# Sustainability Report 2022-23

1. Executive Summary

2022-23 has been a year of significant behind-the-scenes progress for the Sustainability programme at the University of East London. This year, we have:

- Committed to net-zero emissions across the University by 2030, and publicly challenged ourselves to become the most sustainable university in London
- Developed a draft Sustainability Policy, action plans, and a host of supporting policies to be implemented in the coming year
- Launched the Royal Docks Centre for Sustainability, a new innovation hub for sustainable innovation in industry
- Begun, in partnership with Siemens, the decarbonisation of our University estate, including upgrades to our lighting, building management systems, and solar PV
- Launched the Living Lab project as part of our work with Siemens, opening the data from one of our buildings for our students, industry partners, and wider community to see and explore
- Expanded our Sustainability team with two new FTE roles, as well as a new interim manager

The total Scope 1 & 2 carbon emissions for the University was 4,504 tonnes CO2e for the 2022-23 year. This represents a small, though likely negligible, decrease from the previous year. However, the University expects significant decreases to these emissions for the coming year due to the ongoing upgrades being carried out by Siemens and to the expected development of a detailed Estate Decarbonisation Plan.

For the first time, this report estimates the University's scope 3 emissions. The calculations for these emissions are provided in this report. Our scope 3 emissions for 2022-23 are estimated at 63,489 tonnes CO2e. The majority of this footprint is comprised of our procurement activities, which are estimated at 56,486 tonnes CO2e. A detailed reduction plan for Scope 3 emissions will be developed in the coming months, allowing us to plan our trajectory to net-zero.

The theme of our 2022-23 year for sustainability has very much been "Foundations" – we have worked to lay a solid base for the future programme to build upon. As we move into 2023-24, our theme will now shift to "Urgency" – we will continue to implement the action plans and strategies we have developed in a rapid manner, with the ambition to make vast strides in a short period of time.

|  | Tonnes CO2e |
|---|---|
| Scope 1 (direct emissions) | 2,151.25 |
| Scope 2 (indirect energy-purchase emissions) | 2,352.69 |
| Scope 3 (indirect business-activity emissions) | 63,488.56 |
| Total | 67,992.50 |

*Figure 1: Carbon emissions for 2022-23 by scope.*

2. Scope 1 & 2 Emissions

**2a. 2022-23 Energy Usage**

Our energy usage and emissions are shown in Figure 2.

| Scope | Activity Type | | Conversion factor (tonnes CO2e) | Total |
|---|---|---|---|---|
| Scope 1 | Gas | kWh consumed | | 11,721,509 |
| | | Tonnes CO2e | 0.00018293 | 2,144.20 |
| | Biomass (wood pellets) | kWh consumed | | 15,447 |
| | | Tonnes CO2e | 0.00001074 | 0.17 |
| | Fleet (petrol) | Litres consumed | | 42.16 |
| | | Tonnes CO2e | 0.00209747 | 0.09 |
| | Fleet (diesel) | Litres consumed | | 2,702.30 |
| | | Tonnes CO2e | 0.00251206 | 6.79 |
| Scope 2 | Electricity | kWh consumed | | 11,361,565.30 |
| | | Tonnes CO2e (Market-based) | 0 | 0 |
| | | Tonnes CO2e (Location-based) | 0.00019338 | 2,193.36 |

*Figure 2: Energy usage overview for the 2022-23 year.*

This provides a total Scope 1 & 2 footprint for the University of 4,461.25 tonnes CO2e for the 2022-23 year.

Figures 3 & 4 provide a breakdown of the electricity & gas usage per meter, respectively. It is important to note that not all buildings have their own sub-meters at present; improved sub-metering is planned for the Sustainability Programme in the 2023-24 year. Where buildings are not mentioned, their electricity or gas usage will instead be included in another building's meter. The University's plans to decarbonise our buildings includes a commitment to eliminate fossil fuel usage for heating, as is the industry standard for estate decarbonisation, and succeed it with sustainable heating solutions. This will, in future, lead to increased electricity usage, but will eliminate the use of gas and lead to a net decrease in carbon emissions.

It is important to note that the University purchases electricity backed by Renewable Energy Guarantee of Origin (REGO) certificates. This ensures that the electricity is generated by renewable sources by our energy supplier, hence why the market-based emissions for electricity usage are declared as zero. For the purposes of transparency and accountability, we choose to report the location-based emissions of our electricity purchase instead.

With our scope 1 & 2 emissions calculated, we can also calculate an intensity ratio for the University. This allows us to compare emissions data in relation to an appropriate business metric, in our case the usable floor area of our estate. This is taken as 116,790 $m^2$. With this, we give our intensity ratio for scope 1 & 2 emissions as 0.039 tonnes CO2e/$m^2$.

| Campus | Meter | Electricity usage kWh | Emissions (tonnes CO2e) |
|---|---|---|---|
| Stratford | Arthur Edwards | 366,936.2 | 75.98 |
| | Arthur Edwards – Server | 333,020.4 | 68.96 |
| | Conference & Computer Centre (CCC) | 272,970.0 | 56.53 |
| | Stratford Library | 525,549.0 | 108.83 |
| | University House – Main | 571,827.4 | 118.41 |
| | University House – OLD NHH (now AMR) | 9739.4 | 2.02 |
| | John Cass School of Education | 255,704.8 | 52.95 |
| | R Building | - | - |
| | Centre for Clinical Education | 135,961.6 | 28.15 |
| University Square Stratford | USS | 1,601,381.2 | 331.60 |
| Docklands (non-residential) | East Building | 2,030,388.1 | 420.44 |
| | West Building | 1,347,557.2 | 279.04 |
| | Docklands Library | 1,416,573.3 | 293.34 |
| | Sports Dock | 947,766.9 | 196.26 |
| Docklands (residential) | East Residences 1 | 824,904.4 | 170.82 |
| | East Residences 2 | 721,285.4 | 149.36 |
| Total | | 11,361,565.3 | 2,352.69 |

*Figure 3: Electricity usage data per meter for the 2022-23 year.*

| Campus | Meter | Gas usage kWh | Emissions (tonnes CO2e) |
|---|---|---|---|
| Stratford | Arthur Edwards | 619,413 | 113.31 |
| | Arthur Edwards – Kitchen | 20,931 | 3.83 |
| | Conference & Computer Centre (CCC) | 336,181 | 61.50 |
| | Stratford Library | 439,039 | 80.31 |
| | University House | 1,917,054 | 350.68 |
| | John Cass School of Education | 351,636 | 64.32 |
| | R Building | - | - |
| | Centre for Clinical Education | 301,213 | 55.10 |
| University Square Stratford | USS | 597,135 | 109.23 |
| Docklands (non-residential) | East Building | 1,141,405 | 208.80 |
| | East Building – The Edge | 168,891 | 30.89 |
| | West Building | 1,076,403 | 196.91 |
| | West Building – Streetfood | - | - |
| | Docklands Library | 943,168 | 172.53 |
| | Sports Dock | 799,722 | 146.29 |
| | AVA | 818,512 | 149.73 |
| | Nursery | 34,203 | 6.26 |
| | North Building | 146,918 | 26.88 |
| Docklands (residential) | Ailsa House | 37,319 | 6.83 |
| | Clare House | 79,873 | 14.61 |
| | Clare House – Laundry | 13,686 | 2.50 |
| | Felix House | 161,249 | 29.50 |
| | Jamilah House | 125,603 | 22.98 |
| | Kwame House | 142,683 | 26.10 |
| | East Residences | 1,449,274 | 265.11 |
| Total | | 11,721,509 | 2,144 |

*Figure 4: Gas usage data per meter for the 2022-23 year.*

**2b. Comparison with previous years**

Figure 5 shows the context of the 2022-23 emissions against the University's previous years.

| Year | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 |
|---|---|---|---|---|---|
| Total emissions (tonnes CO2e) | 4,493 | 3,908 | 5,046 | 4,584 | 4,504 |

*Figure 5: Comparison of historical Scope 1 & 2 emissions with the 2022-23 year.*

The 2022-23 year shows a small, though likely negligible, decrease in emissions from the previous year. However, in the wider context, no significant decarbonisation of the University's estate is yet to be visible. It is anticipated that this will soon change.

**2c. Expected future reductions**

The University has a commitment to achieve net-zero emissions by 2030. As part of this commitment, our partnership with Siemens includes significant reductions in electricity demand from current buildings. This is to be achieved through upgrades to the lighting and building management systems across the University estate. This programme of works is currently underway, and is expected to yield a reduction in electricity usage of 1,486,050 kWh/year, with a corresponding reduction in emissions of 287.37 tonnes CO2e.

In addition, the University has begun the process of developing a detailed Estate Decarbonisation Plan. This will take a "heat-first" approach, looking to decarbonise the heating systems across our Estate to eliminate the usage of gas-powered heating. As mentioned in Section 2a, this will lead to increased electricity usage, but lower overall carbon emissions due to the elimination of gas and improvements to building fabric to reduce the need for heating.

**2d. Renewable Energy Generation**

The University currently generates a small amount of energy from renewable sources. A breakdown of this generation is provided in Figure 6.

| Source | Energy generated 2022-23 (kWh) |
|---|---|
| Biomass boiler, SportsDock | 15,447 |
| Solar PV, SportsDock | 8,005 |
| Solar PV, Stratford Library | 51,155 |
| Solar PV, Docklands Library | 9,779 |

*Figure 6: Renewable energy generation in 2022-23.*

This provides a total generation of 84,386 kWh in 2022-23.

The University's partnership with Siemens includes the installation of solar PV across the estate. This is expected to lead to significant increases in generation as future PV comes online, and a corresponding decrease in purchased electricity.

## 3. Scope 3 Emissions

Figure 7 provides an overview of scope 3 emissions for the 2022-23 year. This is the first measure of scope 3 emissions taken for the University, and will be followed by a detailed reduction plan in 2023-24. Additional metrics planned to be evaluated in 2023-24 are also listed.

| Category | Emissions source | kg CO2e | Methodology (Emissions factors provided per kgCO2e) |
|---|---|---:|---|
| Procurement & Supply Chain | Business services | 16,092,530 | Spend-based analysis using HESCET toolkit<br><br>Data provided as appendix to this report |
| | Paper products | 141,250 | |
| | Other manufactured products | 14,023,790 | |
| | Manufactured fuels, chemicals, and gases | 5,240 | |
| | Food & catering | 2,425,420 | |
| | Construction | 179,910 | |
| | ICT | 13,296,700 | |
| | Medical and precision instruments | 1,368,670 | |
| | Other procurement | 1,862,110 | |
| | Unclassified | 7,120,040 | |
| Energy-associated emissions | Electricity T&D | 203,253 | 0.01792/kWh UK Govt |
| | Electricity WTT | 520,608 | 0.0459/kWh UK Govt |
| | Electricity WTT T&D | 45,029 | 0.00397/kWh UK Govt |
| | Natural gas WTT | 415,803 | 0.03347/kWh UK Govt |
| | Biomass WTT | 578 | 0.03744/kWh UK Govt |
| Water | Water supply | 13,430 | 0.177/m3 UK Govt |
| | Water treatment | 15,251 | 0.201/m3 UK Govt |
| Waste | Operational waste | 10,667 | 21.281/tonne (combustion) UK Govt |
| | Construction waste | **Baseline to be taken in 2023-24 following changes to policy** | |
| Travel | Business travel | **Baseline to be taken in 2023-24 following staff & student surveys** | |
| | Staff commuting | | |
| | Student commuting | | |
| | International student travel to/from home | 5,748,279 | ICAO carbon footprint calculator Assume 1 return flight for international students from capital of home country |

| Home working | Baseline to be taken in 2023-24 following staff survey | |
|---|---|---|
| Total (tonnes CO2e) | 63,488.56 | |

*Figure 7: Scope 3 emissions in 2022-23.*

4. Our Actions

**4a. Governance & Strategy**

2022-23 has seen the drafting of our new Sustainability Policy & Action Plan, which details our strategic commitments to tackle sustainability and our net-zero ambitions. While this policy is still in development, we anticipate the formal launch within the coming months, alongside a host of supporting policies.

We have set out a new approach to tackling sustainability at the University, based around four key pillars:

- Place – how we decarbonise our estate and make sure our campuses are fit for purpose of a sustainable, modern University
- People – how we engage and support our staff, students, and wider community to deliver sustainable transformation in their work and lives
- Policy – how we govern and report our own sustainable transformation, and ensure we hold ourselves accountable
- Practice – how we deliver our goals and ambitions through our teaching, research, and industry connections to maximise our positive impact on the world

Connecting these pillars, we will soon be launching our new Sustainability Steering Group, which brings together key stakeholders across the University community to ensure we are delivering and exceeding our ambitious plans. The Steering Group and its members are responsible for overseeing the delivery of our Action Plan.

To further support the delivery of these goals, we are also working to develop a host of sustainability-focused policies and frameworks across the entire University community. These include (but are not limited to):

- Procurement
- Construction & Refurbishment
- Biodiversity & Green Spaces
- Waste Management
- ICT & Digital Services
- Travel
- Food & Catering
- Investment
- Careers
- Engagement
- Carbon Sequestration
- Research
- Teaching
- Climate Change Adaptation
- Energy Management

We will continue to develop further policies and frameworks to ensure sustainability is considered in everything that we do across the University community.

**4b. Royal Docks Centre for Sustainability**

In 2023, the University formally launched the new Royal Docks Centre for Sustainability. The RDCS is a new green powerhouse, intended to catalyse sustainable innovation within local and global communities. Utilising a retrofitted building on our Docklands campus, the RDCS will act as a hub for sustainability within the communities and industries of the Royal Docks and East London, and a springboard to further develop our positive impact across the world. The RDCS building itself will also act as a 'Living Lab', being developed by our Net Zero Carbon partner Siemens, which will allow students and community partners to use the facility as an experimental test-ground for sustainable innovations. We are excited to formally open our new RDCS building later in 2023.

**4c. Siemens Net Zero Carbon**

Our partnership with Siemens has continued to develop in 2022-23, as we begin in earnest the implementation of our shared vision. Alongside the aforementioned 'Living Lab', Siemens have also begun the delivery of LED lighting and building management upgrades across the University estate, intended to reduce estate-wide electrical usage by 10%. Preliminary evaluation of these upgrades have shown results consistent with these targets, with additional verification expected in the coming year. Work is also underway to explore renewable energy generation, with the installation of solar PV on the RDCS building expected later in 2023.

5. The Year Ahead

2023-24 looks to be a year of significant progress for the sustainability programme at the University. With the upcoming launch of our new Sustainability Policy & Action Plan, alongside its aforementioned supporting structures and policies, the University will for the first time have a detailed roadmap towards our net-zero ambition of 2030. This will be further supported by the ongoing development of our Estate Decarbonisation Plan, designed to weave together the existing and planned projects of the University's PED team and net-zero carbon partner Siemens with industry best practices and sustainable innovation to create a pathway to a truly sustainable estate; and with the development of our Scope 3 Reduction Plan, designed to identify opportunities to drastically reduce our Scope 3 emissions as we continue towards 2030.

2023-24 will see the Royal Docks Centre for Sustainability enter full-swing, with an anticipated launch in December 2023 intended to connect our innovative minds with the wider community. The Sustainability Research Institute too will continue to increase its positive impact, with plans being developed to integrate sustainability into research activities across the wider University community.

In addition, the following activities are anticipated for 2023-24:

- Implementation of a WARP-IT scheme to reduce furniture and equipment waste
- Further roll-out of food waste bins
- Installation of EV chargepoints and solar PV with Siemens
- Electrification of the campus shuttle bus
- Implementation of public transport and active travel schemes, with plans being developed
- Introduction of a levy on single-use items in catering outlets
- Exploration of a digital sustainability engagement platform for students and staff
- Launch of sustainability-focused flagship events, including Green Welcome and Sustainability Week
- Increase of engagement with the Students' Union and other key student stakeholders to improve sustainability in student life
- Creation of staff and student sustainability networks/groups, and the identification of student Sustainability Ambassadors to support the delivery of engagement activities
- Development of mandatory sustainability training for staff
- Refresh of sustainability-focused communications channels, including our website, with a focus on transparency and collaboration

While 2022-23 has been a year of "Foundations", creating a solid bedrock for the sustainability programme, we are confident that 2023-24 will be a year of "Urgency". Our plans are for rapid and agile transformation of the University culture to one exemplifying best practice in sustainable HE, and we are confident that we will be able to deliver our ambitions across the University community.

Appendix 1 – Procurement Emissions Dataset

This dataset provides a breakdown of emissions based on procurement category spend for the 2022-23 year. We have used the HECSET toolkit to evaluate this. The DEFRA category code is also provided for the purposes of transparency. Where two or more DEFRA codes are given, this is due to unequal mapping between HECSET procurement categories and DEFRA categories; the conversion factor is an average of the given DEFRA factors. Note that the final figures in the main paper are based on DEFRA categories/types, not HECSET. As a result, some items may be assigned a different type here in comparison to the final figures given in the main paper. This appendix is provided primarily to assist in the identification of hotspots.

| Type | HECSET Procurement category | DEFRA Category Code | Spend (£) | Conversion factor (kgCO2e/£) | Emissions (kgCO2e) |
|---|---|---|---|---|---|
| Business services | AF – Studio Hire and Running Costs | 9.4.2.2 | 2,905.32 | 0.241 | 700.18 |
| | AH – Video Equipment Purchase hire and Maintenance and repair | 9.1.2.9 | 6,566.58 | 0.760 | 4,990.60 |
| | AT – Audio-Visual Equipment Hire | 9.4.3.3 | 33,855.23 | 0.241 | 8,159.11 |
| | AU – Audio-Visual Equipment Maintenance and Services | 9.1.2.9 | 63,353.90 | 0.760 | 48,148.96 |
| | BE – Library Subscriptions | 8.4 | 151,906.48 | 0.174 | 26,431.73 |
| | BK – Electronic Publications, Media and Music | 8.3.4 | 1,657,749.54 | 0.174 | 288,448.42 |
| | BN – Library Equipment and Services (e.g. book tagging) including maintenance, repair and hire | 9.2.6 | 5,803.26 | 0.999 | 5,797.46 |
| | BS – Library Licences, Royalties, Open Access Charges, Author Fees | 8.4 | 148.500.76 | 0.174 | 25.97 |
| | CG – Catering and Bar Equipment Maintenance and Repair | 5.4.3 | 129,810.67 | 1.239 | 160,835.42 |
| | CS – Catering Entertainments | 9.4.2.2 | 20,915.94 | 0.241 | 5,040.74 |
| | GC – Sports Equipment – Maintenance & Repair | 9.2.6 | 59,717.75 | 0.999 | 59,658.03 |
| | GG – Sports Services (incl. coaching) | 9.4.1.5 | 417,800.75 | 0.151 | 63,087.91 |
| | HG – Laundry and Dry Cleaning Services and Equipment | 3.1.11.1 3.1.11.2 | 6,317.60 | 0.192 | 1,212.98 |
| | KJ – Server and Networking Equipment Installation and Maintenance | 6.2.1.3 9.1.2.9 | 210,848.79 | 0.5285 | 111,433.59 |
| | KO – Website Design and Services | 6.2.1.3 | 92,702.77 | 0.297 | 27,532.72 |
| | KT – IT Hardware Support & Maintenance | 9.1.2.9 | 4,298.85 | 0.760 | 3,267.13 |

| | | | | |
|---|---|---|---|---|
| NF – Arts Equipment Purchase and Maintenance and Consumables | 4.2.4 | 56,998.92 | 0.099 | 5,642.89 |
| QA – Mail Services | 8.1 | 120,928.13 | 0.481 | 58,166.43 |
| QH – Telephony Maintenance | 9.1.2.9 | 44,602.97 | 0.760 | 33,898.26 |
| QJ – Telecoms Transmission Equipment Purchase & Maintenance | 8.3.2 | 105,287.76 | 0.174 | 18,320.07 |
| QR – Telephony Land & Mobile Line Rental Call Charges | 8.3.4 | 51,386.27 | 0.174 | 8,941.21 |
| QS – Telephony – Mobile Line Rental, Call Charges, Equipment | 8.3.2 | 102,992.73 | 0.174 | 17,920.74 |
| R – Professional & Bought-In Services including consultancy | 6.2.1.3 | 6,986.85 | 0.297 | 2,075.09 |
| RA – Advertising Services | 6.2.1.3 | 951,662.13 | 0.297 | 282,643.65 |
| RB – Conferences & Meetings (Event Management) | 6.2.1.3 | 155,918.38 | 0.297 | 46,307.76 |
| RC – Data Information Services | 6.2.1.3 | 43,271.60 | 0.297 | 12,851.67 |
| RD – Accountancy Services e.g. Audit Consultancy | 6.2.1.3 | 401,381.93 | 0.297 | 119,210.43 |
| RE – Consultancy include IT excluding Estates | 6.2.1.3 | 4,305,727.94 | 0.297 | 1,278,801.20 |
| RG – Legal & Tax Services | 6.2.1.3 | 851,106.90 | 0.297 | 252,778.75 |
| RK – Temporary & Recruitment Employment Agencies (Staff) | 6.2.1.3 | 10,140,306.32 | 0.297 | 3,011,670.98 |
| RL – Promotions & Publicity (incl Exhibitions and Fairs) | 6.2.1.3 | 745,302.49 | 0.297 | 221,354.84 |
| RM – Speakers & Presenters | 6.2.1.3 | 9,378.74 | 0.297 | 2,785.49 |
| RN – Subscriptions (Learned Society Professional etc.) | 8.4 | 1,246,671.59 | 0.174 | 216,920.86 |
| RP – Training Courses | 6.2.1.3 | 490,135.10 | 0.297 | 145,570.12 |
| RQ – Marketing & Student Recruitment Services | 6.2.1.3 | 24,326,997.80 | 0.297 | 7,225,118.35 |
| RR – Debt Collection Services | 6.2.1.3 | 59,955.61 | 0.297 | 17,806.82 |
| RS – Market Research Services | 6.2.1.3 | 16,225.80 | 0.297 | 4,819.06 |
| RU – Translation Interpreter Transcription & Procedural Writing | 6.2.1.3 | 50,879.65 | 0.297 | 15,111.26 |
| RV – Archival and Storage Services including EDM | 12.5.1.1 | 6,408.34 | 0.011 | 70.49 |
| RW – Student Placement Programmes costs and expenses | 6.2.1.3 | 268,796.10 | 0.297 | 79,832.44 |
| TQ – Conferences, meetings, and room bookings | 6.2.1.3 11.2.3 | 49,230.44 | 0.361 | 17,772.19 |
| UH – Occupational Health Supplies & Services | 6.2.1.3 | 190,811.31 | 0.297 | 56,670.96 |
| UL – Counselling Services | 6.2.1.3 | 37,060.14 | 0.297 | 11,006.86 |
| VE – Vehicle Maintenance & MOT | 7.2.3.1 | 45,927.78 | 0.561 | 25,765.48 |
| WH – Building Repairs & Maintenance Service | 4.2.2 | 2,661,781.25 | 0.0835 | 222,258.73 |

| | | 4.2.3 5.5.4 5.6.3.3 | | | |
|---|---|---|---|---|---|
| | WI – Specialist Building Services (Scaffolding, Plumbing, Carpentry, Roofing) | 4.2.2 | 4,776.00 | 0.099 | 472.82 |
| | WK – Ground maintenance, Supplies & Services (incl Landscaping) | 5.6.3.1 | 116,502.25 | 0.031 | 3,611.57 |
| | WL – Testing & Calibration Services (Non Scientific) | 6.2.1.3 | 10,210.06 | 0.297 | 3,032.39 |
| | WN – Plant Purchase, Hire & Maintenance | 6.2.1.3 | 1,050,730.33 | 0.297 | 312,066.91 |
| | WT – Cleaning Services | 5.6.3.1 | 2,877.03 | 0.031 | 89.19 |
| | WU – Building Related Professional Services | 6.2.1.3 | 86,655.40 | 0.297 | 25,736.65 |
| | WV – Pest & Vermin Control Services | 6.2.1.3 | 36,814.02 | 0.297 | 10,933.76 |
| | XE – Hospitality/Entertainment/Courtesy Expenses (Non employees) | 9.4.2.2 | 837,685.22 | 0.241 | 201,882.14 |
| | XH – Welfare | 6.2.1.3 | 25,691.76 | 0.297 | 7,630.45 |
| | XK – Other Public Bodies | 6.2.1.3 | 4,472,845.72 | 0.297 | 1,328,435.18 |
| | XS – Student Related Charges excluding fees | 6.2.1.3 | 12,194.60 | 0.297 | 3,621.80 |
| | XZ – Other/General Miscellaneous | 6.2.1.3 | 81,899.31 | 0.297 | 24,324.10 |
| | YC – Courier Services | 8.1 | 32,927.89 | 0.481 | 15,838.32 |
| | YE – Furniture – Office Removal and Storage | 12.5.1.1 | 74,291.88 | 0.011 | 817.21 |
| Paper products | BB – Books Hardcopy | 9.5.2 | 133,261.70 | 0.186 | 24,786.68 |
| | PA – Printing, Binding and Finishing Services | 9.5.3 | 455,522.40 | 0.186 | 84,727.17 |
| | PC – Printing Consumables, Toners and inks | 9.5.3 | 5,943.60 | 0.186 | 1,105.51 |
| | PD – Printing – External Design and Artwork | 9.5.3 | 36,751.73 | 0.186 | 6,835.82 |
| | SF – Papers | 9.5.3 | 111,887.87 | 0.186 | 20,811.14 |
| | SJ – General Stationery | 9.5.3 | 14,687.73 | 0.186 | 2,731.92 |
| Other manufactured products | AD – Music Instruments, Scores, Purchase, Maintenance | 9.2.4 | 41,013.58 | 0.030 | 1,230.41 |
| | AG – Theatre Production Consumables (scenery, lighting, props, costumes) | 3.1.10 5.6.2.4 | 9,632.08 | 1.577 | 15,189.79 |
| | CF – Catering and Bar Equipment and Accessories purchases | 5.4.1 | 62,202.00 | 1.239 | 77,068.28 |
| | CL – Vending Equipment, Consumables and Charges | 5.3.5 5.3.9 | 16,733.27 | 0.254 | 4,250.25 |

| | | | | | |
|---|---|---|---|---|---|
| | CN – Table and Room Decorations | 5.1.1.2 | 43,339.83 | 0.436 | 18,896.17 |
| | DE – Medical, Specialist Clothing | 3.1.1 | 45,236.48 | 0.278 | 12,575.74 |
| | FA – Electrical White Goods and Domestic Kitchen Equipment | 5.3.2 | 38,692.88 | 0.151 | 5,842.62 |
| | FC – Furniture – Office | 5.1.1.1 | 245,593.08 | 0.183 | 44,943.53 |
| | FE – Textiles, Fabrics, Soft and Loose Furnishings | 5.2.1 | 44,817.04 | 0.979 | 43,875.88 |
| | FF – Furniture – Residential | 5.1.1.1 (25%) 5.2.1 (75%) | 27,360.00 | 0.78 | 21,340.80 |
| | FG – Window Coverings | 5.2.2 | 70,576.80 | 0.979 | 69,094.69 |
| | FL – Furniture – Classroom and Lecture Theatre | 5.1.1.1 | 4,757.55 | 0.183 | 870.63 |
| | FN – General Storage, Racking, Shelving (incl. Library excl. Labs) | 5.4.4 | 6,811.73 | 1.239 | 8,439.73 |
| | GA – Sports and Recreational Equipment Purchase | 9.3.3 | 51,526.29 | 0.432 | 22,259.36 |
| | GE – Sports Equipment – Consumables and Accessories purchase | 9.3.3 | 559.00 | 0.432 | 241.49 |
| | GF – Sports Clothing | 3.1.1 9.3.3 | 69,985.23 | 0.355 | 24,844.76 |
| | HR – Janitorial Clothing and Tailoring Supplies and Services | 3.1.1 | 14,876.42 | 0.278 | 4,135.64 |
| | LB – Laboratory Animals | 9.3.5.2 | 2,393.30 | 0.920 | 2,201.84 |
| | MB – Electrical Sundries and Components | 5.5.5 | 148,690.46 | 0.116 | 17,248.09 |
| | MF – Hand & Power Tools and Accessories | 5.5.1 | 18,054.42 | 0.116 | 2,094.31 |
| | MG – Workshop Equipment and Tool Maintenance and Repair | 5.3.8 | 175,426.78 | 0.357 | 62,627.36 |
| | MH – Mechanical Components and Spare Parts | 5.3.8 | 493.50 | 0.357 | 176.18 |
| | ML – Workshop Plastics Glass and Ceramics | 5.4.1 | 3,303.23 | 1.239 | 4,092.70 |
| | MN – Electronic Components and Test Equipment Purchase Maintenance Repair and Hire | 5.3.8 | 16,866.00 | 0.357 | 6,021.16 |
| | MP – Workshop Plumbing Sundries | 5.3.8 | 2,496.00 | 0.357 | 891.07 |
| | MS – Workshop Consumables | 5.5.5 | 57,964.80 | 0.116 | 6,723.92 |
| | NG – Fashion & Textile Design – Equipment Purchase and Maintenance & Consumables | 3.1.10 | 33,918.44 | 3.071 | 104,163.53 |
| | UB – Fire Protection/Fire Fighting Equipment & Services | 5.3.6 | 174,428.06 | 0.151 | 26,338.64 |
| | UD – Safety & Personal Protection Equipment | 3.1.9.4 6.1.1.3 | 16,219.18 | 0.126 | 2,043.62 |
| | UE – Security Equipment & Consumables | 5.5.5 | 16,818.83 | 0.116 | 1,950.98 |

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| | UK – Access Control, Keys, Security Passes | 5.5.5 | 78,985.32 | 0.116 | 9,162.30 |
| | UM – Alarms (including Fire, Smoke, Gas, Intruder) purchase, maintenance, repair and hire | 5.3.7 | 9,717.00 | 0.151 | 1,467.27 |
| | UN – Special Needs/DDA Suppliers, Services Equipment purchase, maintenance, repair and hire | 5.5.4 5.6.3.3 | 178,849.72 | 0.0735 | 13,145.45 |
| | VH – Vehicle Parts & Accessories | 7.2.1.2 | 232.84 | 0.260 | 60.54 |
| | WA – Building, Repair and Maintenance Materials | 4.2.2 4.2.3 5.5.4 5.6.3.3 | 345,121.66 | 0.0835 | 28,817.66 |
| | XM – Awards, Gifts, Trophies, Souvenirs | 12.2.1.1 | 378,192.13 | 0.335 | 126,694.36 |
| | YM – Clothing and Tailoring Supplies and Services | 3.1.10 | 4,313,641.49 | 3.071 | 13,247,193.02 |
| | YN – Watercooler Equipment Services and Consumables | 5.3.7 | 38,464.35 | 0.151 | 5,808.12 |
| Manufactured fuels, chemicals and glasses | HH – Washroom and Cleaning Consumables | 5.6.1.1 | 1,296.60 | 0.083 | 107.62 |
| | LN – Laboratory Gases and Refrigerants and Associated Rentals | 7.2.4.5 | 10,293.95 | 0.498 | 5,126.39 |
| Food and catering | C – Catering Supplies & Services | 1.1.10.4 11.1.5 | 7,719.00 | 1.4505 | 11,196.41 |
| | CT – Catering Services, Outsourced, incl. Pre-prepared Meals | 11.1.5 | 161,853.17 | 0.430 | 69,596.86 |
| | YR – Catering Services Outsourced at a fixed site | 11.1.5 | 5,447,248.11 | 0.430 | 2,342,316.69 |
| Construction | FD – Floor Coverings | 5.1.2.1 (75%) 5.1.2.2 (25%) | 74,969.78 | 0.2 | 14,993.96 |
| | MJ – Workshop Metals | 4.2.3 | 287.28 | 0.088 | 25.28 |
| | MK – Raw Materials inc. Lubricants and Road Salt | 4.2.3 | 896.56 | 0.088 | 78.90 |
| | MM – Workshop Wood | 4.2.3 | 18,034.94 | 0.088 | 1,587.07 |
| Information and communication technologies | A – Audio Visual & Multimedia Supplies and Services | 9.1.1.1 | 170,847.60 | 0.760 | 129,844.18 |
| | AA – Audio Visual Equipment purchase | 9.1.1.1 | 624,147.96 | 0.760 | 474,352.45 |
| | AE – Photographic Equipment Supplies and Services | 9.1.3.1 | 245,215.61 | 0.948 | 232,464.40 |
| | AJ – Audio Visual Consumables, Accessories | 9.1.2.8 | 42,421.90 | 0.760 | 32,240.64 |
| | AM – Commercial and Graphic Art Equipment Purchase and Maintenance and Consumables | 9.1.3.1 | 29,276.08 | 0.948 | 27,753.72 |

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| | BP – Books Electronic | 9.3.2.1 | 15,854.02 | 1.502 | 23,812.74 |
| | BQ – Journal Electronics | 9.3.2.1 | 33,633.05 | 1.502 | 50,516.84 |
| | BR – Newspapers and Periodicals Electronic | 9.3.2.1 | 51,928.96 | 1.502 | 77,997.30 |
| | KE – IT Software including Bespoke Licences Maintenance | 9.3.2.1 | 6,278,487.72 | 1.502 | 9,430,288.56 |
| | KH – Desktop, Laptop, Tablet Purchase inc. Apple | 9.1.2.7 | 2,029,352.01 | 0.760 | 1,542,307.53 |
| | KM – Computer Consumables & Peripherals | 9.1.1.2 | 100,815.99 | 0.760 | 76,620.15 |
| | KN – Software-as-a-service including Hosting | 9.3.2.1 | 537,262.21 | 1.502 | 806,967.84 |
| | PE – Printing Equipment Purchase, Lease, Hire and Maintenance | 9.1.2.7 | 272,072.50 | 0.760 | 206,775.10 |
| | PJ – Printing Equipment Purchase & Maintenance | 9.1.2.7 | 8,046.00 | 0.760 | 6,114.96 |
| | UJ – Surveillance Equipment, Installation & Maintenance (CCTV, Intercom) | 9.1.3.1 | 188,152.40 | 0.948 | 178,368.48 |
| Medical and precision instruments | DB – Medical, Small Apparatus, Equipment and Instruments | 6.1.1.4 | 316,940.53 | 2.080 | 659,236.30 |
| | DC – Medical, Consumables and Disposables | 6.1.1.3 | 49,223.37 | 2.080 | 102,384.61 |
| | DF – Medical Equipment Maintenance and Repair | 6.2.1.2 | 12,407.76 | 0.297 | 3,685.10 |
| | DH – Medical Patient Diagnostic Services and Clinical Trials | 6.2.2 | 3,625.42 | 0.297 | 1,076.75 |
| | DL – Medicinal Drugs – Non Veterinary | 6.1.1.2 | 208.74 | 2.080 | 434.18 |
| | LC – Laboratory Small Apparatus and Equipment Purchase and Hire | 6.1.1.3 | 132,341.46 | 2.080 | 275,270.24 |
| | LD – Other Sciences (Astronomy, Sports Science etc.) Supplies and Services | 9.1.3.3 | 38,624.47 | 0.948 | 36,616.00 |
| | LE – Laboratory Blood Products Human Organs, Tissue, Body parts and Cadavers | 6.1.1.3 | 474.00 | 2.080 | 985.92 |
| | LH – Laboratory Chemicals | 6.1.1.3 | 2,840.82 | 2.080 | 5,908.91 |
| | LK – Laboratory Consumables and Sundries incl. Disposables | 6.1.1.3 | 59,331.34 | 2.080 | 123,409.19 |
| | LM – Laboratory Equipment Maintenance and Repair | 6.1.1.3 | 51,862.82 | 2.080 | 107,874.67 |
| | LX – Tissue Culture and Bacteriological Media | 6.1.1.3 | 8,773.33 | 2.080 | 18,248.53 |
| | UC – First Aid Supplies | 6.1.1.3 | 7,902.08 | 2.080 | 16,436.33 |
| Other procurement | JJ – Renewable Energy (Fit, Rhi) Equipment | Gross fixed capital formation | 1,464.16 | 0.249 | 364.58 |
| | RF – Insurance Services | 12.4.1.1 | 988,886.95 | 0.143 | 141,410.83 |
| | RH – Banking Services | 12.5.2.1 | 1,591,642.38 | 0.001 | 1,591.64 |

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| | XA – Fees, Lecturing, Examining, Moderating | 10.1 | 276,492.93 | 0.297 | 82,118.40 |
| | XG – Building/Premises/Land – Rent, Lease, Hire, Feu Duties | 4.1.1 | 228,368.82 | 0.162 | 36,995.75 |
| | XJ – Other Educational Establishments | 10.1 | 5,214,003.98 | 0.297 | 1,548,559.18 |
| | XN – Bursaries, Scholarships, Endowments, Donations | 10.1 | 167,897.93 | 0.297 | 49,865.69 |
| Unclassified | YY – Not relevant to Purchasing, Procurement | Unclassified | 18,736,942.43 | 0.380 | 7,120,038.12 |