

# Generating growth and opportunity in the South East

# Contents

Universities in the South East: overview	2
Training public sector workers	4
SMEs and business growth	5
Research and development	7
Building pride in place and local communities	8



Southampton

# Universities in the South East: overview

The impact of universities on people and places can be truly transformational. Universities are crucial to sparking growth and opportunity, by bringing together student populations, research partners, local businesses, and employers to create vibrant communities, jobs, and opportunity across the UK.

## In numbers

Number of universities: **18**

Number of full-time UK undergraduate students: **163,820**

Number of part-time UK undergraduate students: **117,215**

Number of UK postgraduate students: **48,330**

Number of international students: **59,860**

Total number of students: **389,225**

Number of staff (full time equivalent) employed: **58,265**

Gross output of universities: **£16.9 billion**

Universities in the South East are located in key student cities such as Brighton and Hove, Oxford, Portsmouth, Reading, and Southampton.

Recent analysis by London Economics estimated that universities in the South East alone contributed **£16.9 billion** in gross output and **£9.8 billion** in gross value added to the UK economy. This figure includes the economic activity generated by employing people, their purchasing of goods and services, and the local spending power of staff and students.

In 2021–22, universities in the South East spent over **£4.4 billion** on staff. Staff spend a proportion of their income with local businesses and on local services which supports a thriving economy.

# Training public sector workers

Training key public sector workers is one of the most visible ways in which universities contribute to their local communities. Even at the height of the pandemic, universities were able to continue teaching students on vital medical courses and support them into front line key work.

Universities work closely with their local NHS services to train the doctors, nurses, paramedics and other allied health professionals of the future, but also to refresh the skills of key health workers to ensure top quality patient care.

Our report published in 2021 found that in the next five years, universities across the South East would train around:

- **18,775** nurses
- **6,100** medics
- **26,150** teachers

## Case study: Brighton and Sussex University Hospital Pathology Department

Every year, the Brighton and Sussex University Hospital (BSUH) Pathology Department recruits placement students from the University of Brighton's Biomedical programme. University of Brighton students are hired due to the Biomedical Science degrees being accredited by the Health and Care Professions Council.

*'It's good for the department, good for the professionals working in the department, and essential for continuing recruitment. They are certainly contributing from a very early stage, and once they are up and running, they're really worth their weight in gold.'*

Lindsay Dixon, Chief Biomedical Scientist, BSUH

# SMEs and business growth

Universities support existing businesses of all types through their infrastructure, facilities, and expertise.

An example of universities supporting local productivity and jobs is the Knowledge Exchange Concordat. Through the concordat, over 100 universities review the range and impact of their knowledge exchange activities and set ambitious targets for growth and development.

Small and medium sized enterprises (SMEs) and microbusinesses are critical employers across the UK, particularly in areas that don't have larger employers or well-developed economic clusters. They are often the businesses that have the greatest potential for growth and job creation, but the least time or resource to achieve this.

Start-up companies started by graduates of universities in the South East turned over more than **£542 million** in 2022–23, and spin-out companies with some university ownership turned over **£1 billion** in 2022–23.

## Case study: Expert advice for SMEs at Oxford Brookes University

Oxford Brookes University provided expert advice to SMEs in Oxfordshire on how to reduce their carbon footprint and reach net zero at six engaging networking events in 2022.

Each of the six two-hour sessions covered topics including how a business can calculate its carbon footprint, integrating net-zero targets into short and long term planning, advice on energy usage, how to turn your product greener, and how to embed a net zero culture in the workplace.

*'This programme provides SMEs with a great opportunity to get detailed insights, helpful advice and resources from experts, as well as connecting with others interested in the low-carbon agenda.'*

Giles Orr, Head of Business and External Engagement, Oxford  
Brookes Business School

## Case study: Wind propulsion training at Solent University

Solent University have used Regional Innovation Funding to develop a partnership with Union Maritime Limited (UML), a leading innovator in wind propulsion for the shipping sector. UML have recently invested in wind technology, alongside vessel design, fuel efficiency and data-led performance analytics, in an effort to make a meaningful contribution to a sustainable and environmentally responsible future for the maritime sector.

Solent and UML will collaborate to develop and deliver tailored wind propulsion training programs for both shore-based professionals and seafarers operating UML vessels. This will accelerate progress towards the International Maritime Organization's net zero target for 2050.

# Research and development

Universities' research activities attract investment, make world-leading discoveries, generate knowledge, and create and nurture new, innovative businesses and jobs across the UK.

Universities support existing businesses of all types by using their facilities and expertise to drive local collaboration. They also encourage private sector investment into research and development by developing collaborative relationships with businesses.

In 2022–23, higher education providers across England provided the use of facilities to companies **47,562** times, including, for example, a wind tunnel and a digital media suite.

The research universities conduct in partnership with business, the NHS, charities and other organisations is diverse in discipline and scope. University research is responsible for major scientific and medical breakthroughs, but also plays a major role in our day-to-day lives.

## Case study: University of Oxford Environmental Change Institute

The University of Oxford's Environmental Change Institute has developed modelling tools to help decision makers identify risks from climate-related infrastructure failure and build long-term resilience.

Over the last nine years, research teams have worked to create tools and methodologies to map infrastructure system interconnections and help decision makers manage the risk of failure.

These approaches have been used in the UK by Infrastructure UK, National Infrastructure Commission, Department for Transport, Environmental Agency, High Speed 2 and many others.

# Building pride in place and local communities

The UK's creative industries are one of the economic success stories of the past decade, growing at four times the rate of the UK economy as a whole between 2010–19. They bring international production teams to the UK, while employing local and regional talent.

Universities play a key role in supporting the creative industries and cultural life in the UK, from producing skilled creative graduates to working with local councils to supporting the UK's cultural prosperity and social wellbeing.

A recent study by Savanta ComRes for Universities UK revealed that more than two thirds (69%) of parents think students gain vital creative skills at university, which are essential to powering the UK's creative industries.

The South East region is rich in culture. In 2022–23, over **2.8 million** people accessed museum and gallery exhibitions run by universities in the region. Over **215,000** people attended public lectures hosted by universities in the region.

## Case study: Civic University Agreement at the University of Southampton

A historic pledge to drive economic growth and tackle social challenges has been made by University of Southampton leaders and councillors from the region.

This Civic University Agreement intends to improve the quality of life for people in the city and surrounding areas by connecting communities through culture, education and enterprise.

Pledges have been made for collective action on six priority areas, which include creating more opportunities for education and new skills, reducing inequality, generating jobs and economic growth, sustainability, and investing in arts and culture.

Universities UK is the collective voice of 142 universities in England, Scotland, Wales and Northern Ireland.

Our mission is to create the conditions for UK universities to be the best in the world; maximising their positive impact locally, nationally and globally.

Universities UK acts on behalf of universities, represented by their heads of institution.



Woburn House  
20 Tavistock Square  
London, WC1H 9HQ

☎ +44 (0)20 7419 4111  
✉ [info@universitiesuk.ac.uk](mailto:info@universitiesuk.ac.uk)  
🌐 [universitiesuk.ac.uk](http://universitiesuk.ac.uk)  
🐦 [@UniversitiesUK](https://twitter.com/UniversitiesUK)



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