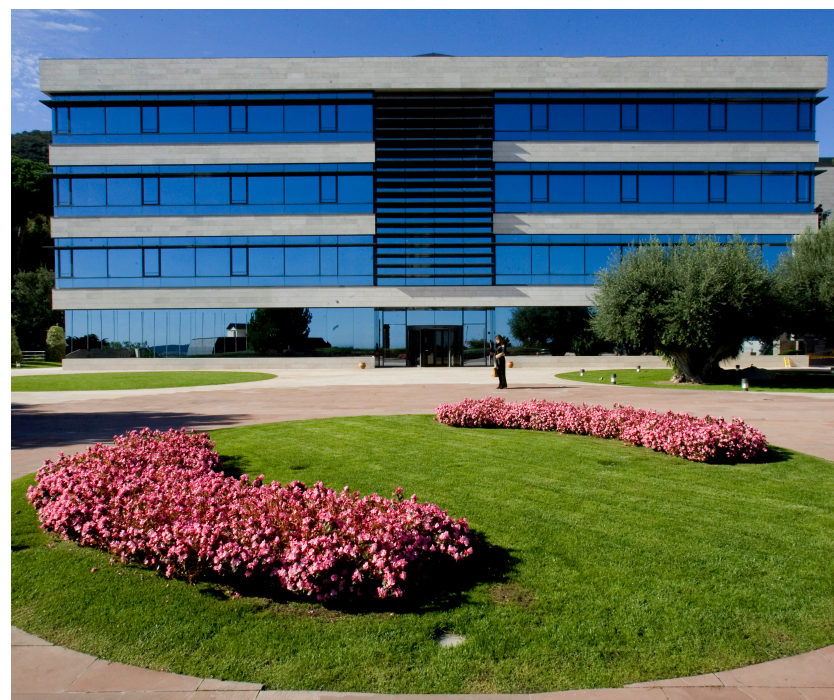
About Us

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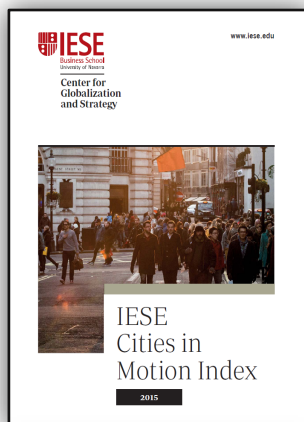

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NEW YORK

IESE CAMPUS
SÃO PAULO

IESE CAMPUS
BARCELONA

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Sixth Edition

IESE Business School

4

A Way to Learn. A Mark to Make. A World to Change.
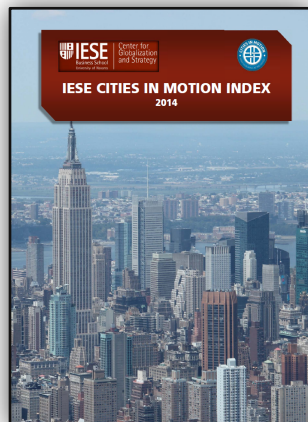
IESE Cities in Motion Index

Key Facts

9
DIMENSIONS

174
CITIES

96
VARIABLES

Human Capital
Social Cohesion
Economy
Governance
Environment
Mobility
Urban Planning
International Outreach
Technology

79 Capital Cities
80 Countries

General Ranking
Ranking by Dimension
Ranking by Region
Dynamic Analysis

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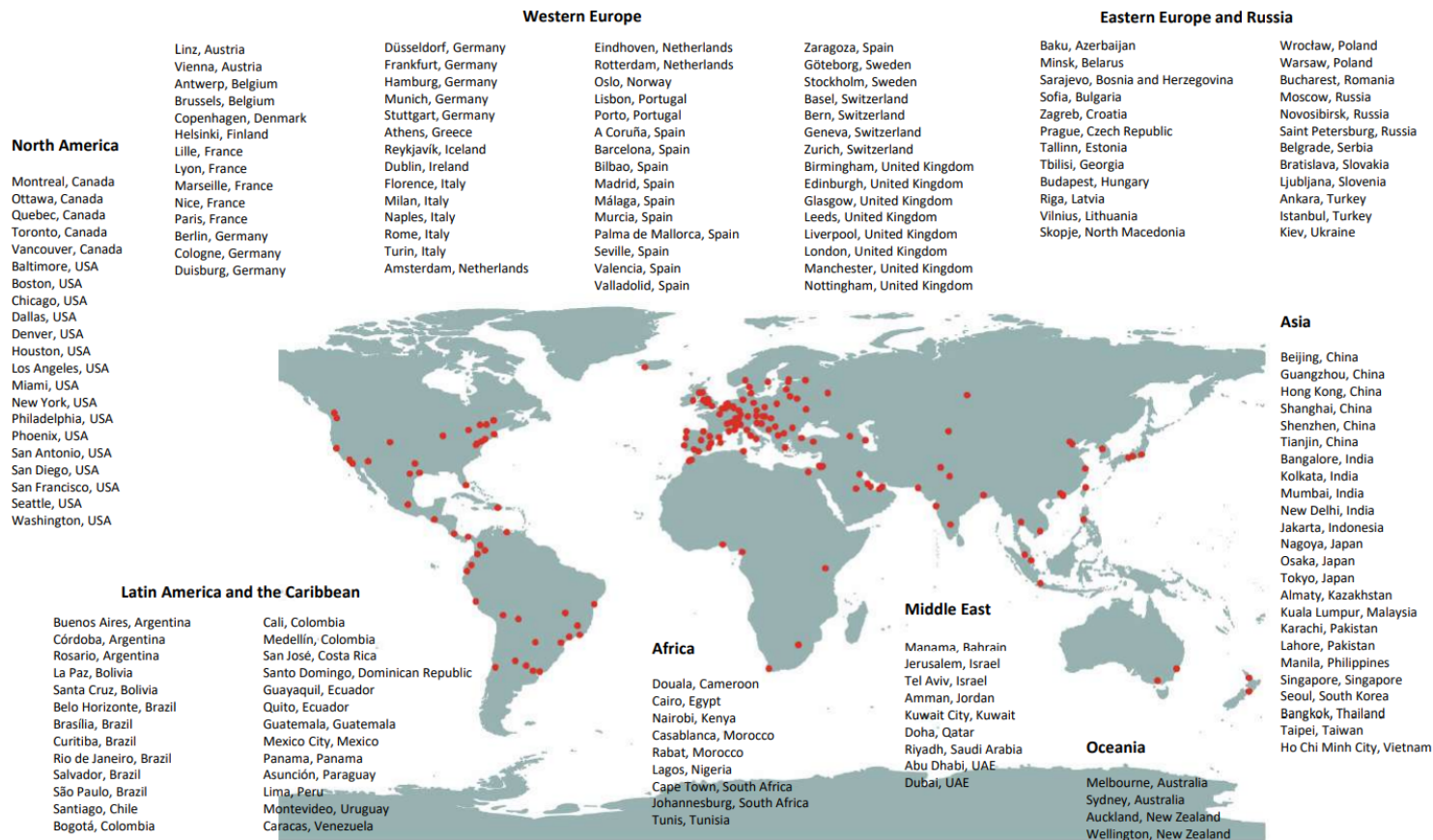
Geographical Distribution of the Cities Included in the Index: 174 cities

North America

Montreal, Canada
Ottawa, Canada
Quebec, Canada
Toronto, Canada
Vancouver, Canada
Baltimore, USA
Boston, USA
Chicago, USA
Dallas, USA
Denver, USA
Houston, USA
Los Angeles, USA
Miami, USA
New York, USA
Philadelphia, USA
Phoenix, USA
San Antonio, USA
San Diego, USA
San Francisco, USA
Seattle, USA
Washington, USA

Western Europe

Linz, Austria
Vienna, Austria
Antwerp, Belgium
Brussels, Belgium
Copenhagen, Denmark
Helsinki, Finland
Lille, France
Lyon, France
Marseille, France
Nice, France
Paris, France
Berlin, Germany
Cologne, Germany
Duisburg, Germany

Düsseldorf, Germany
Frankfurt, Germany
Hamburg, Germany
Munich, Germany
Stuttgart, Germany
Athens, Greece
Reykjavík, Iceland
Dublin, Ireland
Florence, Italy
Milan, Italy
Naples, Italy
Rome, Italy
Turin, Italy
Amsterdam, Netherlands

Eindhoven, Netherlands
Rotterdam, Netherlands
Oslo, Norway
Lisbon, Portugal
Porto, Portugal
A Coruña, Spain
Barcelona, Spain
Bilbao, Spain
Madrid, Spain
Málaga, Spain
Murcia, Spain
Palma de Mallorca, Spain
Seville, Spain
Valencia, Spain
Valladolid, Spain

Zaragoza, Spain
Göteborg, Sweden
Stockholm, Sweden
Basel, Switzerland
Bern, Switzerland
Geneva, Switzerland
Zurich, Switzerland
Birmingham, United Kingdom
Edinburgh, United Kingdom
Glasgow, United Kingdom
Leeds, United Kingdom
Liverpool, United Kingdom
London, United Kingdom
Manchester, United Kingdom
Nottingham, United Kingdom

Eastern Europe and Russia

Baku, Azerbaijan
Minsk, Belarus
Sarajevo, Bosnia and Herzegovina
Sofia, Bulgaria
Zagreb, Croatia
Prague, Czech Republic
Tallinn, Estonia
Tbilisi, Georgia
Budapest, Hungary
Riga, Latvia
Vilnius, Lithuania
Skopje, North Macedonia

Wrocław, Poland
Warsaw, Poland
Bucharest, Romania
Moscow, Russia
Novosibirsk, Russia
Saint Petersburg, Russia
Belgrade, Serbia
Bratislava, Slovakia
Ljubljana, Slovenia
Ankara, Turkey
Istanbul, Turkey
Kiev, Ukraine

Asia

Beijing, China
Guangzhou, China
Hong Kong, China
Shanghai, China
Shenzhen, China
Tianjin, China
Bangalore, India
Kolkata, India
Mumbai, India
New Delhi, India
Jakarta, Indonesia
Nagoya, Japan
Osaka, Japan
Tokyo, Japan
Almaty, Kazakhstan
Kuala Lumpur, Malaysia
Karachi, Pakistan
Lahore, Pakistan
Manila, Philippines
Singapore, Singapore
Seoul, South Korea
Bangkok, Thailand
Taipei, Taiwan
Ho Chi Minh City, Vietnam

Latin America and the Caribbean

Buenos Aires, Argentina
Córdoba, Argentina
Rosario, Argentina
La Paz, Bolivia
Santa Cruz, Bolivia
Belo Horizonte, Brazil
Brasília, Brazil
Curitiba, Brazil
Rio de Janeiro, Brazil
Salvador, Brazil
São Paulo, Brazil
Santiago, Chile
Bogotá, Colombia

Cali, Colombia
Medellín, Colombia
San José, Costa Rica
Santo Domingo, Dominican Republic
Guayaquil, Ecuador
Quito, Ecuador
Guatemala, Guatemala
Mexico City, Mexico
Panama, Panama
Asunción, Paraguay
Lima, Peru
Montevideo, Uruguay
Caracas, Venezuela

Africa

Douala, Cameroon
Cairo, Egypt
Nairobi, Kenya
Casablanca, Morocco
Rabat, Morocco
Lagos, Nigeria
Cape Town, South Africa
Johannesburg, South Africa
Tunis, Tunisia

Middle East

Manama, Bahrain
Jerusalem, Israel
Tel Aviv, Israel
Amman, Jordan
Kuwait City, Kuwait
Doha, Qatar
Riyadh, Saudi Arabia
Abu Dhabi, UAE
Dubai, UAE

Oceania

Melbourne, Australia
Sydney, Australia
Auckland, New Zealand
Wellington, New Zealand

IESE Cities in Motion Index

Overall Ranking - 2019

City	Economy	Human capital	Social cohesion	Environment	Governance	Urban planning	International outreach	Technology	Mobility and transportation	Cities in Motion
London - United Kingdom	12	1	45	34	7	9	1	8	3	1
New York - USA	1	3	137	78	26	2	8	11	5	2
Amsterdam - Netherlands	10	36	38	28	27	11	2	7	11	3
Paris - France	8	6	86	54	37	50	3	15	4	4
Reykjavik - Iceland	90	53	18	1	19	108	22	4	46	5
Tokyo - Japan	3	9	49	6	71	24	35	20	29	6
Singapore - Singapore	21	44	47	10	20	31	4	1	67	7
Copenhagen - Denmark	25	28	11	3	12	75	16	10	25	8
Berlin - Germany	50	5	39	47	6	40	5	32	6	9
Vienna - Austria	57	23	31	15	25	45	7	13	7	10
Hong Kong - China	29	17	140	20	21	8	15	2	40	11
Seoul - South Korea	15	14	95	32	39	27	34	6	17	12
Stockholm - Sweden	18	58	60	5	24	48	24	14	21	13
Oslo - Norway	17	71	20	8	52	54	19	17	20	14
Zurich - Switzerland	22	35	1	25	9	68	21	25	55	15
Los Angeles - USA	2	2	82	152	5	14	33	21	134	16
Chicago - USA	7	10	104	130	41	5	18	35	38	17
Toronto - Canada	40	30	76	53	17	1	27	16	58	18
Sydney - Australia	28	29	22	18	22	23	10	26	109	19
Melbourne - Australia	34	33	23	31	4	15	6	40	111	20
San Francisco - USA	4	11	79	122	64	13	36	3	100	21
Helsinki - Finland	32	55	10	12	8	64	39	66	47	22
Washington - USA	5	8	71	141	13	10	40	31	92	23
Madrid - Spain	39	41	55	58	46	33	17	34	9	24
Boston - USA	9	4	84	115	15	21	69	19	131	25
Wellington - New Zealand	31	68	6	2	14	41	79	79	70	26
Munich - Germany	36	63	16	69	32	58	28	38	8	27
Barcelona - Spain	51	46	89	51	29	29	11	24	12	28
Basel - Switzerland	35	54	4	36	11	136	49	57	19	29
Taipei - Taiwan	83	20	3	145	3	12	55	23	10	30

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Ranking by Dimension

THE ENVIRONMENT

1. Reykjavík - Iceland
2. Wellington - New Zealand
3. Copenhagen - Denmark
4. Montevideo - Uruguay
5. Stockholm - Sweden
6. Tokyo - Japan
7. Auckland - New Zealand
8. Oslo - Norway
9. Asunción - Paraguay
10. Singapore - Singapore

GOVERNANCE

1. Bern - Switzerland
2. Geneva - Switzerland
3. Taipei - Taiwan
4. Melbourne - Australia
5. Los Angeles - USA
6. Berlin - Germany
7. London - United Kingdom
8. Helsinki - Finland
9. Zurich - Switzerland
10. San Diego - USA
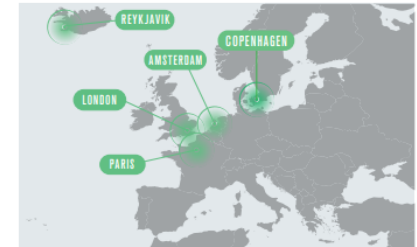
URBAN PLANNING

1. Toronto - Canada
2. New York - USA
3. Vancouver - Canada
4. Kiev - Ukraine
5. Chicago - USA
6. Ottawa - Canada
7. Montreal - Canada
8. Hong Kong - China
9. London - United Kingdom
10. Washington - USA

Ranking by Region

Western Europe Top Five

City	Regional position	Global position 2016	Global position 2017	Global position 2018
London - United Kingdom	1	1	1	1
Amsterdam - Netherlands	2	6	3	3
Paris - France	3	3	4	4
Reykjavík - Iceland	4	4	5	5
Copenhagen - Denmark	5	12	9	8

Latin America Top Five

City	Regional position	Global position 2016	Global position 2017	Global position 2018
Santiago - Chile	1	65	73	66
Buenos Aires - Argentina	2	83	65	77
Montevideo - Uruguay	3	97	97	92
San José - Costa Rica	4	102	108	112
Panama City - Panama	5	110	111	114

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Ranking by Size

Top Five Cities With Fewer Than 600,000 Inhabitants

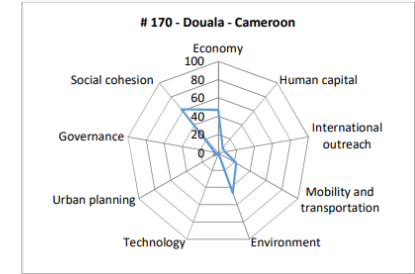| City	Position by size	Global position 2016	Global position 2017	Global position 2018
Reykjavík - Iceland	1	4	5	5
Wellington - New Zealand	2	23	23	26
Basel - Switzerland	3	35	31	29
Bern - Switzerland	4	34	34	31
Geneva - Switzerland	5	33	32	32

Top Five Cities of Between 5 Million and 10 Million Inhabitants

City	Position by size	Global position 2016	Global position 2017	Global position 2018
Singapore - Singapore	1	8	8	7
Berlin - Germany	2	5	7	9
Hong Kong - China	3	19	14	11
Chicago - United States	4	20	21	17
Toronto - Canada	5	14	13	18

Dynamic Analysis
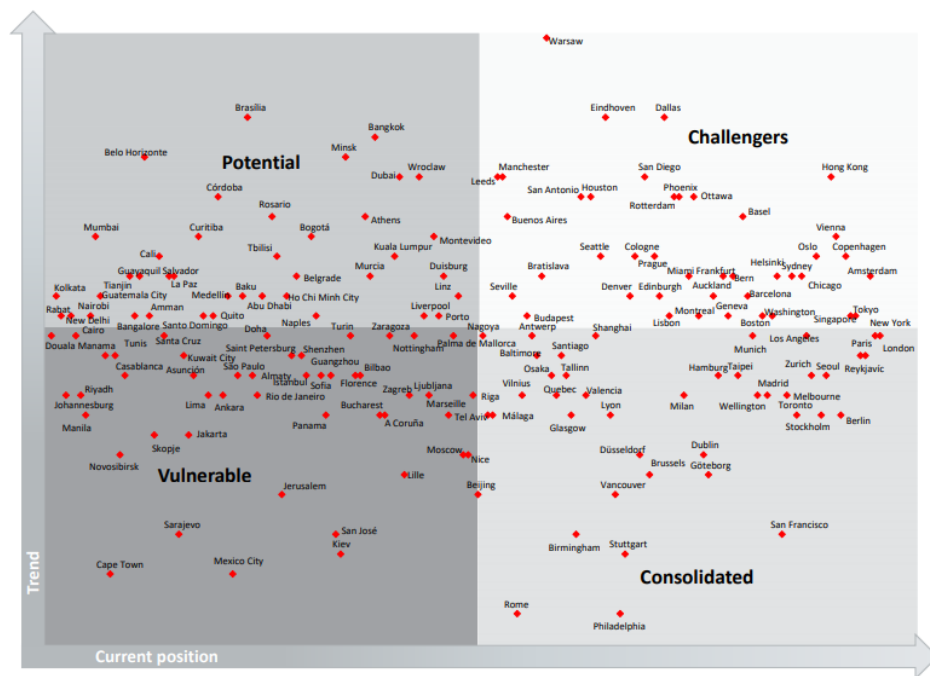
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City Profiles

1 - London - United Kingdom

2 - New York - USA

169 - Kolkata - India

170 - Douala - Cameroon

3 - Amsterdam - Netherlands

4 - Paris - France

171 - Lagos - Nigeria

172 - Caracas - Venezuela

5 - Reykjavík - Iceland

6 - Tokyo - Japan

173 - Lahore - Pakistan

174 - Karachi - Pakistan
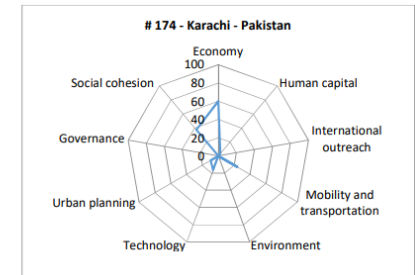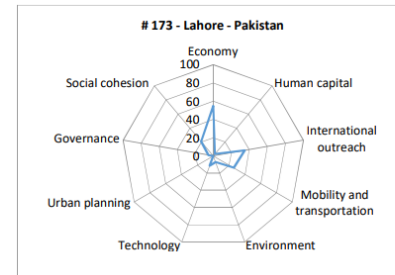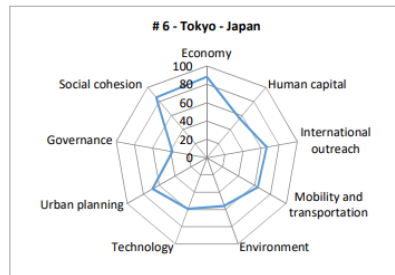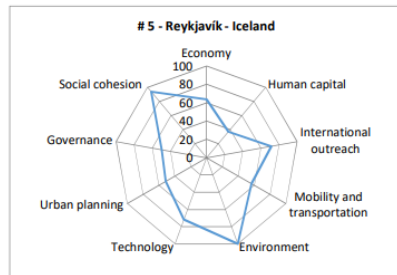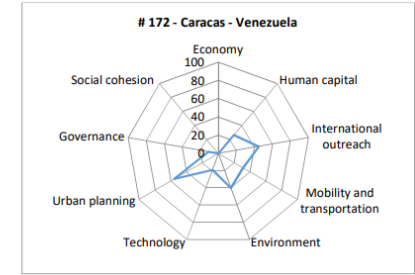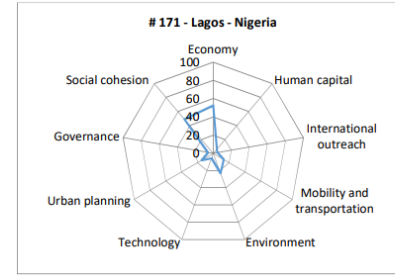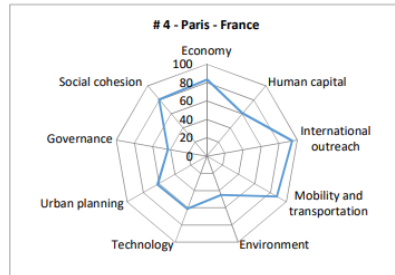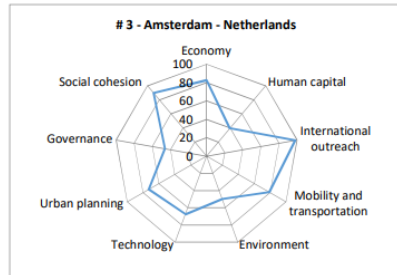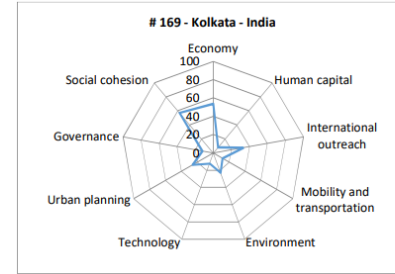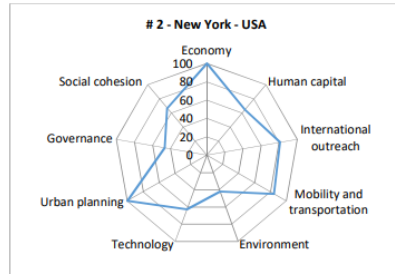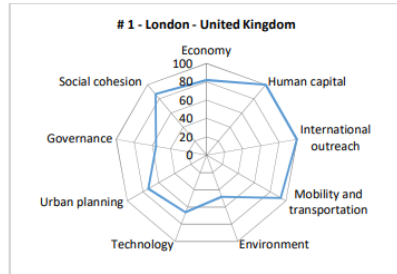
THE IMPORTANCE OF DISSEMINATION

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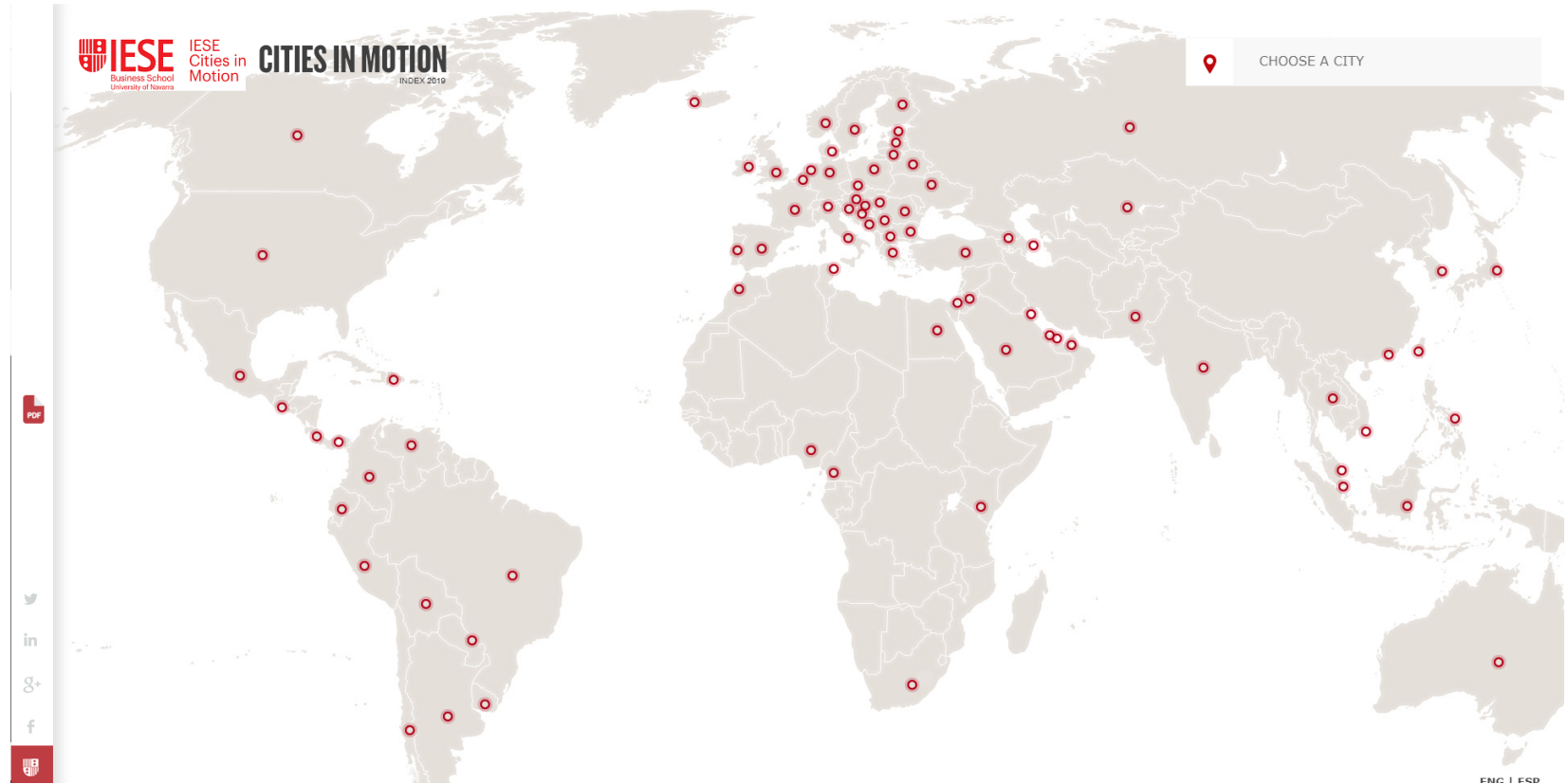
Webpage: https://citiesinmotion.iese.edu/indicecim/?lang=en

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Webpage: https://citiesinmotion.iese.edu/indicecim/?lang=en

IESE Cities in Motion Index

Media Appearances

Chile gana terreno en la formación de ciudades inteligentes

* *El país, reconocido en los LATAM Smart City Awards 2019*
* *Santiago es la ciudad más inteligente de Latinoamérica según IESE Business School*

La ciudad de Valparaíso, en Chile. Imagen: Dreamstime.

These are the world's smartest cities in 2018

Seoul ranked as the 7th smartest city in the world.

Image: REUTERS/Lee Jae-Won

This article is published in collaboration with

Forbes

17 Jul 2018

For the second year in a row, New York has been declared the smartest city in the world, according to the IESE Cities in Motion Index. London and Paris also maintain their positions just behind the big apple, taking the second and third spots respectively.

IESE Cities in Motion Index

Media Appearances

Forbes

Billionaires | Innovation | Leadership

45,466 views | Jul 6, 2016, 03:23am

Ranking The World's 'Smartest' Cities

IESE Business School Contributor ⓘ
Leadership Strategy
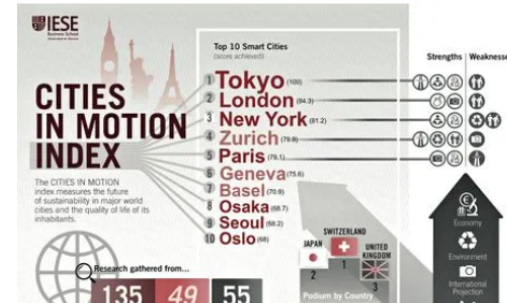*We share global insights and research.*

Despite being responsible for the generation of 80% of wealth worldwide, cities are facing big global challenges: economic, demographic, social and environmental. It is vitally important our cities are able to meet and overcome them; by some estimates, 70% of the world's population will live in cities by 2050, meaning that sustainable, livable world cities are essential for a prosperous future. So which cities are currently getting it right, and which ones are lagging behind?

Unlike most other rankings which focus on one area (such as how cities perform in relation to technology or the environment), the annual IESE Cities in Motion index examines all aspects that make up sustainability and quality of life in 181 key world cities. Under the direction of IESE profs Pascual Berrone and Joan Enric Ricart, the index takes into account 77 indicators, covering 10 distinct dimensions of urban life: the economy, technology, human capital,

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Cities index ranks London, Tokyo and New York as most sustainable

London tops new index measuring sustainability and quality of life in cities, but it's falling behind on social cohesion

▲ Cities in Motion Index. Click for full infographic. Photograph: IESE

As the urbanisation process accelerates around the world, cities - both old and new - face major global challenges. These range from economic downturns and changing demographic trends, to deepening social divisions and a growing strain on the environment.

BUSINESS INSIDER

TECH | FINANCE | POLITICS | STRATEGY | LIF

EXECUTIVE LIFE

The 20 Best Cities On The Planet

MEGAN WILLETT
MAY 15, 2014, 4:32 PM

FACEBOOK | TWITTER | REDDIT | LINKEDIN | EMAIL

Shutterstock
Tokyo topped the ranking with impressive technology, economy, and an ability to attract talent from all over the world.
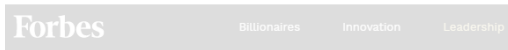
With globalization, climate change, and social and economical challenges, today's world cities need to adapt like never before.

The IESE Business School in Spain is out with its annual Cities in Motion Index (ICIM), which ranks the world's best ("smartest") cities — those that have the highest levels of innovation, sustainability, and quality of life.

IESE Cities in Motion Index

Media Appearances

Forbes

Billionaires   Innovation   Leadership

Ranking The World's 'Smartest' Cities

IESE Business School
Leadership Strategy
We share global insights and research...

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The Guardian

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Cities index ranks London, Tokyo and New York as most sustainable

...ability... of life... behind on social cohesion

CITIES IN MOTION INDEX

Top 10 Smart Cities

1 Tokyo
2 London
3 New York
4 Zurich
5 Paris
6 Geneva
7 Basel
8 Osaka
9 Seoul
10 Oslo

Research gathered from...
135 49 55

▲ Cities in Motion index. Click for full infographic. Photograph: IESE

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EXECUTIVE LIFE

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MEGAN WILLETT

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HOWEVER...

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PEOPLE WILL COMPLAIN (FOR SURE)

IESE Cities in Motion Index

People will complain (for sure)

Alan S. says:

May 30, 2017 at 2:47 am

No surprise New York City is first in the overall ranking. That city impress me every time I have to fly there for my job.

Instead, I have been very surprised to see Helsinki as the city with the highest social cohesion rating. I worked 2 years there in Finland and it is in my opinion their life-style is very closed and sad. There is not such a cohesion between people. Guys get married very young, do children and frequent their school friends for the rest of their life. It is very difficult to make

IESE Cities in Motion Index

People will complain (for sure)

Dear Mr. Carrasco,

I am ██████████████, director of the policy analysis office in ████ city council. We have been closely following your past IESE CIM Index editions and we are surprised by our position in this year ranking.

We would like to know if we can improve our position by providing you with more and better information about our city. We have an statistical office collecting data for internal purposes and we would be happy to share it with you.

Please, let us know your thoughts about this proposal.

Best regards,

THE TRADE-OFFS OF RANKINGS

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20

A Way to Learn. A Mark to Make. A World to Change.

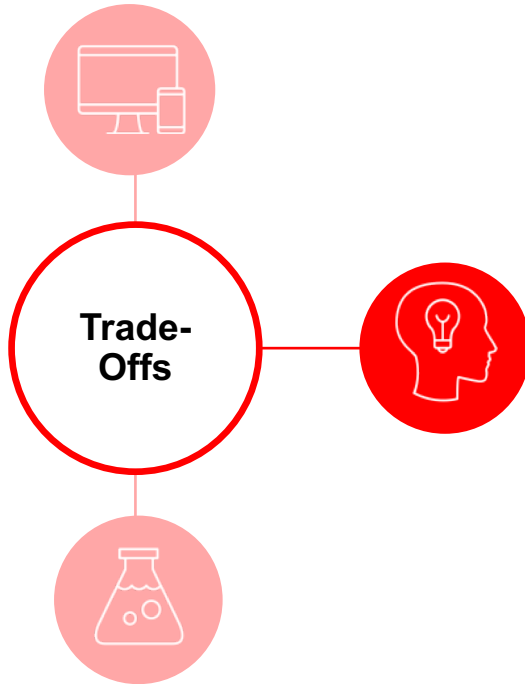# IESE Cities in Motion Index

Trade-Offs
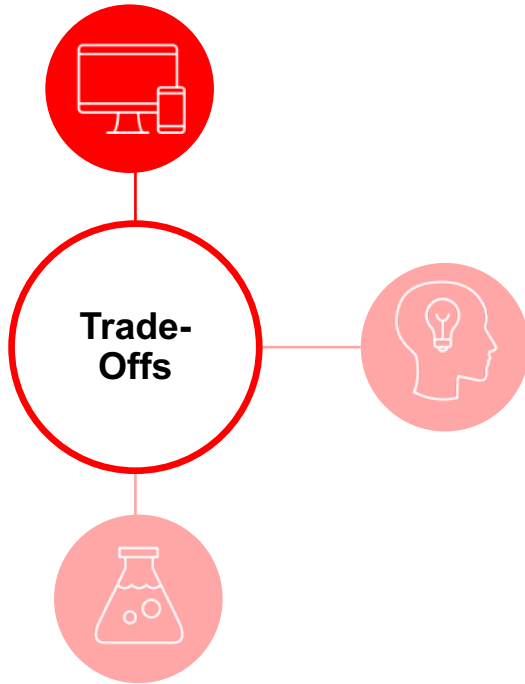
Trade-Offs

COVERAGE VS DETAIL

Do we prefer to include 50 cities with detailed variables or 150 cities with less information?

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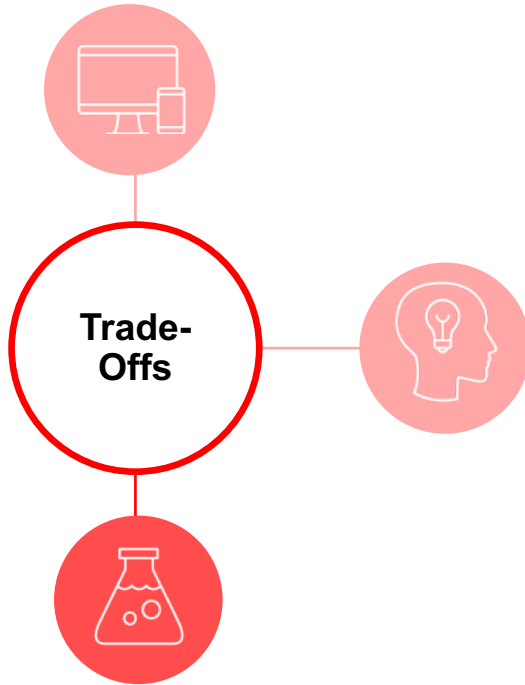
Trade-Offs

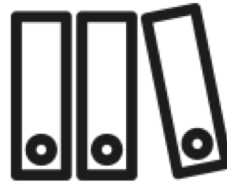**Trade-Offs**

ADMINISTRATIVE BOUNDARIES VS **REAL CITY**

Should we use information from the administrative boundary of the city or should we take into account the metropolitan area?

IESE Cities in Motion Index

Trade-Offs

STANDARDARIZATION VS **REPORTED**

Should we accept self-reported information from cities

or use common databases?

If so, what about different definitions or measurements

of the same variable?

CONCLUDING RECOMMENDATIONS

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Concluding Recommendations

Beyond methodological issues…

Acknowledge your trade-offs, take a decision and stick to it

(make them explicit in your documents)

Be ready for criticism

(be transparent with your methodology and its drawbacks)

Facilitate dissemination and communication by playing with your data

(create sub-rankings, let people play with data, disaggregate by size, location, etc.)

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