



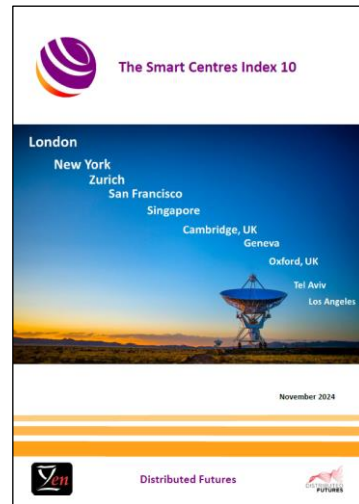
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"Zest for Enlightenment"

SMART CENTRES INDEX 10 GLOBAL LAUNCH

26 November 2024



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Welcome & Introduction



Ian Harris
Director
Z/Yen Group





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Programme



09:00	Welcome & Introduction <i>Ian Harris, Director, Z/Yen Group</i>
09:05	View From Astana <i>Talgat Amanbayev, Chief Innovation Officer, Astana International Financial Centre</i>
09:15	Smart Centres Index 10 Results <i>Mike Wardle, Chief Executive Officer, Z/Yen Group</i>
09:25	Commentary & Observations, <i>Ian Harris, Director, Z/Yen Group</i>
09:35	Questions, Comments & Answers
09:45	Close



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A View From Astana



Talgat Amanbayev
Chief Innovation Officer
Astana International Financial Centre





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Smart Centres Index 10 Results



Mike Wardle
Chief Executive Officer
Z/Yen Group





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Z/Yen Research





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Smart Centres Index



- ◆ The Smart Centres Index is designed to track commercial centres' ability to create, develop, and deploy technology
- ◆ Aims to help investors, governments, and regulators view the attractiveness of centres for new technologies and products by measuring how attuned centres and their regulatory systems are to attracting innovation and growth in innovation and technology



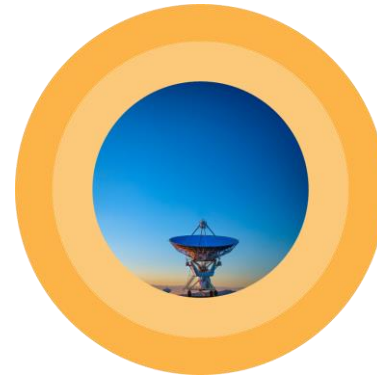


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Factor Assessment Index



- ◆ Combine perception data with quantitative data using advanced statistical modelling
- ◆ Individual assessments of commercial centres are associated with the quantitative data for that centre
- ◆ We can then predict how an individual would rate other cities based on their profile





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SCI Dimensions



- ◆ The SCI measures three equally weighted dimensions:
 - Innovation Support – the approach taken to regulation and support for the innovation and technology industry provided by the commercial ecosystem
 - Creative Intensity - the extent to which technology and innovative industries are embedded in the economy of the centre
 - Delivery Capability - the quality of the work being undertaken in the field in the centre



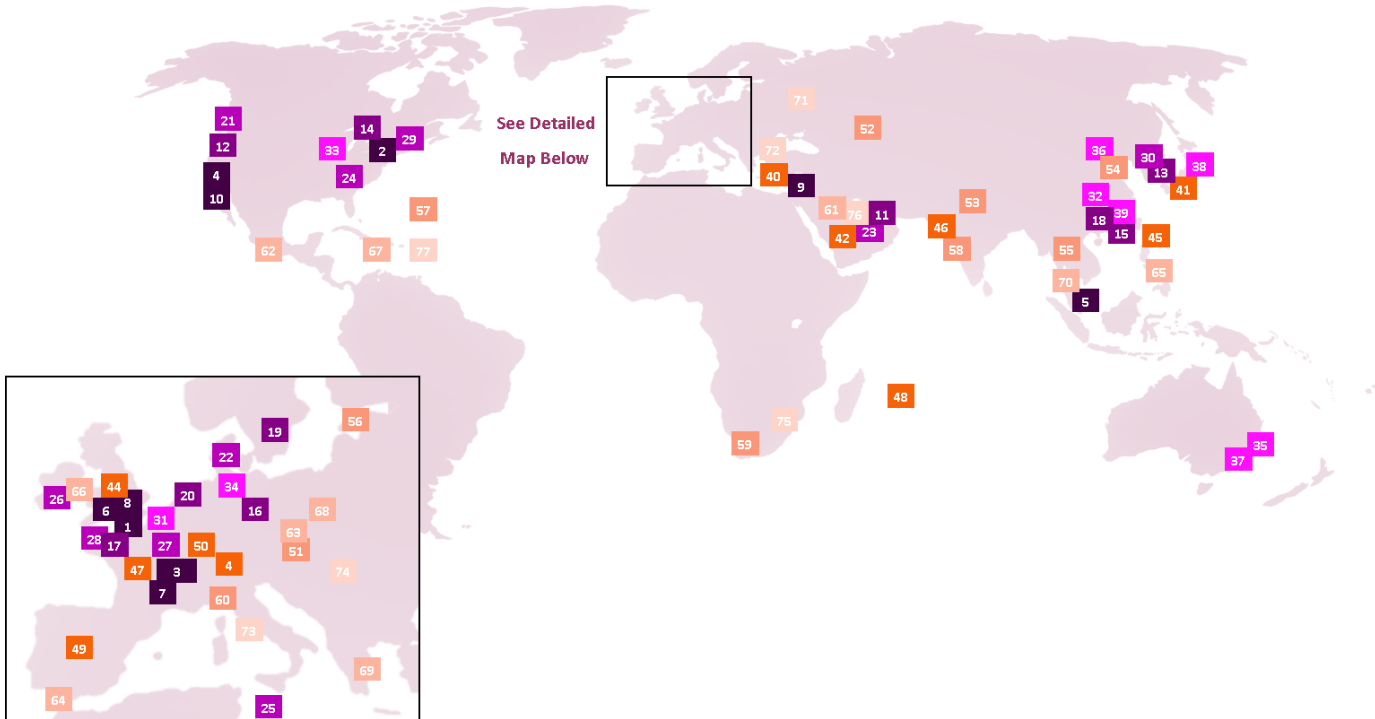
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The SCI World

77 Centres Feature In SCI 10

The SCI 10 World - Centres In The Index



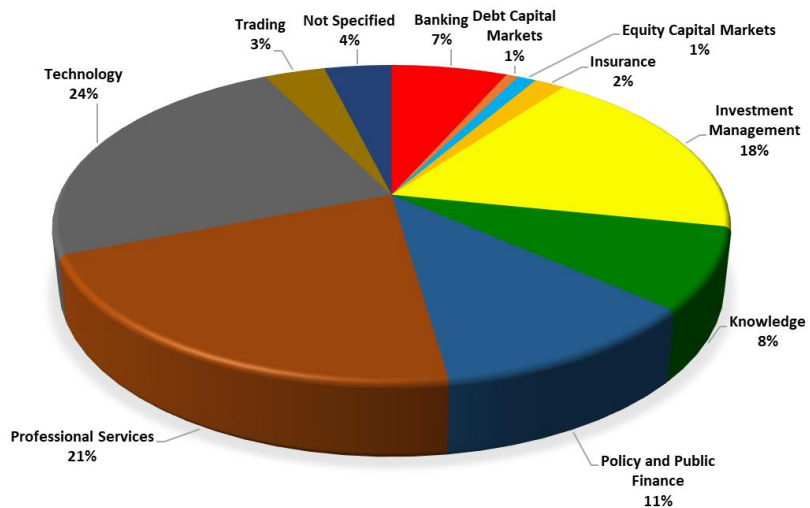


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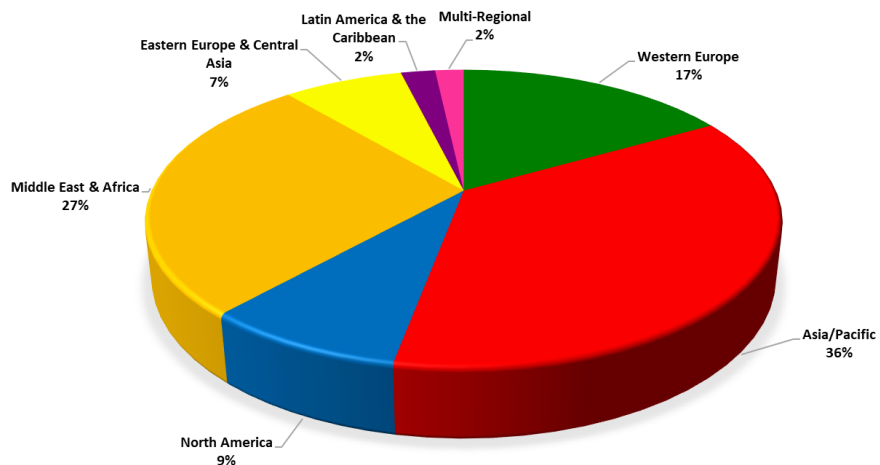
SCI 10 Respondents



Respondents By Sector



Respondents By Region





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SCI 10 Headlines



- ◆ London retained first place in the index, with New York overtaking Zurich to regain second place.
- ◆ Five Western European centres feature in the top 10, alongside three US centres.
- ◆ Singapore and Tel Aviv also feature in the top 10.
- ◆ Four centres rose 10 or more places in the ranking in SCI 10, while two centres fell 10 or more places.
- ◆ The average rating in SCI 10 fell by 1.07% following a fall of 1.31% in SCI 9. The smallest reduction in average ratings of 0.76% was in the Middle East & Africa, while the average rating for centres in Latin America & The Caribbean fell 1.77%.
- ◆ The continued geopolitical threats caused by conflict and continued slow economic growth may be driving a lack of confidence in technology centres across the world.



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SCI 10 Top Twenty Centres



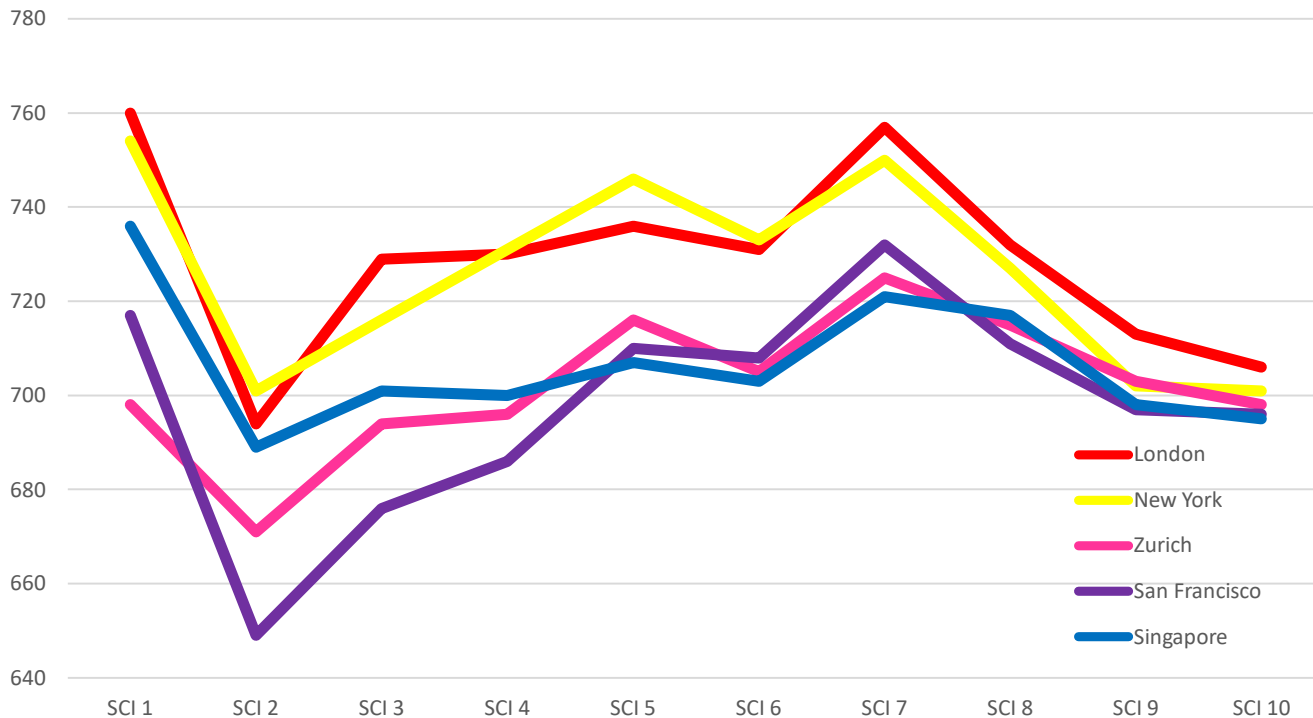
Centre	SCI 10		SCI 9		Change In	
	Rank	Rating	Rank	Rating	Rank	Rating
London	1	706	1	713	0	▼7
New York	2	701	3	702	▲1	▼1
Zurich	3	698	2	703	▼1	▼5
San Francisco	4	696	8	697	▲4	▼1
Singapore	5	695	7	698	▲2	▼3
Cambridge, UK	6	694	5	700	▼1	▼6
Geneva	7	693	9	696	▲2	▼3
Oxford, UK	8	692	4	701	▼4	▼9
Tel Aviv	9	691	10	695	▲1	▼4
Los Angeles	10	690	6	699	▼4	▼9
Dubai	11	689	13	692	▲2	▼3
Seattle	12	687	11	694	▼1	▼7
Busan	13	686	14	691	▲1	▼5
Toronto	14	685	19	686	▲5	▼1
Hong Kong	15	684	12	693	▼3	▼9
Berlin	16	682	20	685	▲4	▼3
Jersey	17	681	26	679	▲9	▲2
Shenzhen	18	679	22	683	▲4	▼4
Stockholm	19	678	16	689	▼3	▼11
Amsterdam	20	677	18	687	▼2	▼10





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Leading Centres Over Time



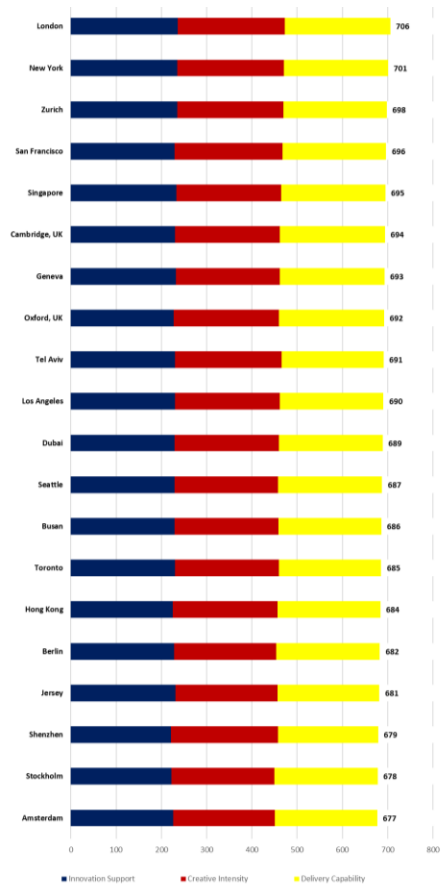
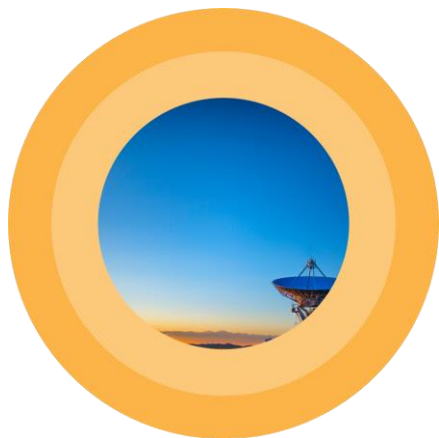


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SCI 10 Top Twenty Centres By Dimension



- ◆ The SCI Dimensions
 - Innovation Support
 - Creative Intensity
 - Delivery Capability





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Western Europe – Top 15



Centre	SCI 10		SCI 9		Change In	
	Rank	Rating	Rank	Rating	Rank	Rating
London	1	706	1	713	0	▼7
Zurich	3	698	2	703	▼1	▼5
Cambridge, UK	6	694	5	700	▼1	▼6
Geneva	7	693	9	696	▲2	▼3
Oxford, UK	8	692	4	701	▼4	▼9
Berlin	16	682	20	685	▲4	▼3
Jersey	17	681	26	679	▲9	▲2
Stockholm	19	678	16	689	▼3	▼11
Amsterdam	20	677	18	687	▼2	▼10
Copenhagen	22	675	15	690	▼7	▼15
Malta	25	672	17	688	▼8	▼16
Dublin	26	671	41	664	▲15	▲7
Luxembourg	27	670	27	678	0	▼8
Guernsey	28	669	45	660	▲17	▲9
Brussels	31	666	31	674	0	▼8

- ◆ London takes the top position in the region, with Zurich, Cambridge, Geneva, and Oxford also in the top 10
- ◆ Fifteen of the 26 centres in the region retained or improved their ranking





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North America



Centre	SCI 10		SCI 9		Change In	Change In
	Rank	Rating	Rank	Rating	Rank	Rating
New York	2	701	3	702	▲ 1	▼ 1
San Francisco	4	696	8	697	▲ 4	▼ 1
Los Angeles	10	690	6	699	▼ 4	▼ 9
Seattle	12	687	11	694	▼ 1	▼ 7
Toronto	14	685	19	686	▲ 5	▼ 1
Vancouver	21	676	24	681	▲ 3	▼ 5
Washington DC	24	673	23	682	▼ 1	▼ 9
Boston	29	668	21	684	▼ 8	▼ 16
Chicago	33	664	25	680	▼ 8	▼ 16

- ◆ Nine North American centres feature in SCI 10 and three are in the world top 10
- ◆ Four centres in the region maintained or improved their rank position compared with SCI 9, with Toronto improving 5 rank places
- ◆ All North American centres fell in the SCI ratings



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Asia/Pacific – Top 15



Centre	SCI 10		SCI 9		Change In	Change In
	Rank	Rating	Rank	Rating	Rank	Rating
Singapore	5	695	7	698	▲ 2	▼ 3
Busan	13	686	14	691	▲ 1	▼ 5
Hong Kong	15	684	12	693	▼ 3	▼ 9
Shenzhen	18	679	22	683	▲ 4	▼ 4
Seoul	30	667	29	676	▼ 1	▼ 9
Guangzhou	32	665	37	668	▲ 5	▼ 3
Sydney	35	662	36	669	▲ 1	▼ 7
Beijing	36	661	30	675	▼ 6	▼ 14
Melbourne	37	660	43	662	▲ 6	▼ 2
Tokyo	38	659	33	672	▼ 5	▼ 13
Shanghai	39	658	35	670	▼ 4	▼ 12
Osaka	41	656	50	655	▲ 9	▲ 1
Taipei	45	652	47	658	▲ 2	▼ 6
GIFT City-Gujarat	46	650	42	663	▼ 4	▼ 13
New Delhi	53	643	62	643	▲ 9	0

- ◆ Singapore, Busan, Hong Kong, and Shenzhen rank in the top 20 in the world
- ◆ Thirteen centres in the region maintained their position or rose in the rankings in SCI 10, with only Osaka improving in the ratings





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Eastern Europe & Central Asia



Centre	SCI 10		SCI 9		Change In	Change In
	Rank	Rating	Rank	Rating	Rank	Rating
Cyprus	40	657	44	661	▲ 4	▼ 4
Astana	52	644	49	656	▼ 3	▼ 12
Tallinn	56	640	53	652	▼ 3	▼ 12
Prague	63	633	61	644	▼ 2	▼ 11
Budapest	68	628	63	642	▼ 5	▼ 14
Athens	69	627	67	638	▼ 2	▼ 11
Moscow	71	625	71	634	0	▼ 9
Istanbul	72	624	77	628	▲ 5	▼ 4
Warsaw	74	622	76	629	▲ 2	▼ 7

- ◆ There are nine centres from Eastern Europe & Central Asia in the index
- ◆ Cyprus leads the region in 40th place globally, with Astana in second position in the region
- ◆ All centres in the region fell in the ratings, with the average rating falling 1.45%



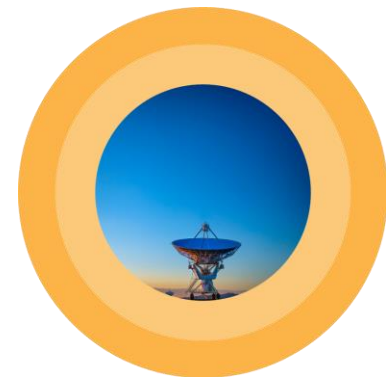
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Middle East & Africa



Centre	SCI 10		SCI 9		Change In	Change In
	Rank	Rating	Rank	Rating	Rank	Rating
Tel Aviv	9	691	10	695	▲ 1	▼ 4
Dubai	11	689	13	692	▲ 2	▼ 3
Abu Dhabi	23	674	28	677	▲ 5	▼ 3
Doha	42	655	32	673	▼ 10	▼ 18
Mauritius	48	648	56	649	▲ 8	▼ 1
Cape Town	59	637	58	647	▼ 1	▼ 10
Riyadh	61	635	73	632	▲ 12	▲ 3
Johannesburg	75	616	74	631	▼ 1	▼ 15
Bahrain	76	615	79	609	▲ 3	▲ 6

- ◆ Nine centres in the region feature in the SCI with Tel Aviv and Dubai in the top 20.
- ◆ Six centres in the region rose in the rankings, and Riyadh gained 12 places.





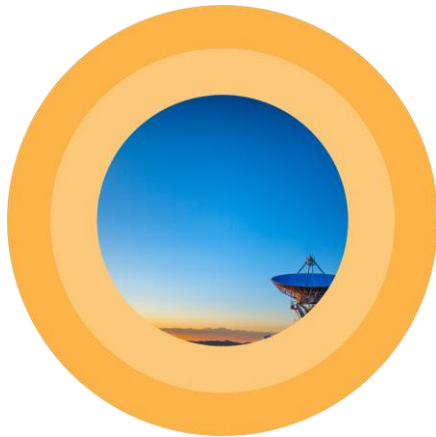
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Latin America & The Caribbean



Centre	SCI 10		SCI 9		Change In	Change In
	Rank	Rating	Rank	Rating	Rank	Rating
Bermuda	57	639	59	646	▲ 2	▼ 7
Mexico City	62	634	75	630	▲ 13	▲ 4
Cayman Islands	67	629	64	641	▼ 3	▼ 12
British Virgin Islands	77	589	78	619	▲ 1	▼ 30

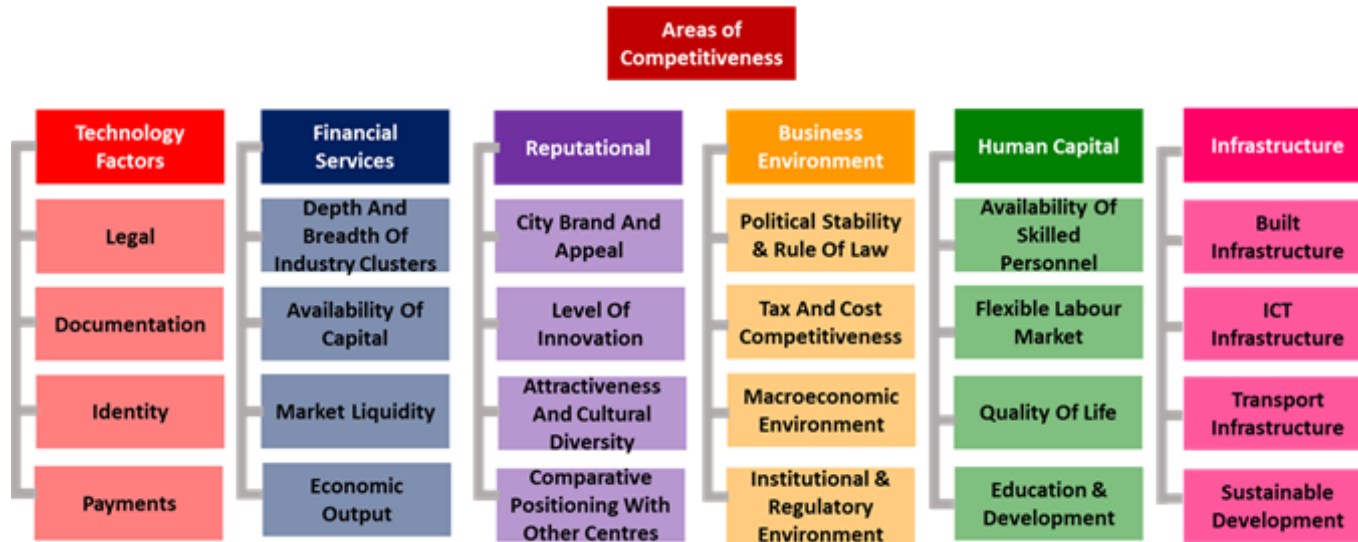
- ◆ Bermuda took first place in the region at 57th overall.
- ◆ Mexico City regained second place in the region, rising 13 places in the rankings.





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SCI Taxonomy





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Areas Of Competitiveness



Rank	Business Environment				Financial Sector	Reputational &
	Technology	Environment	Human Capital	Infrastructure	Development	General
1	London	London	London	London	London	London
2	New York	New York	New York	New York	New York	New York
3	Singapore	Singapore	Singapore	Singapore	Singapore	Singapore
4	Zurich	Zurich	Zurich	Zurich	Los Angeles	Zurich
5	Hong Kong	Seattle	Cambridge, UK	Hong Kong	Zurich	Geneva
6	Tel Aviv	Busan	Seattle	San Francisco	Hong Kong	Stockholm
7	Stockholm	Geneva	Dubai	Cambridge, UK	San Francisco	Los Angeles
8	Los Angeles	Tel Aviv	Busan	Geneva	Busan	Busan
9	Dubai	Dubai	San Francisco	Oxford, UK	Dubai	Berlin
10	Geneva	Cambridge, UK	Geneva	Busan	Berlin	Shenzhen
11	Busan	Hong Kong	Oxford, UK	Tel Aviv	Geneva	Dubai
12	San Francisco	Amsterdam	Los Angeles	Los Angeles	Cambridge, UK	Cambridge, UK
13	Toronto	San Francisco	Hong Kong	Dubai	Jersey	Hong Kong
14	Berlin	Oxford, UK	Toronto	Shenzhen	Oxford, UK	San Francisco
15	Shenzhen	Los Angeles	Shenzhen	Amsterdam	Luxembourg	Seattle



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Technology Effect



SCI 10		
Rank	All Factors	Technology Factors
1	London	London
2	New York	New York
3	Zurich	Singapore (+2)
4	San Francisco	Zurich (-1)
5	Singapore	Hong Kong (+10)
6	Cambridge, UK	Tel Aviv (+3)
7	Geneva	Stockholm (+12)
8	Oxford, UK	Los Angeles (+2)
9	Tel Aviv	Dubai (+2)
10	Los Angeles	Geneva (-3)
11	Dubai	Busan (+2)
12	Seattle	San Francisco (-8)
13	Busan	Toronto (+1)
14	Toronto	Berlin (+2)
15	Hong Kong	Shenzhen (+3)





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Reputational Advantage



Centre	Weighted Average Assessment	SCI10 Rating	SCI10 Reputational Advantage
Busan	871	686	185
Tel Aviv	853	691	162
Munich	790	654	136
San Francisco	819	696	123
Zurich	818	698	120
Brussels	781	666	115
Stockholm	789	678	111
Los Angeles	796	690	106
Guangzhou	767	665	102
Oxford, UK	790	692	98
London	795	706	89
New York	788	701	87
Toronto	761	685	76
Geneva	767	693	74
Luxembourg	743	670	73



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Reputational Disadvantage



Centre	Weighted Average Assessment	SCI10 Rating	SCI10 Reputational Advantage
Isle of Man	570	630	-60
Manila	568	631	-63
Malta	602	672	-70
Johannesburg	536	616	-80
Gibraltar	548	632	-84
Bangkok	544	641	-97
Moscow	524	625	-101
British Virgin Islands	488	589	-101
Rome	519	623	-104
Astana	534	644	-110
Cape Town	524	637	-113
Tokyo	528	659	-131
Athens	482	627	-145
Seoul	502	667	-165
Bahrain	409	615	-206



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Observations



Ian Harris
Director
Z/Yen Group



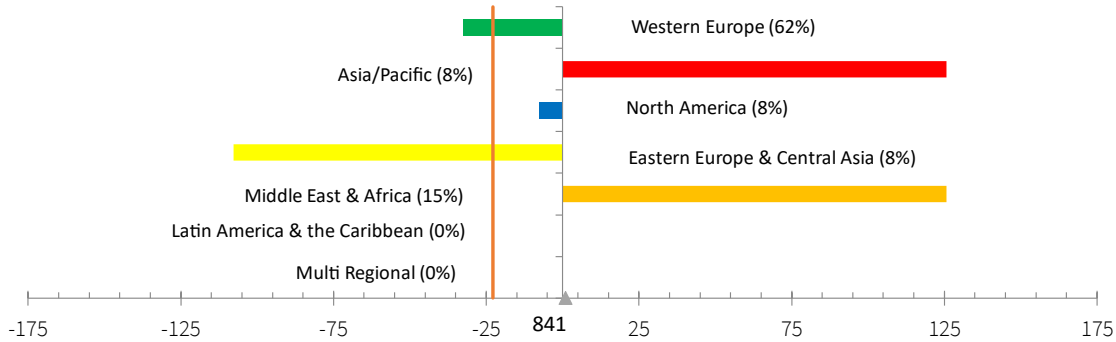


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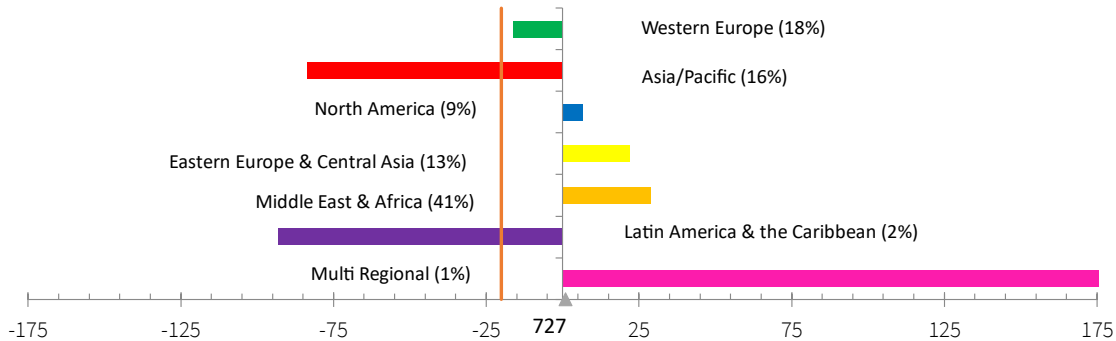
Regional Difference In Assessments



Tel Aviv



Dubai





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Correlation - SCI 10 & Instrumental Factors



Instrumental Factor	R Squared
Global Financial Centre Index	0.615
The Global Green Finance Index	0.585
Fintech Activity Index	0.568
Urban Mobility Readiness Index	0.546
Global Innovation Index	0.527
FinTech Index (GFCI)	0.525
Adjusted net national income per capita	0.512
Government Effectiveness	0.488
Safe Cities	0.459
World Talent Rankings	0.437



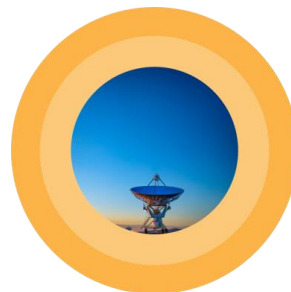


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Correlation - Technology Factors



Technology Factors	R Squared
Fintech Activity Index	0.568
FinTech Index (GFCI)	0.525
Technological Infrastructure	0.405
Scientific Infrastructure	0.399
Government AI Readiness Index	0.387
Creative outputs	0.330
Knowledge and technology outputs	0.306
Telecommunication Infrastructure Index	0.302
Smart City Index	0.265
Global Crypto Ranking	0.255



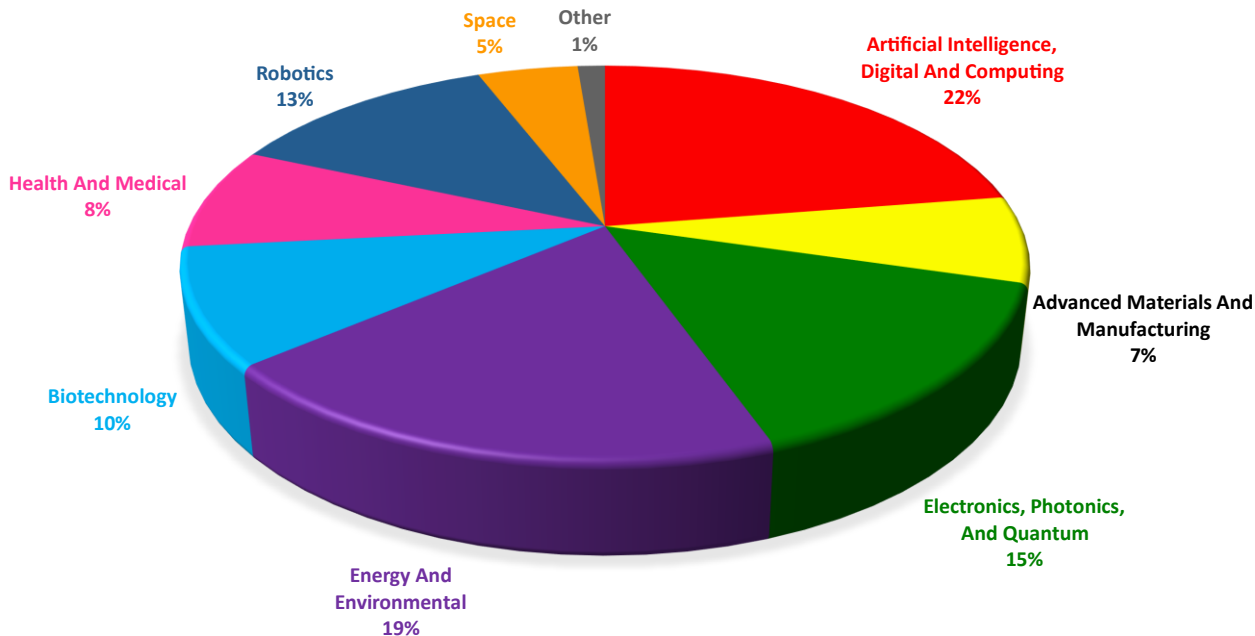


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Technology Development

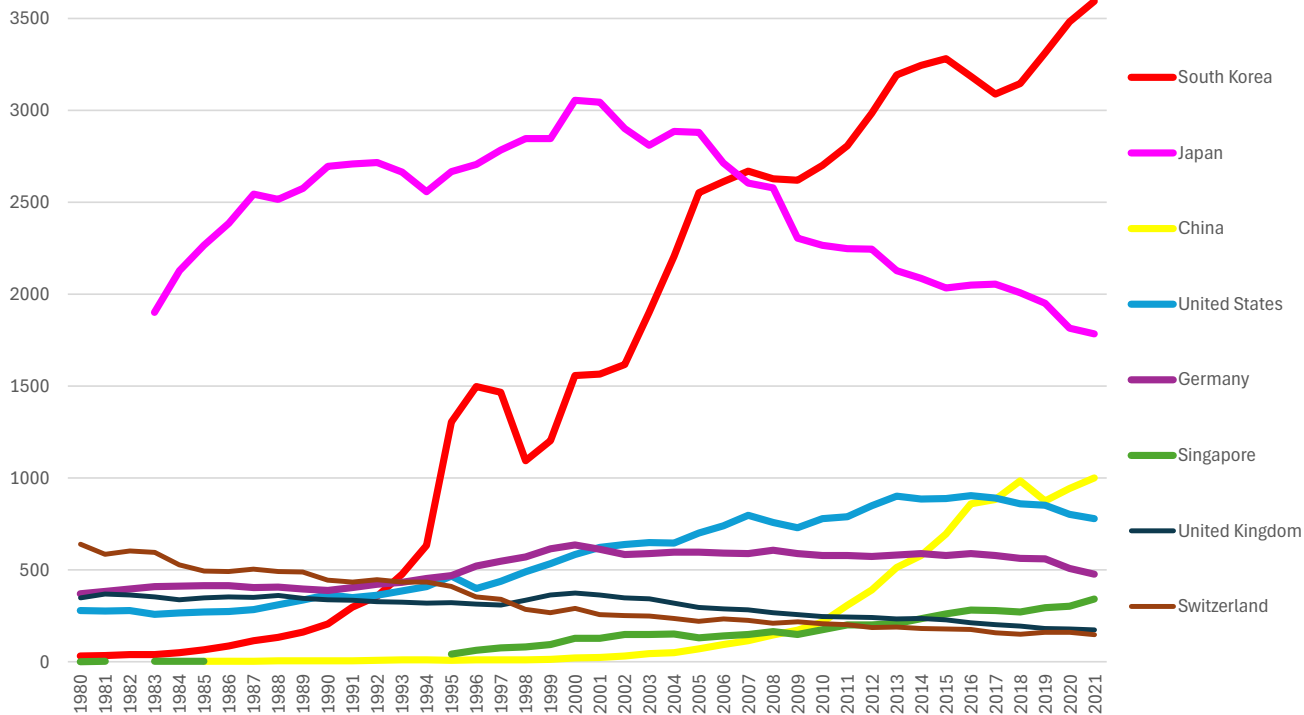
What technological developments are likely to have most impact on industry over the next five years?





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Patent Applications Per Million People



Data source: World Bank (2023); United Nations (2022), collated by Our World In Data, <https://ourworldindata.org/grapher/patent-applications-per-million?tab=chart&time=earliest..2021&country=CHN~USA~JPN~DEU~KOR~GBR~CHE~SGP>





Comments, Questions & Answers



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Smart Centres Index 11



Smart Centres Index 11: May 2025



Take the SCI survey at:

www.smartcentresindex.net/survey/

Global Financial Centres Index 37: March 2025

Global Green Finance Index 15: April 2025





Thank You For Participating

Forthcoming Events

- Wed, 27 Nov (16:00-18:30) Towards a Global Financial Hub: Busan International Finance Centre
- Thu, 5 Dec (11:00-11:45) The London Tea Exchange & The Global Fair Pay Charter
- Thu, 12 Dec (11:00-11:45) Fixing The Crises In Capitalism & Democracy

Visit <https://fsclub.zyen.com/events/forthcoming-events/>

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