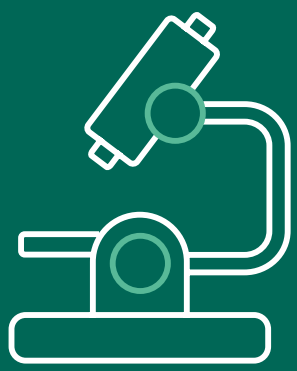
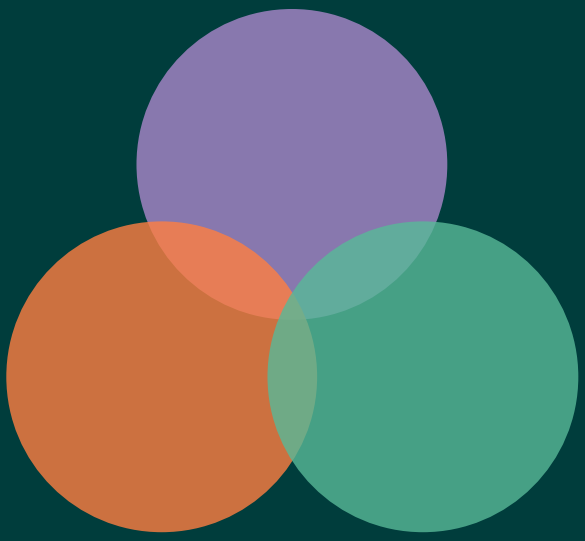
Innovate, Sustain and Nurture





It is critical we adapt our spaces and technical environments to deliver innovative education that contributes to student experience and grows our research power. Technical Strategy and Operations will

acting as the expert interface between research and education needs and infrastructure requirements (such as estates, regulators, health and safety, digital and IT) thus supporting faculty decision making in this regard. These environments include:

a) Specialist spaces on our campus sites (including research facilities, physical laboratories, workshops, and studios)

partner/ commercial sites where we need technical capability and capacity (NHS, HEI and industry partners)

c) Digital laboratory and workshop environments that will change rapidly in the next 10 years

Rapid growth in digital and technological advances and how we deliver teaching and research will impact on these environments. Consequently, physical environments will need to be innovatively designed so they are not only safe and compliant but adaptable and futureproofed as well as taking into consider growing EDI needs. We will also work with faculties to plan spaces and lead on recommendations that are design focused on research, innovation and teaching priorities, and that leveraged funding is maximised.

We will work in partnership with other teams (e.g. Digital) as well as commercial partners to ensure our service adapts to manage and develop, as well as being educators in digital laboratory and workshop spaces. We will also work with colleagues who deliver highly specialised services such as IT and the library who have similar challenges with the adaptability of spaces. Skills development of our service and the ability to provide these skills for teaching and research will be vital to deliver this theme in a landscape of rapid changing digital and technology advances.

Environmental sustainability will continue to be a primary driver. Technical Strategy and Operations will take leadership on environmental sustainability in practice to establish exemplar behaviours for the community and taking a proactive role in delivering the University's NetZero targets.

Cross Cu t ing Activities		
Research Environment	Digital Strategy	Digital Skills Development
Research Culture	Library Strategy	Funding and Research Performance
Environmental Sustainability	Science Park Strategy	Partnerships
Student Experience	Faculty plans	Capital plans

- ☑ Coordinated and prioritised strategic

Lead on the development of strategic plans for all our technical spaces with planned roadmaps, in collaboration with faculties and estates to prioritise activities.

Support the development of the science park strategy (and any commercial or facility spaces) so that those technical environments can be planned and allow for spaces on our campuses.

Higher Education and Technician Educational Development
CPD Hub
Memberships
Resources & Networks
Recruitment
iST
Supporting the technical workforce in the creative, digital, engineering and science technologies

Future proofed solutions for growth and maintenance of sustainable facilities and equipment that delivers for research and education. Technical Strategy and Operations will

in collaboration with faculties. This is vital to sustain and grow our teaching and research ecosystem as they underpin our research outputs and impact on our student experience. We will also

providing sector leading approaches.

This theme includes the core facility strategy and broadens the activities to include all of our equipment and facilities. We will

redundant equipment, critical to ensuring our

asset management are all necessary to ensure that our equipment and facilities are

suitable for the commercial market.

To date the approach to facilities and

We will

across the University so that their invaluable and exceptional level of achievement can be rewarded and delivered in collaboration with the academic community and other professional services. We will lead, through

and running laboratories and facilities and

Technicians will be trained and empowered to focus on appropriate level work so they can play a vital role in the delivery of education and research projects and activities. The recognition of the expertise of the community and our ability to nurture that community in the ecosystem will be critical to the success of the Exe-tech strategy 2030. The community will be nurtured by taking a departmental view to the development of skills, training opportunities and personal development.

A consistent and planned programme of

rounds of

action plans completed

Over invested in opportunities in22/23

Recognition of
Service Awards

grades, of whom went into management positions (June 2022 – June 2023)

for Women Technical Leaders in 2023

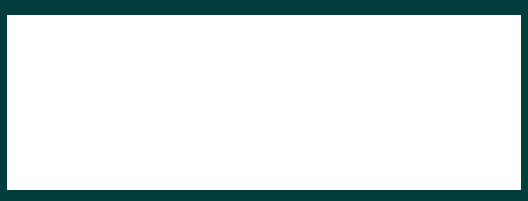
Annual conferences now welcoming over

South-West

trained

recognition

Recognition of the work of technicians seen the over the last 3 years

in 22-23

- technical services community providing consistent provision to faculties for teaching and research.
- Improved retention of experts critical to supporting student experience and improving research power.
- with greater support both by the institution and the sector creating a more
- The University strives to have an exceptional culture and reputation as a great place to work and the strategy will support this ambition for championing an outstanding research culture as well as a leading student experience.
- sector with poor EDI representation, the University will aim to lead for the technical community to celebrate and support EDI to enrich teams and outputs.