HE-Business & Community Interaction Survey Summary 2017-18

1. INTRODUCTION

The Higher Education – Business and Community Interaction (HE-BCI) Survey is collected annually from all UK publicly funded higher education providers (HEPs) and a number of alternative higher education providers. The HE-BCI Survey is the main vehicle for measuring the volume and direction of interactions between UK Higher Education Providers and business and the wider community. It covers a range of activities: from the commercialism of new knowledge, through to the delivery of professional training, consultancy and services, to activities intended to have direct social benefits. 'Business' in this context refers to both public and private sector partners of all sizes and sectors, with which higher education institutions have interactions.

This report summarises BU's performance in the 2017/18 return and progress since 2015/16. Comparison against the sector median average is provided. The median average has been used when comparing to the sector in order to exclude any outliers which could drastically alter the mean average making any comparisons with the sector misleading. Comparison against the current, aspirational and stretch aspirational comparator groups is also provided. The mean average has been used when comparing to these groups due to the small number of institutions within each comparator group.

Comparison against the recently formed Knowledge Exchange Framework (KEF) cluster group E, which includes universities with the following characteristics has also been included this year:

- Large universities with broad discipline portfolio across both STEM and non-STEM generating a mid-level amount of world-leading research across all disciplines
- Significant amount of research funded by gov't bodies/hospitals; 9.5% from industry
- Large proportion of part-time undergraduate students, and small postgraduate population dominated by taught postgraduates.

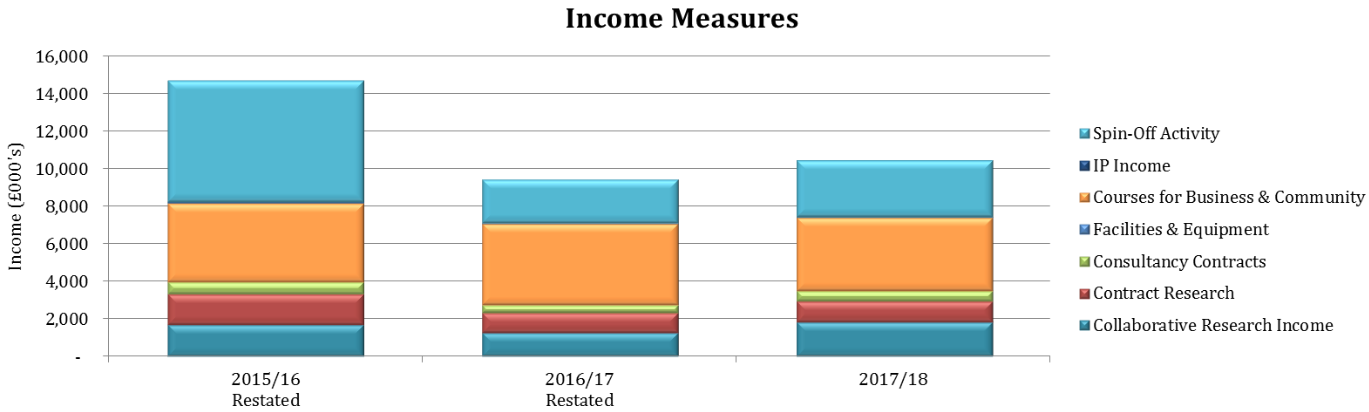
2. PERFORMANCE SUMMARY

The following table shows BU's performance since 2017. BU has continued its strong performance for income from courses for businesses & community (up 1 place since 2017 to 54th), climbing into the top 35% compared to the sector [34.6%] and maintaining its position in the upper-interquartile range again this year although income has declined by £0.408M since 2017. An increase of 74 disclosures & patents filed since 2017 has moved BU into the upper-interquartile range this year, ranked 26th [28.3%] (up 62 places) out of the 92 institutions with at least one disclosure or patent filed this year. The number of attendees to free events, BU's best performing area in 2017, has seen a decline this year to 69,167, resulting in a fall of 9 places to 63rd although this remains in the upper-interquartile range [40.4%].

	Collaborative Research Income (£000's)	Contract Research (£000's)	Consultancy Contracts (£000's)	Facilities & Equipment (£000's)	Courses for Businesses & Community (£000's)	Disclosures & Patents Filed, HEI (By Number)	Licenses Granted (By Number)	IP Income (£000's)	Spin-Off Activity (£000's)	Free Events, Attendees (By Number)	Chargeable Events, Attendees (By Number)
BU 2018	1,841	1,142	529	0	3,944	76	2	11	3,024	69,167	1,606
BU 2017 Restated	1,286	1,058	428	0	4,352	2	2	12	2,326	77,747	293
Change	555	84	101	-	-408	74	-	-1	698	-8,580	1,313
BU Rank 2018	74/125	90/137	91/151	-	54/156	26/92	78/95	89/107	69/106	63/156	112/140
BU Rank 2017 Restated	84/129	87/138	99/150	-	55/154	88/95	80/92	81/102	78/112	54/156	136/139
BU Quartile 2018	2nd	2nd	2nd	-	3rd	3rd	1st	1st	2nd	3rd	1st
BU Quartile 2017 Restated	2nd	2nd	2nd	-	3rd	1st	1st	1st	2nd	3rd	1st

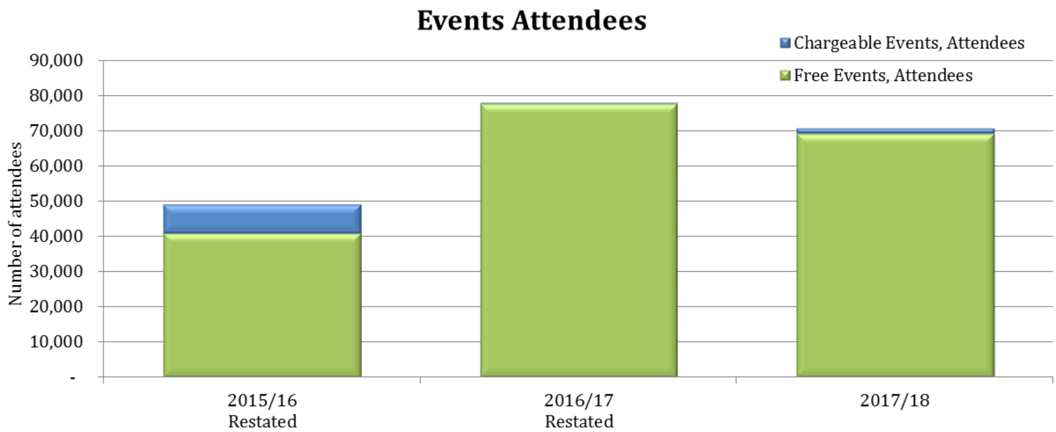
3. YEAR ON YEAR TREND

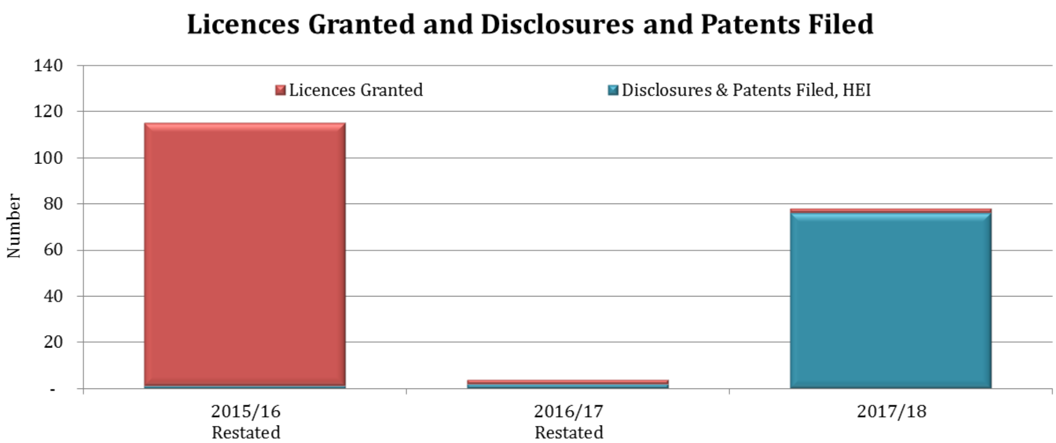
The chart below shows BU's performance in the HE-BCI survey's income measures since 2015/16.



Overall income has increased by £1.029M since 2016/17 (10.9%) which is largely attributed to increases in spin-off activity (up £0.698M [30%] to £3.024M, although this remains £3.493M less than the £6,517 in 2015/16) and collaborative research income (up £0.555M [43%] to £1.841M). Income from courses for business and community has seen the biggest decline this year, falling by £0.408M [-9%] to £3.944M; the only other area to see a decline being IP income which has fallen £1,000 to £11,000.

Although the number of attendees at chargeable events has increased by 1,313 to 1,606 in the last year due to increases at public lectures and performance arts events , free events attendees have fallen 8,580 (11%) to 69,167,mainly due to a 42% decrease at other events.





The number of disclosures has increased from only 2 in 2016/17 to 66 in 2017/18. Similarly, there were 10 new patent applications filed this year compared to none the previous year.

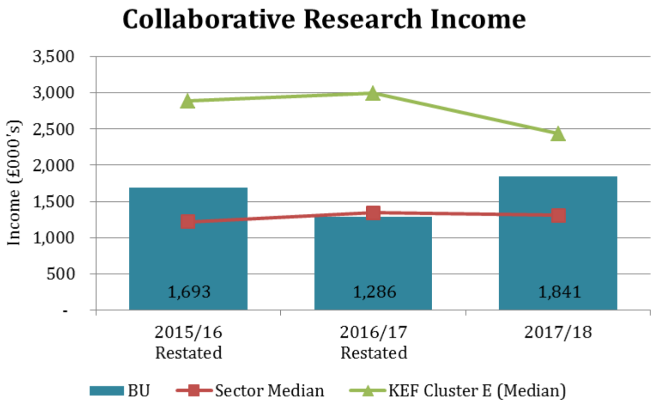
There were 2 non software licenses granted in 2017/18, equal to 2016/17. Although there were no non software licenses granted in 2015/16, 114 software only licenses were granted that year.

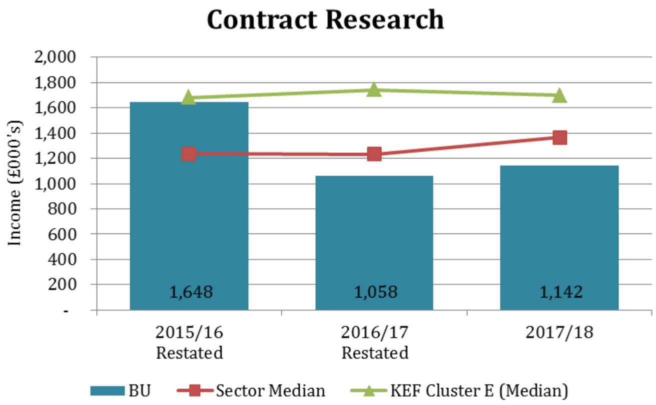
4. INCOME MEASURES

This section examines BU's trend within the income measures and compares this to the median scores of the sector and KEF cluster group E.

Income from collaborative research has increased by £0.555M to £1,841M at BU, climbing back above the sector median following a decline of £0.407M between 2015/16 and 2016/17. This rise is in contrast to cluster group E which has seen a fall of £0.557M to £2.438M. The increase at BU is largely attributed to increases in public funding for both BEIS research councils (up 147% to £0.819M) and Other UK government department (up 81% to £0.807M).

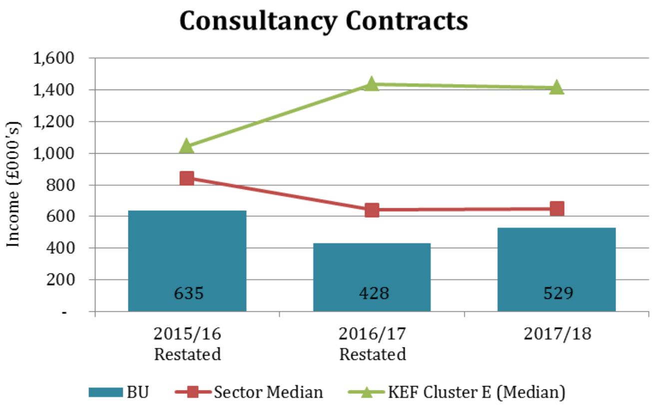
Following a fall of £0.590M between 2015/16 and 2016/17, which was largely attributed to a reduction of £0.777M [-55%] in income from contracts with non-commercial organisations, contract research income has seen a small growth of £0.084M [7.9%] with a 30% rise in contracts with non-commercial organisations to £0.826M negating a 52% decline from those with SMEs to £0.101M.

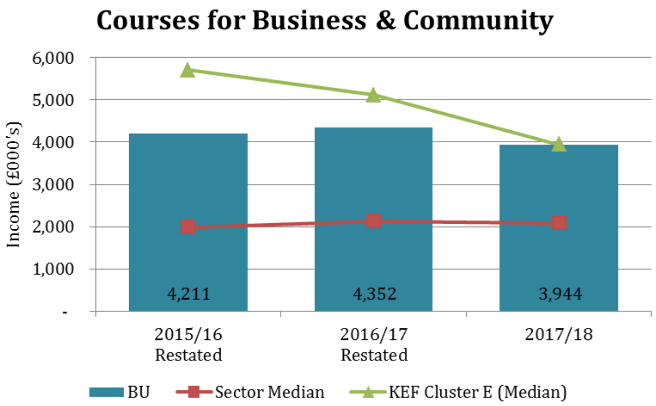




Although BU has seen a rise in consultancy contract income of £0.101M [23.6%] , this is still behind both the sector median, which has seen a growth of just £0.008M [0.9%], and the KEF cluster E median, which has fallen £0.022M [-1.5%] to £1.415M. The majority of the increase at BU comes from contracts with non-commercial organisations (up £0.097M [32%]), with a fall of £0.039M [-43%] in contracts with SMEs negating the rise in those with other (non-SME) commercial business of £0.043M [126%].

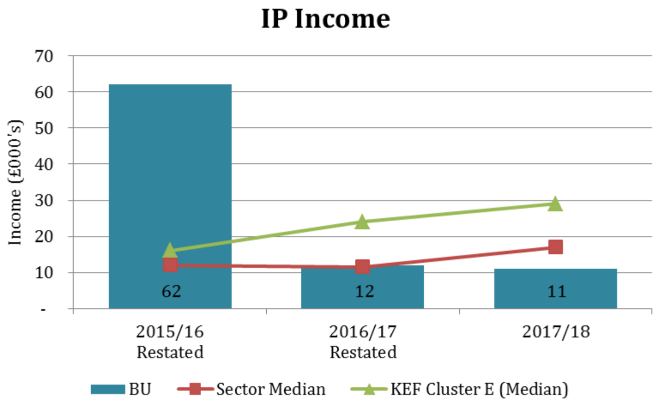
A fall in income from CPD for other (non-SME) commercial business of £0.393M since 2016/17 to just £0.016M has resulted in a decrease in income from courses for business and community this year by £0.408M (-9%) to £3.944M. This remains far greater than the sector median, which has seen a fall of 1.7% to £2.090M, and is now equal with the KEF cluster E median, which has seen a fall of £1.170M (-22.9%) to £3.944M in 2017/18. Within Cluster E, 17 of the 29 institutions have seen a decline this year, none more so than Bedfordshire whose income from courses for business and community has fallen £3.882M (-50%) to £3.938M.

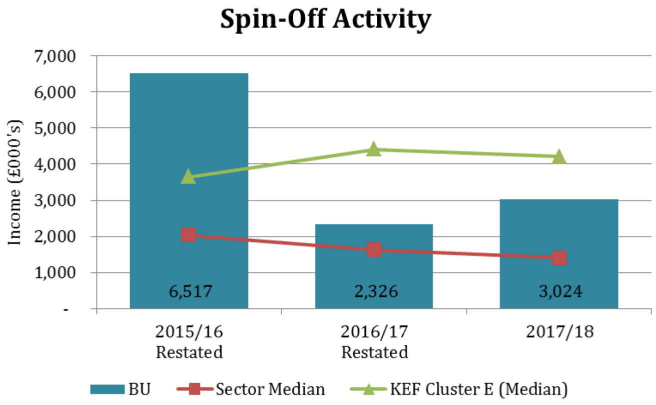




Following a large decline between 2015/16 and 2016/17, due to BU no longer receiving income from software licenses from non-commercial organisations (£51,000 in 2015/16), IP Income has fallen again this year, by £1,000, to £11,000, all of which coming from non-software licenses from SMEs, leaving BU below both the sector median (up £5,000 to £17,000) and cluster E (up £5,000 to £29,000).

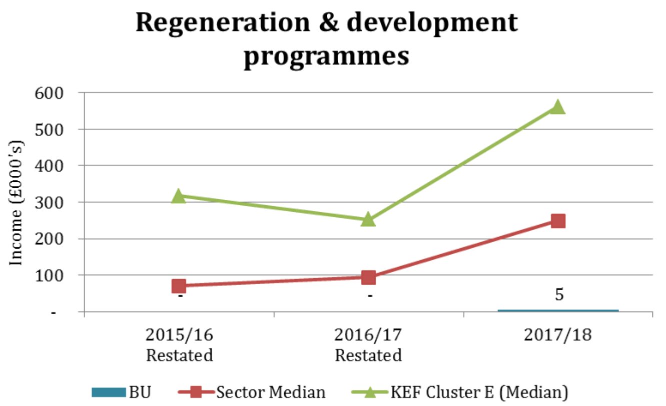
As with IP income, Spin-off activity income fell sharply between 2015/16 and 2016/17 with income from graduate start-ups decreasing from £4.191M to zero. This has since increased to £0.512M along with spin-offs with some HEP ownership, both of which have helped to improve overall spin-off activity income by £0.698M (30%) to £3.024M. BU received £1.625M more than the sector median of £1.399M, which has seen a decline of £0.227M (13.9%) since 2016/17, but remains below the cluster E median of £4.203M.

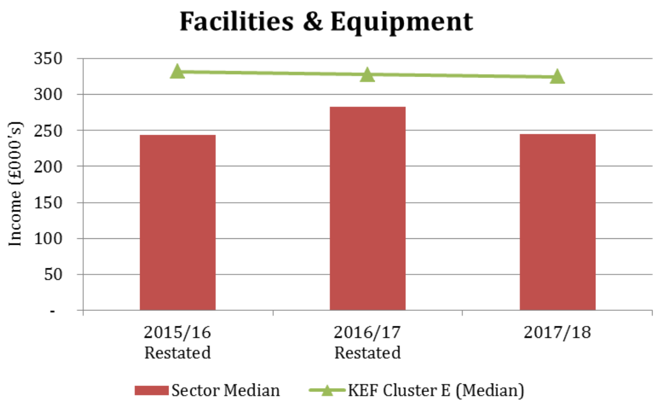




BU returned £5,000 against regeneration and development programmes this year, having returned zero for this measure in previous years. All £5,000 was returned against 'other regeneration grants and income from local and regional bodies'. Both the sector and cluster E medians have seen a significant rise since 2016/17, rising by 165% to £249,000 and 123% to £309,000 respectively.

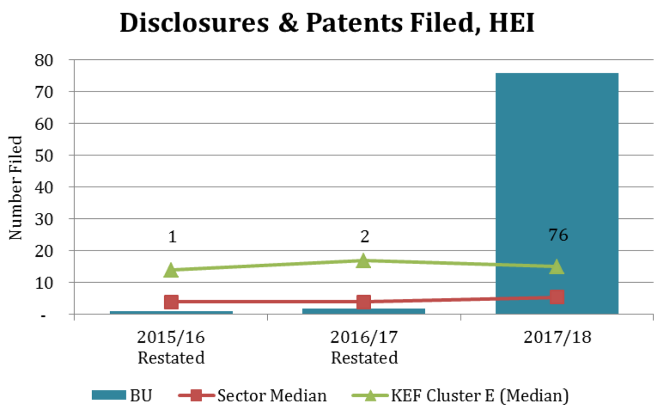
The chart for facilities & equipment income below shows the median average for both the sector and KEF cluster E. BU has not returned any income for this measure over the three year period.

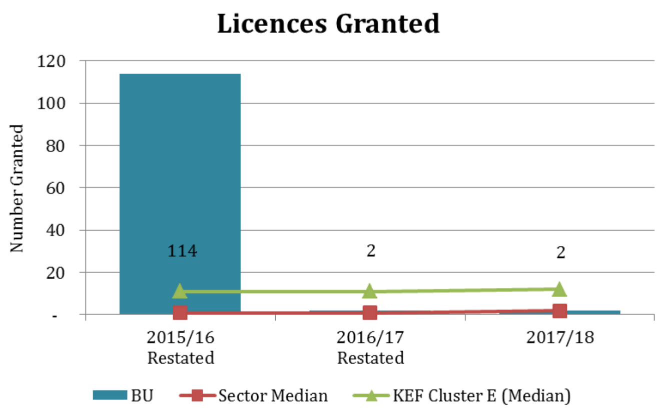




5. FURTHER DETAIL

License measures

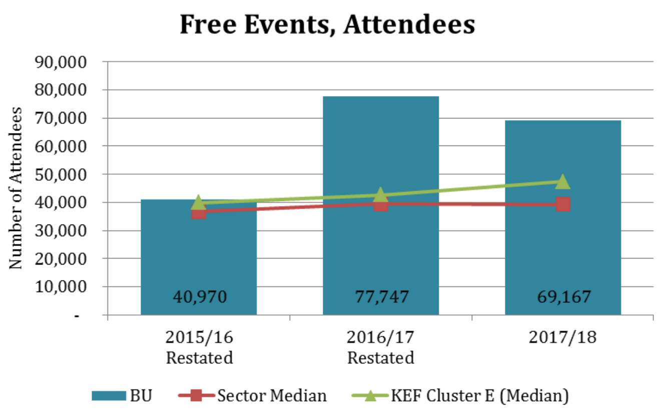


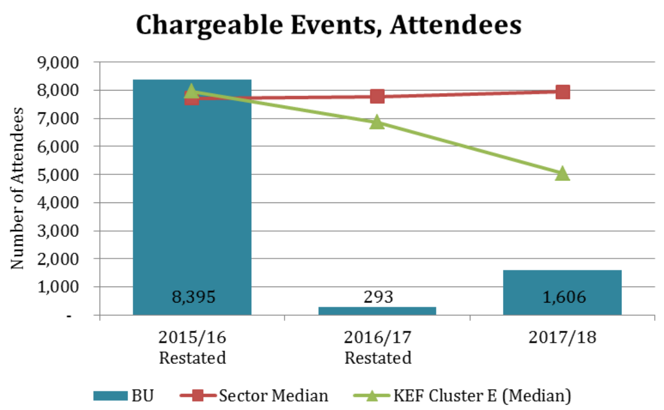


The number of disclosures increased from 2 in 2016/17 to 66 this year whilst there were also 10 new patent applications filed in the year compared to zero previously. This is now above both the sector median of 4 (3 disclosures and 1 new patent) and the KEF cluster E median of 15 (12 disclosures and 3 new patents).

The number of licenses granted has remained at 2 at BU, both of which being non-software. The sector median has improved from 1 to 2 this year whilst the KEF cluster E median has also increased by 1, from 11 to 12.

Events measures





The number of attendees to free events at BU has decreased this year by 8,580 (11%) to 69,167 with declines in attendees to other events (down 10,502 to 14,382) and exhibitions (galleries, museums etc.) (down 3,975 to 3,846) negating increases in attendees to public lectures (up 4,210 to 37,151), performance arts events (up 1,555 to 13,656) and museum education (up 132 to 132).
The sector median has remained relatively static (down 186 to 39,216) whilst the KEF cluster group E has increased by 4,609 to 47,300.

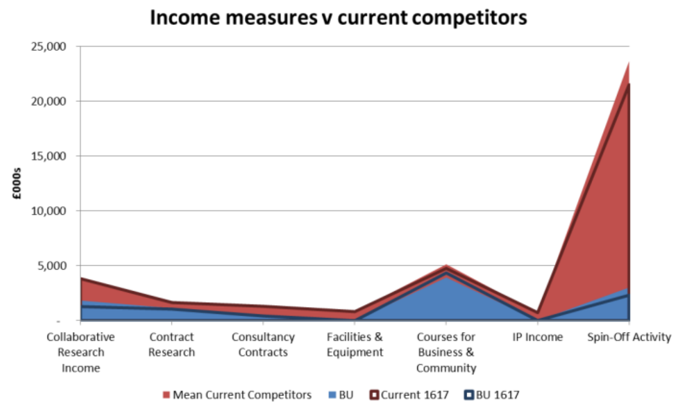
The number of attendees at chargeable events saw a significant fall between 2015/16 and 2016/17 due to decreases to both public lectures (down from 7,270 to 252) and performance arts events (down from 1,125 to zero). In 2017/18 BU received 891 attendees to public lectures and 650 attendees to performance arts events, increasing the total number of attendees at chargeable events to 1,606. Although the sector has seen a slight increase in the last year (up 2% to 7,944), the KEF cluster group E median has continued its steep decline, falling by 1,812 (26.4%) since 2016/17 to 5,050; 16 of the 29 institutions seeing a reduction in attendees.

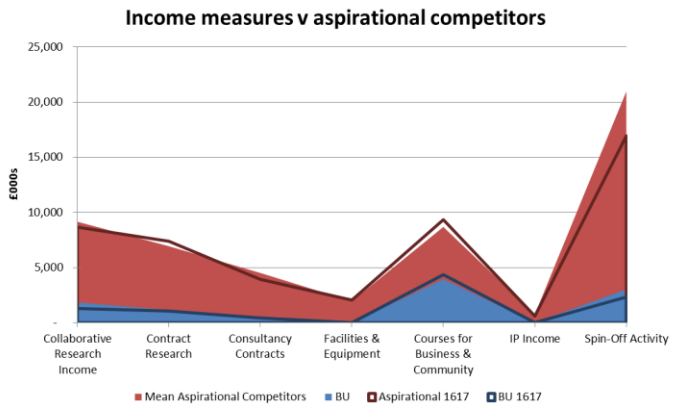
6. ASPIRATIONAL COMPETITORS

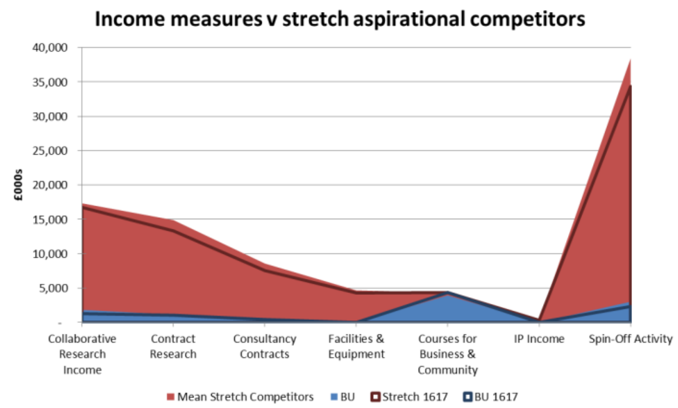
With only five institutions per competitor set, the mean average has been used in this section to provide more insightful analysis.

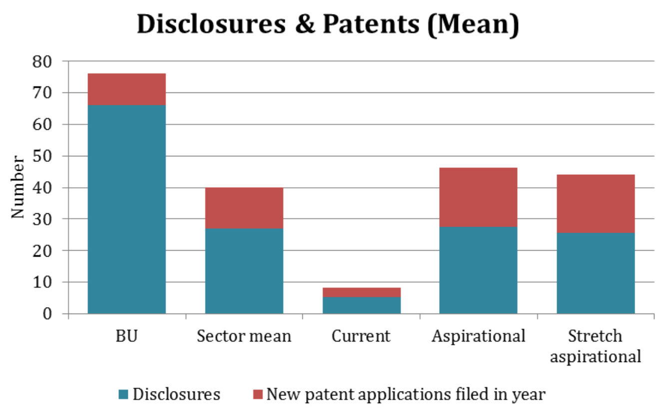
With the exception of spin-off activity, BU is showing similar trend to its current competitors within the income measures albeit with slightly reduced income in each area.

As in the previous year, this gap to the competitor mean increases when looking at both the aspirational and stretch aspirational competitor sets with BU showing less income than both sets for all seven measures.





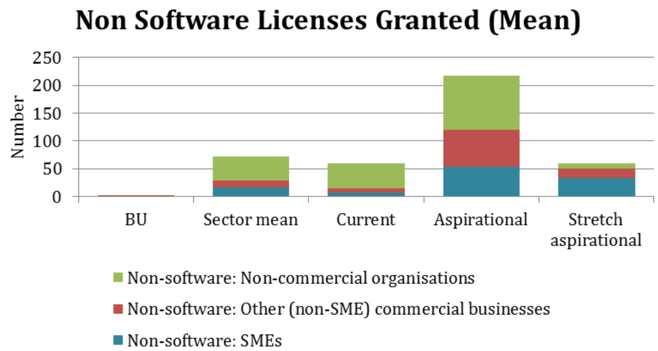


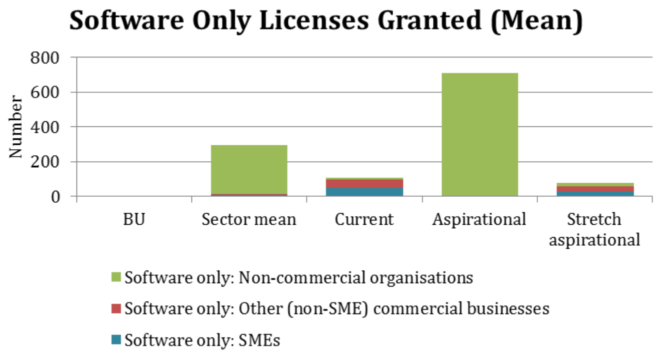


The increase of disclosures and patents filed at BU (up from 2 to 66 and 0 to 10 respectively) moves BU ahead of all 3 competitor group mean averages and the sector this year.

UWE had the highest number of disclosures and patents filed from the current competitors this year with 10. Both Cardiff, from the aspirational competitor set, and Southampton, from the stretch aspirational group, recorded more than 100 disclosures and patents this year with 135 and 104 respectively.

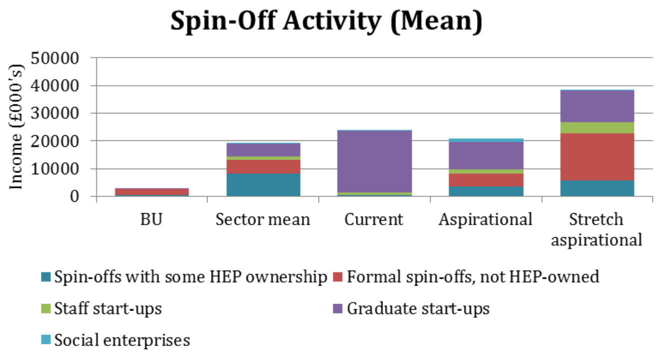
With only 2 non-software licenses and zero software only licenses granted at BU this year, BU remains behind all competitor set mean averages in both areas. Keele University had the most licenses granted this year with 3,082 (3,070 of which were software only licenses), followed by Cardiff with 1,341 (889 non-software and 452 software only), both belonging to the Aspirational competitor set and helping to increase the mean average to 925 from 193 in 2016/17.

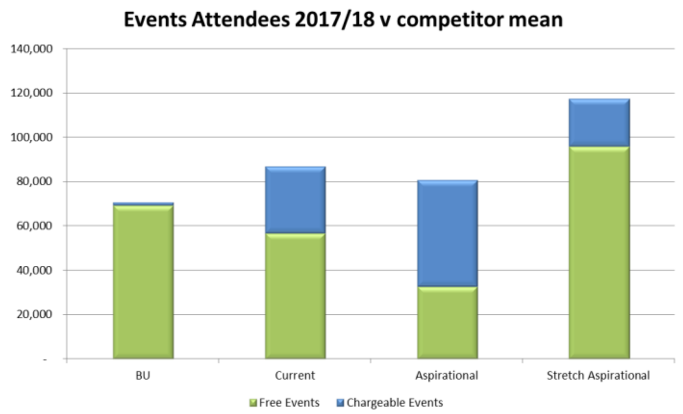




Income of £79.035M from formal spin-offs, not HEP owned together with more than £20M from both those with some HEP ownership and graduate start-ups at Southampton (Stretch) has aided the increase to the mean average of this competitor set by 12% to £38.443M.

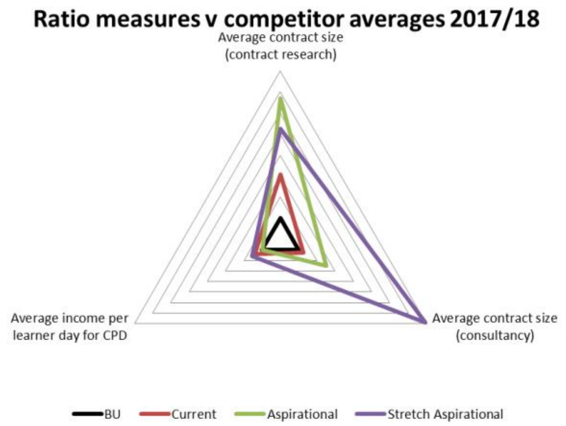
93.6% of the £23.666M total income from spin-off activity within the current competitor set came from graduate start-ups. Only Brunel failed to return any income in this area within this group.





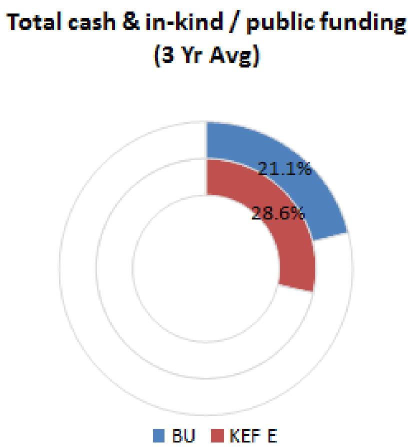
To avoid skewing the comparison, the 29.6M (99.9% other events) free events attendees at UWE (Current) and the 12.3M (99.6% other events) free events attendees at Sussex (Stretch aspirational) have been excluded from the events attendees chart.

The radar chart to the right shows BU's 2017/18 results in relation to the three aspirational competitor sets for the three ratio measures. With the exception of contract research, BU remains relatively similar in performance to the current competitor set. The gap between BU and the stretch aspirational set has grown in terms of consultancy contracts, with the competitor set average now nearly 8 times the size of those at BU; £41,535 per contract compared to £5,238 at BU, largely attributed to the £35M income from just 270 contracts at Southampton (£129,767 per contract).



7. KEF PROPOSED METRICS

Within the Knowledge Exchange Framework Consultation published by Research England in January 2019, several metrics were proposed to measure performance under a list of perspectives. The detail surrounding these proposals is currently relatively vague, and therefore leaves room for interpretation, however, the charts below aim to provide a preview of how BU may compare to KEF Cluster Group E in each of the seven perspectives.



Research Partnerships

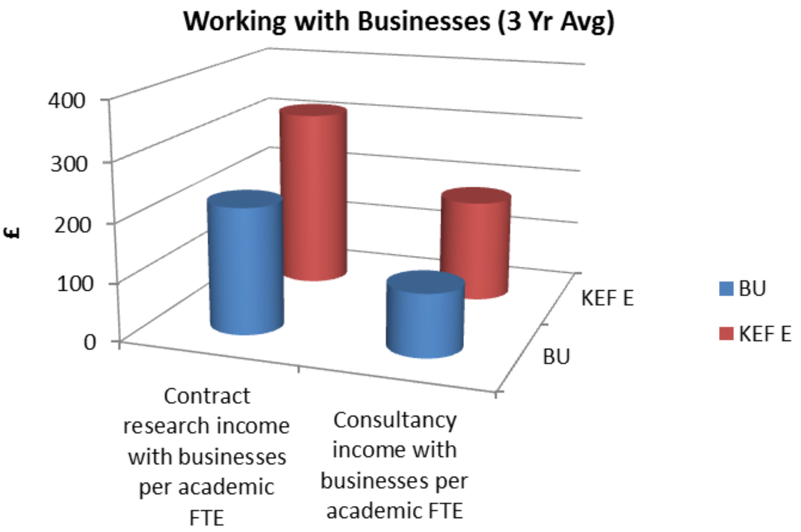
The contribution to collaborative research income from both cash and in-kind as a proportion of that from public funding has increased year on year within Cluster group E over the past 3 years, rising from 23.5% in 2015/16 to 35% in 2017/18, with an average of 28.6% over the 3 year period. This trend has largely been attributed to a decrease in income from public funding, falling £0.171M since 2015/16 to £1.748M in 2017/18. Although collaborative income from cash has increased since 2014/15, rising £43k to £145k, in-kind income has fallen £108k in the same period to £62k.

The proportion at BU has seen more fluctuation over this period, rising from 15.9% in 2015/16 to 34.7% in 2016/17, mainly caused by a decrease of £757k from public funding to £955k, before falling to 12.7% in 2017/18, averaging at 21.1% for the period as a whole.

Working with businesses

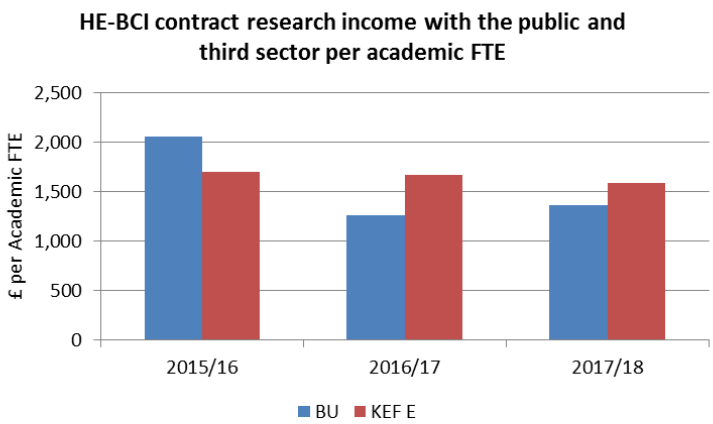
Contract research income with businesses has doubled at BU since 2015/16, reaching £215k in 2017/18 but remains below the median of the cluster group (£318k) with the resultant 3 year average £96 below that of the cluster group at £217 per academic FTE.

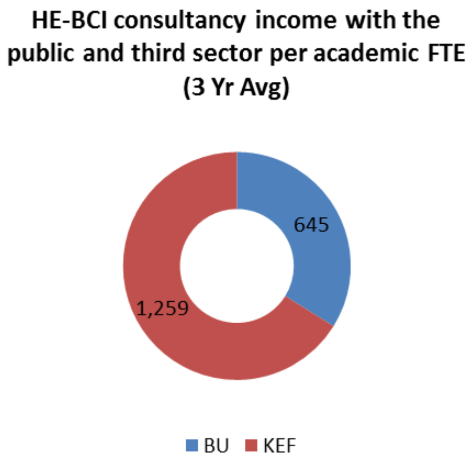
Consultancy income with businesses has fluctuated at BU in the last three years, falling from £154k in 15/16 to just £34k in 16/17 before seeing a slight recovery to £77k in 17/18. The cluster group median has been much more stable, seeing a year on year rise from £154k in 15/16 to £213k in 17/18, leaving BU behind the cluster group when looking at the 3 year average on £107 per academic FTE compared to £177 per FTE for the cluster group.



Working with the public and third sector

Although HE-BCI contract research income with the public and third sector at BU was only marginally below the KEF Cluster Group median in 2015/16 (£1.648M at BU compared to £1.680M for Group E), BU saw a sharp fall in 2016/17 to just £1.058M before recovering slightly in 2017/18 (up £84k to £1.142M), whilst the KEF cluster has remained relatively stable.
This decline between 15/16 and 16/17 has resulted in a 3 year average of £1,558 per Academic FTE at BU compared to a cluster group average of £1,655.

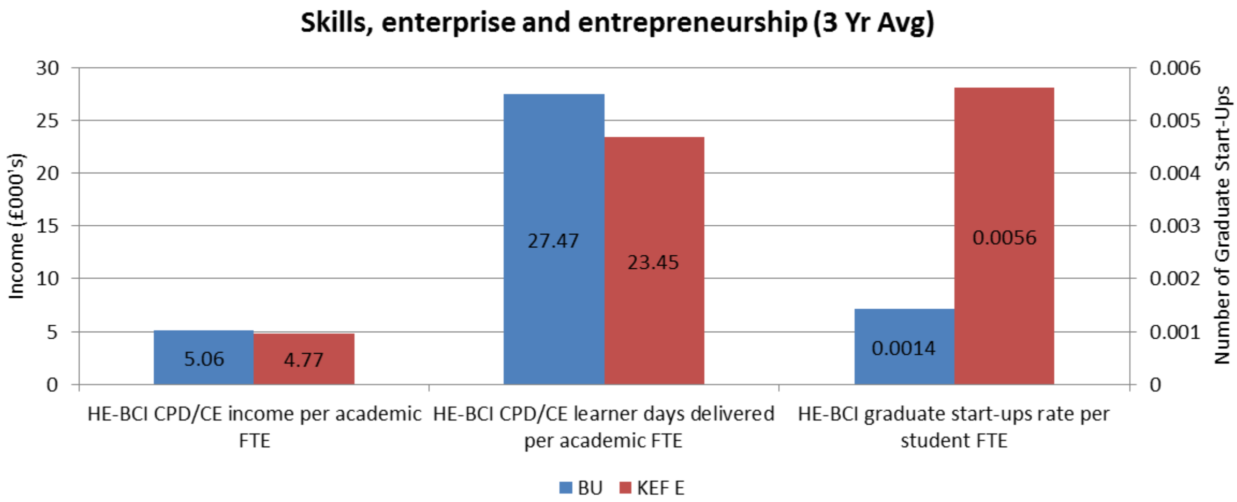




Similar to the contract research income, consultancy income with the public and third sector saw a significant decline in 2016/17 falling from £635k to £428k, whilst the cluster group saw the opposite trend, climbing £392k from £1.045m to £1.437m.
With Staff FTE seeing a slight increase at both BU and the sector group average over the 3 year period, the drop in income at BU results in an average of £645 per FTE for this measure compared to £1,259 for the cluster group.

Skills, enterprise and entrepreneurship

BU has received £295 per academic FTE more income from HE-BCI CPD/CE than the cluster group median over the past three years largely due to a fall of £1.758M in CPD/CE income for the cluster group in this period from £5.702m in 15/16 to £3.944m in 17/18, now level with that of BU.

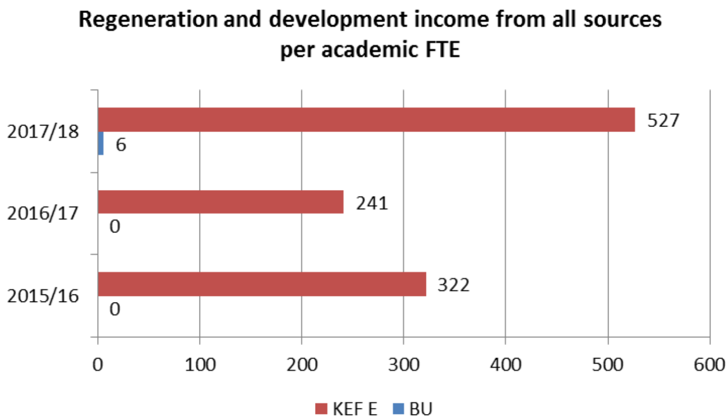


Although BU delivered slightly fewer CPD/CE learner days than the cluster group during this period, the lower academic FTE (823 at BU compared to the cluster group median of 1,032) has resulted in BU delivering a higher number of learner days per FTE.

With only 3 graduate start-ups in 2017/18 at BU compared to 128 for the cluster group median, BU's start-up rate is significantly lower than the cluster group with 0.0014 graduate start-ups per student FTE compared to 0.0056 per FTE for the cluster.

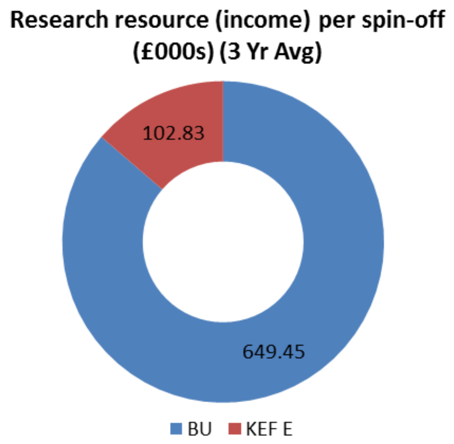
Local growth and regeneration

BU received £5,000 income from regeneration and development income from all sources in 2018/19 having not recorded any income from this area in the previous two years, resulting in an average income of £2 per academic FTE in the three year period, significantly lower than the £365 per FTE for the cluster group which has seen a growth in income from this area in the last three years, rising from £317k in 2014/15 to £561k in 2017/18.

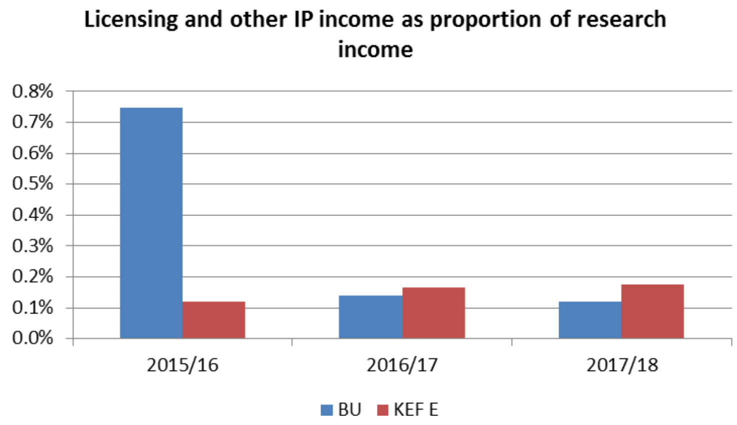


IP and commercialisation

BU received substantially higher turnover from all active spin-offs than the cluster group (an average of £2.381m over the three years as opposed to £0.206m) from twice as many active firms (4 at BU compared to 2).

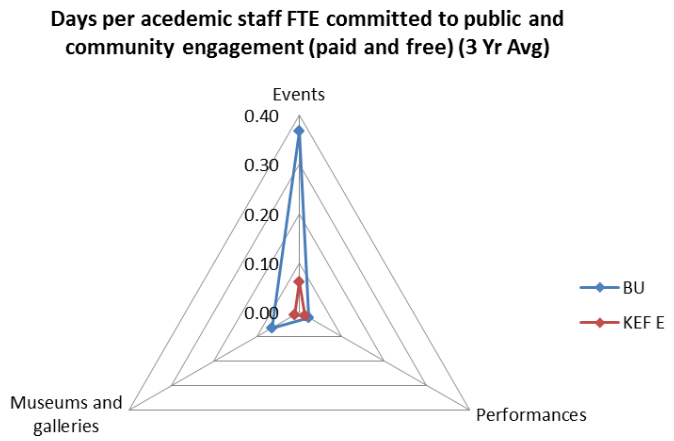


Although income from licensing and other IP income was less than half that at BU compared to the cluster group median in 17/18 (£11k compared to £29k), the £62k received at BU in 15/16 has helped to increase the average for the three year period above that of the cluster group. This, together with the lower total research income at BU (£8.685m average over the three years as opposed to £14.767m in the cluster group) has resulted in licensing and other IP income making up a higher proportion of total research at BU (0.33%), twice that of the cluster median (0.16%).



Public and community engagement

The 303 average hours committed by BU to public and community engagement events is significantly higher than the 64 from the cluster group median, resulting in an average of 0.37days committed at BU per academic staff FTE compared to 0.06 days from the cluster group.



There is a similar trend when looking at museums and galleries, with BU committing an average of 53 days (0.06 per academic FTE) compared to just 12 days (0.01 per academic FTE) in cluster group E.

BU is much closer to the cluster group median when looking at Performances however, with BU committing an average of 18 days to public and community engagement performances (both paid and free) compared to 14 days in the cluster group (0.02 days per academic FTE at BU compared to 0.01 in the cluster group).

APPENDIX 1: BU TOTALS AGAINST COMPARATOR GROUPS

	Collaborative Research Income (£000's)	Contract Research (£000's)	Consultancy Contracts (£000's)	Facilities & Equipment (£000's)	Courses for Businesses & Community (£000's)	Disclosures & Patents Filed, HEI (By Number)	Licenses Granted (By Number)	IP Income (£000's)	Spin-Off Activity (£000's)	Free Events, Attendees (By Number)	Chargeable Events, Attendees (By Number)	Average contract size (contract research)	Average contract size (consultancy)	Average income per learner day for CPD
Current Competitors														
Bournemouth	1,841	1,142	529	0	3,944	76	2	11	3,024	69,167	1,606	6.5	5.2	0.17
Brunel	7,158	2,759	417	1,507	1,502	7	2	10	0	15,950	5,864	29.0	2.5	0.19
Northumbria	4,452	1,163	622	7	8,130	9	1	58	82,424	96,200	18,750	11.6	3.0	0.32
Oxford Brookes	1,350	784	3,139	157	1,675	7	497	3,310	5,506	40,398	0	29.0	19.1	0.25
Portsmouth	2,145	2,343	1,711	2,430	9,277	8	7	67	15,600	74,274	9,356	18.0	7.8	0.23
UWE	4,398	1,317	726	28	5,129	10	318	26	14,801	29,556,975	117,126	13.3	0.7	0.21
BU Rank	5	5	5	6	4	1	4	5	5	4	5	6	3	6
BU 2016/17 Rank	5	5	6	6	4	6	4	6	5	2	5	6	3	4
Aspirational Competitors														
Bournemouth	1,841	1,142	529	0	3,944	76	2	11	3,024	69,167	1,606	6.5	5.2	0.17
Cardiff	23,614	8,105	5,500	614	22,120	135	1,341	2,384	47,895	41,029	206,419	27.6	7.4	0.34
City University	1,521	1,422	3,023	16	5,597	27	22	397	21,912	14,542	1,010	44.4	7.4	0.21
Essex	3,772	14,304	225	4,016	1,799	18	4	3	2,439	45,162	11,905	108.4	6.4	0.00
Keele	6,167	790	2,342	3,517	1,915	0	3,082	147	441	11,993	13,837	11.3	13.8	0.07
Leicester	10,671	10,036	11,441	1,550	11,961	51	175	888	32,157	50,057	7,153	26.8	30.3	0.21
BU Rank	5	5	5	6	4	2	6	5	4	1	5	6	6	4
BU 2016/17 Rank	6	6	5	6	4	5	6	5	4	2	6	6	4	4
Stretch Aspirational Competitors														
Bournemouth	1,841	1,142	529	0	3,944	76	2	11	3,024	69,167	1,606	6.5	5.2	0.17
Aston	8,034	3,587	1,935	645	1,186	30	14	104	3,725	171,431	0	26.4	8.3	0.33
Exeter	31,025	19,217	1,708	661	2,121	58	36	626	28,976	76,099	7,264	23.7	5.3	0.00
Reading	8,810	8,706	611	6,469	9,917	8	31	48	2,550	43,369	5,934	41.3	19.7	0.40
Southampton	37,651	30,877	35,037	11,975	7,584	104	578	929	140,701	92,863	73,265	31.5	129.8	0.00
Sussex	1,159	12,099	3,567	3,596	666	21	29	60	16,261	12,321,435	21,328	49.0	44.6	0.60
BU Rank	5	6	6	6	3	2	6	6	5	5	5	6	6	4
BU 2016/17 Rank	5	6	6	6	3	6	6	6	5	3	5	6	6	4

KEF Cluster Group E	Collaborative Research Income (£000's)	Contract Research (£000's)	Consultancy Contracts (£000's)	Facilities & Equipment (£000's)	Courses for Businesses & Community (£000's)	Disclosures & Patents Filed, HEI (By Number)	Licenses Granted (By Number)	IP Income (£000's)	Spin-Off Activity (£000's)	Free Events, Attendees (By Number)	Chargeable Events, Attendees (By Number)	Average contract size (contract research)	Average contract size (consultancy)	Average income per learner day for CPD
Bournemouth	1,841	1,142	529	0	3,944	76	2	11	3,024	69,167	1,606	6.5	5.2	0.17
Anglia Ruskin	502	1,171	1,459	395	11,447	26	0	0	0	22,431	16,626	18.9	9.6	0.06
Aston	8,034	3,587	1,935	645	1,186	30	14	104	3,725	171,431	0	26.4	8.3	0.33
Bedfordshire	2,368	1,356	603	452	3,938	13	0	0	12,452	5,397	1,544	32.3	15.9	0.32
Bradford	2,438	1,698	710	72	1,989	23	25	29	3,636	6,433	8,580	16.2	2.6	0.21
Brighton	2,732	1,782	1,826	3,757	3,212	2	0	4	605	47,300	32,510	32.4	21.5	0.04
Central Lancs	6,821	1,447	15,848	3,132	8,527	33	14	110	39,093	128,328,572	27,161	4.8	386.5	0.13
City University	1,521	1,422	3,023	16	5,597	27	22	397	21,912	14,542	1,010	44.4	7.4	0.21
Coventry	34,772	2,074	3,889	2,115	10,809	256	35	24	57,963	16,802,969	28,435	21.8	0.5	0.05
De Montfort	679	2,783	330	325	2,465	5	11	15	770	73,869	2,772	21.6	3.1	0.12
Goldsmiths	2,884	423	654	1,182	2,581	0	2	750	217	14,750	5,050	16.3	7.0	0.19
Greenwich	129	8,718	4,175	131	2,343	14	64	281	0	0	0	83.0	36.9	0.00
Hertfordshire	659	6,514	2,685	2,229	4,030	16	22	80	2,234	23,661	32,275	76.6	10.4	0.34
Huddersfield	1,961	1,592	1,537	343	822	27	8	16	0	377,463	1,143	30.0	2.6	0.21
John Moores	2,757	2,038	495	53	2,371	50	0	0	34,183	31,136	4,500	16.7	10.5	0.00
Kingston	4,733	598	43	2	3,089	1	1	0	25,598	24,482	4,119	16.6	4.3	0.17
Lincoln	5,151	5,482	283	967	8,341	15	3	0	2,277	116,985	88,119	19.6	4.2	0.19
Manchester Met	4,528	2,510	806	173	8,340	6	1	21	4,203	46,173	4,297	24.1	6.6	0.21
Middlesex	2,682	2,192	58	195	9,114	7	0	0	13,501	101,463	0	21.1	5.3	0.12
N'ham Trent	1,437	3,784	790	3,658	5,275	30	13	78	20,361	27,486	5,567	29.6	9.3	0.16
Northumbria	4,452	1,163	622	7	8,130	9	1	58	82,424	96,200	18,750	11.6	3.0	0.32
Open	88	1,868	1,415	400	14,241	7	31	3,424	0	780,739,265	1,780,669	46.7	15.1	0.39
Oxford Brookes	1,350	784	3,139	157	1,675	7	497	3,310	5,506	40,398	0	29.0	19.1	0.25
Plymouth	1,408	1,409	2,446	2,261	430	46	12	173	21,169	8,138	5,242	47.0	7.3	0.04
Portsmouth	2,145	2,343	1,711	2,430	9,277	8	7	67	15,600	74,274	9,356	18.0	7.8	0.23
Salford	5,073	1,430	3,228	76	6,012	20	21	86	6,966	118,596	7,939	14.3	2.2	0.19
Sheffield Hallam	4,952	3,332	2,505	254	3,570	23	24	29	0	2,490	2,965	19.1	9.1	0.00
UWE	4,398	1,317	726	28	5,129	10	318	26	14,801	29,556,975	117,126	13.3	0.7	0.21
Westminster	1,401	666	350	305	2,958	11	790	15	0	106,373	70	19.6	9.0	0.14
BU Rank	19	25	23	29	15	2	20	22	18	14	21	28	20	17
BU 2016/17 Rank	24	24	26	29	19	26	19	17	18	9	26	29	20	14