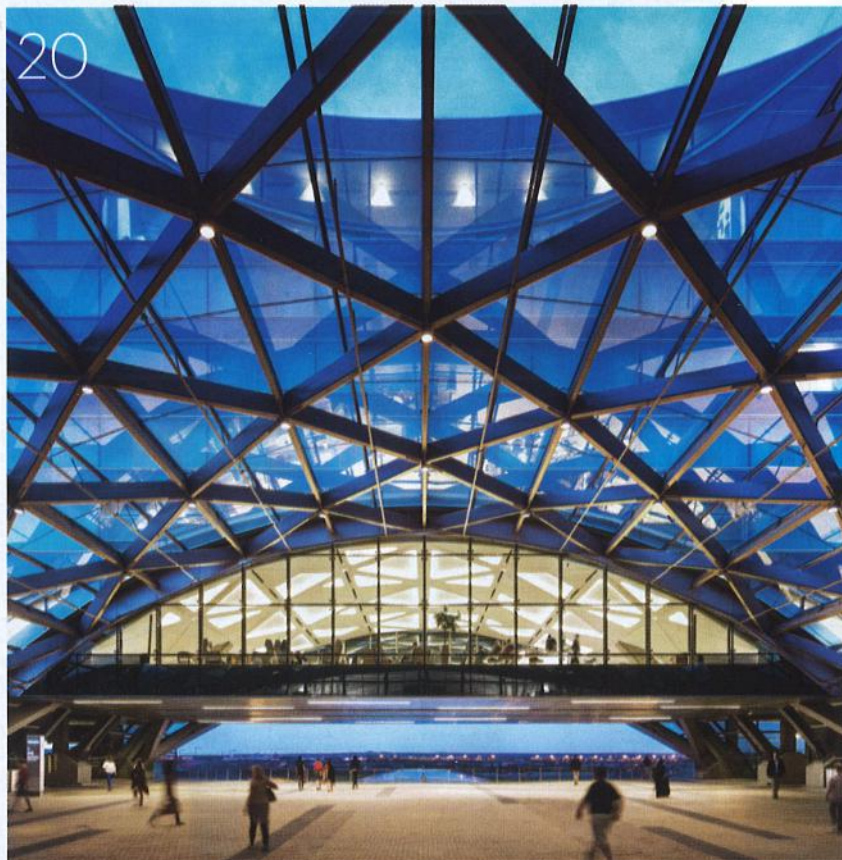


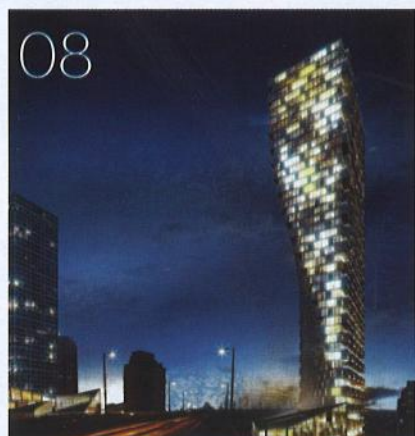
THE WORLD'S LARGEST ARCHITECTURE PRACTICES **JANUARY 2017**



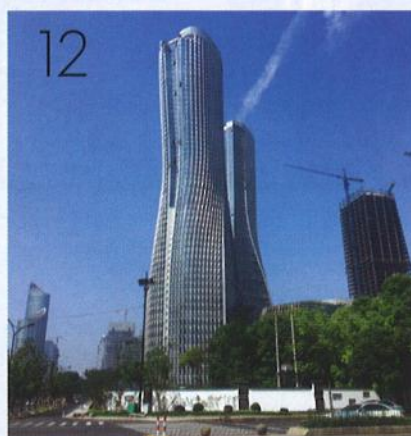
CONTENTS



The Denver International Airport transit centre by Gensler, which retains the no 1 spot



Looking good in Canada: Bjarke Ingels' 150m-tall Vancouver House



China rising: UN Studio's Raffles City development in Hangzhou

A Building Design supplement

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06 LEADER

08 INTO THE UNKNOWN

Growth in India and China, anxious times in Europe and the Middle East, and a new era in global politics ...

12 CHINA 2.0

As confidence returns, the world's second-biggest economy now offers a more mature, more competitive market

14 TOP 100 CHART

The world's largest practices in 2016, ranked by the number of architects employed

17 ONES TO WATCH

The 25 practices in pole position to make next year's list

19 MOST ADMIRER

Foster + Partners does it again ...

20 WA100 PROFILES

Who they are, what they've been doing and what they're planning for 2017: a closer look at all top 100 practices

65 WHERE THE WORK IS

The top client groups from region to region

66 BEST PARTNERS

Which firms do architects most like to work with?

68 REGIONAL TOP 10

70 MARKET SECTORS TOP 10

73 SPECIALISMS TOP 10



The big list WA100 is BD's annual survey of the world's largest practices ranked by the number of fee-earning architects they employ. This year, Japan's Nikken Sekkei interrupts a US clean sweep of the 1,000 architects club

RANK 2017	RANK 2016	NEW	PRACTICE NAME	COUNTRY	ARCHITECTS EMPLOYED	FEE INCOME (US \$MILLION)
1	1		Gensler	USA	2,570	\$1bn-1.5bn
2	3		Nikken Sekkei	Japan	1,796	\$500-599m
3	2		AECOM	USA	1,491	\$320-329m
4	4		Perkins+Will	USA	1,140	\$350-359m
5	5		HDR	USA	1,072	\$310-319m
6	8		IBI Group	Canada	851	\$220-229m
7	6		Woods Bagot	Australia	840	\$150-159m
8	9		HOK	USA	821	\$270-279m
9	7		Aedas	China	788	\$230-239m
10	12		DP Architects	Singapore	767	\$110-119m
11	15=		Sweco	Sweden	700	
12	18		HKS	USA	685	\$230-239m
13	15=		White arkitekter	Sweden	681	\$100-109m
14	14		Foster + Partners	UK	671	\$230-239m
15	17		Perkins Eastman	USA	658	
16	13		Jacobs	USA	636	£1bn-1.5bn
17	21		Junglim Architecture	South Korea	596	\$80-89m
18=	34		Kunwon	South Korea	530	\$80-89m
18=	22		Stantec	Canada	530	\$340-349m
20	27		SmithGroupJJR	USA	522	\$160-169m
21	25		Nihon Sekkei	Japan	519	\$120-129m
22	26		Heerim Architects	South Korea	511	\$180-189m
23	23		Tengbom	Sweden	500	
24	28		Haeahn	South Korea	499	\$80-89m
25	29		GMP	Germany	490	\$80-89m
26	24		Cannon Design	USA	475	\$140-149m
27	30		DLR Group	USA	460	\$170-179m
28	11		CallisonRTKL	USA	419	\$270-279m
29	31		ATP architects engineers	Austria	410	\$80-89m
30	33		Kume Sekkei	Japan	391	\$90-99m
31	32		ZGF Architects	USA	383	\$70-79m
32		•	AREP	France	370	\$60-69m
33	35		Atkins	UK	369	\$130-139m
34	10		P&T Architects and Engineers	China	364	\$160-169m
35=	40		BDP	UK	348	\$50-59m
35=	36		NBBJ	USA	348	\$160-169m
37	37		Mitsubishi Jisho Sekkei	Japan	338	\$160-169m
38	39		HPP Architects	Germany	327	\$30-39m
39	41		KEO	Kuwait	290	£270-279m
40	42		Sunjin	South Korea	276	\$70-79m
41=	45		Dewan Architects + Engineers	UAE	259	\$60-69m
41=	43		Hyundai Architects & Engineers	South Korea	259	\$60-69m
43	56		Link arkitektur	Norway	256	\$30-39m
44	46		Chapman Taylor	UK	255	\$40-49m
45	57		Bates Smart	Australia	250	\$40-49m
46	47		IDOM	Spain	243	\$50-59m
47	20		Kohn Pedersen Fox	USA	240	

RANK 2017	RANK 2016	NEW	PRACTICE NAME	COUNTRY	ARCHITECTS EMPLOYED	FEE INCOME (US \$MILLION)
48	51		Aukett Swanke	UK	239	\$30-39m
49	53		Aidea	Philippines	231	\$10-19m
50	52		Ishimoto Architectural & Engineering Firm	Japan	221	\$70-79m
51	50		Ronald Lu & Partners	China	219	\$50-59m
52	49		Leo A Daly	USA	214	\$160-169m
53	59=		Allford Hall Monaghan Morris	UK	209	\$40-49m
54	54		Populous	USA	207	\$100-109m
55	58		Buchan Group	Australia	204	\$50-59m
56	61		EHAF Consulting Engineers	UAE	202	\$50-59m
57	68		National Engineering Bureau	UAE	198	\$40-49m
58	63		AXS Satow	Japan	190	\$70-79m
59	76		Archetype Group	Vietnam	189	£20-29m
60	55		Wong Tung & Partners	China	188	\$50-59m
61		•	Dennis Lau & Ng Chun Man Architects & Engineers	China	183	\$80-89m
62	59=		B+H Architects	Canada	179	\$40-49m
63		•	Tabanlıoğlu Architects	Turkey	177	\$100-109m
64	65		Jaspers-Eyers Architects	Belgium	175	\$20-29m
65	68		PBK	USA	173	\$60-69m
66=	62		Broadway Malayan	UK	170	
66=	80		DSP Design Associates	India	170	\$5-9m
66=		•	Gerber Architekten	Germany	170	\$10-19m
66=	66=		GVA	Mexico	170	\$20-29m
70	71		Sheppard Robson	UK	167	\$30-39m
71	89		GHDWoodhead	Australia	163	\$50-59m
72	65=		C.F. Møller	Denmark	162	\$40-49m
73	74		Wilmotte & Associés	France	160	\$30-39m
74	78		Lemay	Canada	155	\$50-59m
75	76		Valode & Pistre Architects	France	154	\$30-39m
76	110		UNStudio	The Netherlands	150	\$20-29m
77=	77		Allies and Morrison	UK	147	\$50-59m
77=		•	Corgan	USA	147	\$90-99m
77=	72		Page	USA	147	\$120-129m
80	80		AHR	UK	141	\$30-39m
81	82=		Henning Larsen Architects	Denmark	139	\$30-39m
82		•	Itten+Brechtbühl	Switzerland	138	\$40-49m
83	81		Scott Brownrigg	UK	133	\$30-39m
84	84=		CP Kukreja Architects	India	130	\$5-9m
85=	96		MG2	USA	129	\$50-59m
85=	92=		Sikka Associates	India	129	Under \$5m
87	88		Morphogenesis	India	127	\$5-9m
88	82=		Purcell	UK	124	\$20-29m
89=	104		Bjarke Ingels Group	Denmark	119	\$60-69m
89=	91		Gomez Vazquez International	Mexico	119	\$10-19m
91	99=		10 DESIGN	UK	113	\$20-29m
92		•	Feilden Clegg Bradley Studios	UK	110	\$20-29m
93	98		Progetto CMR	Italy	105	\$10-19m
94	92=		Showa Sekkei	Japan	104	
95=	64		Henn	Germany	101	\$60-69m
95=		•	tp bennett	UK	101	\$30-39m
97		•	Architectus	Australia	100	\$40-49m
98=	99=		EPR Architects	UK	98	\$10-19m
98=		•	Nordic Office of Architecture	Norway	98	\$20-29m
100		•	Hames Sharley	Australia	92	\$20-29m

57 NATIONAL ENGINEERING BUREAU

COUNTRY	UAE
LAST RANKING	68
ARCHITECTS EMPLOYED	198

Dubai continues to be a fruitful market for National Engineering Bureau (NEB), which has been busy on a number of super-high-rise developments at Dubai Marina. These include Marina 106, which at 445m high will be one of the tallest residential towers in the world and the nearby art deco-styled Marina 101, a relative shorty at 425m. NEB is also working on the final plot in the Dubai Marina area, where it is designing the Crowne Plaza Hotel Dubai Marina.

As well as residential and hospitality work, the UAE practice is designing a proposed government main office headquarters at Jadaif Dubai.

58 AXS SATOW

COUNTRY	JAPAN
LAST RANKING	63
ARCHITECTS EMPLOYED	190

The Japanese practice's latest projects reflect its continuing expertise in local government offices and libraries. AXS Satow will this year complete the New Kochi prefectural and municipal library facility, which includes a braille library and science museum, and the Zhuhai City Hengqin Development Building, the pilot project of the Zhuhai City Development Plan in the Pearl River estuary of China. In other sectors, notable projects include the Toranomon Hospital in Minato-ku, Tokyo, which completes in 2018.

AXS Satow works mainly in Japan and China from its seven offices across Japan and one in Beijing.

59 ARCHETYPE

COUNTRY	VIETNAM
LAST RANKING	76
ARCHITECTS EMPLOYED	189

The Vietnamese group is expanding further throughout the Pacific Rim with the acquisition of the Asia Pacific operations of engineer and consulting firm Tebodin. This has enabled Archetype to increase its activities in Singapore and China, particularly in the industrial sector. Archetype is also planning to open offices in Malaysia and potentially the Philippines in 2017.

Last year it was most active in the healthcare, hospitality, offices, residential and mixed-use high-rise sectors. Notable projects included the Ho Chi Minh Telecom building in Ho Chi Minh City, Vietnam, Shihanoukville International Airport in Cambodia and several commissions in Ulaanbaatar, Mongolia, including a Porche showroom.

60 WONG TUNG & PARTNERS

COUNTRY	CHINA
LAST RANKING	55
ARCHITECTS EMPLOYED	188

Residential work continues to be the strongest sector for this Chinese practice, which reports steady growth supported by a recent government policy to speed up housing supply as well as investment in education, healthcare and public infrastructure. While the practice works across most sectors, its other busiest markets last year were offices, hospitality and retail. Almost all of Wong Tung's work is in China and the wider Pacific Rim region.

Wong Tung is part of the design team for the super high-rise Changsha IFS Towers, a hotel and office development under construction in Hunan Province, China. The project includes a 452m-tall skyscraper.



Above: The New Kochi prefectural and municipal library by AXS Satow.

REGIONAL
TOP 10**Where in the world?**

The top architectural firms in each global region ranked by fee income



Australasia: Woods Bagot's Christchurch Convention Centre is intended as a catalyst for the city's earthquake recovery plan.



Central and eastern Europe: The 30-storey Now Bomonti building by Tabanlıoğlu Architects, currently under construction in Istanbul.

AFRICA

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	Tabanlıoğlu Architects	Turkey	25.0
2	Bogertman + Partners	South Africa	16.2
3	Page	USA	15.0
4	CallisonRTKL	USA	7.8
5	Jacobs	USA	6.0
6	Gensler	USA	5.1
7	IDOM	Spain	5.0
8	Perkins+Will	USA	4.6
9	Thomson Adsett	Australia	4.5
10	Saraiva + Associados	Portugal	4.2

CENTRAL AND EASTERN EUROPE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	HDR	USA	28.2
2	Tabanlıoğlu Architects	Turkey	25.0
3	Gensler	USA	17.0
4=	AECOM	USA	16.0
4=	ATP	Austria	16.0
6	CallisonRTKL	USA	12.6
7	Dennis Lau & Ng Chun Man	China	8.0
8	APA Wojciechowski	Poland	7.6
9	Foster + Partners	UK	6.8
10	Chapman Taylor	UK	6.0

AUSTRALASIA

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	Jacobs	USA	215.0
2	Woods Bagot	Australia	64.0
3	Buchan Group	Australia	50.1
4	GHDWoodhead	Australia	41.9
5	Bates Smart	Australia	41.0
6	Architectus	Australia	40.0
7	HDR	USA	25.1
8=	AECOM	USA	24.0
8=	Hames Sharley	Australia	24.0
10=	Archetype	Vietnam	19.0
10=	Thomson Adsett	Australia	19.0

CENTRAL ASIA (inc India)

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	Jacobs	USA	35.0
2	Gensler	USA	27.9
3	Tabanlıoğlu Architects	Turkey	25.0
4	Stantec	Canada	12.6
5	Nikken Sekkei	Japan	11.0
6	Heerim	South Korea	9.3
7	Nihon Sekkei	Japan	8.7
8	CP Kukreja Architects	India	8.5
9	Sunjin	South Korea	8.4
10	DSP Design Associates	India	7.9

MIDDLE EAST

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	KEO	Kuwait	142.4
2	Foster + Partners	UK	90.0
3	Jacobs	USA	90.0
4	Gensler	USA	80.0
5	Stantec	Canada	70.0
6	Dewan	UAE	61.0
7	EHAF	UAE	51.6
8	National Engineering Bureau	UAE	38.0
9	Gulf Consult	Kuwait	35.0
10	Perkins+Will	USA	33.5

NORTH AMERICA

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	Gensler	USA	762.7
2	Jacobs	USA	722.0
3	Perkins+Will	USA	260.3
4	Stantec	Canada	252.7
5	HOK	USA	233.0
6	HDR	USA	219.3
7	HKS	USA	214.8
8	IBI Group	Canada	190.0
9	DLR Group	USA	164.6
10	SmithGroupJJR	USA	158.6

SOUTH AND CENTRAL AMERICA

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	Foster + Partners	UK	26.0
2	IDOM	Spain	25.0
3	Gensler	USA	20.0
4	Jacobs	USA	12.0
5	GVA	Mexico	10.5
6	Sunjin	South Korea	8.6
7	Lemay	Canada	5.0
8	Gomez Vazquez International	Mexico	4.8
9	CallisonRTKL	USA	4.3
10	Junglim	South Korea	3.0



Western Europe: CF Møller's Lego campus in Billund, Denmark.

PACIFIC RIM (inc China)

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	Nikken Sekkei	Japan	553.4
2	Aedas	China	189.4
3	Gensler	USA	178.4
4	Mitsubishi Jisho Sekkei	Japan	169.3
5	Heerim	South Korea	157.3
6	P&T	China	150.0
7	Nihon Sekkei	Japan	115.2
8	Kume Sekkei	Japan	93.0
9	AECOM	USA	92.0
10	Kunwon	South Korea	81.1

WESTERN EUROPE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME US \$MILLION
1	ATP	Austria	65.0
2	BDP	UK	51.5
3	Allies and Morrison	UK	48.7
4	Allford Hall Monaghan Morris	UK	44.9
5	C.F. Møller	Denmark	44.5
6	Gensler	USA	44.1
7	Itten+Brechtbühl	Switzerland	43.3
8	tp bennett	UK	35.7
9	Broadway Malyan	UK	35.3
10	Foster + Partners	UK	34.4

MARKET SECTORS TOP 10

Project types

The top architecture practices in each market sector ranked by fee income



GMP's Tehran Exhibition Centre, which opened last year.

CULTURE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Tabanlıoğlu Architects	Turkey	25.0
2	Gensler	USA	22.8
3	HDR	USA	15.7
4	AXS Satow	Japan	14.4
5	Jacobs	USA	9.5
6	IDOM	Spain	8.0
7	SmithGroupJJR	USA	7.2
8	GMP	Germany	7.0
9	Diamond Schmitt Architects	Canada	5.5
10	Ishimoto	Japan	5.3

EDUCATION

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	DLR Group	USA	82.0
2	Jacobs	USA	70.0
3	Stantec	Canada	65.2
4	PBK	USA	55.2
5	Perkins+Will	USA	51.9
6	HDR	USA	37.6
7	Cannon Design	USA	35.5
8	Gensler	USA	35.4
9	Page	USA	34.0
10	IBI Group	Canada	30.0

ELDERLY LIVING

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Thomson Adsett	Australia	9.5
2	IBI Group	Canada	9.0
3	Gensler	USA	6.5
4	Heerim	South Korea	2.8
5	Stantec	Canada	2.6
6	Itten+Brechtbühl	Switzerland	2.4
7=	ATP	Austria	2.0
7=	Hames Sharley	Australia	2.0
9	dwplstutors	Australia	1.9
10	Nihon Sekkei	Japan	1.6

GOVERNMENT

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Jacobs	USA	175.0
2	Gensler	USA	43.8
3	Page	USA	36.0
4	DLR Group	USA	32.2
5	HDR	USA	21.9
6	HOK	USA	21.0
7=	IBI Group	Canada	20.0
7=	P&T	China	20.0
9	Populous	USA	20.0
10	Leo A Daly	USA	15.9

HEALTHCARE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	HDR	USA	188.0
2	Stantec	Canada	129.3
3	HKS	USA	100.8
4	Perkins+Will	USA	98.4
5	NBBJ	USA	83.0
6	Cannon Design	USA	78.1
7	Jacobs	USA	78.0
8	SmithGroupJJR	USA	51.4
9	Nikken Sekkei	Japan	43.1
10	CallisonRTKL	USA	40.0

HOSPITALITY

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Gensler	USA	92.7
2	Aedas	China	52.8
3	HKS	USA	41.2
4	Nikken Sekkei	Japan	30.3
5	Dewan	UAE	27.0
6	Jacobs	USA	24.0
7	KEO	Kuwait	23.8
8	P&T	China	20.0
9	CallisonRTKL	USA	18.2
10	EHAF	UAE	15.2

MASTERPLANNING

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Nikken Sekkei	Japan	70.0
2	KEO	Kuwait	32.5
3	Heerim	South Korea	28.7
4	Gensler	USA	26.9
5	CallisonRTKL	USA	23.3
6	SmithGroupJJR	USA	17.8
7	Nihon Sekkei	Japan	17.7
8	Allies and Morrison	UK	15.4
9=	HOK	USA	15.0
9=	IBI Group	Canada	15.0

OFFICES

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Gensler	USA	516.9
2	Nikken Sekkei	Japan	203.8
3	Perkins+Will	USA	128.9
4	Mitsubishi Jisho Sekkei	Japan	118.8
5	HOK	USA	93.0
6	Jacobs	USA	83.0
7	Woods Bagot	Australia	65.0
8	NBBJ	USA	49.0
9	Stantec	Canada	45.9
10	SmithGroupJJR	USA	41.9

HERITAGE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Purcell	UK	22.8
2	Gensler	USA	13.7
3	Stantec	Canada	9.0
4	Tabanlıoglu Architects	Turkey	5.0
5	Wilmotte & Associés	France	3.6
6	Junglim	South Korea	3.0
7	Goettsch Partners	USA	1.9
8	HPP Architects	Germany	1.8
9	Kunwon	South Korea	1.1
10=	HOK	USA	1.0
10=	Lemay	Canada	1.0

INFRASTRUCTURE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Leo A Daly	USA	32.7
2	IBI Group	Canada	30.0
3	KEO	Kuwait	17.5
4	Architectus	Australia	10.0
5=	Gulf Consult	Kuwait	10.0
5=	Nordic Office of Architecture	Norway	10.0
7	Sunjin	South Korea	8.1
8	Heerim	South Korea	8.1
9=	Jacobs	USA	5.0
9=	UNStudio	Holland	5.0

MIXED-USE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	KEO	Kuwait	127.8
2	Gensler	USA	75.0
3	Aedas	China	69.9
4	Nikken Sekkei	Japan	61.1
5	IBI Group	Canada	38.0
6	Foster + Partners	UK	31.4
7	Allford Hall Monaghan Morris	UK	24.6
8	Haeahn	South Korea	24.1
9	Ronald Lu & Partners	China	22.5
10	P&T	China	20.0



Nikken Sekkei's Modern Media Plaza in Shanghai.



CallisonRTKL's expansion of Chadstone shopping centre in Melbourne - Australia's largest mall.

RESIDENTIAL

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Heerim	South Korea	78.6
2	Nikken Sekkei	Japan	41.6
3	IBI Group	Canada	35.0
4	Kunwon	South Korea	34.0
5	CallisonRTKL	USA	32.0
6	P&T	China	30.0
7	Woods Bagot	Australia	26.0
8	Bates Smart	Australia	25.9
9	Aedas	China	20.9
10	Wong Tung & Partners	China	20.0

RETAIL

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Jacobs	USA	168.0
2	Gensler	USA	161.3
3	CallisonRTKL	USA	128.6
4	Foster + Partners	UK	46.5
5	Buchan Group	Australia	44.5
6	MG2	USA	42.4
7	Stantec	Canada	30.5
8	Woods Bagot	Australia	25.0
9	Heerim	South Korea	24.2
10	ATP	Austria	23.0



Populous' Simonds Stadium in Geelong, Australia.

SCIENCE

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Jacobs	USA	365.0
2	Nikken Sekkei	Japan	36.5
3	HDR	USA	31.3
4	ATP	Austria	30.0
5	Perkins+Will	USA	29.4
6	HOK	USA	29.0
7	Gensler	USA	27.0
8	Cannon Design	USA	22.7
9	Stantec	Canada	20.1
10	SmithGroupJJR	USA	19.6

SPORT

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Populous	USA	76.8
2	HKS	USA	44.0
3	Gensler	USA	39.0
4	HOK	USA	29.0
5	Foster + Partners	UK	27.2
6	Nikken Sekkei	Japan	14.4
7	GMP	Germany	12.0
8	IDOM	Spain	11.0
9	DLR Group	USA	8.7
10	Nihon Sekkei	Japan	8.0

TRANSPORT

RANK 2017	PRACTICE	COUNTRY	FEE INCOME \$US MILLION
1	Jacobs	USA	142.0
2	Foster + Partners	UK	67.1
3	Leo A Daly	USA	47.1
4	Gensler	USA	42.0
5	Corgan	USA	41.7
6	HOK	USA	36.0
7	IDOM	Spain	23.0
8	Nikken Sekkei	Japan	20.7
9	Aedas	China	20.1
10	EHAF	UAE	16.0