BRITISH INFRASTRUCTURE GROUP





www.britishinfrastructuregroup.com

BIG IS BEAUTIFUL IN GLOBAL

ROCHERONS

BIG IS BEAUTIFUL TURE?

ROCHERONS

ROC

- INFRASTRUCTURE IS GLOBAL
- THE UK REPRESENTS 3% OF GLOBAL OUTPUT
- UK CONTRACTORS RANKED OUTSIDE GLOBAL TOP 50 BY INTERNATIONAL TURNOVER
- A IDEA OF A GLOBAL BRITISH INFRASTRUCTURE GROUP TO PARTICIPATE IN FUTURE
- THE TOP UK CONSTRUCTION& HOUSING GROUPS IN 2015 ARE THE LEGACIES OF THE BREAK-UPS OF LARGE INTERNATIONAL CONSTRUCTION GROUPS IN THE 1980-1990S
- 6. THE OBVIOUS CHOICE- CARILLION/BALFOUR BEATTY MERGER, BUT FAILED TAKE-OVER ATTEMPT IN AUGUST 2014
- 7. WHICH GROUPS SHOULD ALIGN TO FORM A FUTURE GLOBAL BUSINESS IN SELECTED **MARKETS & SECTORS**
- 8. THE UK'S FOCUS ON PPP'S -LEADS THE REFORMS FOR DELIVERING GLOBAL INFRASTRUCTURE
- 9. AND THE THREE KEYS TO SUCCESS-FINANCE, FINANCE, FINANCE
- BRITAIN MUST NOT JUST BE A PARTNER IN EUROPE BUT BE A LEADER IN THE WORLD 10.
- 11. POTENTIAL FUTURE OF THINKING "big"

INFRASTRUCTURE IS GLOBAL



but LARGE UK CONSTRUCTION GROUPS ARE NOT

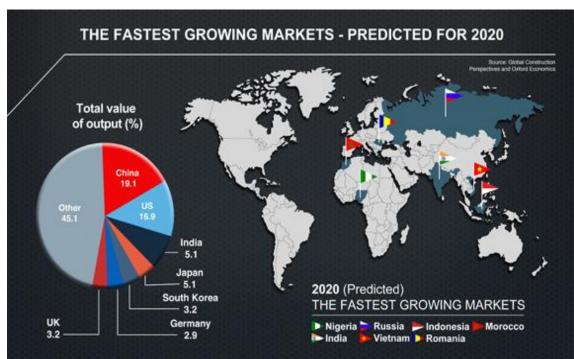


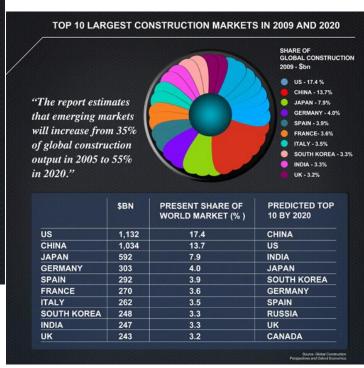
- GLOBAL INFRASTRUCTURE INVESTMENT TO REACH FOUR TRILLION DOLLARS BY 2017
- MAJOR BRITISH INFRASTRUCTURE COMPANIES FOCUS OVERSEAS PRINCIPALLY ONLY ON MAINLAND EUROPE, NORTH AMERICA, MIDDLE EAST & SELECTIVE ASIA PACIFIC MARKETS
- MAJOR BRITISH INFRASTRUCTURE COMPANIES LAG THEIR EUROPEAN, CHINESE & US COMPAETITORS IN SIZE AND INFLUENCE



The UK leads the Global initiative in terms of advice and know-how for Infrastructure Investment & Procurement (eg. PPP), but lags its European, Chinese and US owned competitors in terms of Implementation of Global Infrastructure Projects.

THE UK REPRESENTS 3% OF GLOBAL OUTPUT





The Fastest Growing Markets of the future are in Emerging Markets, while China and USA represent 36% of the Global Market Output. Long Term Growth Strategies for Infrastructure Companies should address Global Trends or retrench to domestic markets. US Companies for example, are already Global in the Provision of Programme and Project Management Services.

UK COMPANIES NOT RANKED IN TOP 50 CONTRACTORS





(Based on global or non domestic turnover)

RA 2015	NK 2014	FRM	2014 REVE TOTAL	NUE \$ MIL.	C
1	3	CHINA RAILWAY GROUP LTD., Beijing, China	113,105.7	5,464.2	1
2	-1	CHINA STATE CONSTRUCTION ENG'G CORP. LTD., Beijing, China	110,579.4	7,239.1	
3	2	CHINA RAILWAY CONSTRUCTION CORP. LTD., Beijing, China	97,044.0	2,450.0	1
4	4	CHINA COMMUNICATIONS CONSTRUCTION GRP. LTD., Beijing, China	60,314.6	15,827.0	1
5	- 5	VINCI, Rueil-Malmaison, France	51,868.8	19,679.9	
6	6	ACS, ACTIVIDADES DE CONSTRUCCION Y SERVICIOS SA, Madrid, Spain	46,081.1	38,707.5	
7	14	POWER CONSTRUCTION CORP. OF CHINA, Beijing, China	38,689.6	11,653.4	-
8	8	BOUYGUES SA, Paris, France	32,335.0	14,201.0	3
9	7	HOCHTIEF AKTIENGESELLSCHAFT, Essen, Germany	31,118.8	29,299.3	1
10	10	CHINA METALLURGICAL GROUP CORP., Beijing, China	30,026.2	2,669.0	
11	9	BECHTEL, San Francisco, Calif., U.S.A.	28,302.0	21,414.0	
12	11	SHANGHAI CONSTRUCTION GROUP, Shanghai, China	26,621.8	746.0	
13	13	CIMIC GROUP LTD., St. Leonards, NSW, Australia	18,898.2	4,407.9	
14	15	SKANSKA AB, Stockholm, Sweden	17,687.2	14,024.9	1
15	12	FLUOR CORP., Irving, Texas, U.S.A.	16,924.9	11,524.1	1
16	16	STRABAG SE, Vienna, Austria	16,470.0	13,972.0	
17	20	HYUNDAI ENGINEERING & CONSTRUCTION CO. LTD., Secul, S. Korea	16,366.4	9,687.4	
18	18	OBAYASHI CORP., Tokyo, Japan	14,957.0	3,357.0	
19	17	EIFFAGE, Vélizy-Villacoublay, France	14,437.0	2,918.0	
20	25	TECHNIP, Paris, France	14,343.6	14,223.6	
21	23	SAMSUNG C&T CORP., Seoul, S. Korez	14,092.0	7,845.0	
22	19	CONSTRUTORA NORBERTO ODEBRECHT SA, Sao Paulo, SP, Brazil	14,042.9	10,199.7	
23	26	SAIPEM, San Donato Milanese, Italy	13,831.9	13,623.4	
24	22	KAJIMA CORP., Tokyo, Japan	12,529.5	2,595.4	
25	21	SHIMIZU CORP., Chuo-ku, Japan	11,992.4	1,420.8	

PANK 2015 2014		FRM	2014 REVE INT'L	NUE \$ MIL. TOTAL
1	1	ACS, ACTIVIDADES DE CONSTRUCCION Y SERVICIOS SA, Madrid, Spain [†]	38,707.5	46,081.1
2	2	HOCHTIEF AKTIENGESELLSCHAFT, Essen, Germany [†]	29,299.3	31,118.8
3	3	BECHTEL, San Francisco, Calif., U.S.A. [†]	21,414.0	28,302.0
4	4	VINCI, Ruel-Matrialson, France [†]	19,679.9	51,868.
5	9	CHINA COMMUNICATIONS CONSTRUCTION GRP. LTD., Beijing, China [†]	15,827.0	60,3143
6	10	TECHNIP, Paris, France [†]	14,223.6	14,3433
7	7	BOUYGUES SA, Paris, France [†]	14,201.0	32,335.
8	8	SKANSKA AB, Stockholm, Sweden [†]	14,024.9	17,687.
9	6	STRABAG SE, Vienna, Austria T	13,972.0	16,470.
10	11	SAIPEM, San Donato Mitarese, Italy [†]	13,623.4	13,831.
11	23	POWER CONSTRUCTION CORP. OF CHINA, Beijing, China [†]	11,653.4	38,689.
12	5	FLUOR CORP., Iving, Texas, U.S.A. [†]	11,524.1	16,924.
13	12	CONSTRUTORA MORBERTO ODEBRECHT SA, Sao Paulo, SP, Brasil [®]	10,199.7	14,042.
14	13	HYUNDAI ENGINEERING & CONSTRUCTION CO. LTD., Sepul, S. Korea	9,687.4	16,366.
15	14	FERROVIAL, Machid, Spain	8,365.6	11,618.
16	17	SAMSUNG CET CORP., Secul, S. Korea	7,845.0	14,092.
17	20	CHINA STATE CONSTRUCTION ENG'G CORP. LTD., Beijing, China [†]	7,239.1	110,579.
18	***	OZTURK HOLDING CO., Istartul, Turkey	6,903.0	7,021.
19	18	ROYAL BAM GROUP NV, Burnik, The Netherlands [†]	6,165.0	9,672.
20	19	ABEINSA SA, Sevile, Spain [†]	5,805.9	6,038.
21	21	PETROFAC LTD., Jessey, Channel Islands, UKC [†]	5,604.4	5,604.
22	24	CONSOLIDATED CONTRACTORS GROUP, Attens, Greece [†]	5,481.6	5,481.
23	28	CHINA RAILWAY GROUP LTD., Beijing, China [†]	5,464.2	113,105.
24	26	CB&I, The Woodkinds, Texas, U.S.A.*	5,436.3	10,317.
25	22	PCL CONSTRUCTION ENTERPRISES INC., Denies, Colo., U.S.A. [†]	5.129.8	7.232

But CAUTION PREVAILS... in the short term UNCERTAINTY CLOUDS MARKET. Falling oil prices, political turmoil and economic disruptions from Europe to China have international firms worried.





The Top 10 by Region

1 RANK 2015 2014		ASIA	
		Top 10 Revenue: \$71,320.8 MB. Sector's Revenue: \$137,406.5 MB.	
1	2	GRUPO ACS	
2	1	HOCHTIEF AKTIENGESELLSCHAFT	
3	3	BECHTEL	
100		POWER CONSTRUCTION CORP. OF CHINA	
5	6	SAMSUNG CAT CORP.	
6	4	CHINA COMMUNICATIONS CONSTRUCTION	
7	9	HYUNDAI ENGINEERING & CONSTRUCTION CO. LTD.	
	8	JGC CORP.	
9	7	CIMIC GROUP LTD.	
10	-	CHINA STATE CONSTRUCTION ENG'S CORP. LTD.	

4		MIDDLE EAST	
RAN 015	E 2014	Top 10 Revenue: \$28,939.5 MIL Sector's Revenue: \$79,026.1 MIL	
1	3	CONSOLIDATED CONTRACTORS GROUP	
2	2	HYUNDAI ENG'G & CONSTRUCTION CO. LTD.	
3	100	OZTURK HOLDING CO.	
4	9	CHINA COMMUNICATIONS CONSTRUCTION	
5	4	FLUOR CORP.	
6	5	SAIPEM	
7	-	PETROFAC LTD.	
8	6	DAELIM INDUSTRIAL CO. LTD.	
9	8	LARSEN & TOUBRO LTD.	
10	10	GS ENGINEERING & CONSTRUCTION	

2 RAS	75.77	EUROPE Top 10 Revenue: \$64,416.4 ML Sector's Revenue: \$90,805.6 ML
	2014	STRABAG SE
2	2	VINCI
3	3	SKANSKA AB
4	- 5	BOUYGUES SA
5	Б	ROYAL BAM GROUP NV
6	7	FERROVIAL
7	100	GRUPO ACS
8	10	TECHNIP
9	1	BECHTEL
10	1	RENAISSANCE CONSTRUCTION

5		LATIN AMERICA / CARIBBEAN				
RAN 2015	K 2014	Top 10 Revenue; \$30,069.5 ML Sector's Revenue; \$53,279.8 ML				
		CONSTRUTORA NORBERTO ODEBRECHT SA				
2	2	GRUPO ACS				
3	5	ABEINSA SA				
4	4	BECHTEL				
5	**	SAIPEM				
6	3	FLUOR CORP.				
7	8	TECHNIP				
8	6	OHL				
9	107	ISOLUX CORSAN				
10		CHINA COMMUNICATIONS CONSTRUCTION				

3		UNITED STATES		
RAN 2015	K 2014	Top 10 Revenue: \$42,476.7 Mil. Sector's Revenue: \$51,151.5 Mil.		
1	1	GRUPO ACS		
2	2	HOCHTIEF AKTIENGESELLSCHAFT		
3	3	SKANSKA AB		
4	-4	LEND LEASE		
5	5	BOUYGUES SA		
6	9	OBAYASHI CORP.		
7	8	TECHNIP		
8	***	ORASCOM CONSTRUCTION LTD.		
9 "		KAJIMA CORP.		
10	6	FERROVIAL		

G RAN DIS		CANADA Top 10 Revenue: \$22,302.7 Mil. Sector's Revenue: \$29,580.1 Mil.
83		PCL CONSTRUCTION ENTERPRISES INC.
2	2	FLUOR CORP.
	4	BECHTEL
	3	KIEWIT CORP.
	9	WORLEYPARSONS
	6	BOUYGUES SA
2	**	AECOM
8	5	GRUPO ACS
9	8	HOCHTIEF AKTIENGESELLSCHAFT
10	10	JACOBS

UK COMPANIES ALSO RANKED OUTSIDE TOP 10 BY REGION



UK Contractors cannot compete on price in many markets, and either focus on innovative services, or quality in niche overseas markets.





THE IDEA OF A GLOBAL BRITISH INFRASTRUCTURE GROUP TO PARTICIPATE IN FUTURE REGIONAL GROWTH

ANEW STRATEGY?

- SHOULD UK COMPANIES FOLLOW EUROPEAN COMPETITORS BY SEEKING MERGER OPPORTUNITIES TO STRENGTHEN BALANCE SHEETS & SUSTAIN ONE-OFF PROJECT LOSSES & LEVERAGE INTERNATIONAL OPPORTUNITY FOR LONG TERM GROWTH
- THERE ARE A LIMITED NUMBER OF UK COMPANIES WHO ARE CANDIDATES FOR MERGER TO FORM A CONSTRUCTION GROUP OF SIZE ON THE EUROPEAN OR GLOBAL ARENA.

Projects to Prosperity: \$4 Trillion on Global Infrastructure Expected



Source: GE 2012 Global Investor Day





THE TOP UK CONSTRUCTION& HOUSING GROUPS IN 2015 ARE THE LEGACIES OF THE BREAK-UPS OF LARGE DIVERSIFIED INTERNATIONAL CONSTRUCTION GROUPS IN THE 1980-1990s











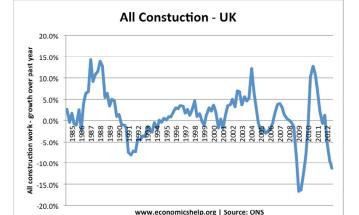














Balfour Beatty

Firms in the construction industry have always had to deal with the challenges of the economic cycle and develop strategies to deal with the resulting fluctuations in their business environment. The result has been M&A activity resulting in de-mergers, insolvencies, sales, reverse take-overs, and asset swaps, leading to diversified asset based businesses becoming predominantly support services groups.



THE TOP UK CONSTRUCTION& HOUSING GROUPS (SOURCE: BUILDING.CO.UK)

9014/15 rank	Company	2014/15 turnover	Pre-tax Profit	Contracting	Housing	Property	Services	Other
1	Balfour Beatty Group Limited	8,793,000,000	304,000,000	000,000,792,8			1,273,000,000	570,000,000
2	Carillion Pic	4,071,900,000	172,900,000	1,600,000,000			2,412,100,000	162,500,000
1	Laing O'Rourke	3,574,300,000	51,900,000	3,574,300,000				
4	Interserve Pic	3,305,300,000	81,900,000	1,178,300,000			1,913,300,000	215,700,000
5	Sarrati Develogments	3,157,000,000	390,800,000		1,142,000,000	14,400,000		
ā	Kier Group PLC	2,955,000,000	73,100,000	1,597,000,000		284,000,000	1,104,000,000	
7	Taylor Wilmgey	2,558,100,000	450,100,000		2,658,100,000			





THE LOST OPPORTUNITYFAILED TAKE-OVER ATTEMPT OF BALFOUR BEATTY BY CARILLION IN AUGUST 2014

INDUSTRY COMMENTS AFTERWARDS:

- BALFOUR BEATTY LEFT WEAK AFTER REJECTING CARILLION BID
- GULF WIDENS BEWTEEN BALFOUR BEATTY AND CARILLION
- CARILLION ISSUES REASSURINGLY DULL TRADING STATEMENT JUST DAYS AFTER IT REVEALS A £75M BLACK HOLE IN ITS PROFITS
- AFTER SEVEN PROFIT WARNINGS, BALFOUR BEATTY'S RECOVERY BEGINS NOW. BUT THE OPPORTUNITY IS LOST.

Balfour Beatty profit warnings



Apr 13 £50m

May 14 £30m Jul 14 £35m Sep 14 £75m

THE NEW BBC?



£3.3bn Combined value of Balfour Beatty Carillion

£14bn Combined revenues

9.2pc Rise in Balfour shares

7.3pc Rise in Carillion shares

THIS IS A TAKEOVER, NOT A

MERGER OF

EQUALS.

UOTEHD.COM Adrian Pil



WHICH GROUPS COULD ALIGN TO FORM A FUTURE **GLOBAL BUSINESS IN SELECTED MARKETS & SECTORS**

JUST A FEW CANDIDATES

Public Private Partnerships

UK Export Finance

Support Services & Facilities Management

Investment, Mergers & Acquisitions Healthcare





- Energy
- Education

Infrastructure







- Sanitation
- Defence & Security















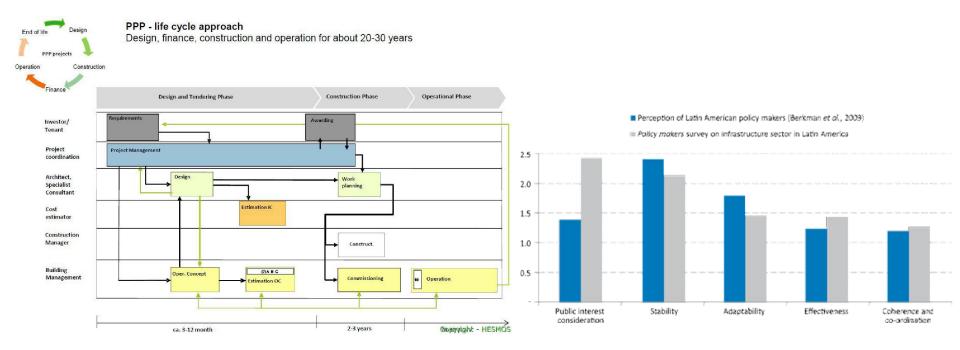


The "BIG" GROUP SHOULD BE DIVERSIFIED IN MARKETS & SECTORS & DISCIPLINES



THE UK'S FOCUS ON PPP'S -LEADS THE REFORMS FOR DELIVERING INFRASTRUCTURE





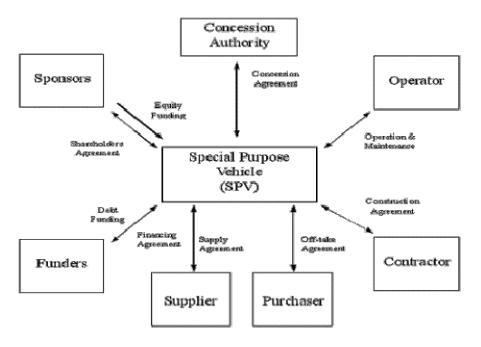
British Consultants are helping introduce Institutional Change, but British owned Designers, Constructors, Operators, Support Services Providers and Investors are under-represented in many Emerging Markets.



AND THE THREE KEYS TO SUCCESS-FINANCE, FINANCE







THE MAIN LISTED MERGER CANDIDATES











Market Cap	Turnover
£583m	£2.9bn
£1148m	£3.5bn
£1647m	£7.3bn
£1240m	£3.3bn

POTENTIAL FUTURE OF THINKING "BIG"

THE BRITISH INFRASTRUCTURE GROUP SHOULD HAVE LONG TERM AMBITIONS FOR GENERATING INFRASTRUCTURE RELATED BUSINESSES ACROSS THE DEVELOPED WORLD AND IN EMERGING MARKETS THROUGH PARTNERSHIP, INVESTMENT, ENGINEERING, PROCUREMENT, CONSTRUCTION, OPERATIONS AND MAINTENANCE, AND SUPPORT SERVICES IN THE PUBLIC AND PRIVATE SECTORS AND THROUGH PUBLIC PRIVATE PARTNERSHIPS.





THE OPPORTUNITY

- 1. INFRASTRUCTURE IS GLOBAL
- 2. THE UK REPRESENTS 3% OF GLOBAL OUTPUT
- 3. UK CONTRACTORS RANKED OUTSIDE GLOBAL TOP 50 BY INTERNATIONAL TURNOVER AND REGIONALLY
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THANK YOU

"With so many conflicting strategies vying for your attention, you may be uncertain what your next move should be. The Risk Reward Assessment and focus on short term shareholders' return are always priorities for Publicly Listed Companies. The option that interests me is that of involvement in international Infrastructure Development, Public Private Partnerships, and Global Business Development. That leads me to promote to you the Think Big idea of a forming a future Global British Infrastructure Group as an Infrastructure Investor, Designer & Constructor, and Support Services and Facilities Management Company. The route to do so is through Merger of the UK's largest Construction Groups which offer synergy, complimentary skills, and resource to put the combined Group on the World Stage to compete with its European, US, Chinese and other Global Competitors."

Greg Malpass (February 2016)



HILLIAN OR THE LOND ON THE LON

