



WEST MIDLANDS
COMBINED AUTHORITY

GROWING THE UK ECONOMY
THROUGH A MIDLANDS ENGINE

BIRMINGHAM • COVENTRY • DUDLEY • SANDWELL • SOLIHULL • WALSALL • WOLVERHAMPTON

WMCA Productivity & Skills Commission

Supporting Evidence Pack November 2016

- ✓ Slide 3 – WMCA Productivity Problem Statement
- ✓ Slide 4 – Output Gap Analysis
- ✓ Slide 5 onwards –Sector Scorecards covering 7 Transformational Sectors:
 - Advanced manufacturing and engineering;
 - Business, professional and financial services;
 - Construction (building technologies);
 - Digital and creative;
 - Lifesciences and health care;
 - Logistics and transport technologies;
 - Low carbon and environmental technologies.
- ✓ - The Sector Scorecards include:
 - An analysis of the sectors and sub sectors in terms of GVA, jobs and Businesses – current and ambitions levels
 - Identification of the top 50 companies in each sector and an high/medium/low value added impact analysis
 - Foreign ownership analysis

P1 – On all Measures of Productivity Performance of the WMCA is below the National Average

Output Gap

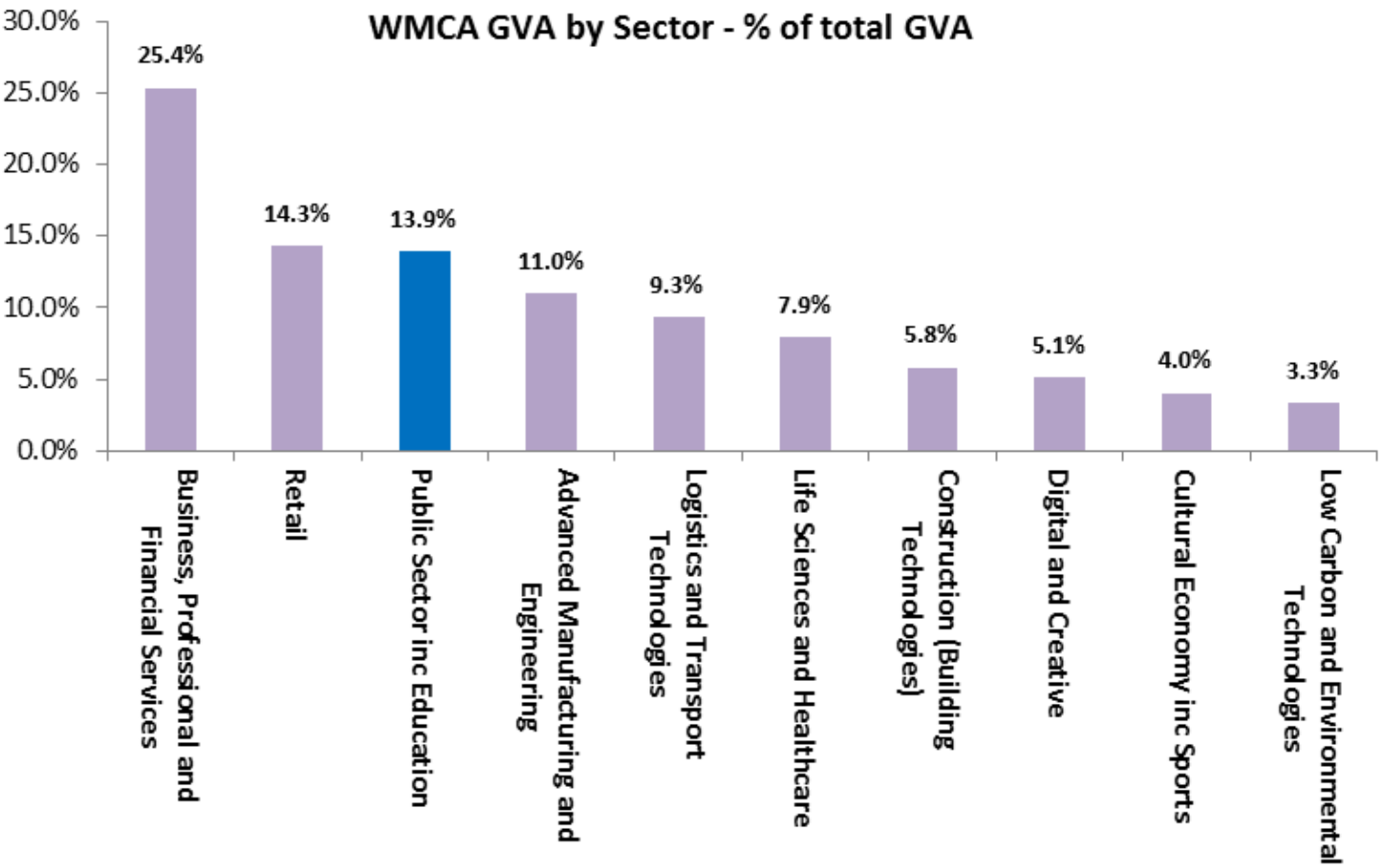
P1.1 There is a £14bn Output Gap - GVA per head in the WMCA is currently at £19,423 – which is nearly £3,500 less for each of the 4 million WMCA residents leading to a £14bn output gap compared to the national average.

Current
GVA per
Head



Sectoral Variation

	GVA (£m, 2013)		Jobs (2013)		GVA per employee (2013)	
	WMCA Total	%	WMCA Total	%	WMCA	UK
Total	77,727		1,899,264		£40,925	£45,428
Business, Professional and Financial Services	19,731	25.4%	317,503	16.7%	£62,144	£77,324
Retail	11,078	14.3%	316,277	16.7%	£35,026	£35,811
Public Sector inc Education	10,802	13.9%	318,104	16.7%	£33,956	£37,370
Advanced Manufacturing and Engineering	8,572	11.0%	184,156	9.7%	£46,545	£49,267
Logistics and Transport Technologies	7,266	9.3%	152,794	8.0%	£47,555	£48,283
Life Sciences and Healthcare inc. NHS	6,122	7.9%	248,829	13.1%	£24,605	£26,970
Construction (Building Technologies)	4,533	5.8%	118,615	6.2%	£38,218	£41,929
Digital and Creative	3,930	5.1%	72,373	3.8%	£54,300	£63,641
Cultural Economy inc Sports	3,143	4.0%	147,989	7.8%	£21,236	£21,456
Low Carbon and Environmental Technologies	2,550	3.3%	22,624	1.2%	£112,717	£105,412



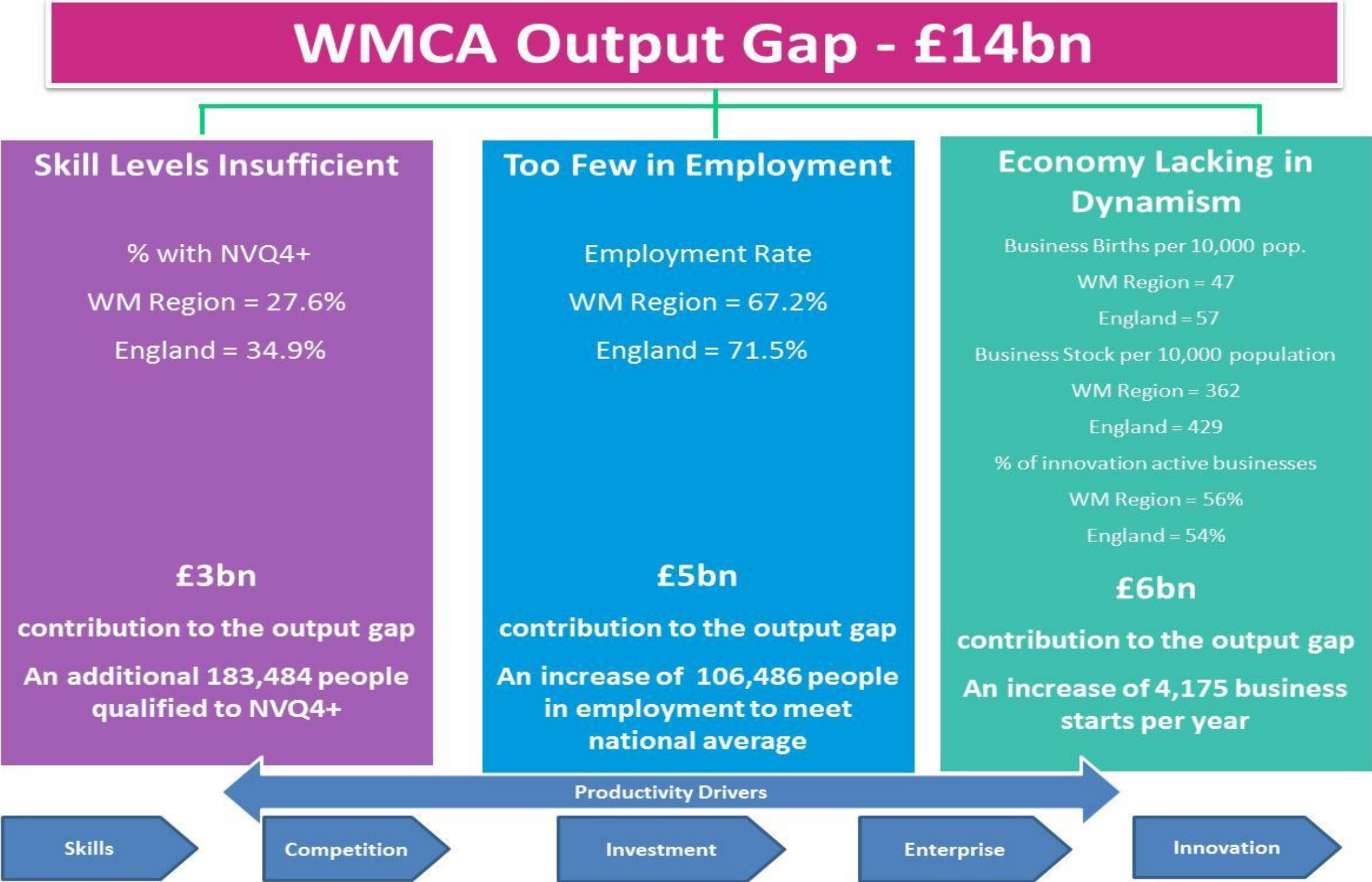
Public Sector Productivity - £10.8bn

(Based on total GVA for Public Sector SIC codes). Further work to be undertaken on public sector productivity.

Data provided by Black Country Economic intelligence Unit utilising Oxford Economic Model Data September 2015, GVA figures are based on 2013 data. GVA is based on national accounts data and measures the value of goods and services produced in the area/sector.

Components of the Output Gap

P2 - The Components of the Output Gap highlights issues across all the productivity drivers with insufficient skills, too few in employment and the quantum and quality of the indigenous WMCA business base – its growth potential and FDI needs a focus.

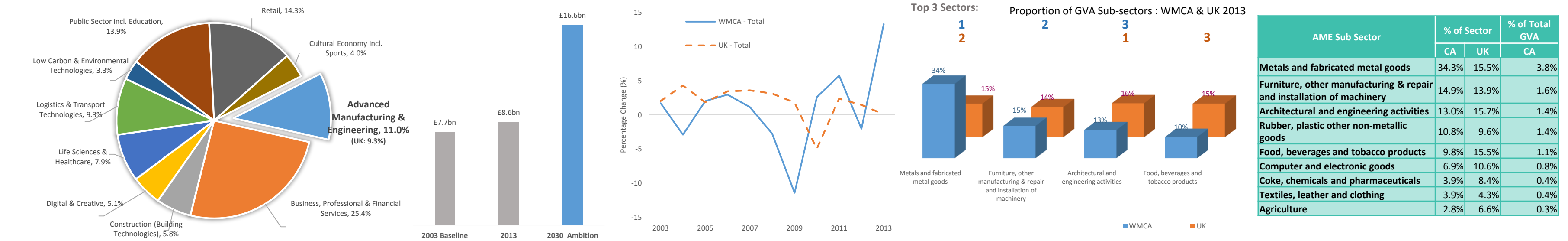


GVA Current GVA: £8.6bn
11.0% of total WMCA GVA

Growth Ambition: £16.6bn
+£8.1bn GVA

Growth Rates 2010 – 2013
WMCA : 17.3% (+£1.2bn) UK : +3.8%

Most important sector: Metals and fabricated metal goods (34.3%)

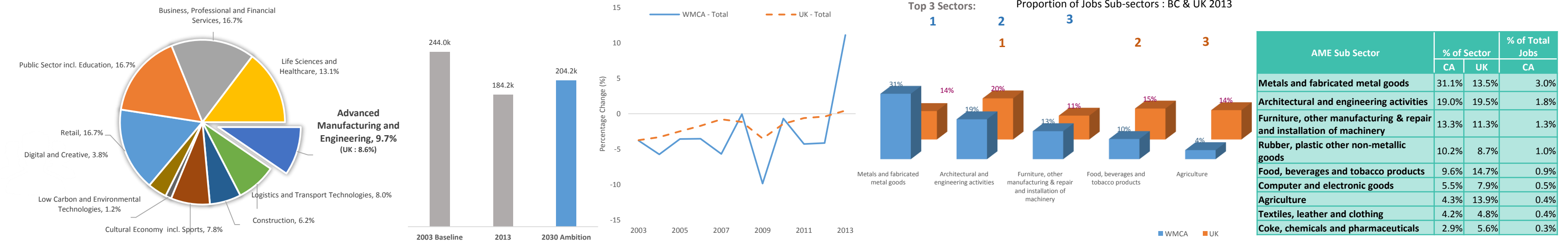


JOBS Current Jobs: 184,000
9.7% of total jobs

Growth Ambition: 204,000
+ 20,000 jobs

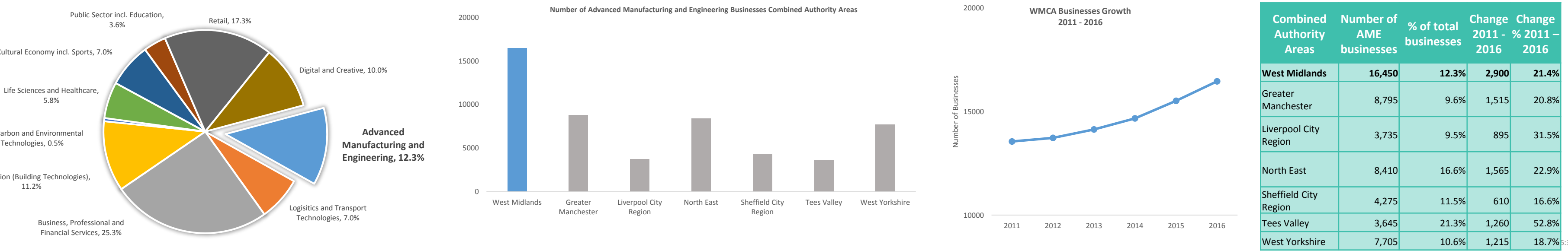
Growth Rates 2010 - 2013
WMCA : +2.0% (+3,600 Jobs) UK : - 0.6%

Most important sector: Metals and fabricated metal goods (31.1%)



BUSINESSES Current Businesses: 16,450
12.3% of total businesses

Growth Rates 2011 - 2016
+21.4%



Advanced Manufacturing & Engineering : Top 50 Businesses by GVA											
 £3.5bn GVA										 £70,505 Average GVA per employee	

No.	Company name	Industry Classification Benchmark	Ownership	GVA (£m)- Latest	Profit (Loss) before Tax th GBP Last avail. yr	Employee Costs Latest	Depreciation th GBP Last avail. yr	Total Amortization and Impairment th GBP Last avail. yr	GVA per employee	Employee costs + depreciation	GVA/ Costs	GVA Change 1yr %
1	Boparan Holdco Limited	Food Producers	UK	544,100	-54,200	512,800	55,100	30,400	23,683	567,900	95.8%	8.4%
2	AAH Pharmaceuticals Limited	Pharmaceuticals & Biotechnology	Foreign	329,762	230,277	89,194	7,473	2,818	118,194	96,667	341.1%	26.9%
3	Molson Coors Brewing Company (UK) Limited	Beverages	Foreign	237,523	83,731	104,676	47,148	1,968	118,940	151,824	156.4%	59.5%
4	Tulip Limited	Food Producers	Foreign	199,952	9,460	155,846	34,646		32,555	190,492	105.0%	-5.4%
5	Cadbury UK Limited	Food Producers	Foreign	163,727	99,278	64,006	4	439	146,840	64,010	255.8%	8.8%
6	Baxi Heating UK Limited	Construction & Materials	UK	104,955	36,357	55,584	5,139	7,875	67,626	60,723	172.8%	-4.5%
7	AGA Rangemaster Group Limited	Construction & Materials	Foreign	91,400	700	83,700	4,700	2,300	35,801	88,400	103.4%	3.4%
8	Pirelli UK Tyres Limited	Automobiles & Parts	Foreign	88,450	17,549	58,995	11,842	64	76,184	70,837	124.9%	10.0%
9	GE Energy Power Conversion UK Limited	Electricity	Foreign	84,982	4,370	77,711	2,901		67,393	80,612	105.4%	-2.1%
10	Epwin Group PLC	Construction & Materials	UK	84,100	18,600	60,000	5,500		37,968	65,500	128.4%	-1.8%
11	Tarmac Cement And Lime Limited	Construction & Materials	UK	78,000	16,400	38,800	21,800	1,000	99,490	60,600	128.7%	-9.0%
12	Timet UK Limited	Industrial Metals & Mining	Foreign	76,139	34,142	33,622	8,375		117,137	41,997	181.3%	4.2%
13	Specialist Building Products Limited	Construction & Materials	UK	73,036	16,649	51,418	4,278	691	39,078	55,696	131.1%	12.4%
14	Goodrich Control Systems	Aerospace & Defence	Foreign	72,100	26,500	37,600	3,500	4,500	125,391	41,100	175.4%	-69.2%
15	Castings Public Limited Company	Industrial Engineering	UK	69,395	19,676	42,866	6,853		61,141	49,719	139.6%	5.8%
16	B.E. Wedge Holdings Limited	Industrial Metals & Mining	UK	64,785	18,817	41,438	3,767	763	61,466	45,205	143.3%	33.7%
17	Marley Eternit Limited	Construction & Materials	Foreign	60,300	22,700	30,600	2,100	4,900	79,973	32,700	184.4%	22.3%
18	Assa Abloy Limited	General Industrials	Foreign	59,901	8,838	37,902	1,528	11,633	56,245	39,430	151.9%	30.6%
19	Wabtec Rail Limited	Industrial Transportation	Foreign	56,940	12,771	41,715	1,436	1,018	55,228	43,151	132.0%	16.4%
20	Goodyear Dunlop Tyres UK Limited	Automobiles & Parts	Foreign	52,308	12,289	37,347	2,634	38	73,261	39,981	130.8%	5.0%
21	Aviagen Limited	Food Producers	Foreign	51,233	39,254	10,528	1,451		179,136	11,979	427.7%	13.7%
22	Voith Industrial Services Limited	Automobiles & Parts	Foreign	49,580	4,039	44,931	450	160	22,996	45,381	109.3%	99.2%
23	Sertec Group Limited	Industrial Metals & Mining	UK	48,770	15,291	30,681	2,571	227	43,779	33,252	146.7%	43.6%
24	F.W. Thorpe Public Limited Company	Electronics & Electrical Equipment	UK	37,645	14,395	21,647	947	656	68,821	22,594	166.6%	17.0%
25	Saint-Gobain Glass (United Kingdom) Limited	Construction & Materials	Foreign	36,258	-1,500	35,610	2,148		35,864	37,758	96.0%	5.9%
26	Morgan Technical Ceramics Limited	General Industrials	UK	35,783	11,590	22,286	1,857	50	45,935	24,143	148.2%	-4.1%
27	Tarmac Building Products Limited	Construction & Materials	UK	33,549	3,275	27,804	2,470		42,738	30,274	110.8%	33.4%
28	Interiors Manufacturing Limited	Construction & Materials	UK	32,377	14,227	17,452	750	-52	92,771	18,202	177.9%	91.3%
29	Victoria P.L.C.	Household Goods & Home Construction	UK	32,219	-2,953	31,899	3,003	270	31,403	34,902	92.3%	35.7%
30	Sandvik Limited	Industrial engineering	Foreign	31,323	5,770	22,378	3,175		65,667	25,553	122.6%	12.5%
31	Clinigen Group PLC	Pharmaceuticals & Biotechnology	UK	30,493	8,355	11,182	441	10,515	196,729	11,623	262.4%	-6.3%
32	The Amtico Company Limited	Construction & Materials	Foreign	29,956	9,830	18,476	1,650		72,886	20,126	148.8%	19.3%
33	ZF Lemforder UK Limited	Automobiles & Parts	Foreign	29,798	6,412	16,075	7,311		85,626	23,386	127.4%	6.9%
34	Voestalpine Metsec PLC	Industrial Engineering	Foreign	29,629	13,518	13,600	2,511		86,889	16,111	183.9%	8.9%
35	Lytham Holdco Limited	Construction & Materials	Foreign	29,471	994	25,120	2,637	720	15,802	27,757	106.2%	32.7%
36	Page Aerospace Limited	Aerospace & Defence	Foreign	28,201	20,851	7,341	-31	40	176,256	7,310	385.8%	-2238.1%
37	Brintons Carpets Limited	Construction & Materials	Foreign	28,031	994	25,120	2,637	-720	15,030	27,757	101.0%	32.1%
38	Quartzelec Ltd	Construction & Materials	UK	28,030	2,458	24,524	1,032	16	48,328	25,556	109.7%	7.5%
39	Blanc Aero Industries UK Limited	Aerospace & Defence	UK	27,482	11,056	15,160	1,266		73,481	16,426	167.3%	-10.7%
40	Legrand Electric Limited	Electronics & Electrical Equipment	Foreign	26,740	6,836	17,142	1,413	1,349	51,721	18,555	144.1%	58.1%
41	Salts Healthcare Limited	Health Care Equipment & Services	UK	26,524	5,586	17,952	1,454	1,532	42,712	19,406	136.7%	22.8%
42	Elta Group Limited	Industrial Engineering	UK	26,482	3,409	20,983	1,414	676	41,836	22,397	118.2%	9.0%
43	Mondelez International Services Limited	Food Producers	Foreign	26,222	-249	19,780	6,691		66,723	26,471	99.1%	-9.2%
44	Maneto (UK) 3 Limited	Construction & Materials	Foreign	26,077	-7	22,427	1,720	1,937	55,131	24,147	108.0%	11.8%
45	Hadley Industries PLC	Industrial Metals & Mining	UK	25,607	6,161	15,881	3,565		51,731	19,446	131.7%	2.7%
46	Doncasters Aerospace Limited	Aerospace & Defence	Foreign	23,551	8,214	13,765	1,316	256	61,652	15,081	156.2%	-48.0%
47	Mettis Aerospace Limited	Aerospace & Defence	UK	23,407	2,914	17,098	2,774	621	45,806	19,872	117.8%	-5.4%
48	Covpress Limited	Automobiles & Parts	UK	23,274	5,226	15,713	2,335		79,979	18,048	129.0%	47.3%
49	Air Liquide UK Limited	Gas, Water & Multi-utilities	Foreign	23,137	7,117	11,877	4,143		83,527	16,020	144.4%	-7.1%
50	CPC Foods Limited	Food Producers	Foreign	22,927	6,160	14,398	898	1,471	50,723	15,296	149.9%	20.5%

Advanced Manufacturing & Engineering- UK 2013 GVA per employee - £49,267
34 of the above 50 companies (68%) have above average GVA per employee

GVA is calculated by adding together operating profit, employee costs, depreciation and amortisation/impairment charges. There are 2 measures of companies' efficiency of wealth creation: labour productivity defined as GVA per employee and the ratio of GVA to the costs of employment and depreciation used to create it. The data was produced by conducting a search of FAME for active companies with registered offices in the area and selecting the largest companies by turnover based on the most recent filed accounts. Businesses have been classified using the 41 sectors in the Industry Classification Benchmark (ICB) structure for sector and industry analysis, supported by the ICB database which is maintained by FTSE International Limited.

GVA Growth

- GVA generated by the top 50 businesses has **increased by 7.4%** over 1yr period
- 36 of the top 50 businesses have **increased GVA** over a 1yr period
- 16 businesses have **increased GVA by 20% and over**

Foreign Ownership & Listing

- 29 companies in the top 50 are **foreign owner**
- The largest foreign owned company in the top 50 is ranked 2nd - **AAH Pharmaceuticals Limite**
- The largest number of global owners are in the **USA** (13 businesses)
- Average GVA per employee for these business is **£76,854**
- 5 businesses are listed on the London Stock Exchange

GVA Impact (£m)

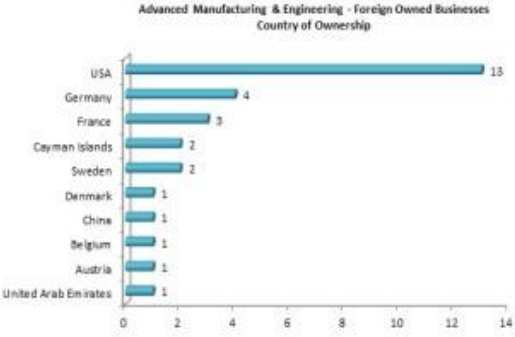
Number of Companies
(% of top 50 GVA)

High
£100-£600m
6 (45%)

Medium
£50 – 99,999
15 (30%)

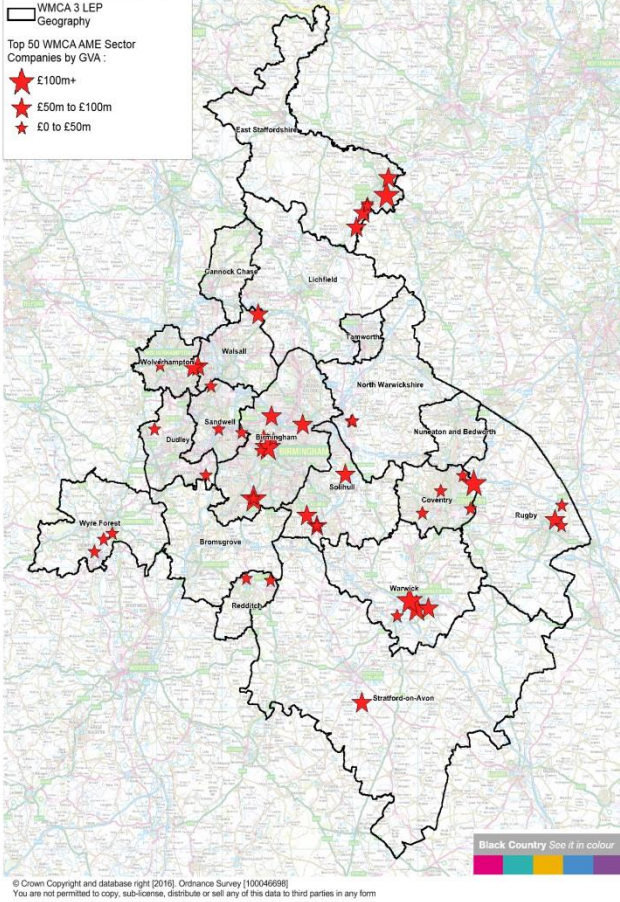
Low
£0-£49,999m
29 (25%)

- Over half of the top 50 businesses (29 businesses) generate under £50m GVA
- Six businesses generate over £100m, accounting for 45% of total GVA generated by the top 50 businesses



Foreign Owned Strategic Businesses: City HQs	
USA	San Francisco
	Denver
	Deerfield
	Elgin
	Fairfield
	Omaha
	Farmington
	Wilmerding
	Akron
	Salem
Germany	Mannheim
	Lemforde
	Paris
France	Courbevoie
	Limoges
Sweden	Stockholm
	Randers
	Brussels
Belgium	Brussels
	Linz

TOP 50 ADVANCED MANUFACTURING & ENGINEERING SECTOR COMPANIES WITHIN WEST MIDLANDS COMBINED AUTHORITY



Sub Sector Analysis

- 60% of GVA generated by the top 50 businesses is concentrated in 3 sub sectors: **Food Producers (29.7%); Construction & Materials (20.9%) and Pharmaceuticals & Biotechnology (10.2%)**
- The majority of high GVA businesses are **Food Producers**. This sub sector accounts for 30% of the total GVA generated by the top 50 businesses. Boparan Holdco is the highest ranking business
- Construction & Materials** has the highest proportion of businesses in the top 50 (14 businesses)
- Pharmaceuticals & Biotechnology** has the highest GVA per employee
- 12 of the 15 sub sectors have seen GVA growth over a one-year period, with 6 sectors growing above 20%. **Beverages** saw the highest growth rate (59.5%). Aerospace & defence experienced a negative growth rate of over 50%, however this sub sector has the second highest GVA/Costs ratio.
- 5 sectors have GVA/Costs ratio above the average for the top 50. The highest ratio is for **Pharmaceuticals & Biotechnology** (301.7%)

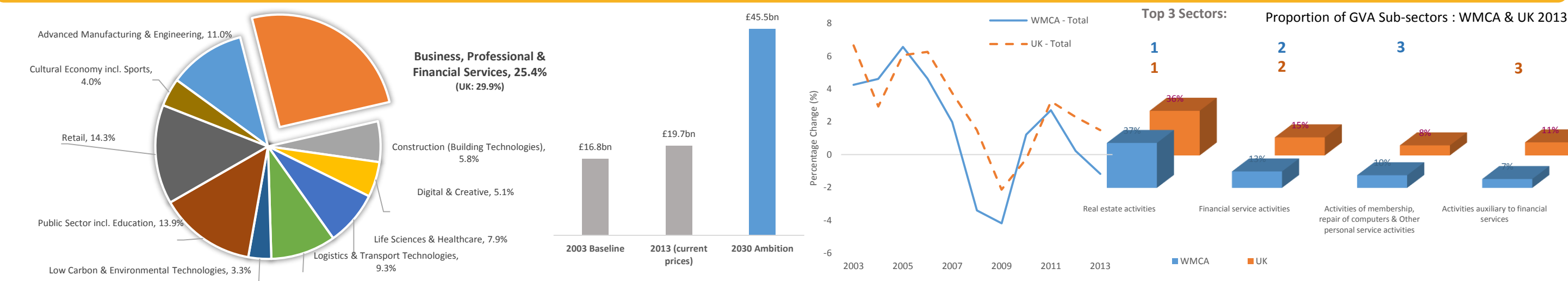
GVA

Current GVA: £19.7bn
25.4% of total WMCA GVA

Growth Ambition: 45.5£bn
+£25.8bn GVA

Growth Rates 2010 – 2013
WMCA : +5.2% (+£1.0bn) UK : +7.2%

Most important sector: Real Estate Activities
(36.7%)



Business, Professional and Financial Services Sub Sector	% of Sector		% of Total GVA
	CA	UK	
Real Estate Activities	36.7%	36.3%	9.0%
Financial Service Activities	13.4%	14.7%	3.3%
Activities of membership, repair of computers and other personal service activities	10.3%	8.2%	2.5%
Activities of head offices	7.9%	7.8%	1.9%
Activities auxiliary to financial services	7.2%	10.7%	1.8%
Employment activities	6.9%	5.5%	1.7%
Legal and accounting activities	5.7%	6.6%	1.4%
Office and administrative, office support	4.6%	3.5%	1.1%
Insurance, reinsurance and pension funds	3.0%	2.2%	0.7%
Rental and leasing activities	1.9%	1.4%	0.5%
Advertising and market research	1.2%	2.0%	0.3%

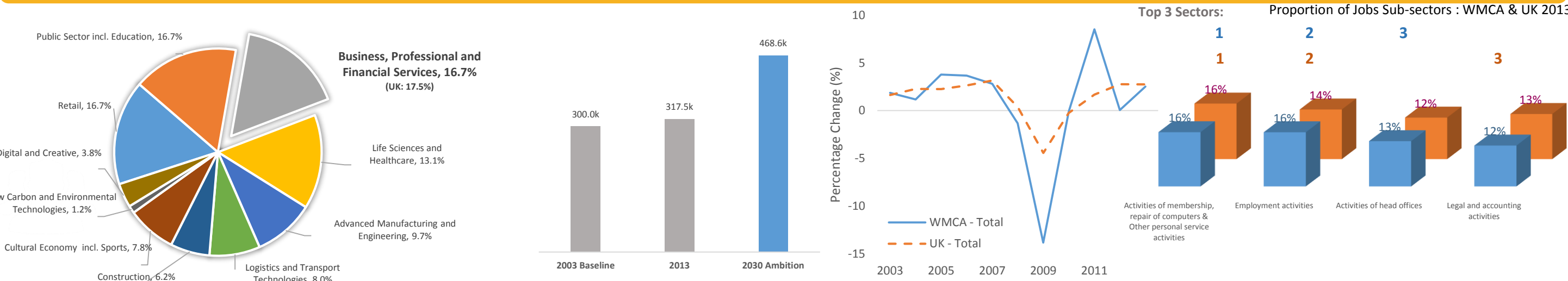
JOBS

Current Jobs: 317,500
16.7% of total jobs

Growth Ambition: 468,600
+ 151,100 jobs

Growth Rates 2010 - 2013
WMCA : 11.3% (+32,000 Jobs) UK : +7.4%

Most important sector: Activities of membership, repair of computers and other personal service activities (%)



Business, Professional and Financial Services Sub Sector	% of Sector		% of Total Jobs
	CA	UK	
Activities of membership, repair of computers and other personal service activities	15.6%	15.9%	2.6%
Employment activities	15.5%	14.2%	2.6%
Activities of head offices	13.0%	11.9%	2.2%
Legal and accounting activities	11.7%	12.9%	2.0%
Financial Service Activities	9.6%	9.5%	1.6%
Real Estate Activities	9.0%	9.3%	1.5%
Office and administrative, office support	8.4%	7.3%	1.4%
Activities auxiliary to financial services	6.3%	8.0%	1.1%
Rental and leasing activities	3.5%	2.9%	0.6%
Insurance, reinsurance and pension funds	3.1%	2.3%	0.5%
Advertising and market research	2.4%	3.6%	0.4%
Travel agency, tour operator and other	1.9%	2.1%	0.3%

BUSINESSES

Current Businesses: 33,885
25.3% of total businesses

Growth Rates 2011 - 2016
+28.4%



Combined Authority Areas	Number of BP&FS businesses	% of total businesses	Change 2011 - 2016	Change % 2011 - 2016
West Midlands	33,885	25.3%	7,490	28.4%
Greater Manchester	26,400	28.8%	7,260	37.9%
Liverpool City Region	11,030	28.1%	3,465	45.8%
North East	11,115	21.9%	2,830	34.2%
Sheffield City Region	8,885	23.9%	3,100	53.6%
Tees Valley	3,720	21.8%	1,085	41.2%
West Yorkshire	18,765	25.8%	5,080	31.1%

Business, Professional & Financial Services: Top 50 Businesses by GVA													£4.3bn GVA	£744,338 Average GVA per employee
No	Company name	Industry Classification Benchmark	Ownership	Latest Operating Revenue (Turnover) th GBP Last avail. yr	Latest No of Employees Last avail. yr	GVA (£m) - Latest	Employment Costs - Latest	GVA Components Total Amortization and Impairment th GBP Last avail. yr	Depreciation th GBP Last avail. yr	Profit (Loss) before Tax th GBP Last avail. yr	GVA per employee	Employment costs + depreciation	GVA/ Costs	GVA Change 1yr %
1	National Farmers Union Mutual Insurance Society Limited(The)	Life Insurance	UK	1,421,000	3,771	592,000	166,000	0	16,000	410,000	156,988	182,000	325.3%	-12.2%
2	RAC Group Limited	Support Services	UK	501,000	3,438	322,000	144,000	26,000	4,000	148,000	93,659	148,000	217.6%	8.4%
3	SCC Emea Limited	Software & Computer Services	UK	1,549,388	5,610	240,327	210,894	5,063	9,087	15,283	42,839	219,981	109.2%	14.1%
4	The Paragon Group of Companies PLC	Financial Services	UK	341,000	1,040	183,900	46,900	1,000	2,000	134,000	176,827	48,900	376.1%	10.0%
5	Dignity PLC	Other	UK	305,300	2,965	175,900	92,300	100	14,500	69,000	59,325	106,800	164.7%	561.3%
6	Wesleyan Assurance Society	Life Insurance	UK	266,800	1,537	159,100	81,700	5,100	72,300	0	103,513	154,000	103.3%	88.3%
7	Phoenix Life Assurance Limited	Life Insurance	Foreign	311,000	149,000	149,000	0	0	0	149,000	0	0	47.5%	47.5%
8	Aviagen International Finance Limited	Support Services	Foreign	354,759	2,489	148,861	58,350	0	11,577	78,934	59,808	69,927	212.9%	17.6%
9	Voyage Bidco Limited	Support Services	UK	203,244	8,417	141,803	125,278	3,003	11,135	2,387	16,847	136,413	104.0%	-2.9%
10	Eagle Midco Limited	Support Services	Foreign	216,822	6,776	128,379	116,891	12,335	13,204	-14,051	18,946	130,095	98.7%	24.0%
11	I.M. Properties PLC	Real Estate & Investment Services	UK	164,084	71	108,657	5,342	74	24	103,217	1,530,380	5,366	2024.9%	198.4%
12	GVA Grimley Limited	Real Estate & Investment Services	Foreign	144,431	1,238	100,022	80,325	791	2,250	16,656	80,793	82,575	121.1%	82.9%
13	Finning (UK) Ltd.	Support Services	Foreign	543,282	1,683	93,933	82,859	7,144	9,512	-5,582	55,813	92,371	101.7%	-14.7%
14	Pearl Group Management Services Limited	Support Services	Foreign	175,695	688	91,624	72,508	0	362	18,754	133,174	72,870	125.7%	-4.4%
15	Robert Half Limited	Support Services	Foreign	98,028	2,215	90,314	86,179	140	654	3,341	40,774	86,833	104.0%	0.0%
16	Briggs Equipment UK Limited	Support Services	UK	178,997	1,195	89,855	42,663	1,422	38,525	7,245	75,192	81,188	110.7%	1.0%
17	London & Cambridge Properties Limited	Real Estate & Investment Services	UK	98,430	146	79,930	9,478	0	302	70,150	547,466	9,780	817.3%	62.0%
18	Godiva Mortgages Limited	Financial Services	UK	347,254	75,402	75,402	0	0	0	75,402	0	0	-6.3%	-6.3%
19	Pertemps Network Group Limited	Support Services	UK	614,465	1,438	74,364	54,225	3,383	1,171	15,585	51,713	55,396	134.2%	14.5%
20	Secure Trust Bank Public Limited Company	Banks	UK	117,400	706	67,400	39,700	2,300	600	24,800	95,467	40,300	167.2%	16.0%
21	Roadchef Limited	Support Services	Foreign	188,500	3,382	63,800	46,000	1,300	19,800	-3,300	18,865	65,800	97.0%	-3000.0%
22	JCB Finance Ltd	Financial Services	UK	66,037	86	58,410	5,421	0	28,882	24,107	679,186	34,303	170.3%	10.2%
23	A & J Mucklow Group P L C	Real Estate & Investment Services	UK	20,581	15	58,047	1,728	0	96	56,223	3,869,800	1,824	3182.4%	36.5%
24	Templine Employment Agency Limited	Support Services	UK	59,379	3,653	56,839	54,663	491	62	1,623	15,560	54,725	103.9%	28.1%
25	Walsall Housing Group Limited	Real Estate & Investment Services	UK	97,256	652	56,313	26,461	270	11,434	18,148	86,370	37,895	148.6%	0.0%
26	National Exhibition Centre Limited (The)	Travel & Leisure	UK	133,069	731	55,945	30,673	1,524	231,254	-207,506	76,532	261,927	21.4%	52.4%
27	Aspire Defence Services Limited	Real Estate & Investment Services	UK	93,785	825	53,208	26,981	15	609	25,603	64,495	27,590	192.9%	-0.3%
28	Gateley PLC	Support Services	UK	65,017	613	49,631	37,850	0	665	11,116	80,964	38,515	128.9%	134.8%
29	Caterpillar Financial Services (UK) Limited	Financial Services	UK	56,970	81	49,057	7,083	0	22,142	19,832	605,642	29,225	167.9%	21.4%
30	Longhurst Group Limited	Real Estate & Investment Services	UK	112,913	714	46,429	25,695	0	13,517	7,217	65,027	39,212	118.4%	10.4%
31	Charter Court Financial Services Group Limited	Financial Services	UK	93,909	282	44,799	17,008	238	383	27,170	158,862	17,391	257.6%	300.1%
32	Gallagher UK Limited	Real Estate & Investment Services	UK	83,102	48	44,503	5,661	0	355	38,487	927,146	6,016	739.7%	54.9%
33	Amber REI Holdings Limited	Real Estate & Investment Services	UK	259,001	227	44,196	9,492	-3,879	1,941	36,642	194,696	11,433	386.6%	-52.3%
34	Strategic Workforce Solutions Group Limited	Support Services	UK	328,571	772	40,264	27,023	1,198	1,269	10,774	52,155	28,292	142.3%	5.0%
35	Millward Brown UK Limited	Support Services	UK	100,136	506	37,656	25,790	0	298	11,568	74,419	26,088	144.3%	-19.7%
36	Prologis UK Limited	Real Estate & Investment Services	Foreign	58,490	38	37,424	5,427	0	107	31,890	984,842	5,534	676.3%	623.2%
37	Andrews Sykes Group PLC	Support Services	UK	60,058	519	35,565	17,239	0	4,959	13,367	68,526	22,198	160.2%	8.8%
38	The Best Connection Group Limited	Support Services	UK	297,329	716	34,593	22,702	0	1,130	10,761	48,314	23,832	145.2%	-4.3%
39	Regis UK Limited	Personal goods	Foreign	73,291	2,220	31,759	31,695	431	1,780	-2,147	14,306	33,475	94.9%	-3.6%
40	Creation Financial Services Limited	Financial Services	Foreign	89,437	726	30,435	24,470	1,039	482	4,444	41,921	24,952	122.0%	#VALUE!
41	Unique Pub Properties Limited	Real Estate & Investment Services	UK	152,340	747	27,960	0	0	3,801	24,159	3,801	735.6%	-36.0%	-36.0%
42	Service Birmingham Limited	Support Services	UK	86,812	375	26,655	14,597	0	586	11,472	71,080	15,183	175.6%	-24.6%
43	Petit Forestier UK Limited	Support Services	Foreign	44,042	212	26,241	6,828	0	20,987	-1,574	123,778	27,815	94.3%	-0.2%
44	S & U PLC	Financial Services	UK	45,182	111	26,032	6,137	0	426	19,469	234,523	6,563	396.6%	-30.2%
45	Advantage Finance Limited	Financial Services	UK	45,182	97	24,901	4,322	0	179	20,400	256,711	4,501	553.2%	18.4%
46	Wolverhampton Homes Limited	Real Estate & Investment Services	UK	48,135	747	23,691	24,748	0	0	-1,057	31,715	24,748	95.7%	8.3%
47	Shakespeare Martineau LLP	Support Services	UK	47,801	875	22,718	16,381	0	948	5,389	25,963	17,329	131.1%	-31.3%
48	Euro Property Investments Limited	Real Estate & Investment Services	UK	6,814	1	22,549	41	0	0	22,508	22,549,000	41	54997.6%	7648.8%
49	Enzen Global Limited	Support Services	Foreign	53,611	116	22,459	8,299	0	134	14,026	193,612	8,433	266.3%	16.9%
50	Advanced Personnel Management Group UK Limited	Support Services	UK	19,477	19,477	19,477	0	0	557	2,077	30,372	20,034	110.4%	10.3%

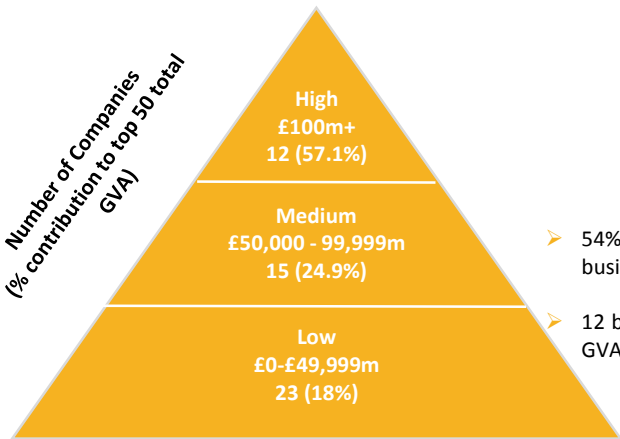
GVA Growth

- GVA generated by the top 50 businesses has **increased by 14.4%** over 1yr period
- 31** of the top 50 businesses have **increased GVA** over a 1yr period
- 16** businesses have **increased GVA by 20% and over**
- 26** businesses have **increased GVA by 10% and over**

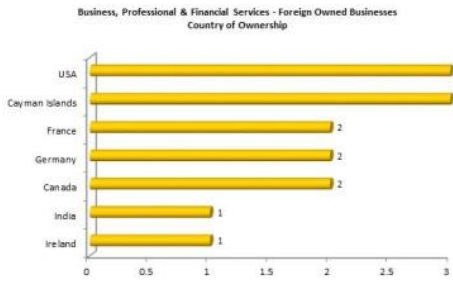
Foreign Ownership & Listing

- 14** businesses in the top 50 are **foreign owned**
- The largest foreign owned business is ranked 7th - **Phoenix Life Assurance Limited**
- Average GVA per employee for these businesses is £147,219
- 6 businesses are listed on the London Stock Exchange - **The Paragon Group of Companies PLC, Dignity PLC, Secure Trust Bank Public Limited Company, A & J Mucklow Group PLC, Andrews Sykes Group PLC, S & U PLC**

GVA Impact (£m)

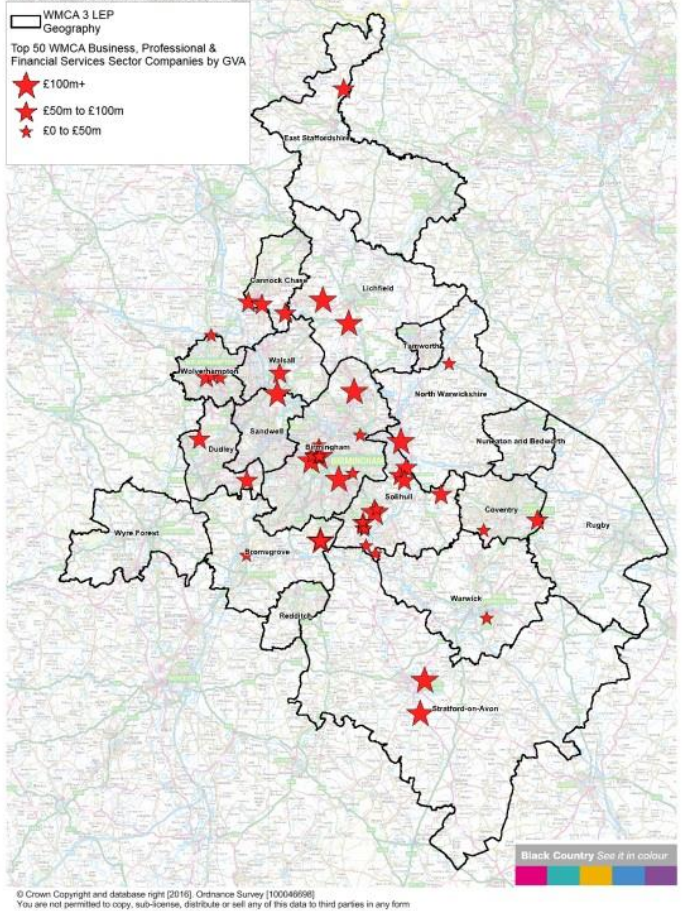


- 54% of the top 50 businesses (28 businesses) generate over £50m GVA
- 12 businesses generate almost 60% of total GVA of the top 50 businesses in this sector



Foreign Owned Strategic Businesses: City HQs	
USA	San Francisco Minneapolis Menlo Park
Cayman Islands	Georgetown
Germany	Visbek Mannheim
France	Paris Villepinte
Canada	North York Edmonton
India	Bangalore
Israel	Nataya South

TOP 50 BUSINESS, PROFESSIONAL & FINANCIAL SERVICES SECTOR COMPANIES V WEST MIDLANDS COMBINED AUTHORITY



Sub Sector (Industry Classification Benchmark)	High		Medium		Low		Total Businesses	Total GVA	% of total GVA	Av. GVA per employee	Av. GVA/Costs	GVA Change 1yr %
	No. of businesses	GVA	No. of businesses	GVA	No. of businesses	GVA						
Banks	0	0	1	67,400	0	0	1	67,400	1.6%	95,467	167.2%	16.0%
Financial Services	1	183,900	2	133,812	5	175,224	8	492,936	11.5%	307,667	292.0%	20.0%
Life Insurance	3	900,100	0	0	0	0	3	900,100	21.0%	130,250	214.3%	4.7%
Other	1	175,900	0	0	0	0	1	175,900	4.1%	59,325	164.7%	561.3%
Personal Goods	0	0	0	0	1	31,759	1	31,759	0.7%	14,306	94.9%	-3.6%
Real Estate & Investment Services	2	208,679	4	247,498	7	246,752	13	702,929	16.4%	2,577,644		49.3%
Software & Computer Services	1	240,327	0	0	0	0	1	240,327	5.6%	42,839	109.2%	14.1%
Support Services	4	741,043	7	560,729	10	317,893	21	1,619,665	37.8%	64,264	138.5%	17.0%
Travel & Leisure	0	0	1	55,945	0	0	1	55,945	1.3%	76,532	21.4%	52.4%
Total	12	2,449,949	15	1,065,384	23	771,628	50	4,286,961				

Sub Sector Analysis

- Almost **60%** of GVA generated by the top 50 businesses is concentrated in 2 sub sectors: **Support Services** and **Life Insurance**
- Support Services** has the highest number of businesses in the top 50 (21 businesses)
- All sub sectors have seen GVA growth over a one-year period with the exception of Personal Goods

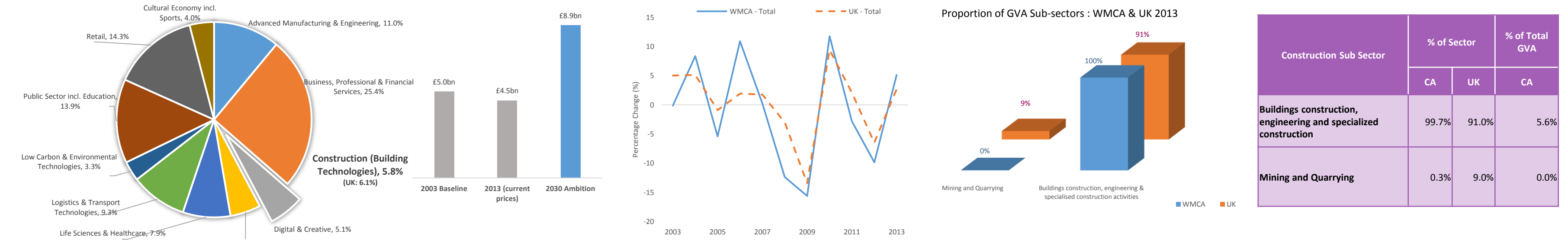

GVA

Current GVA: £4.5bn
5.8% of total WMCA GVA

Growth Ambition: £8.9bn
+£4.4n GVA

Growth Rates 2010 – 2013
WMCA : -4.7% (-£0.2bn) UK : -1.9%

Most important sector: Buildings construction, engineering and specialised construction (99.7%)



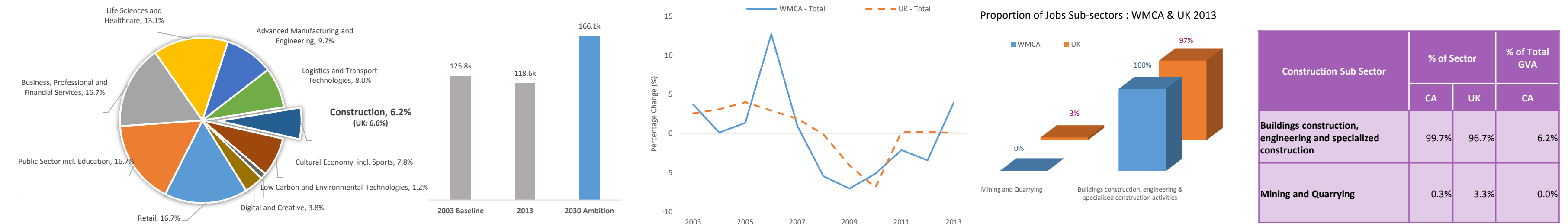

JOBS

Current Jobs: 118,600
6.2% of total jobs

Growth Ambition: 166,100
+47,400 jobs

Growth Rates 2010 - 2013
WMCA : -1.9% (-2,000 Jobs) UK : +0.4%

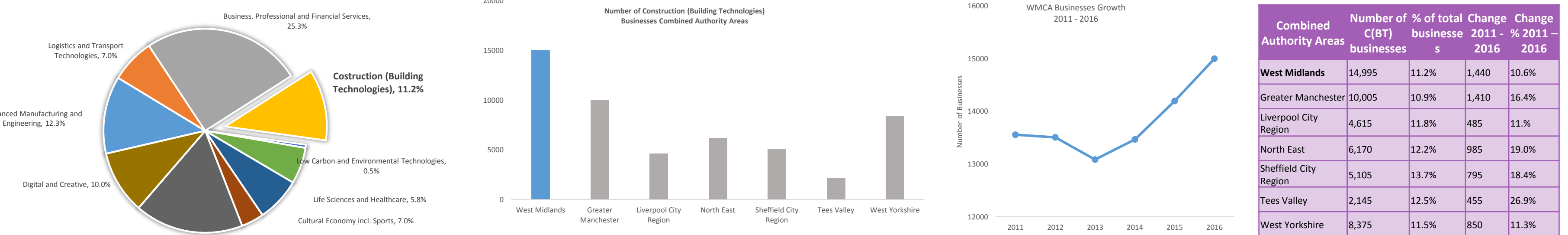
Most important sector: Buildings construction, engineering and specialised construction (99.7%)




BUSINESSE

Current Businesses: 14,995
11.2% of total businesses

Growth Rates 2011 - 2016
+10.6%



Construction (Building Technologies): Top 50 Businesses by GVA													
£2.8bn GVA		£123,351 Average GVA per employee											

N o	Company name	Industry Classification Benchmark	Ownership	Latest Operating Revenue (Turnover) th GBP Last avail. yr	Latest No of Employee s Last avail. yr	GVA Latest	Employment Costs - Latest	Total Amortization and Impairment th GBP Last avail. yr	Depreciation th GBP Last avail. yr	Profit (Loss) before Taxation th GBP Last avail. yr	GVA per employee Latest	Employment Costs + Depreciatio n	GVA/ Costs	GVA Change 1yr %
1	Carillion PLC	Construction & Materials	UK	3,950,700	32,055	1,122,100	921,600	23,000	22,400	155,100	35,005	944,000	118.9 %	16.3%
2	Tarmac Trading Limited	Mining	Foreign	2,033,800	2,919	325,500	126,200	1,600	77,200	120,500	111,511	203,400	160.0 %	44.7%
3	Homeserve PLC	Support Services	UK	633,200	4,425	308,900	190,500	30,400	5,400	82,600	69,808	195,900	157.7 %	13.6%
4	Interserve Construction Limited	Construction & Materials	UK	1,005,992	2,258	123,429	116,677	0	2,545	4,207	54,663	119,222	103.5 %	1.8%
5	Brand Energy & Infrastructure Services UK, Ltd.	Construction & Materials	UK	78,816	1,165	54457	50363	-2,510	4,889	1,715	46,744	55,252	98.6%	-0.8%
6	Saint-Gobain Glass (United Kingdom) Limited	Construction & Materials	Foreign	174,415	1,198	53,320	46,505	0	5,193	1,622	44,508	51,698	103.1 %	47.1%
7	Fortel Construction Group Limited	Construction & Materials	UK	69,334	893	36108	29682	872	136	5,418	40,434	29,818	121.1 %	25.0%
8	Andrews Sykes Group PLC	Support Services	UK	60,058	519	35,565	17,239	0	4,959	13,367	68,526	22,198	160.2 %	8.8%
9	I.M. Properties Development Limited	Construction & Materials	UK	83,858		34,575	0	0	0	34,575		0		145.9%
10	Uniper Technologies Limited	Support Services	Foreign	54,001	377	34,485	28,403	5	322	5,755	91,472	28,725	120.1 %	12.7%
11	Lyndon Scaffolding PLC	Construction & Materials	UK	40,638	578	33,921	28,309	0	2,955	2,657	58,687	31,264	108.5 %	14.2%
12	Fortel Services Limited	Construction & Materials	UK	69,341	885	33,905	28,543	0	136	5,226	38,311	28,679	118.2 %	27.1%
13	Imtech Inviron Limited	Support Services	UK	100,774	854	33,837	38,811	26	350	-5,350	39,622	39,161	86.4%	-36.2%
14	Sandvik Limited	Construction & Materials	Foreign	150,468	477	31323	22378	0	3,175	5,770	65,667	25,553	122.6 %	13.2%
15	Generation (UK) Limited	Construction & Materials	UK	80,531	241	30226	8593	0	5,880	15,753	125,419	14,473	208.8 %	35.8%
16	Barhale PLC	Construction & Materials	UK	111,531	654	30,045	27,853	0	894	1,298	45,940	28,747	104.5 %	61.6%
17	Quartzelec Ltd	Support Services	UK	65,458	580	28,030	24,524	16	1,032	2,458	48,328	25,556	109.7 %	6.7%
18	Dyas UK Limited	Mining	Foreign	18,902	1	24,547	260	15,559	72,962	-64,234		73,222	33.5%	-19.1%
19	RMD Kwikform Limited	Support Services	UK	31,443	242	23663	12281	232	1,625	9,525	97,781	13,906	170.2 %	25.3%
20	Sapcote Group PLC	Construction & Materials	UK	5,975	23	23,333	991	0	450	21,892	1,014,478	1,441	1619.2 %	429.9%
21	Keller Limited	Construction & Materials	UK	64,210	381	23,069	20,437	0	1,732	900	60,549	22,169	104.1 %	1044.9 %
22	Tara Developments Limited	Construction & Materials	UK	94,223	134	21,487	9,460	189	1,713	10,125	160,351	11,173	192.3 %	56.7%
23	M.V. Kelly Limited	Construction & Materials	UK	136,380	89	20,904	7,015	0	146	13,743	234,876	7,161	291.9 %	256.9%
24	L & J Holdings Limited	Construction & Materials	UK	58,929	59	19,919	2,504	32	2,164	15,219	337,610	4,668	426.7 %	21.2%
25	Hydratight Limited	Construction & Materials	Foreign	43,984	330	19,165	14,498	167	2,202	2,298	58,076	16,700	114.8 %	-37.8%
26	Stepnell Limited	Construction & Materials	UK	95,560	427	17,903	17,746	60	909	-812	41,927	18,655	96.0%	29.7%
27	KEE Safety Group Limited	Construction & Materials	UK	51,094	357	17328	13837	18,078	449	-15,036	48,538	14,286	121.3 %	29.9%
28	New Linx Housing Trust	Support Services	UK	37,950	107	17,192	4,656	0	4,563	7,973	160,673	9,219	186.5 %	8.9%
29	Mapei (UK) Limited	Construction & Materials	Foreign	42,615	189	16000	7472	0	465	8,063	84,656	7,937	201.6 %	16.4%
30	M & J Evans Construction Limited	Construction & Materials	UK	58,933	52	15,442	2,290	14	48	13,090	296,962	2,338	660.5 %	16.4%
31	DSM Demolition Limited	Construction & Materials	UK	24,883	112	14,584	4,073	0	1,617	8,894	130,214	5,690	256.3 %	-2.9%
32	W.T. Parker Ltd.	Support Services	UK	39,103	280	14,473	12,190	0	238	2,045	51,689	12,428	116.5 %	-0.6%
33	Chasetown Civil Engineering Limited	Construction & Materials	UK	55,697	82	14,103	6,547	0	1,582	5,974	171,988	8,129	173.5 %	36.1%
34	GRS (Roadstone) Limited	Mining	UK	125,323	138	13,883	6,593	90	347	6,853	100,601	6,940	200.0 %	22.1%
35	Actemium UK Limited	Support Services	Foreign	25,981	234	12,758	10,694	0	130	1,934	54,521	10,824	117.9 %	-6.6%
36	Acivico Limited	Construction & Materials	UK	38,325	343	11,943	12,573	0	0	-630	34,819	12,573	95.0%	
37	Shaylor Group PLC	Support Services	UK	81,448	179	11,884	8,494	0	207	3,183	66,391	8,701	136.6 %	20.4%
38	Briggs Amasco Limited	Construction & Materials	UK	38,281	255	11,699	9,542	0	339	1,818	45,878	9,881	118.4 %	5.8%
39	Kiely Bros. Limited	Construction & Materials	UK	56,529	252	11,180	7,391	0	0	3,789	44,365	7,391	151.3 %	14.4%
40	Ischebeck Titan Limited	Construction & Materials	Foreign	26,739	90	10,631	5,506	24	1,532	3,569	118,122	7,038	151.1 %	16.6%
41	Swisslog (UK) Ltd.	Construction & Materials	Foreign	31,742	176	10,508	10,714	544	96	-846	59,705	10,810	97.2%	4.7%
42	Simco External Framing Solutions (UK) Limited	Construction & Materials	UK	23,309	44	10487	6830	0	62	3,595	238,341	6,892	152.2 %	317.8%
43	Geze UK Limited	Construction & Materials	Foreign	27,398	222	10,323	8,561	0	86	1,676	46,500	8,647	119.4 %	15.8%
44	J.S.Wright & Co.Limited	Support Services	UK	34,437	140	10,122	7,728	0	70	2,324	72,300	7,798	129.8 %	38.3%

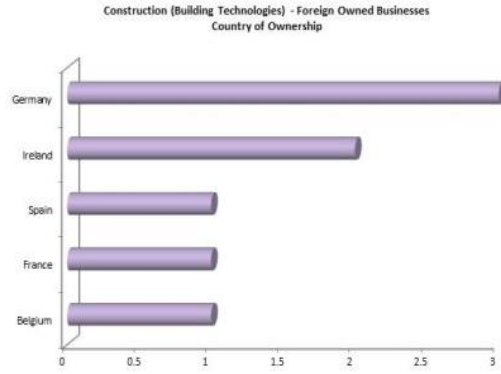
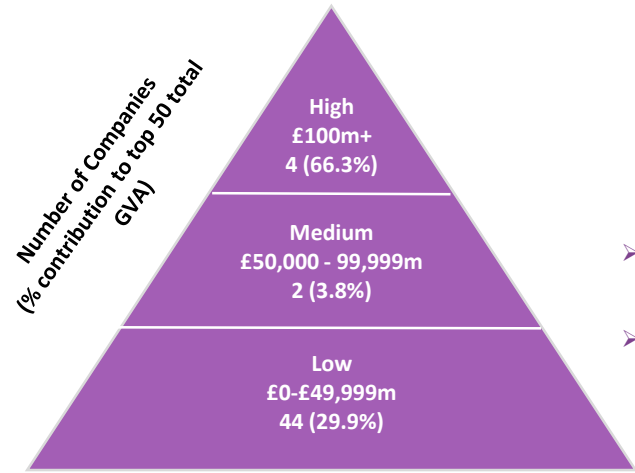
GVA Growth

- GVA generated by the top 50 businesses has **increased by 20.8%** over 1yr period
- 40** of the top 50 businesses have **increased GVA** over a 1yr period
- 24** businesses have **increased GVA by 20% and over**
- 34** businesses have **increased GVA by 10% and over**

Foreign Ownership & Listing

- 8** businesses in the top are **foreign owned**
- The largest foreign owned business is ranked 2nd - **Tarmac Trading Limited**
- Average GVA per employee for these businesses is **£88,343**
- 3** businesses are listed on the London Stock Exchange - **Carillion PLC, Homeserve PLC and Andrew Sykes Group PLC**

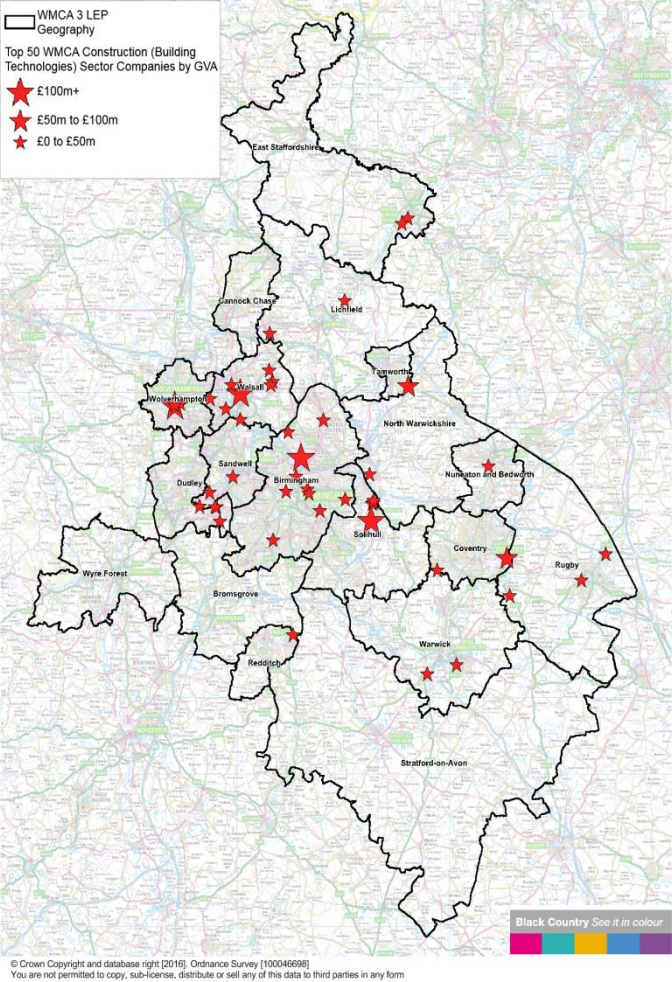
GVA Impact (£m)



Foreign Owned Strategic Businesses: City HQs	
Germany	Dusseldorf
	Ennepetal
	Leonberg
Ireland	Dublin
Spain	Varnamo
France	Courbevoie
Belgium	Duffel

- Almost 90% of the top 50 businesses (44 businesses) generate under £50m GVA
- 4 businesses generate over £100m, accounting for 70% of total GVA generated by the top 50 businesses

TOP CONSTRUCTION (BUILDING TECHNOLOGIES) SECTOR COMPANIES WITHIN WEST MIDLANDS COMBINED AUTHORITY



Sub Sector (Industry Classification Benchmark)	High		Medium		Low		Total Businesses	Total GVA	% of total GVA	Av. GVA per employee	Av. GVA/Costs	GVA Change 1yr %
	No. of businesses	GVA	No. of businesses	GVA	No. of businesses	GVA						
Construction & Materials	2	1,245,529	2	107777	31	577,148	35	1,930,454	68.1%	138,720	215.7%	22.2%
Mining	1	325,500	0	0	3	47,843	4	373,343	13.2%	127,753	163.4%	37.4%
Support Services	1	308,900	0	0	10	222,009	11	530,909	18.7%	74,646	135.6%	7.4%
Total	4	1,879,929	2	107,777	44	847,000	50	2,834,706				

Sub Sector Analysis

- 68%** of GVA generated by the top 50 businesses is concentrated in 1 sub sector **Construction & Materials**
- Construction & Materials** has the highest number of businesses in the top 50 (35 businesses)
- Construction & Materials** has the highest average GVA per employee (£138,720)
- All sub sectors have seen GVA growth over a one-year period. Mining and Construction & Materials experienced growth above 20%.



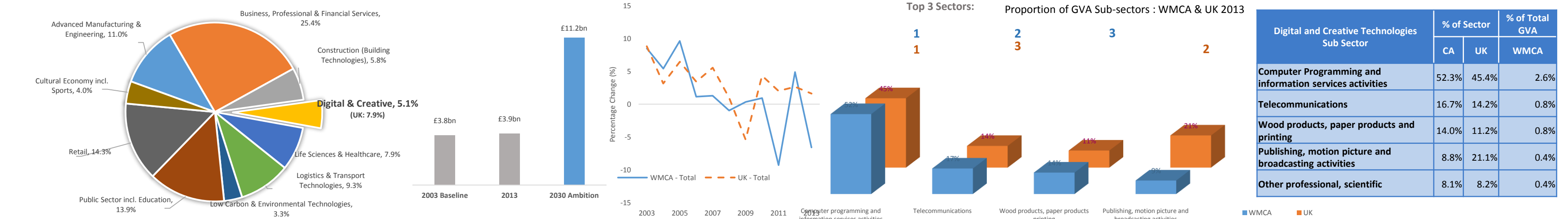
GVA

Current GVA: £3.9bn
5.1% of total WMCA GVA

Growth Ambition: £11.2bn
+£7.3bn GVA

Growth Rates 2010 – 2013
WMCA : -11.1% (-£0.5bn) UK : +6.4%

Most important sector: Computer Programming and Information services activities (52.3%)





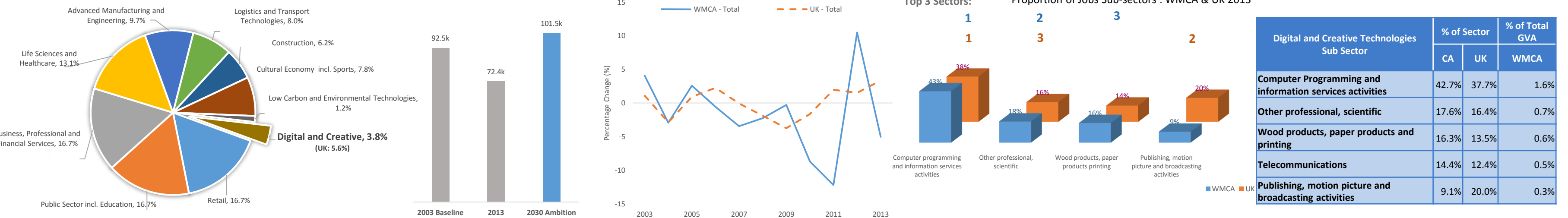
JOBS

Current Jobs: 72,000
3.8% of total jobs

Growth Ambition: 101,000
+29,000 jobs

Growth Rates 2010 - 2013
WMCA : -7.9% (-6,000 Jobs) UK : +7.0%

Most important sector: Computer programming and information services activities (42.7%)

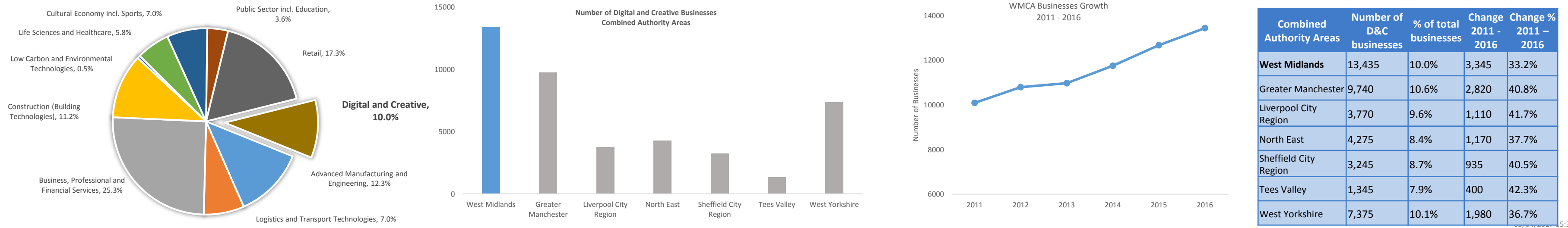




BUSINESSES

Current Businesses: 13,435
10.0% of total businesses

Growth Rates 2011 - 2016
+ 33.2%



	£1.3bn GVA	Digital & Creative: Top 50 Businesses by GVA		£101,493 Average GVA per employee
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No	Company name	Industry Classification Benchmark	Ownership	Latest Operating Revenue (Turnover) th GBP Last avail. yr	Latest No of Employees Last avail. yr	GVA - Latest	Profit (Loss) before Tax th GBP Last avail. yr	Depreciation th GBP Last avail. yr	Employment Costs - Latest	Total Amortization and Impairment th GBP Last avail. yr	GVA per employee	Employment costs + depreciation	GVA/ Costs	GVA Change 1yr %
1	Rigby Group (RG) PLC	Computer Services	UK	1,627,535	6,198	249,429	15,874	15,882	223066	-5,393	40,243	238,948	104.4%	0.2%
2	Specialist Computer Centres PLC	Computer Services	UK	634,862	1,771	101,798	12,508	6,834	82066	390	57,481	88,900	114.5%	6.4%
3	Telent Technology Services Limited	Telecommunications Equipment	UK	329,000	1,548	96,900	22,900	2,700	70300	1,000	62,597	73,000	132.7%	11.4%
4	Nimickay Limited	Computer Services	UK	183,795		61,642	43,744	8,098	9800			17,898	344.4%	#VALUE!
5	Inspired Gaming Group Limited	Computer Services	UK	84,808	766	60579	45	22,207	32762	5,565	79,085	54,969	110.2%	0.7%
6	Infor (United Kingdom) Limited	Computer Services	UK	129,219	682	48,226	-8,513	578	46688	9,473	70,713	47,266	102.0%	233.1%
7	Bureau Veritas UK Limited	Computer Services	Foreign	76,820	850	46,543	3,249	587	41067	1,640	54,756	41,654	111.7%	6.9%
8	Claverley Holdings Limited	Media	UK	95,979	1,003	45,885	1,330	5,270	38136	1,149	45,748	43,406	105.7%	-0.1%
9	Delcam Limited	Computer Services	Foreign	54,845	731	39,795	6,296	1,030	32055	414	54,439	33,085	120.3%	10.4%
10	E.On IT UK Limited	Computer Services	Foreign	58,318	507	38,581	2,777		35471	333	76,097	35,471	108.8%	-4.6%
11	UCS Systems Limited	Computer Services	UK	76,744	716	36812	6,646	503	27908	1,755	51,413	28,411	129.6%	1.8%
12	Codemasters Software Company Limited(The)	Software	UK	24,793	468	29,633	-11,891	664	18771	22,089	63,318	19,435	152.5%	-25.7%
13	Epyx Limited	Computer Services	Foreign	27,115	84	25,631	21,681	401	3395	154	305,131	3,796	675.2%	33.3%
14	Reynolds And Reynolds Limited	Computer Services	UK	17,959	268	25,025	12,539	293	9770	2,423	93,377	10,063	248.7%	89.1%
15	The Pcms Group PLC	Computer Services	UK	29,284	292	22,044	4,628	918	16498		75,493	17,416	126.6%	8.6%
16	Matrix Control Solutions Limited	Computer Services	Foreign	47,866	327	21,698	3,847	231	17620		66,355	17,851	121.6%	14.1%
17	William Gibbons & Sons,Limited	Computer Services	UK	37,857	493	20,412	6,157	1,967	12288		41,404	14,255	143.2%	20.3%
18	Midland News Association Limited(The)	Media	UK	37,446	516	19,368	348	3,007	16013		37,535	19,020	101.8%	-4.5%
19	Rgis Inventory Specialists Limited	Computer Services	Foreign	24,144	1,399	19,267	1,901	208	17130	28	13,772	17,338	111.1%	14.2%
20	JHC Systems Limited	Software	UK	21,465	278	17,098	2,185	277	14636		61,504	14,913	114.7%	
21	Fidelity Information Services Limited	Computer Services	Foreign	41,689	139	16,263	2,139	363	13761		117,000	14,124	115.1%	32.7%
22	Facepunch Studios Ltd	Toys	UK	22,587	10	16,048	15,198	121	729		1,604,800	850	1888.0%	#DIV/0!
23	Certegy Card Services Limited	Computer Services	Foreign	46,825	143	15,602	8,238	253	7111		109,105	7,364	211.9%	50.8%
24	Dassault Systemes UK Limited	Software	Foreign	51,704	183	15,388	-5,303	246	17272	3,173	84,087	17,518	87.8%	-16.4%
25	Express And Star Limited	Media	UK	23,757	343	13,777	-295	1,198	10891	1,983	40,166	12,089	114.0%	-1.5%
26	FIS Payments (UK) Limited	Computer Services	Foreign	23,467	234	12,941	1,713	1,780	9448		55,303	11,228	115.3%	-11.8%
27	Edenhouse Solutions Limited	Software	UK	22,225	141	12,504	3,452	57	8995		88,681	9,052	138.1%	51.6%
28	DCA Design International Limited	Computer Services	UK	14,982	122	12,069	3,578	422	8069		98,926	8,491	142.1%	17.1%
29	Efunds International Limited	Software	Foreign	28,825	119	12,069	6,873	462	4734		101,420	5,196	232.3%	27.8%
30	OGL Computer Services Group Limited	Software	UK	17,436	247	11,085	2,105	756	8222	2	44,879	8,978	123.5%	
31	Lionbridge (UK) Limited	Support Services	UK	11,625	349	11,023	167	126	10730		31,585	10,856	101.5%	20.5%
32	Babcock Information Analytics And Security Limited	Computer Services	UK	17,301	155	10,340	1,618	207	8415	100	66,710	8,622	119.9%	-10.2%
33	Scholastic Limited	Publishing	Foreign	30,406	235	9,760	722	317	8721		41,532	9,038	108.0%	-15.3%
34	Adviserplus Business Solutions Limited	Computer Services	UK	13,207	336	9,229	347	186	8696		27,467	8,882	103.9%	5.4%
35	Objectivity Limited	Computer Services	UK	13,722	269	9,103	1,381	185	7537		33,840	7,722	117.9%	34305.5%
36	Penso Consulting Ltd	Computer Services	UK	15,345	147	8,411	2,315	665	5431		57,218	6,096	138.0%	68.2%
37	Solid Solutions Management Limited	Software	UK	17,363	75	8,265	3,473	143	4649		110,200	4,792	172.5%	22.3%
38	Gobel & Partner Limited	Support Services	UK	25,442	266	8,140	1,093	245	6802		30,602	7,047	115.5%	37.8%
39	Care Monitoring & Management Limited	Software	UK	14,979	133	7,974	1,406	341	5717	510	59,955	6,058	131.6%	33.4%
40	Valpak Limited	Support Services	UK	42,074	103	7,968	2,994	99	4875		77,359	4,974	160.2%	9.5%
41	Artisan Press Limited(The)	Support Services	UK	32,493	257	7,883	-4,777	4,348	8312		30,673	12,660	62.3%	-25.3%
42	Shropshire Newspapers Limited	Media	UK	14,024	193	7,693	-916	1,476	5916	1,217	39,860	7,392	104.1%	-2.0%
43	Playground Games Limited	Software	UK	10,592	109	7,543	1,819	232	5492		69,202	5,724	131.8%	41.1%
44	Repl Group Worldwide Limited	Computer Services	UK	9,331	123	7,220	1,715	153	5351.659		58,696	5,504	131.2%	547.7%
45	QAD Europe Limited	Software	Foreign	14,198	82	6,871	366	118	6387		83,793	6,505	105.6%	16.6%
46	Creative Video Productions Limited	Computer Services	UK	59,978	98	6,755	2,234	288	4233		68,929	4,521	149.4%	26.7%
47	Corrugated Box Supplies Limited	Support Services	UK	21,777	174	5,897	1,274	558	4065		33,891	4,623	127.6%	88.2%
48	Focus Software Limited	Software	UK	4,978	50	5,883	1,119	9	2837.764	1,917	117,654	2,847	206.6%	50.6%
49	KEP Print Group Limited	Support Services	UK	14,876	115	5,037	945	415	3639	38	43,800	4,054	124.2%	7.4%
50	Envisage Group Limited	Computer Services	UK	32,984	94	4,815	115	549	4100	51	51,223	4,649	103.6%	37.5%

Digital & Creative: UK 2013 GVA per employee - £63,641
Businesses shaded in above table have above average GVA per employee: 21 (44%)

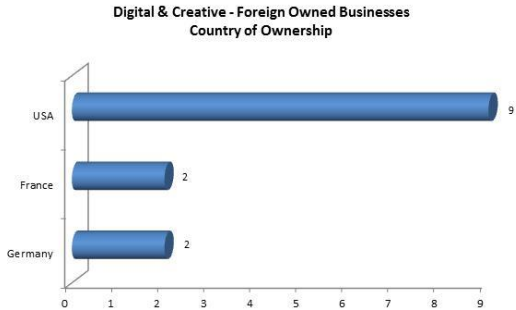
GVA is calculated by adding together operating profit, employee costs, depreciation and amortisation/impairment charges.
There are 2 measures of companies' efficiency of wealth creation: labour productivity defined as GVA per employee and the ratio of GVA to the costs of employment and depreciation used to create it.
The data was produced by conducting a search of FAME for active companies with registered offices in the area and selecting the largest companies by turnover based on the most recent filed accounts.
Businesses have been classified using the 41 sectors in the Industry Classification Benchmark (ICB) structure for sector and industry analysis, supported by the IBC database which is maintained by FTSE International Limited.

GVA Growth

- GVA generated by the top 50 businesses has increased by 24% over 1yr period
- 35 of the top 50 businesses have increased GVA over a 1yr period
- 21 businesses have increased GVA by 20% and over
- 28 businesses have increased GVA by 20% and over

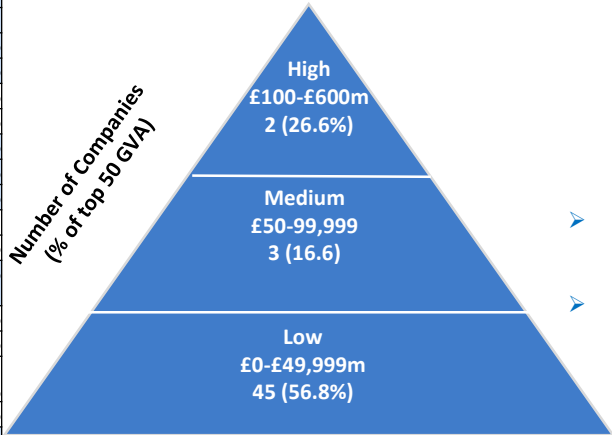
Foreign Ownership & Listing

- 13 companies in the top 50 are foreign owned
- The largest foreign owned company in the top 50 is ranked 6th - Bureau Veritas UK Limited
- The largest number of global owners are in the USA (9 businesses)
- Average GVA per employee for these businesses is £89,445
- 5 businesses are listed on the London Stock Exchange



Foreign Owned Strategic Businesses: City HQs	
USA	San Rafael
	Norcross
	Auburn Hills - MI
	Jacksonville
	New York
	Santa Barbara
France	Paris
Germany	Velizy Villacoublay
	Dusseldorf

GVA Impact (£m)



- 90% of the top 50 businesses (45 businesses) generate under £50m GVA
- 2 businesses generate over £100m, accounting for 26.6% of total GVA generated by the top 50 businesses

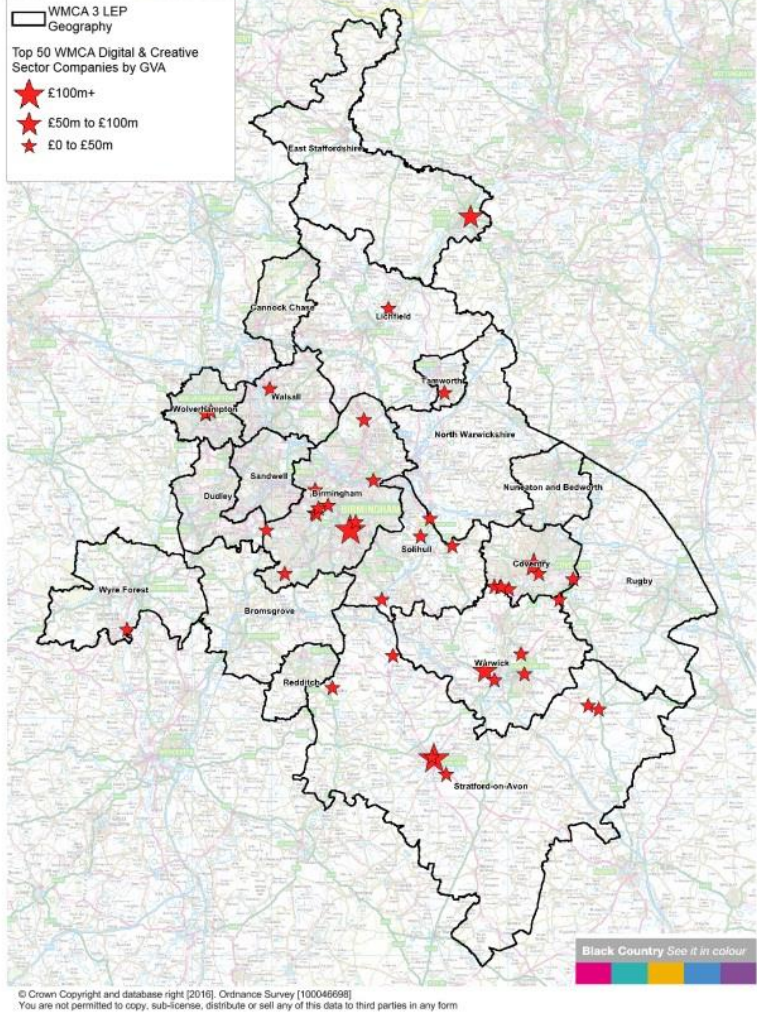
Sub Sector (Industry Classification Benchmark)	High		Medium		Low		Total Businesses	Total GVA	% of total GVA	Av. GVA per employee	Av. GVA/ Costs	GVA Change 1yr %
	No. of businesses	GVA	No. of businesses	GVA	No. of businesses	GVA						
Computer Services	2	351,227	2	122,221	22	456,782	26	930,230	70.5%	72,967	158.5%	21.8%
Media	0	0	0	0	4	86,723	4	86,723	6.6%	40,827	106.4%	-1.5%
Publishing	0	0	0	0	1	9,760	1	9,760	0.7%	41,532	108.0%	-15.3%
Software	0	0	0	0	11	134,313	11	134,313	10.2%	80,427	145.2%	29.4%
Support Services	0	0	0	0	6	45,948	6	45,948	3.5%	41,318	115.2%	12.9%
Telecommunications Equipment	0	0	1	96,900	0	0	1	96,900	7.3%	62,597	132.7%	11.4%
Toys	0	0	0	0	1	16,048	1	16,048	1.2%	1,604,800		
Total	2	351,227	3	219,121	45	749,573	50	1,319,921				

Sub Sector Analysis

- 70% of GVA generated by the top 50 businesses is concentrated in 1 sub sector: Computer Services
- Computer Services has the highest number of businesses in the top 50 (26 businesses)
- Software has the highest average GVA per employee
- Support Services has the highest growth rate (57.7%).

Location of Top Performing Businesses

TOP 50 DIGITAL & CREATIVE SECTOR COMPANIES WITHIN WEST MIDLANDS COMBINED AUTHORITY



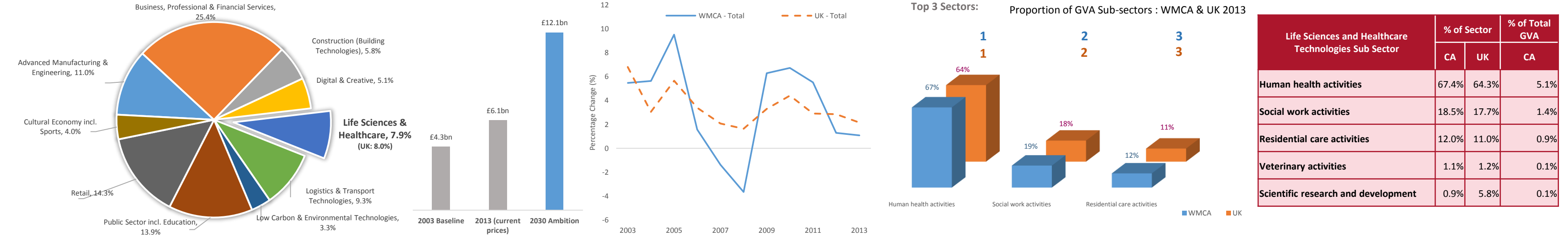
GVA

Current GVA: £6.1bn
7.9% of total WMCA GVA

Growth Ambition: £12.1bn
+£6.0bn GVA

Growth Rates 2010 – 2013
WMCA : +11.8% (+£0.6bn) UK : +8.1%

Most important sector: Human Health Activities
(67.4%)



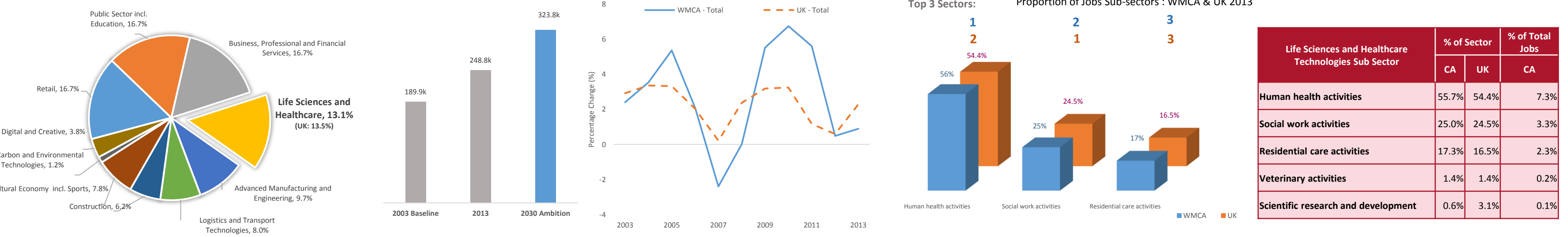
JOBS

Current Jobs: 248,800
13.1% of total jobs

Growth Ambition: 323,800 jobs
+75,000 jobs

Growth Rates 2010 - 2013
WMCA : +7.1% (+16,400 Jobs) UK : +4.1%

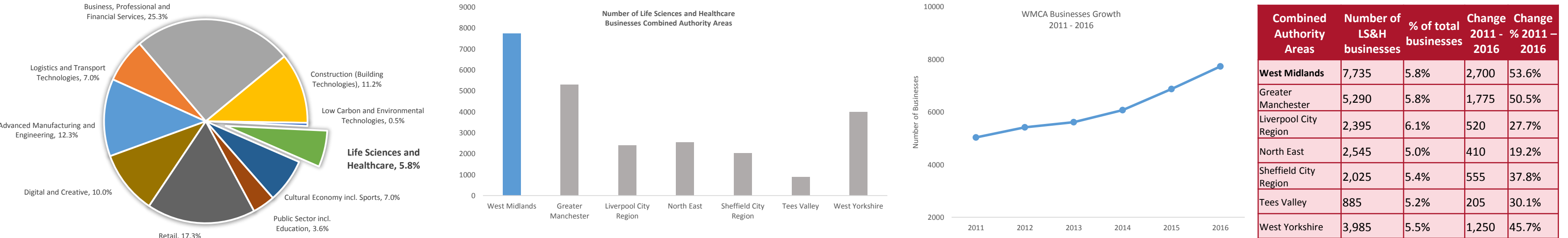
Most important sector: Human Health activities
(55.7%)



BUSINESSES

Current Businesses: 7,735
5.8% of total businesses

Growth Rates 2011 - 2016
+53.6%



Life Sciences & Healthcare: Top 50 Businesses by GVA														£33,269 Average GVA per employee	
No.	Company name	Industry Classification Benchmark	Ownership	Latest Operating Revenue (Turnover) th GBP Last avail. yr	Latest No of Employees Last avail. yr	GVA - Latest	Employment Costs - Latest	GVA Components Total Amortization and Impairment th GBP Last avail. yr	Depreciation th GBP Last avail. yr	GVA per employee Profit (Loss) before Taxation th GBP Last avail. yr	Employment Costs + Depreciation	GVA/ Costs	GVA Change 1yr %		
1	Embrace Group Limited	Healthcare Equipment & Services	UK	112,433	4,588	72526	76,107	-3,298	3,534	-3,817	15,808	79,641	91.1%	376.3%	
2	Core Assets Group Limited	Healthcare Equipment & Services	UK	168,336	1,540	53265	42,271	5,424	1,414	4,156	34,588	43,685	121.9%	8.8%	
3	Ideapark Limited	Healthcare Equipment & Services	UK	168,336	1,540	53247	42,271	5,424	1,414	4,138	34,576	43,685	121.9%	9.0%	
4	Sevacare (UK) Limited	Healthcare Equipment & Services	UK	59,107	4,248	49847	48,007	209	263	1,368	11,734	48,270	103.3%	4.7%	
5	Healthcare At Home Ltd	Healthcare Equipment & Services	UK	1,374,052	1,717	48512	52,723	655	2,340	-7,206	28,254	55,063	88.1%	31.9%	
6	Thera Trust	Healthcare Equipment & Services	UK	53,725	2,663	46404	45,695	8	292	409	17,425	45,987	100.9%	13.1%	
7	Alliance Medical Limited	Healthcare Equipment & Services	UK	92,068	687	45976	25,853	0	9,653	10,470	66,923	35,506	129.5%	-2.9%	
8	Sovereign Hospital Services Limited	Healthcare Equipment & Services	UK	68,929	1,053	40908	36,782	0	134	3,992	38,849	36,916	110.8%	-12.7%	
9	Lloyds Pharmacy Clinical Homecare Limited	Healthcare Equipment & Services	Foreign	450,088	816	40084	32,438	137	1,138	6,371	49,123	33,576	119.4%	#VALUE!	
10	The Binding Site Group Limited	Pharmaceuticals & Biotechnology	UK	54,198	463	39345	18,087	1,832	1,920	17,506	84,978	20,007	196.7%	20.3%	
11	The Extracare Charitable Trust	Healthcare Equipment & Services	UK	81,778	1,902	38190	30,542	78	2,023	5,547	20,079	32,565	117.3%	24.3%	
12	Midshires Care Limited	Healthcare Equipment & Services	UK	40,682	1,849	34879	29,615	24	184	5,056	18,864	29,799	117.0%	19.7%	
13	Halcyon Topco Limited	Pharmaceuticals & Biotechnology	UK	1,426,063	1,848	28444	56,216	19,369	2,452	-49,593	15,392	58,668	48.5%	57.1%	
14	Larchwood Care Homes (South) Limited	Healthcare Equipment & Services	UK	46,605	1,190	27501	26,650	0	851	0	23,110	27,501	100.0%	103.2%	
15	Mira Limited	Pharmaceuticals & Biotechnology	Foreign	45,683	484	26288	23,174	0	1,759	1,355	54,314	24,933	105.4%	5.9%	
16	Larchwood Care Homes (North) Limited	Healthcare Equipment & Services	UK	40,479	1,262	25671	25,157	0	720	-206	20,342	25,877	99.2%	-15.1%	
17	Foster Care Associates Limited	Healthcare Equipment & Services	UK	88,656	553	25311	17,906	388	1,076	5,941	45,770	18,982	133.3%	-14.1%	
18	Radis Limited	Healthcare Equipment & Services	UK	21,997	1,454	19010	18,179	332	71	428	13,074	18,250	104.2%	13.7%	
19	ST. Jude Medical U.K. Limited	Pharmaceuticals & Biotechnology	Foreign	25,745	159	18522	13,485	29	53	4,955	116,491	13,538	136.8%	15.0%	
20	Air Liquide (Homecare) Ltd.	Healthcare Equipment & Services	Foreign	32,239	355	17162	12,096	0	3,685	1,381	48,344	15,781	108.8%	1.9%	
21	Adas UK Limited	Support Services	UK	26,407	471	15974	14,991	0	326	657	33,915	15,317	104.3%	-2.9%	
22	British Pregnancy Advisory Service	Support Services	UK	28,440	724	15565	14,785	0	854	-74	21,499	15,639	99.5%	1.9%	
23	G P Homecare Limited	Healthcare Equipment & Services	UK	15,900	1,003	14254	13,357	159	47	691	14,211	13,404	106.3%	-5.9%	
24	Solor Care Group Limited	Healthcare Equipment & Services	UK	21,221	799	13919	13,343	-87	1,058	-395	17,421	14,401	96.7%	-13.1%	
25	Linnaeus Group Limited	Healthcare Equipment & Services	UK	19,894	224	12327	9,621	5,266	122	-2,682	55,031	9,743	126.5%		
26	Trident Reach The People Charity	Healthcare Equipment & Services	UK	13,292	790	12071	11,933	0	106	32	15,280	12,039	100.3%	6.4%	
27	Select Health Care Limited	Healthcare Equipment & Services	UK	17,070	797	11850	8,345	0	725	2,780	14,868	9,070	130.7%	42.3%	
28	LaserCare Clinics (Harrogate) Limited	Healthcare Equipment & Services	UK	25,172	384	11805	8,215	16	1,231	2,343	30,742	9,446	125.0%	3.7%	
29	Canterbury Care Homes Limited	Healthcare Equipment & Services	UK	11,644	433	11625	6,669	544	4,488	-76	26,848	11,157	104.2%	123.1%	
30	Practical Action	Healthcare Equipment & Services	UK	29,688	578	11547	10,412	4	370	761	19,978	10,782	107.1%	17.0%	
31	The Sandwell Community Caring Trust	Healthcare Equipment & Services	UK	14,682	603	11293	11,000	0	0	293	18,728	11,000	102.7%	-0.8%	
32	Horizon Care And Education Group Limited	Support Services	UK	16,746	450	11157	10,055	0	559	543	24,793	10,614	105.1%	16.2%	
33	Willows Veterinary Services Limited	Healthcare Equipment & Services	UK	17,011	150	10622	7,634	4,293	47	-1,352	70,813	7,681	138.3%		
34	Acorns Children's Hospice Trust	Healthcare Equipment & Services	UK	13,925	327	10537	11,058	0	494	-1,015	32,223	11,552	91.2%	-13.9%	
35	WCS Care Group Limited	Healthcare Equipment & Services	UK	12,987	605	9903	7,923	0	828	1,152	16,369	8,751	113.2%	19.3%	
36	MTC Operations Limited	Pharmaceuticals & Biotechnology	UK	22,102	261	9811	9,781	0	0	30	37,590	9,781	100.3%	#DIV/0!	
37	ST. Giles Hospice	Healthcare Equipment & Services	UK	13,647	328	9387	9,176	0	575	-364	28,619	9,751	96.3%	-0.1%	
38	People In Action	Healthcare Equipment & Services	UK	11,132	537	9033	9,028	28	53	-76	16,821	9,081	99.5%	-0.5%	
39	RMO International Healthcare LLP	Healthcare Equipment & Services	UK	9,416	163	8712.42	7,749	0	14	950	53,450	7,763	112.2%	2.9%	
40	The Care Bureau Limited	Healthcare Equipment & Services	UK	9,140	564	8451.355	7,779	25	35	613	14,985	7,814	108.2%	8.1%	
41	Changan UK R & D Centre Limited	Support Services	Foreign	17,398	75	7926	5,942	207	-126	1,903	105,680	5,816	136.3%	43.8%	
42	The Myton Hospices	Healthcare Equipment & Services	UK	11,092	285	7640	6,913	3	494	230	26,807	7,407	103.1%	12.1%	
43	Compton Hospice Limited	Healthcare Equipment & Services	UK	9,703	268	7439	6,428	0	368	643	27,757	6,796	109.5%	-6.7%	
44	Swanswell Charitable Trust	Healthcare Equipment & Services	UK	9,529	283	7100.832	6,868	0	90	143	25,091	6,958	102.1%	-13.6%	
45	Extel Limited	Healthcare Equipment & Services	UK	8,859	315	7038.389	5,044	0	250	1,744	22,344	5,295	132.9%	29.3%	
46	Options Autism (2) Limited	Healthcare Equipment & Services		8,651	279	6897	5,064	0	550	1,283	24,720	5,614	122.9%	11.0%	
47	Shuropody Limited	Healthcare Equipment & Services	UK	19,530	515	6364	7,384	101	548	-1,669	12,357	7,932	80.2%	2.4%	
48	Langley House Trust	Healthcare Equipment & Services	UK	12,027	233	6338	5,706	0	413	219	27,202	6,119	103.6%	-5.1%	
49	The Air Ambulance Service	Healthcare Equipment & Services		14,694	168	6329	3,554	0	275	2,500	37,673	3,829	165.3%	26.6%	
50	Greenbrook Healthcare (Hounslow) Limited	Healthcare Equipment & Services		15,433	183	5778	5,288	0	20	470	31,574	5,308	108.9%		

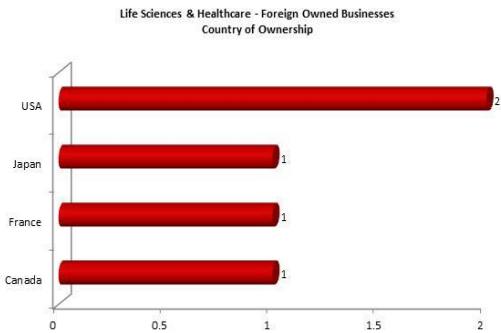
Life Sciences & Healthcare: UK 2013 GVA per employee - £26,970
23 of the above 50 companies (46%) have above average GVA per employee

GVA Growth

- GVA generated by the top 50 businesses has **increased by 25.8%** over 1yr period
- 32** of the top 50 businesses have **increased GVA** over a 1yr period
- 11** businesses have **increased GVA by 20% and over**
- 20** businesses have **increased GVA by 10% and over**

Foreign Ownership & Listing

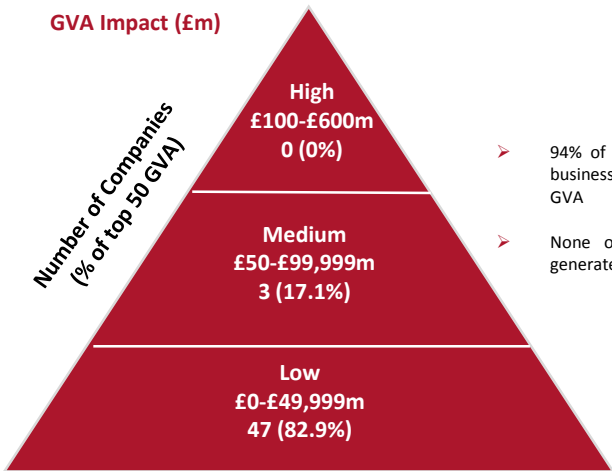
- 5** businesses in the top 50 are **foreign owned**
- The largest foreign owned company in the top 50 is ranked 9th - **Lloyds Pharmacy Clinical Homecare Limited**
- The largest number of global owners are in the USA (2 businesses)
- Average GVA per employee for these businesses is £172,327
- 5 businesses are listed on the London Stock Exchange - GKN PLC, National Express Group PLC, IMI PLC, Halfords Group PLC, Rotala PLC



Foreign Owned Strategic Businesses: City HQs

USA	San Francisco
	St Paul
Japan	Kyoto
China	Chongqing
France	Paris

GVA Impact (£m)



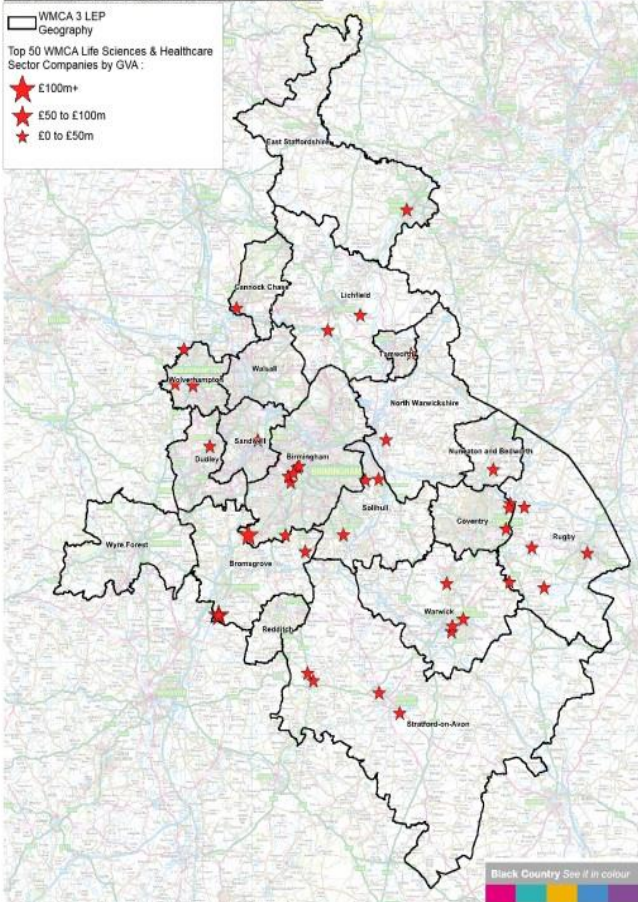
- 94% of the top 50 businesses (47 businesses) generate under £50m GVA
- None of the top 50 businesses generate over £100m

Sub Sector (Industry Classification Benchmark)	High		Medium		Low		Total Businesses	Total GVA	% of total GVA	Av. GVA per employee	Av. GVA/ Costs	GVA Change 1yr %
	No. of businesses	GVA	No. of businesses	GVA	No. of businesses	GVA						
Healthcare Equipment & Services	0	0	3	179,038	38	697,716	41	876,754	83.5%	28,507	111.1%	0.3%
Pharmaceuticals & biotechnology	0	0	0	0	5	122,410	5	122,410	11.7%	61,753	117.5%	33.4%
Support Services	0	0	0	0	4	50,622	4	50,622	4.8%	46,472	111.3%	8.1%
Total	0	0	3	179,038	47	870,748	50	1,049,786				

Sub Sector Analysis

- 83.5%** of GVA generated by the top 50 businesses is concentrated in 1 sub sector:
- Healthcare Equipment & Services** has the highest number of businesses in the top 50 (41 businesses)
- Pharmaceuticals & Biotechnology** has the highest average GVA per employee
- Pharmaceuticals & Biotechnology** has the highest growth rate (33.4%).

TOP 50 LIFE SCIENCES & HEALTHCARE SECTOR COMPANIES WITHIN WEST MIDLANDS COMBINED AUTHORITY



GVA

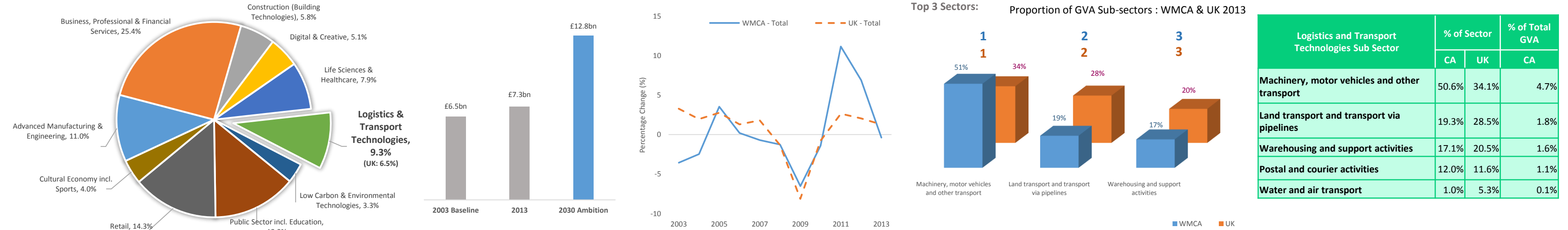
Current GVA: £7.3bn
9.3% of total WMCA GVA

Growth Ambition: £12.8bn
+£5.5bn GVA

Growth Rates 2010 – 2013

WMCA : 18.4% (+£7.0bn) UK : +6.1%

Most important sector: Machinery, motor vehicles and other transport (50.6%)



JOBS

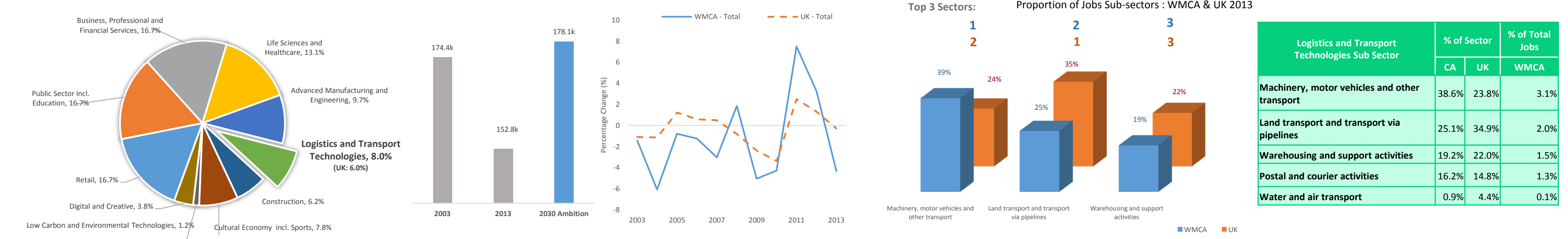
Current Jobs: 152,800
8.0% of total jobs

Growth Ambition: 178,100
+ 25,300 jobs

Growth Rates 2010 - 2013

WMCA : +6.2% (+8,900 Jobs) UK : +3.5%

Most important sector: Machinery, motor vehicles and other transport (38.6%)

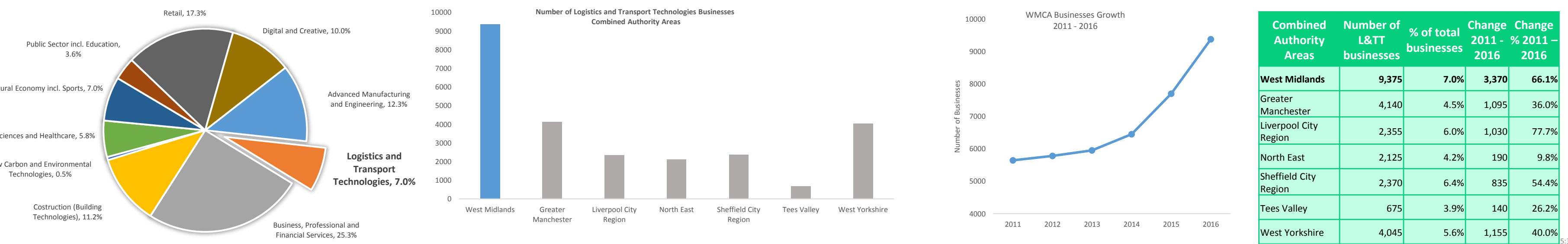


BUSINESSES

Current Businesses: 9,375
7.0% of total businesses

Growth Rates 2011 - 2016

+66.1%



Logistics & Transport Technologies: Top 50 Businesses by GVA													
£11.7bn GVA		£106,144 Average GVA per employee											
No.	Company name	Industry Classification Benchmark	Ownership	Latest Operating Revenue (Turnover) th GBP Last avail. yr	Latest No of Employees Last avail. yr	GVA (Latest)	Employee Costs (Latest)	GVA Components Total Amortization and Impairment th GBP Last avail. yr	Depreciation th GBP Last avail. yr	Profit (Loss) th GBP Last avail. yr	GVA per employee	GVA/ Costs	GVA Change (1yr %)
1	Jaguar Land Rover Limited	Automobiles & Parts	Foreign	19,079,000	32,479	4,679,000	2,182,000	774,000	626,000	1,097,000	144,062	166.6%	4.3%
2	GKN PLC	Automobiles & Parts	UK	7,231,000	47,063	2,543,000	1,886,000	147,000	265,000	245,000	54,034	118.2%	5.7%
3	National Express Group PLC	Travel & Leisure	UK	1,919,800	42,622	1,130,300	875,900	25,700	104,300	124,400	26,519	115.3%	7.9%
4	IMI PLC	Industrial Engineering	UK	1,567,000	11,711	747,100	507,100	37,500	39,800	162,700	63,795	136.6%	-15.5%
5	J.C.B. Service	Industrial Engineering	Foreign	2,343,100	8,875	532,600	376,400	14,200	39,300	102,700	60,011	128.1%	-14.1%
6	Halfords Group PLC	Other	UK	1,021,500	11,038	313,300	203,400	6,300	23,800	79,800	28,384	137.9%	0.4%
7	Dpdgroup UK Ltd	Industrial Transportation	Foreign	872,547	6,136	310,759	191,138	840	14,452	104,329	50,645	151.2%	
8	Delphi Diesel Systems Limited	Automobiles & Parts	UK	428,383	2,600	174,458	120,181	4,256	18,780	31,241	67,099	125.5%	0.3%
9	TRW Limited	Automobiles & Parts	UK	306,601	2,005	125,272	67,151	440	10,017	47,664	62,480	162.3%	46.9%
10	Eriks Industrial Services Limited	Automobiles & Parts	Foreign	271,507	1,851	79,385	64,767	461	1,766	12,391	42,888	119.3%	-4.1%
11	Aston Martin Holdings (UK) Limited	Automobiles & Parts	UK	510,172	1,476	74,928	83,407	73,157	46,320	-127,956	50,764	57.8%	-3.9%
12	Goodrich Actuation Systems Limited	Aerospace & Defence	Foreign	269,700	1,330	71,800	77,200	6,800	5,300	-17,500	53,985	87.0%	-22.7%
13	International Automotive Components Group Limited	Automobiles & Parts	UK	489,044	2,002	69,227	61,701	0	7,181	345	34,579	100.5%	8.7%
14	Birmingham Airport Limited	Travel & Leisure	UK	130,700	448	65,827	19,095	0	22,010	24,722	146,935	160.1%	14.5%
15	Titan Europe Limited	Automobiles & Parts	Foreign	280,271	2,051	58,979	61,753	738	12,573	-16,085	28,756	79.4%	-18.2%
16	Stadco Limited	Automobiles & Parts	Foreign	218,057	1,012	55,999	41,593	2	4,715	9,689	55,335	120.9%	14.0%
17	Moog Wolverhampton Limited	Aerospace & Defence	Foreign	125,337	438	45,829	20,786	2,902	1,999	20,142	104,632	201.1%	20.1%
18	Agco Limited	Industrial Engineering	Foreign	309,491	511	45,065	30,824	0	1,360	12,881	88,190	140.0%	17.2%
19	Dennis Eagle Limited	Automobiles & Parts	UK	146,564	624	34,163	21,906	663	890	10,704	54,748	149.9%	-3.9%
20	Davies Turner PLC	Industrial Transportation	UK	158,003	823	33,076	27,228	0	1,603	4,245	40,190	114.7%	7.5%
21	Rotala PLC	Travel & Leisure	UK	50,889	1,041	30,804	27,037	0	3,025	742	29,591	102.5%	0.9%
22	SAI Automotive Fradley Ltd	Automobiles & Parts	Foreign	150,681	499	28,373	14,781	16	741	12,835	56,860	182.8%	
23	Interlink Express Parcels Limited	Industrial Transportation	Foreign	203,987	11	27,423	382	0	0	27,041	2,493,000	7178.8%	6.6%
24	Palletways Group Limited	Industrial Transportation	UK	237,081	521	26,709	23,370	2,140	462	737	51,265	112.1%	25.5%
25	Thwaites Limited	Industrial Engineering	UK	77,704	233	25,961	12,644	0	549	12,768	111,421	196.8%	43.8%
26	Schaeffler (UK) Limited	Automobiles & Parts	Foreign	65,765	310	23,248	12,798	8	2,066	8,376	74,994	156.4%	-2.1%
27	Brose Limited	Automobiles & Parts	Foreign	153,802	405	21,595	12,953	0	3,714	4,928	53,321	129.6%	59.0%
28	iforce Group Limited	Industrial Transportation	UK	50,067	710	20,234	18,634	404	415	781	28,499	106.2%	33.7%
29	DAU Draexlmaier Automotive UK Limited	Automobiles & Parts	UK	32,482	429	19,634	16,303	0	1,743	1,588	45,767	108.8%	14.5%
30	AWC Industries Limited	Automobiles & Parts	UK	58,424	748	19,405	15,323	-253	2,355	1,980	25,943	109.8%	-5.4%
31	Hydratight Limited	Industrial Engineering	Foreign	43,984	330	19,165	14,498	167	2,202	2,298	58,076	114.8%	-37.8%
32	Carver Group Limited	Industrial Engineering	UK	44,060	233	19,145	16,109	861	344	1,831	82,167	116.4%	32.7%
33	Aspray Transport Limited	Industrial Transportation	UK	35,910	760	18,865	15,568	0	2,226	1,071	24,822	106.0%	5.9%
34	Ansaldo Nuclear Engineering Services Limited	Industrial Engineering	UK	37,104	310	18,692	14,581	247	676	3,188	60,297	122.5%	-0.3%
35	Amada United Kingdom Limited	Industrial Engineering	Foreign	65,148	211	16,499	8,233	0	269	7,997	78,194	194.1%	15.1%
36	A.Clarke & Co.(Smethwick)Limited	Industrial Transportation	UK	37,844	457	16,377	14,588	0	1,540	249	35,836	101.5%	14.0%
37	Mahle Engine Systems UK Limited	Automobiles & Parts	Foreign	48,035	488	15,469	16,011	1,028	1,063	-2,633	31,699	90.6%	
38	Norgren Limited	Industrial Engineering	UK	75,019	408	15,359	17,695	202	1,379	-3,917	37,645	80.5%	-0.2%
39	Concentric Birmingham Limited	Industrial Engineering	Foreign	43,717	216	15,350	6,473	0	836	8,041	71,065	210.0%	24.4%
40	Grupo Antolin Leamington Limited	Automobiles & Parts	Foreign	68,962	196	14,816	6,410	683	929	6,794	75,592	201.9%	-8.2%
41	Bulwell Precision Engineers Limited	Aerospace & Defence	UK	30,731	308	14,204	9,971	0	810	3,423	46,117	131.8%	21.3%
42	Napier Turbochargers Limited	Industrial Engineering	Foreign	31,896	148	14,170	5,629	1,423	1,012	6,106	95,743	213.4%	3.7%
43	Rudolph & Hellmann Automotive Limited	Automobiles & Parts	UK	34,152	495	13,977	13,612	0	61	304	28,236	102.2%	69.9%
44	HS Marston Aerospace Limited	Aerospace & Defence	Foreign	36,034	322	13,678	13,635	142	798	-897	42,478	94.8%	13.4%
45	The Alternative Parcels Company Limited	Industrial Transportation	UK	98,834	486	13,359	9,540	0	1,391	2,428	27,488	122.2%	6.5%
46	CAB Automotive Ltd.	Automobiles & Parts	UK	44,169	304	13,019	10,554	0	795	1,670	42,826	114.7%	40.2%
47	Paintbox Group Limited	Automobiles & Parts	UK	45,434	350	12,685	10,407	77	906	1,295	36,243	112.1%	17.6%
48	Fanuc UK Limited	Industrial Engineering	Foreign	49,367	87	12,149	6,513	408	315	4,913	139,644	177.9%	166.8%
49	Uk-Nsi CO. Limited	Automobiles & Parts	Foreign	68,109	385	11,657	10,841	0	1,530	-714	30,278	94.2%	-16.0%
50	HUF U.K. Limited	Automobiles & Parts	Foreign	51,654	340	11,588	8,928	24	1,273	1,363	34,082	113.6%	103.4%

Logistics & Transport Technologies: UK 2013 GVA per employee - £48,283
28 of the above 50 companies (56%) have above average GVA per employee

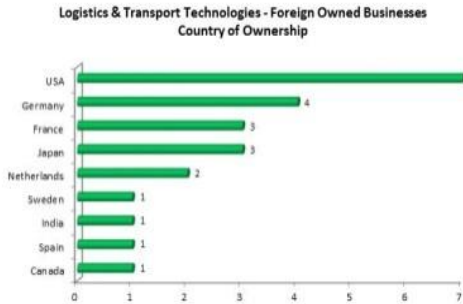
GVA is calculated by adding together operating profit, employee costs, depreciation and amortisation/impairment charges.
There are 2 measures of companies' efficiency of wealth creation: labour productivity defined as GVA per employee and the ratio of GVA to the costs of employment and depreciation used to create it.
The data was produced by conducting a search of FAME for active companies with registered offices in the area and selecting the largest companies by turnover based on the most recent filed accounts.
Businesses have been classified using the 41 sectors in the Industry Classification Benchmark (ICB) structure for sector and industry analysis, supported by the IBC database which is maintained by FTSE International Limited.

GVA Growth

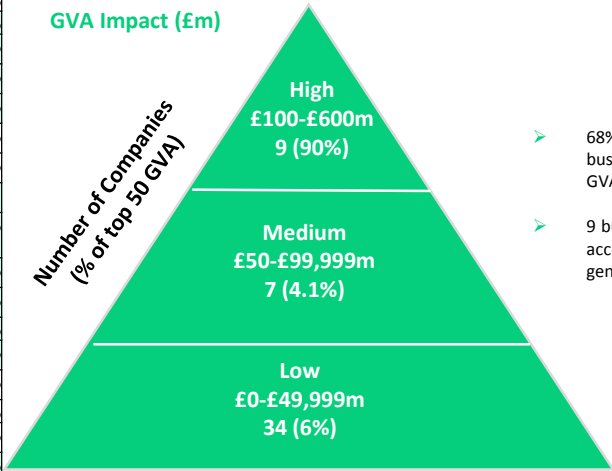
- GVA generated by the top 50 businesses has **increased by 5.7%** over 1yr period
- 33** of the top 50 businesses have **increased GVA** over a 1yr period
- 13** businesses have **increased GVA by 20% and over**
- 21** businesses have **increased GVA by 10% and over**

Foreign Ownership & Listing

- 23** companies in the top 50 are **foreign owned**
- The largest foreign owned company in the top 50 is ranked 1st - **Jaguar Land Rover Limited**
- The largest number of global owners are in the USA (7 businesses)
- Average GVA per employee for these businesses is £172,327
- 5 businesses are listed on the London Stock Exchange - GKN PLC, National Express Group PLC, IMI PLC, Halfords Group PLC, Rotala PLC



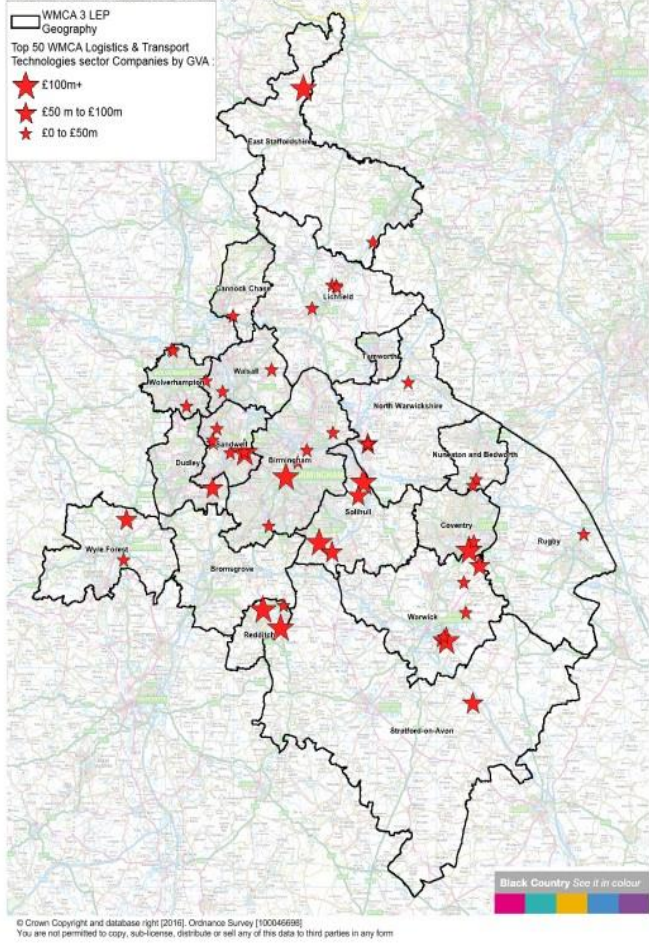
GVA Impact (£m)



- 68% of the top 50 businesses (34 businesses) generate under £50m GVA
- 9 businesses generate over £100m, accounting for 90% of total GVA generated by the top 50 businesses

Foreign Owned Strategic Businesses: City HQs	
USA	Quincy
	Farmington
	East Aurora
	Menomonee Falls
	Wilmerding
Japan	Duluth
	Nagaoka, Niigata
	Kanagawa
	Yamanashi
France	Paris
Germany	Bamberg
	Herzogenaurach
	Velbert
	Kirchheim
Spain	Burgos
Sweden	Linkoping
India	Mumbai
Canada	Aurora

TOP 50 LOGISTICS & TRANSPORT TECHNOLOGIES SECTOR COMPANIES WITHIN WEST MIDLANDS COMBINED AUTHORITY



Sub Sector (Industry Classification Benchmark)	High		Medium		Low		Total Businesses	Total GVA	% of total GVA	Av. GVA per employee	Av. GVA/ Costs	GVA Change 1yr %
	No. of businesses	GVA	No. of businesses	GVA	No. of businesses	GVA						
Aerospace & Defence	0	0	1	71,800	3	73,711	4	145,511	1.2%	61,803	128.7%	-6.0%
Automobiles & Parts	4	7,521,730	5	338,518	13	239629	22	8,099,877	69.0%	51,390	123.5%	5.6%
Industrial Engineering	2	1,279,700	0	0	10	201,555	12	1,481,255	12.6%	78,854	152.6%	-12.1%
Industrial Transportation	1	310,759	0	0	7	156,043	8	466,802	4.0%	343,968		41.8%
Travel & Leisure	1	1,130,300	0	0	2	96,631	3	1,226,931	10.5%	29,591	102.5%	0.9%
Other	1	313,300	0	0	0	0	1					
Total	9	10,555,789	6	410,318	35	767,569	50	11,733,676				

Sub Sector Analysis

- 69%** of GVA generated by the top 50 businesses is concentrated in 1 sub sector: **Automobiles & Parts**
- Automobiles & Parts** has the highest number of businesses in the top 50 (22 businesses)
- Industrial Transportation** has the highest average GVA per employee
- Industrial Transportation** has the highest growth rate (41.8%). Aerospace & Defence and Industrial Engineering have seen a negative growth rate over a 1year period.



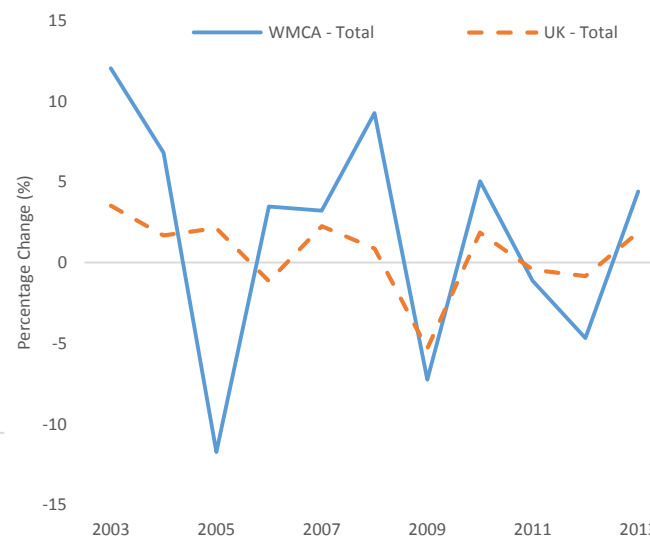
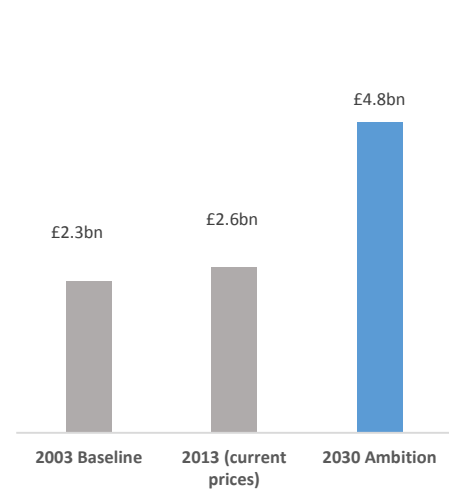
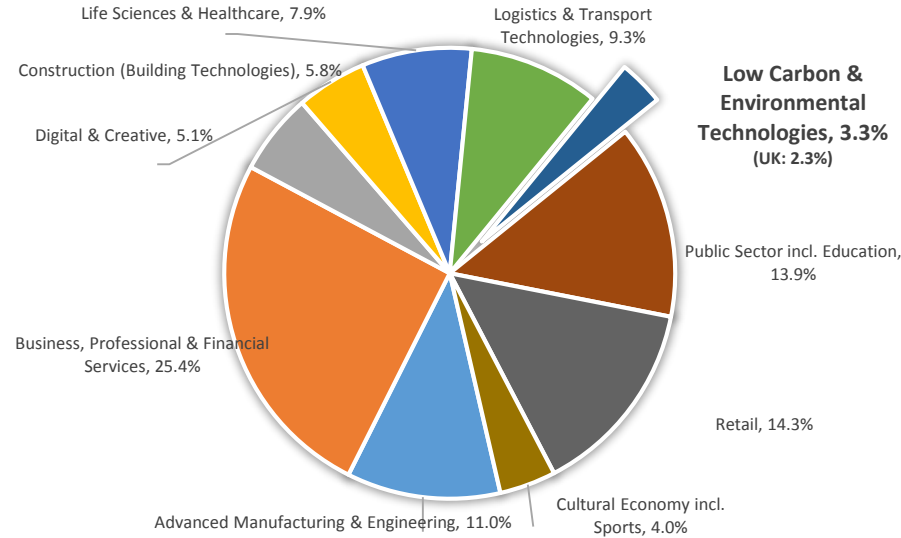
GVA

Current GVA: £2.6 bn
3.3% of total WMCA GVA

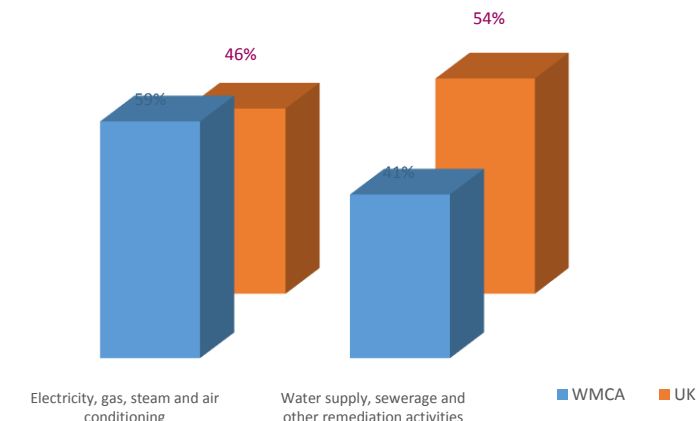
Growth Ambition: £4.8bn
+£2.2bn GVA

Growth Rates 2010 – 2013
WMCA : +1.5% (£+0.1bn) UK : +0.5%

Most important sector: Electricity, gas, steam and air conditioning (59.1%)



Proportion of GVA Sub-sectors : WMCA & UK 2013



Low Carbon and Environmental Technologies Sub Sector	% of Sector		% of Total GVA
	CA	UK	CA
Electricity, gas, steam and air conditioning	59.1%	46.3%	1.9%
Water supply, sewerage and other remediation activities	40.9%	53.7%	1.3%



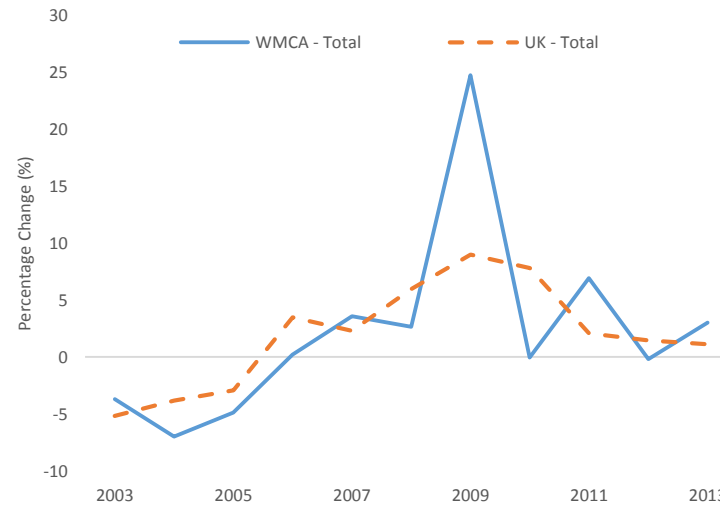
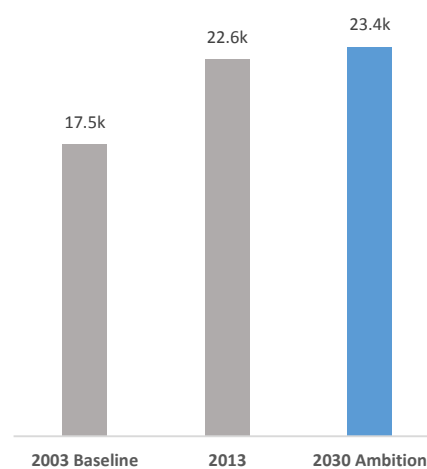
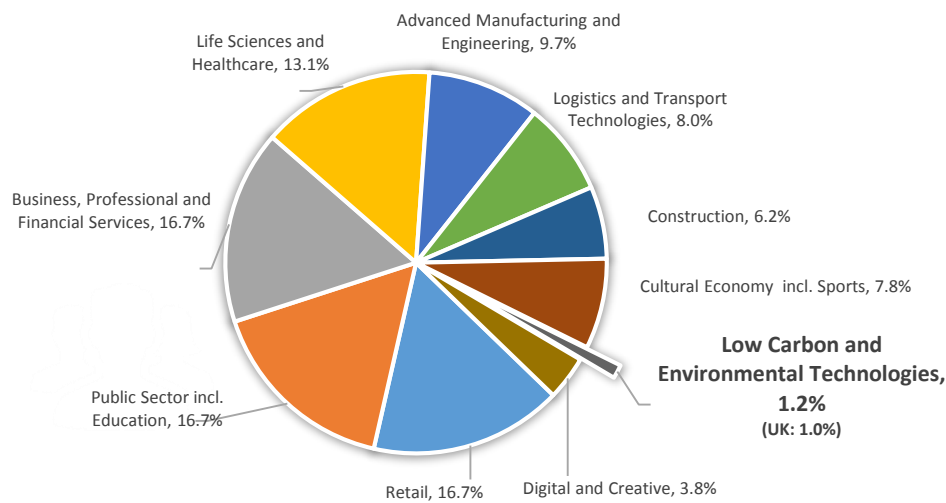
JOBS

Current Jobs: 22,600
1.2% of total jobs

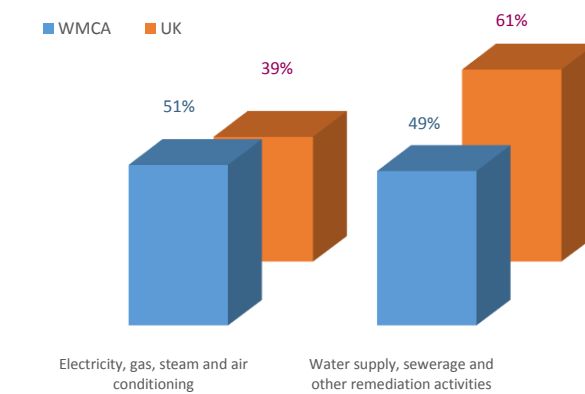
Growth Ambition: 23,400
+ 800 jobs

Growth Rates 2010 - 2013
WMCA : 9.9% (+2,000 Jobs) UK : +4.7%

Most important sector: Electricity, gas, steam and air conditioning (51.0%)



Proportion of Jobs Sub-sectors : WMCA & UK 2013



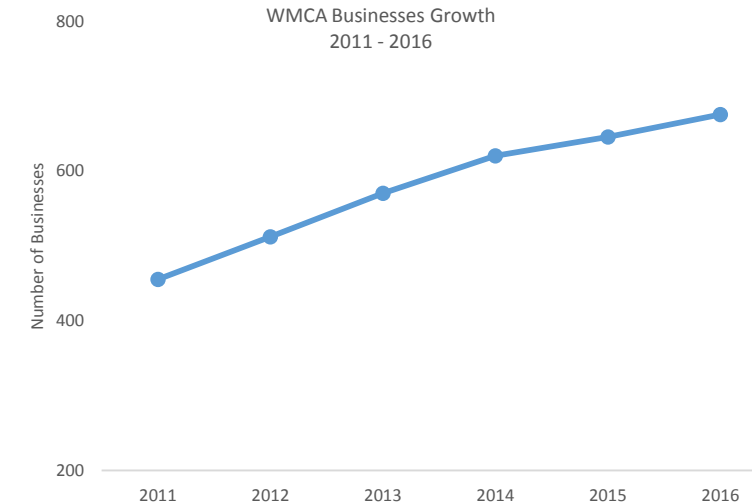
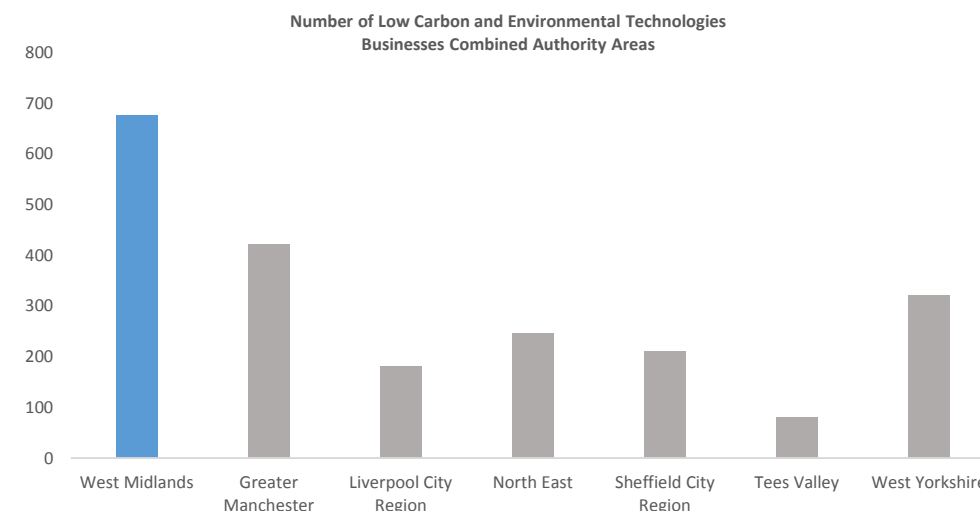
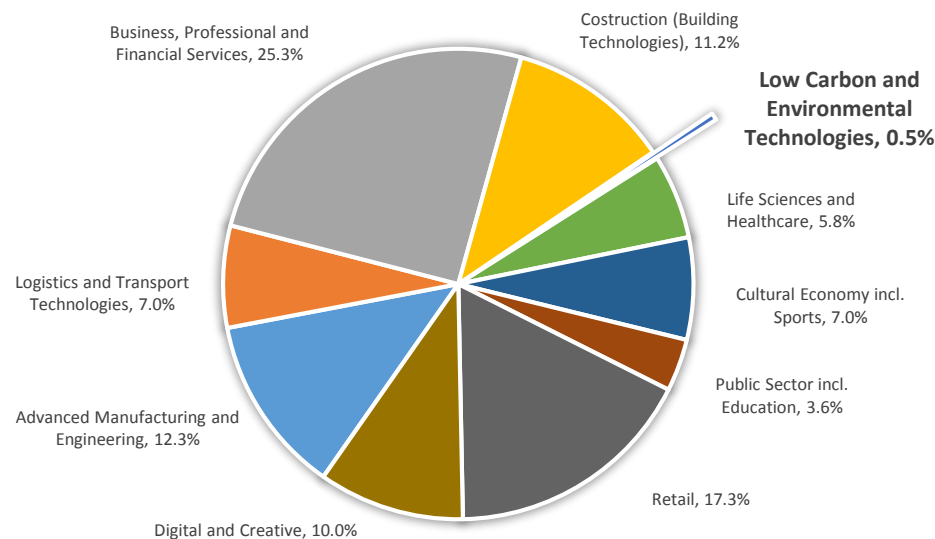
Low Carbon and Environmental Technologies Sub Sector	% of Sector		% of Total Jobs
	CA	UK	CA
Electricity, gas, steam and air conditioning	51.0%	39.4%	0.6%
Water supply, sewerage and other remediation activities	49.0%	60.6%	0.6%



BUSINESSES

Current Businesses: 675
0.5% of total businesses

Growth Rates 2011 - 2016
+48.4%



Combined Authority Areas	Number of LC&ET businesses	% of total businesses	Change 2011 - 2016	Change % 2011 - 2016
West Midlands	675	0.5%	220	48.4%
Greater Manchester	420	0.5%	100	31.3%
Liverpool City Region	180	0.5%	35	24.1%
North East	245	0.5%	70	40%
Sheffield City Region	210	0.6%	60	40%
Tees Valley	80	0.5%	25	45.5%
West Yorkshire	320	0.4%	110	52.4%

		£2.2bn GVA	Low Carbon & Environmental Technologies: Top 50 Businesses by GVA												£98,364 Average GVA per employee
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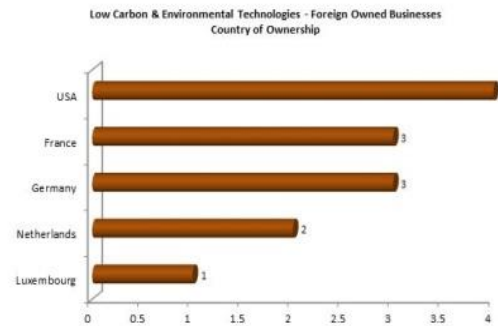
No.	Company name	Industry Classification Benchmark	Ownership	Latest Operating Revenue (Turnover) th GBP Last avail. yr	Latest No of Employees Last avail. yr	GVA - Latest	Employment Costs - Latest	Total Amortization and Impairment th GBP Last avail. yr	Depreciation th GBP Last avail. yr	Profit (Loss) before Taxation th GBP Last avail. yr	GVA per employee	Employment Costs + Depreciation	GVA/ Costs	GVA Change 1yr %
1	E.On UK PLC	Gas, Water & Multi-utilities	Foreign	1,126,000	1,624	948,000	155,000	0	77,000	716,000	583,744	232,000	408.6%	731.6%
2	Severn Trent PLC	Support Services	UK	1,786,900	7,459	915,600	324,500	-25,100	293,900	322,300	122,751	618,400	148.1%	16.9%
3	South Staffordshire Water PLC	Support Services	Foreign	123,876	430	69,033	19,681	0	21,355	27,997	160,542	41,036	168.2%	-5.1%
4	Uniper UK Limited	Gas, Water & Multi-utilities	Foreign	215,000	643	40,000	17,000	0	29,000	-6,000	62,208	46,000	87.0%	
5	First Utility Limited	Gas, Water & Multi-utilities	UK	847,309	947	38,984	31,847	4,091	1,348	1,698	41,166	33,195	117.4%	14.1%
6	Impello PLC	Support Services	UK	847,947	950	37,959	32,187	4,098	1,352	322	39,957	33,539	113.2%	11.1%
7	Integrated Water Services Limited	Support Services	Foreign	53,011	592	20,681	17,594	776	355	1,956	34,934	17,949	115.2%	5.5%
8	The Coventry And Solihull Waste Disposal Company Limited	Gas, Water & Multi-utilities	UK	25,941	71	15,216	3,763	34	3,862	7,557	214,310	7,625	199.6%	6.1%
9	UK Power Reserve Limited	Gas, Water & Multi-utilities	UK	16,830	46	8,777	2,196	174	1,817	4,590	190,804	4,013	218.7%	26.4%
10	Veolia ES Birmingham Limited	Support Services	Foreign	39,260	194	7,956	7,510	0	1,127	-681	41,010	8,637	92.1%	-41.2%
11	Green Frog Power Limited	Gas, Water & Multi-utilities	UK	16,140	16	7,584	968	0	1,318	5,298	474,000	2,286	331.8%	61.2%
12	Hydrosave UK Limited	Support Services	Foreign	11,114	317	7,410	7,288	0	347	-225	23,375	7,635	97.1%	3.5%
13	MES Environmental Limited	Support Services	Foreign	17,853	109	6,505	4,324	0	142	2,039	4,466	145.7%		1.3%
14	Green Rigg Windfarm Limited	Gas, Water & Multi-utilities	UK	9,224		6,204	0	0	2,243	3,961		2,243	276.6%	-31.5%
15	Tardis Environmental UK Limited	Support Services	UK	10,582	79	6,074	2,490	0	405	3,179	76,886	2,895	209.8%	32.2%
16	Weir Waste Services Limited	Support Services	UK	14,800	110	5,162	3,677	0	1,190	295	46,927	4,867	106.1%	10.1%
17	Recycoal Limited	Mining	Foreign	15,178	123	5,020	4,892	0	8,604	-8,476	40,813	13,496	37.2%	-2.6%
18	Jacopa Limited	Gas, Water & Multi-utilities	UK	14,903	73	4,149	3,598	107	142	302	56,836	3,740	110.9%	
19	MES Compliance Water Division Limited	Gas, Water & Multi-utilities	Foreign	11,288	132	4,107	6,196	0	0	-2,089	31,114	6,196	66.3%	-38.2%
20	Environmental Resource Group Limited	Support Services	UK	11,451	109	3,664	2,485	0	228	951	33,615	2,713	135.1%	
21	Willshee's Skip Hire Limited	Support Services	UK	9,382	58	3,267	1,610	300	490	868	56,336	2,099	155.6%	771.5%
22	Tom White Waste Limited	Support Services	UK	8,658	82	3,190	2,045	0	524	621	38,903	2,569	124.2%	33.0%
23	Tullo Wind Farm Limited	Gas, Water & Multi-utilities	Foreign	4,309		3,032	0	0	1,018	2,014	1,018	297.8%		9.0%
24	Alutrade Limited	Support Services	UK	15,498	55	2,917	1,943	0	685	289	53,036	2,628	111.0%	-7.6%
25	Tuke And Bell Limited	Support Services	UK	7,295	94	2,817	2,362	0	21	434	29,969	2,383	118.2%	1.9%
26	Chemtech Waste Management Ltd.	Support Services	UK	10,762	75	2,778	1,799	0	210	769	37,040	2,009	138.3%	875.3%
27	Economy Energy Trading Limited	Gas, Water & Multi-utilities	UK	36,208	50	2,579	1,436	0	47	1,096	51,580	1,483	173.9%	186.9%
28	District Energy Limited	Gas, Water & Multi-utilities	UK	5,011		2,349	0	0	104	2,245		104	2258.7%	7.0%
29	Rusholme Windfarm Limited	Gas, Water & Multi-utilities	UK	4,332		2,285	0	0	1,558	727		1,558	146.7%	3.2%
30	Glide Utilities Limited	Gas, Water & Multi-utilities	UK	15,873	58	2,247	1,297	92	135	723	38,741	1,432	156.9%	20.9%
31	JBR Recovery Limited	Support Services	UK	48,944	43	2,012	1,578	0	221	213	46,791	1,799	111.8%	4.9%
32	Midland Oil Refinery Limited	Mining	UK	9,020	45	1,985	1,599	52	168	166	44,103	1,767	112.3%	-5.9%
33	Enablelink Limited	Support Services	UK	26,116	21	1,808	575	0	554	679	86,095	1,129	160.1%	21.2%
34	Glass Moor II Windfarm Limited	Gas, Water & Multi-utilities	UK	2,594		1,358	0	0	784	574		784	173.2%	-44.0%
35	One Stop Recycling Limited	Support Services	UK	21,290	26	1,264	1,089	0	229	-54	48,615	1,318	95.9%	-1.9%
36	Jack Moody Limited	Support Services	UK	2,550	31	986	1,103	0	95	-213	31,797	1,198	82.3%	-86.4%
37	Yorkshire Windpower Limited	Gas, Water & Multi-utilities	UK	2,037	4	979	0	0	42	937	244,750	42	2331.0%	-37.8%
38	Oberon Recycling Ltd	Support Services	UK	3,955		934	468	3	29	434		497	187.9%	
39	Eneco Burn of Whilk Limited	Gas, Water & Multi-utilities	Foreign	2,778		867	0	0	914	-47		914	94.9%	-6292.9%
40	Alutrade Can Recycling Limited	Support Services	UK	17,235	17	863	871	0	532	-540	50,765	1,403	61.5%	-53.8%
41	ELG Carbon Fibre Limited	Support Services	Foreign	2,814	66	847	1,872	75	742	-1,842	12,831	2,614	32.4%	6.7%
42	Lal-Grs Limited	Support Services	UK	4,154		826	0	0	90	737		90	923.3%	-16.4%
43	TPG Wind Limited	Gas, Water & Multi-utilities	UK	1,688		683	0	0	0	683		0		1119.6%
44	Valpak Recycling Limited	Support Services	UK	5,315	7	588	247	0	76	265	84,000	323	182.0%	6.1%
45	Sunpower Corporation UK Limited	Gas, Water & Multi-utilities	Foreign	8,817	4	536	359	0	0	176	133,889	359	149.1%	-16.2%
46	Dunton Environmental Limited	Support Services	UK	6,588		534	0	0	152	382		152	350.6%	50.1%
47	Visy Recycling Europe Limited	Support Services	UK	26,952	11	417	712	0	0	-295	37,909	712	58.6%	-349.7%
48	Reactive Integrated Services Ltd	Support Services	UK	6,817		398	0	0	40	359		40	1001.0%	-21.8%
49	WM. M. Briers & Son (Tamworth) Limited	Support Services	UK			373	0	0	373	0		373	100.0%	-11.0%
50	Premier Metal Recyclers Limited	Support Services	UK	29,661	1	276	258	0	0	18	276,000	258	107.0%	24.9%

GVA Growth

- GVA generated by the top 50 businesses has **increased by 86.1%** over 1yr period
- 28** of the top 50 businesses have **increased GVA** over a 1yr period
- 13** businesses have **increased GVA by 20% and over**
- 17** businesses have **increased GVA by 10% and over**

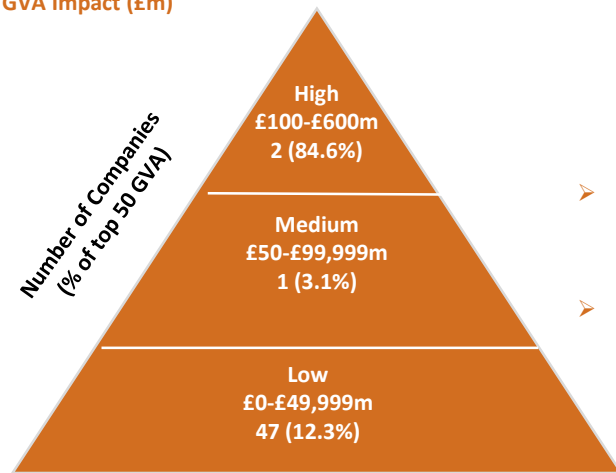
Foreign Ownership & Listing

- 13** companies in the top 50 are **foreign owned**
- The largest foreign owned company in the top 50 is ranked 1st - **E.On UK PLC**
- The largest number of global owners are in the USA (4 businesses)
- Average GVA per employee for these businesses is £107,649
- 1 business is listed on the London Stock Exchange - Severn Trent PLC



Foreign Owned Strategic Businesses: City HQs	
USA	New York
France	Paris
	Courbevoie
Germany	Dusseldorf
	Duisburg
Netherlands	Rotterdam
Luxembourg	Luxembourg

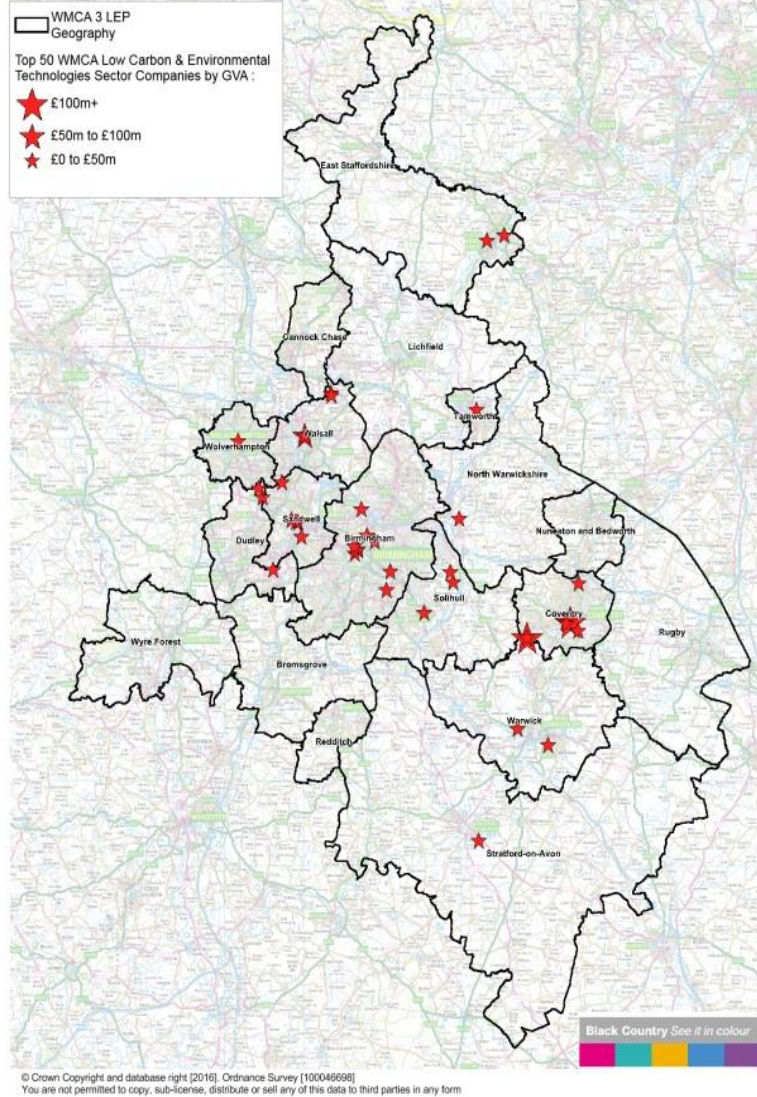
GVA Impact (£m)



- 94% of the top 50 businesses (47 businesses) generate under £50m GVA
- 2 businesses generate over £100m, accounting for 84.6% of total GVA generated by the top 50 businesses

Location of Top Performing Businesses

TOP 50 LOW CARBON & ENVIRONMENTAL TECHNOLOGIES SECTOR COMPANIES WITHIN WEST MIDLANDS COMBINED AUTHORITY



Low Carbon & Environmental Technologies: UK 2013 GVA per employee - **£105,412**

9 of the above 50 companies (18%) have above average GVA per employee

GVA is calculated by adding together operating profit, employee costs, depreciation and amortisation/impairment charges.

There are 2 measures of companies' efficiency of wealth creation: labour productivity defined as GVA per employee and the ratio of GVA to the costs of employment and depreciation used to create it.

The data was produced by conducting a search of FAME for active companies with registered offices in the area and selecting the largest companies by turnover based on the most recent filed accounts.

Businesses have been classified using the 41 sectors in the Industry Classification Benchmark (ICB) structure for sector and industry analysis, supported by the IBC database which is maintained by FTSE International Limited.