

Measuring up

IMPACT AND CONTRIBUTION

2017 - 2018



UNIVERSITY OF
SURREY

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KEY STATS 2017-2018

15,247

FULL-TIME STUDENTS



3,400+

EMPLOYEES AT THE UNIVERSITY

2,470

ACTIVE STUDENT VOLUNTEERS

100+

COMMUNITY-FOCUSED
PROJECTS AND INITIATIVES



19,000+

SCHOOL AND COLLEGE STUDENTS
INTERACTED WITH OUR WIDENING
PARTICIPATION AND OUTREACH TEAM

2,400+

BURSARIES FOR STUDENTS FROM
LOWER INCOME HOUSEHOLDS



c. 3,000

STUDENTS ON FORMAL PLACEMENTS

171,700+

ATTENDEES AT PUBLIC EVENTS
HELD BY THE UNIVERSITY

1.6 TONNES

OF CO₂ SAVED BY THE STUDENT
SWITCH OFF CAMPAIGN



£42.7M

FUNDING FOR RESEARCH PROJECTS



Foreword

FROM THE VICE-CHANCELLOR

Since our foundation in 1966, the University of Surrey has been defined by the energy, determination and achievements of our people alongside the positive contribution we have made to the communities around us and society at large.

Today, our economic and social impact is very substantial, made possible by our partnerships with students, governments, businesses, alumni and local communities. As we become increasingly connected to local, national and global society we aim to work together to tackle the multiple challenges facing humanity in the digital age.

We are driven by an ambition to become a leading research institution making great contributions to the economy, society and the environment. As an institution we are also committed to measuring, adapting and growing that contribution. Since 2014-15 we have reported and reflected on key impacts and achievements of the University community. This year, *Measuring Up 2017-18* explores more closely how Surrey has worked with local, national and global partners to give back to society through research and innovation, outreach, community activity and everyday practice.

We will continue to monitor and manage our impacts, both positive and negative, to help guide our strategy and drive positive change.

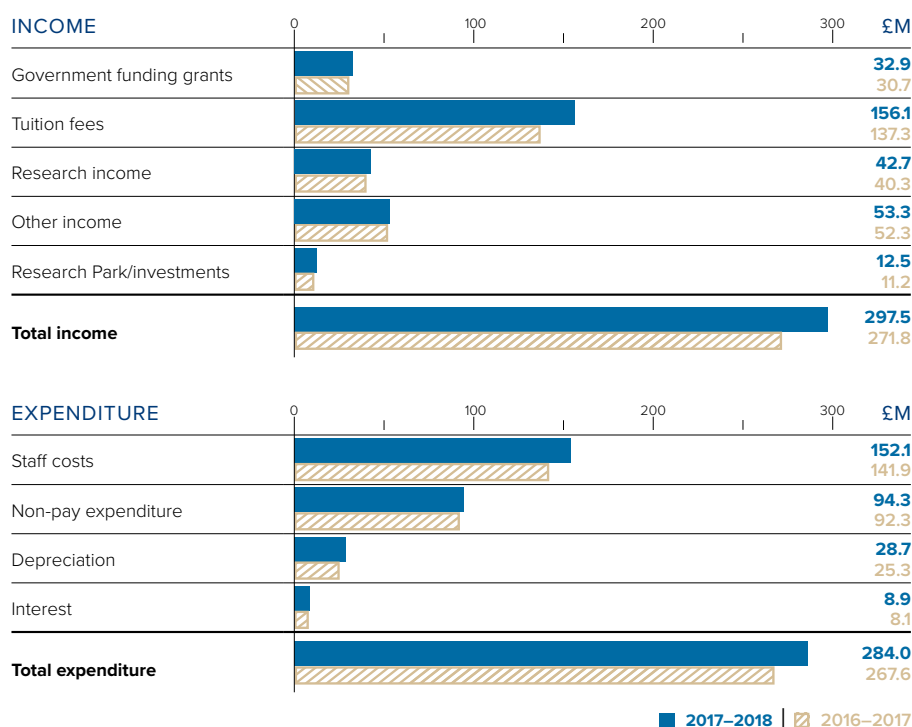
We live in a time of dramatic and accelerating change that creates global challenges, but also presents many opportunities. At Surrey, we aim to take advantage of the changing environment and the new possibilities it offers to increase our contribution to society. Our goal is to build greater and stronger partnerships within and between communities that have real-world impact and foster a sense of civic pride and responsibility throughout the University of Surrey and beyond.

Professor Max Lu,
President and Vice-Chancellor

Finance **AND** Philanthropy

2017-18 was another year of solid growth at Surrey, with our total income rising by 9.5 per cent to £297.5m. Total expenditure for 2017-18 was £284.0m, giving a surplus of £13.5m. The University is a not-for-profit organisation with charitable status working for the public benefit. All surpluses are reinvested back into the University to develop our academic activities and to enhance our facilities and services.

We have continued to invest heavily in our estate to increase capacity for academic work and support the student experience. Our capital investment in 2017-18 totalled £67.9m, including a £35m spend on student residences on Manor Park as part of an £80m investment by the University in new student accommodation.



THE IMPACT OF PHILANTHROPY

We are extremely grateful for the generous support of our alumni and friends who help to change lives by supporting our students, campus facilities and world-class research.

In 2017-18 the University of Surrey was supported by over 1,119 people and 87 charitable trusts, foundations and companies, raising more than £5.2m from philanthropic donations. Over 859 alumni and external supporters gave over 3,398 hours of their time to the University's Volunteering Programme in 2017-18, including 881 mentoring hours.

£5.2M

RAISED IN
PHILANTHROPIC
DONATIONS

3,398

ALUMNI
VOLUNTEERING
HOURS RECORDED

Our community

STAFF, STUDENTS AND ALUMNI

At Surrey we employ over 3,400 people across the University. Around a third of our employees live in Guildford and another third live in the county of Surrey¹. The 170 companies on Surrey Research Park also employed around 4,500 well-qualified people in 2017-18.

In the 2017-18 academic year we had 16,828 students, including 615 students studying for the first stage of courses at our campus in China. Of our UK-based students, 91 per cent were studying full-time. 83 per cent of full-time students were based in Guildford².

553 new students at the University in 2017-18 came from Surrey districts, including 115 students from Guildford³.

In 2017-18 39 per cent of students at Surrey were from a Black and Minority Ethnic (BME) group and 7.2 per cent of first degree entrants came from a Low Participation Neighbourhood⁴.

We are proud to be a culturally diverse university. 37 per cent of our students in 2017-18 were from outside the UK, helping to demonstrate both the diversity of our student body and the international reputation the University enjoys.

Surrey also has a global network of nearly 115,300 alumni from over 175 countries. 8,706 Surrey alumni live in the Guildford area⁵, and 68 per cent live in the UK. 18 per cent live in developing economies⁶.

15,247

FULL TIME
STUDENTS

553

NEW STUDENTS IN
2017-18 CAME FROM
SURREY DISTRICTS

3,400+

EMPLOYEES AT THE
UNIVERSITY

4,500

EMPLOYEES AT
COMPANIES ON SURREY
RESEARCH PARK

115,290+

UNIVERSITY OF
SURREY ALUMNI



¹ Data snapshot from 31st July 2018

² Data snapshot 1st December, excluding those who were absent, taking assessments or writing up on this date. Franchised students are excluded.

³ Guildford or Surrey postcode on first enrolment at Surrey in 2017-18

⁴ HEFCE POLAR3 classification

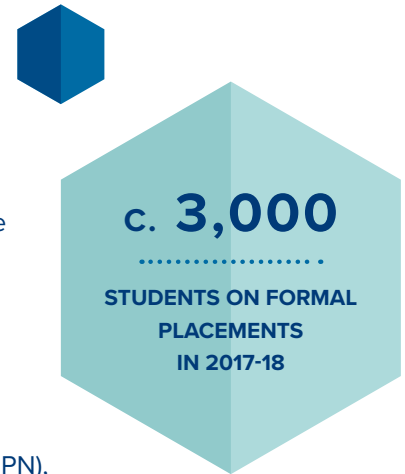
⁵ Living alumni with a GU postcode on our records

⁶ Following economic categories in the UN World Economic Situation and Prospects Report (2018)

Working **IN** partnership

We collaborate with a range of partners across the world, from businesses to the third sector, to enhance our impact on industry and society. Through activities such as joint appointments, collaborative research and consultancy we support the creation of new knowledge, products and services.

Our partners include, among others, Zoetis, Airbus and Rolls Royce, and public and third sector organisations such as the National Physical Laboratory (NPL), Surrey Health Partners, the BBC, the University Global Partnership Network (UGPN), NHS trusts, Veterinary Partners, and other organisations and universities.



► PROFESSIONAL TRAINING YEAR

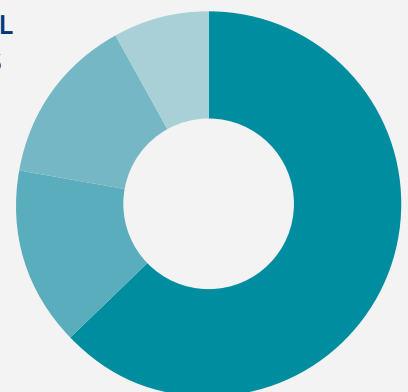
The University's pioneering Professional Training placement programme continues to be an integral part of student life at Surrey. Placements offer a huge boost to our students with access to opportunities for work and study with placement providers globally. Our placement students also provide a fresh, talented workforce for local, national and international enterprises. 1,038 students were on placements in a range of sectors across the globe in 2017-18. This excludes students on medical, health science and veterinary placements.

In 2017-18 the University undertook a detailed research project on the impact of our placement programme on our students; 92 per cent of participants reported that they felt more employable as a result of their placement and 39 per cent returned with a confirmed or conditional job offer from their placement provider.

The same research identified that the cost of placement (e.g. travel, visa and accommodation costs) was a serious concern for students from disadvantaged backgrounds. The University has therefore allocated its own funds together with matched contributions from alumni through our Forever Surrey campaign to establish a £100,000 bursary fund to support students from disadvantaged backgrounds in accessing the placement year and facilitating placements abroad in 2018-19 academic year.



STUDENTS ON PROFESSIONAL TRAINING YEAR PLACEMENTS 2017-18



MEDICAL AND HEALTH SCIENCE PLACEMENTS

Our Health Sciences, Midwifery and Nursing students spend 50 per cent of their time in practice in a 'home' NHS trust in Surrey, Sussex, North Hampshire or East Berkshire. 1,452 students were on placements in NHS trusts in 2017-18, including 222 at Royal Surrey County Hospital.

1,452

STUDENTS ON
PLACEMENTS IN NHS
TRUSTS IN 2017-18

222

STUDENTS ON
PLACEMENTS AT ROYAL
SURREY COUNTY HOSPITAL
IN 2017-18

SURREY HEALTH PARTNERS

The University is a member of the Surrey Health Partnership, working with a broad range of healthcare organisations to enhance research, innovation and education in healthcare, with a focus on service transformation and enabling a patient-led NHS.

By bringing together expert clinicians and academics in specialist areas where the University and the NHS have mutual strengths they are able to identify areas where their research will have the most impact and find new, innovative solutions to deliver healthcare solutions and working methods.

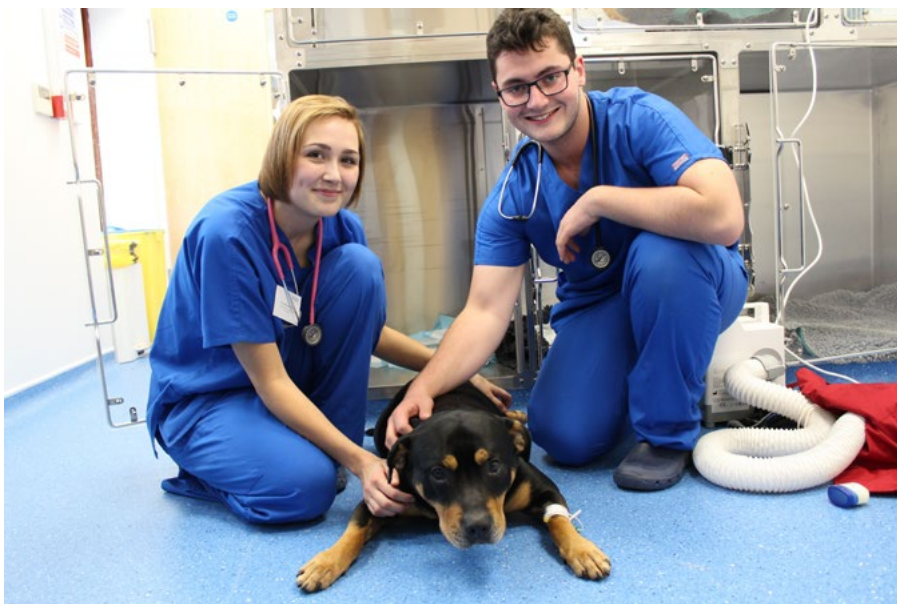
PREPARING THE NEXT GENERATION OF VETS

The University of Surrey offers the UK's most integrated model of clinical veterinary education. We partner with veterinary practices, specialist referral centres, government agencies, world-leading veterinary research institutes and other universities, opening up unique learning opportunities for our students and for industry-relevant research. Our mission is to educate veterinary professionals who will meet the needs of a changing world.

460 students were on veterinary placements in 2017-18, including 166 students at our veterinary partners in the County of Surrey.

460

STUDENTS ON
VETERINARY
PLACEMENTS
IN 2017-18



Raising aspirations AND attainment

The Widening Participation and Outreach Department (WP&O) at the University of Surrey is key to the University's work in supporting the access, success and progression of students from a range of backgrounds.

In 2017-18 the University contributed £2.8m in undergraduate bursaries for students from lower income households. The number of current students benefiting from financial support increased from 2,306 in 2016-17 to 2,444 in 2017-18.

Working closely with primary and secondary schools in Guildford and across Surrey and bordering areas, the WP&O Department designs and delivers a comprehensive programme of exciting and informative activities for students from Year 5 to Year 13. The programme of activities is designed to provide students with knowledge about higher education, introducing them to a wide variety of university subjects and pathways to university.

KING'S COLLEGE, GUILDFORD

In February 2017, the University of Surrey placed a full-time Widening Participation Coordinator at Kings College, Guildford, to support the school in raising their attainment and aspirations through consistent and targeted WP support. The school is situated in a ward where on average only 17 per cent of young people access higher education⁷ and a minimum of 78 per cent of students meet Widening Participation criteria according to our demographic analysis.

The first five months of the partnership resulted in a 950 per cent increase in activity accessed by the school compared to the previous academic year. This included 53 per cent of students visiting the university campus, compared with 8 per cent previously. In 2017-18, 91 per cent of students at Kings College took part in at least one WP&O activity and 52 per cent of parents had a booked appointment with the WP Coordinator.

The success of the University's partnership with the school was noted in the most recent Kings College Ofsted report. The school moved up from the previous rating of 'Inadequate' to 'Good' within just 18 months.

TASTER DAYS AND MASTERCLASSES

In 2017-18 WP&O collaborated with the Student Recruitment department at the University to pilot 12 new Subject Taster Days and 1 Residential Masterclass, offering students the opportunity to experience university life.

During the pilot year, a range of Taster Days were delivered, including Psychology, Law and Politics. In March 2018, the School of Economics welcomed A-level pupils and their teachers from George Abbott School to campus. Supported by our student ambassadors, the pupils were given a flavour of what it's like to study Economics at Surrey.



91%

OF KING'S COLLEGE
GUILDFORD STUDENTS
ENGAGED WITH AT LEAST
ONE WP&O ACTIVITY
IN 2017-18



⁷ According to HEFCE POLAR 4 data

▶ YOUR FUTURES – REFUGEE AND ASYLUM SEEKERS PROGRAMME

In June 2018 the WP&O Department received a National Education Opportunities Network (NEON) commendation for their unique Your Future project, an initiative aimed at supporting young refugees and asylum seekers in accessing higher education.

▶ YOUNG CARERS RESIDENTIAL SUMMER SCHOOL

A new three-day residential summer school programme was run in June 2018 for Young Carers in Years 10 and 11. The programme provided students with a break from their caring responsibilities and the opportunity to experience university life, learn about post-16 pathways and meet other students with similar experiences to their own. Student Ambassadors who were Young Carers themselves supported the programme and acted as role models for attendees.

One participant said: "it's making me think that I should reach my full potential and go to university".

▶ LEARNING TOGETHER – WORKING WITH PARENTS

In 2017-18 our WP&O Department ran the successful new Learning Together programme for pupils in Years 7-13 and their parents. The programme consisted of in-school information on GCSE and A level decision making and a series of lectures delivered by leading academics at the University.

A parent said:

“

I can't thank you enough, you may have opened up further education for both our children and therefore a different future. ”

WPO | ▶▶▶ **WIDENING PARTICIPATION AND OUTREACH**

3,764

.....
PRIMARY SCHOOL INTERACTIONS

15,240

.....
SECONDARY AND COLLEGE STUDENT INTERACTIONS

1,278

.....
PARENT/CARER INTERACTIONS

309

.....
MATURE LEARNER INTERACTIONS

399

.....
STUDENTS ATTENDED RESIDENTIAL SUMMER SCHOOL PROGRAMMES

Engaging **WITH** our community

The University of Surrey is an integral part of the town and our institution makes a valuable contribution to the wider local and regional community. We are proud to call Guildford home.

We work with local residents, community groups, businesses and schools and value the voice of our local community. In 2017-18 our staff were contributing to 100 community-focused projects and initiatives and over 1,373 local residents responded to our 2018 Residents' Survey helping us set the priorities for future interaction. For regular updates follow our Community and Public Engagement Twitter @UniofSurreyCPE.



▶ LOCAL TRANSFORMATION PROJECTS

In September 2017 our Estates team came together with residents of Cathedral View in Westborough to create a new community garden space, supported by Guildford Borough Council's Project Aspire. The garden is being used by local people who have taken ownership of the space.

In June 2018 University of Surrey Students Union Art Society worked with King's College Guildford and local residents to complete a wall mural to compliment the space and mark its dedication to a local resident. The garden received a Silver Award in the Best Neighbourhood Project category at Guildford in Bloom 2018.

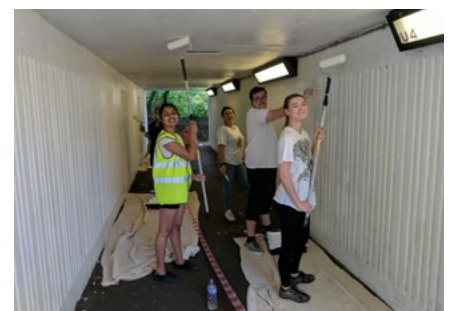
The Student Life Team from the Student Services Department spent a day transforming the Greville Road underpass in Park Barn in May 2018. The team worked with the North Guildford Community Wardens to undertake the project and the regeneration was funded by Project Aspire at Guildford Borough Council. A plaque was put up to mark the occasion.

In 2018 we entered our first ever student garden in to the Guildford in Bloom competition. Themed around the women's vote centenary, the garden was designed and produced by a team of

student volunteers with support from the University's grounds team and staff from University of Surrey Lettings. The group transformed the front garden of a rented student property in Walnut Tree Close and won a Silver Gilt and Best in Category award in the Student Garden Showcase category.

“Students really do care about their homes and the communities they live in.”

Speaking about his motivations for creating the garden, Business Management Student, Ben Harbour, said: “Houses of multiple occupation, such as student houses, often get a bad reputation for not maintaining the upkeep of external areas. Through this project, we really hope to inspire others to get more involved in gardening and show that students really do care about their homes and the communities they live in.”





STUDENTS SUPPORTING LOCAL EVENTS

Students from our School of Hospitality and Tourism Management support and help deliver local and national events throughout the year. In 2017-18 they volunteered at events including the Clandon Park Run with Kelly's Storage, the Surrey Half Marathon, Ride London and the London Marathon, helping with crowd management and event control. Students also work closely with Guildford Cricket Club, supporting the planning, setup and running of the annual Guildford Beer Festival.

Owen Grainger-Jones, programme leader for the BSc in International Events Management, said: "students engaging in events volunteering activities gain valuable industry knowledge and experience that augments their studies and contributes to students becoming employment ready. Additionally, it is great thing that the students support event organisations in this way and in doing so give something back to the local Surrey community".

Giving back



The University of Surrey is proud of its strong links with the local community. Our staff and students take part in volunteering and charitable campaigns on and off campus throughout the year.

▶ SPACE FOR LOCAL CHARITIES

We work with local charities and provide space on campus for large events such as the Voluntary Action South West Surrey (VASWS) annual conference, which was attended by 147 people from 98 organisations in 2018. In January 2018 we also hosted the BIG chat with Surrey Youth Focus, welcoming members from over 60 organisations on campus to share ideas on how to support the mental health and wellbeing of young people in Surrey. Surrey Technology Centre, based on the University's Research Park, also offers local, registered charities free meeting rooms during evenings and weekends.

▶ SUPPORTING THE BRITISH HEART FOUNDATION

The University partners with the British Heart Foundation (BHF) and Guildford Borough Council on a large-scale annual campaign to donate unwanted goods left in student rooms when they move out. In 2017-18 our staff and students donated 3,101 charity bags at collection points on campus, estimated to have raised £43,414 to help fund the BHF's life-saving work and diverting 24.8 tonnes of goods from landfill.



3,100+
.....
**CHARITY BAGS
DONATED TO THE BHF
IN 2017-18**

▶ COMMUNITY SPIRIT

Over 180 members of staff from our Professional Services teams spent half a day or more volunteering in the community as part of departmental community building projects. Activities included:

- ▶ Litter picking in Park Barn and Westborough
- ▶ Pulling weeds and tidying overgrown areas in Farnham Park
- ▶ Painting residential rooms, digging a vegetable patch and taking part in activities with residents at The Meath Epilepsy Trust
- ▶ Arts and crafts with residents at the Park Barn Centre
- ▶ Helping in Phyllis Tuckwell charity shops
- ▶ Clearing and sorting the store room at Cherry Trees
- ▶ Helping out in the garden at SeeAbility in Denecroft
- ▶ Creating community gardens and transforming green spaces alongside local residents
- ▶ Other local charities worked with include Mane Chance Horse Sanctuary, Gilbert White's House, Shooting Star Chase, Guildford Food Bank and The Fountain Centre at Royal Surrey County Hospital



GAGGLES AND CROWDS

Faculty and students at Surrey Business School developed Gaggles Connect, a tool to help people build an initial digital crowd for their crowdfunding campaigns. The platform is used by MSc Entrepreneurship and Innovation students at Surrey to build support for University and community projects.

In 2017-18 students worked with Surrey Libraries and Guildford Library to fundraise for the YouToo Digital Studio, a film space at Guildford Makerspace where children and adults are able to film, edit and share their projects with the digital world. The campaign successfully funded equipment for the studio which opened in August 2018.

LOCAL CHARITY FUNDRAISING IN THE SCHOOL OF HOSPITALITY AND TOURISM MANAGEMENT

Students from our School of Hospitality and Tourism Management (SHTM) raise funds for local charities through their student event projects. Fundraising events included a Bollywood Nights event for Challengers, a Cinco de Mayo Masked Fiesta for Woking and Sam Beare Hospice and Christmas parties for Halow Project and the Number 5 Project.

Lakeside Restaurant and Coffee Shop also partner with Challengers, a local charity providing inclusive play and leisure activities for disabled children and young people in Surrey and the South East. They were Challengers' collection-tin hosts of the month in September 2017 and raised over

£2,500 for the charity from fundraising activities throughout 2017-18.

Katie Ledger from Challengers said: "Working with students from the University of Surrey and Lakeside Restaurant has been a wonderful and inspiring relationship. They have raised incredible amounts to support local disabled children and young people in the community. In Guildford alone Challengers supports 451 children and young people from the ages of 2 to 25 years old and thanks to individuals and dedicated support from Surrey University we will continue to break down the barriers to play."

VOLUNTEERING AND FUNDRAISING WITH SURREY STUDENTS' UNION

The Students' Union Community Zone ensure that volunteering opportunities are available to all students and record volunteering activities in the community. In 2017-18 there were 2,470 active student volunteers and USSU clubs and societies raised over £10,000 for Meningitis Now and Guildford Action.

Students, staff and residents of Guildford have donated over 17,000 items to The Salvation Army and North Guildford Food Banks through the USSU #GetGivingFood campaign since 2015. An estimated 500+ items are collected every week from sites across campus and a collection point set up at the Tesco Superstore in Guildford. At the end of each term, unclaimed coats from the campus nightclub are also donated to Guildford Action, a charity that supports homeless individuals and isolated families.

In March 2018 15 Surrey students spent a cold night sleeping outdoors and raised £1,146 for YMCA Downlink (Guildford) as part of a national Sleep Easy campaign,

helping to raise awareness of youth homelessness and tackle the challenge of homelessness in Guildford.

Gemma Paine, Vice President for Community at the Students' Union, said: "Volunteering has become a huge part of student life, whether big or small students want to make a difference to those around them."



£10,000+

RAISED BY STUDENTS FOR
MENINGITIS NOW AND
GUILDFORD ACTION IN
2017-2018

2,470

ACTIVE STUDENT
VOLUNTEERS

17,000+

FOOD ITEMS DONATED TO
THE SURREY STUDENTS'
UNION GET GIVING FOOD
CAMPAIGN SINCE 2015

Arts, culture AND events

171,700+

PEOPLE ATTENDED PUBLIC
EVENTS HELD BY THE
UNIVERSITY OF SURREY
IN 2017-18

The University provides local residents with a range of opportunities to participate in its educational, cultural and social activities as well as opportunities for international audiences to engage with our research. 136,136 people attended public events such as arts performances, lectures and demonstrations held by the University around the world in 2017-18, including 122,237 attendees at free events. A further 35,610 people attended special events at Surrey Sports Park in 2017-18 (excluding SSP member visits).

In 2017-18 our year-round public arts programme included 212 ticketed events and around 60 free events including musical and theatrical performances and workshops. 13,782 people attended our ticketed events in 2017-18 and over 47 per cent of attendees were members of the public. Throughout 2017-18 the University engaged with 85 external professional musicians, actors and dancers. There are also around 20 public artworks on display in the grounds of our two campuses.

We continue to sponsor the annual Guildford Book Festival and co-organise the Annual Architecture Lecture with the Guildford Society. The University also takes part in events in the local and surrounding area including the UK wide Bright Club and the global Pint of Science festival.

Our Archive and Special Collections is home to rare books and over 60 collections, including a unique archive of works by Ernest Howard Shepard. This vital research resource is available to external researchers as well as Surrey students and academics.



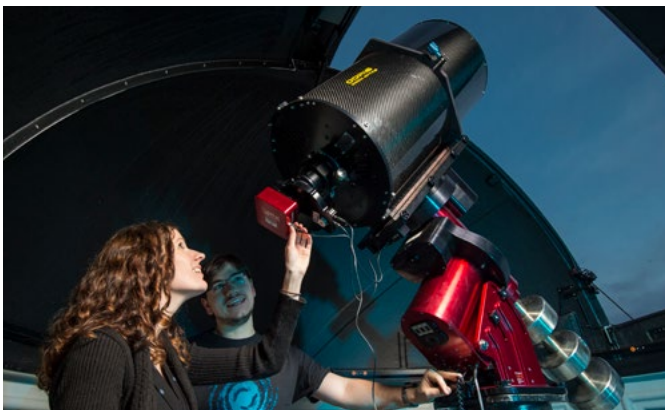
▶ FREE SUMMER SCHOOL PLACES FOR VULNERABLE YOUNG PEOPLE

In 2017-18, in partnership with the High Sheriff of Surrey, Guildford School of Acting (GSA) offered six vulnerable young people (proposed by a number of local charities) free places on our one week Acting and Musical Theatre Summer School. The feedback from those young people was extremely positive, with the opportunities described as life changing.

▶ FREE FEST AND SUMMER OF CINEMA

Free events enable us to share our beautiful campus with the local community. Free Fest was first established in 1979 by the University of Surrey Students' Union. The annual community festival features live performances, interactive arts activities, children's activities, street food and drinks.

Free Fest is attended by students, staff and members of local community of all ages each year. Around 6,000 people attended over two days in May 2018. Free Fest was followed by two additional days of Summer of Cinema where students and visitors enjoyed watching cult classics with friends and family.



▶ COMMUNITY ORCHESTRA

The University Orchestra has opened its doors to musicians from the local community. 111 musicians from the local area aged 11 to 71 joined forces with University students, staff and alumni at two Orchestra Days in 2017-18.

Led by the internationally recognised conductor Russell Keable, they rehearsed and performed an impressive repertoire including Stravinsky's Rite of Spring and film musical masterpieces, John Williams' Star Wars and Danny Elfman's Batman.



▶ STARGAZING

In 2017-18 the Department of Physics ran seven Astronomy Evenings where members of the public and astronomy enthusiasts gathered at the University to hear about fascinating interstellar objects. On clear nights members of the public were able to see some of these exciting astronomical phenomena using telescopes provided by the Department. These events offered visitors of all ages the opportunity to learn more about the universe and hear about cutting edge research from Surrey academics. At some of our special events supported by the Guildford Astronomical Society visitors were also able to take part in hands-on demonstrations.

Dr Heather Campbell, Outreach Coordinator in the Department of Physics, said: "It is hugely important to run public engagement events such as these to inspire the next generation of scientists, as well as engaging with our local community to share our research and the enthusiasm that we have in abundance at the University."

1,300+

**ATTENDEES AT
ASTRONOMY EVENTS
IN 2017-18**

Surrey Sports Park

The University owns and operates Surrey Sports Park which continues to be a major asset to the local community as well as to the University. The Park provides opportunities for the public both to participate in sport and to watch competitions of the highest level. It is also home to some of the world's top elite sports teams and athletes.

Surrey Sports Park held 81 public events in 2017-18 welcoming 35,610 people. This is in addition to between 0.75m and 1m visits by members, clubs and societies per year. They also worked with over 15,770 school children throughout 2017-18.

1,456

YOUNG PEOPLE
TOOK PART IN THE
GAMES WEEKEND



3,054

YOUNG PEOPLE TOOK
PART IN THE TRAINING
FOR THE SURREY
YOUTH GAMES

▶ EVERY MOVE COUNTS

In the summer of 2017 we launched SurreyMoves, a web app for University of Surrey students and staff that encourages them to be more active. Whether they are walking to lectures, taking part in a training session or going for a run, users can earn points that can be claimed as prizes throughout the year. Over 2017-18 4,658 people engaged with Surrey Moves, including 1,001 staff at the University.

One user said: "It's wonderful if you are just starting out and want to feel like you are part of a community in your health journey."

▶ SPECSAVERS SURREY YOUTH GAMES

The Specsavers Surrey Youth Games gives young people the opportunity to try a new sport, benefit from six to eight weeks of free training and then take part in a celebratory Games weekend which has been hosted at Surrey Sports Park since 2013. Coaches, young leaders and officials are also trained as part of the programme.

In 2018 the 22nd Games continued to focus on social inequalities, targeting children from the most deprived areas across the county. 3,054 young people took part in the training and 1,456 went on to take part in 20 competitions across 12 individual sports at the Games weekend at either Surrey Sports Park or Woking Leisure Centre. 65 per cent of Games weekend participants were girls and 35 per cent were boys.

89 per cent of participants said that they felt more confident after taking part in the training and being selected for the Games. Community clubs also benefit from an influx of new members as the participants continue to play their sport. 46 per cent of participants have joined or plan to join a club in the sport they took part in at the Games.

4,658

STAFF AND STUDENT
USERS OF SURREY
MOVES

73%

OF USERS ARE NOW
UNDERTAKING MORE
PHYSICAL ACTIVITY SINCE
JOINING SURREY MOVES

35,610

ATTENDEES AT SURREY
SPORTS PARK EVENTS
IN 2017-18

1,788,794

MILES TRAVELLED BY
SURREYMOVES USERS
IN 2017-18

81%

OF USERS FEEL THAT
SURREY MOVES HAS HAD
A POSITIVE IMPACT ON
THEIR WELLBEING

15,770+

SCHOOL CHILDREN
WORKED WITH IN
2017-18

Living together

As residents of Guildford, our student population brings numerous benefits to the community and many of our alumni continue to live and work in the local area after they graduate.

We estimate that in 2017-18 there were 12,718 full-time Surrey students studying on campus who may have required accommodation in Guildford⁸. Around 6,015 students lived in University owned and managed accommodation⁹. The University is investing £80m in new student accommodation. The first 480 rooms were completed in time for the 2018-19 academic year and the remaining 670 are due for completion in September 2019.

We continue to work with neighbours close to campus through our residents' liaison groups and with local landlords through University of Surrey Lettings (USL) to help students find safe and suitable accommodation.

Our accommodation and security teams, USL, the Students' Union and the Public Engagement team work together with our neighbours on complaints and investigating procedures. We also hold quarterly residents' stakeholder meetings for hotspot areas. As a result of these discussions, street marshals, jointly funded by the University and the Students' Union, were introduced in 2017-18 to help reduce noise, anti-social behaviour and improve student safety in Walnut Tree Close, a road adjacent to campus.

The Students' Union's Living Off Campus Guide is emailed to all students annually, covering issues such as managing noise and rubbish. Exit Talks were also launched in 2017-18, providing information to first year students who are moving off campus for their second year.

Since 2015 a growing team of Community Representatives from the Student Union have been volunteering their time to build relationships in the local area. In 2017-18 there were 26 student representatives across different wards in Guildford. The Community Reps aim to create a stronger, more cohesive community for all those who live in and around Guildford by listening to students and non-student residents, and raising any local issues with the University, Guildford Borough Council and other relevant organisations.

6,015

STUDENTS LIVING IN
UNIVERSITY OWNED
AND MANAGED
ACCOMMODATION

“

We continue to work closely with the residents of Guildford with the ultimate goal of creating one community that celebrates everyone that lives here. ”

Gemma Paine, Vice President for Community at the Students' Union



⁸ This is likely to be a maximum number as it does not allow for groups such as students living in their parents' or their own homes in Guildford, students living outside Guildford and commuting in, and nurses living in Trust accommodation.

⁹ This includes 5,581 living in University owned accommodation and 434 in accommodation managed by University of Surrey Lettings.

How we travel

We actively monitor the way our staff and students travel to and from the University. Through University-wide campaigns, partnerships and improving infrastructure we seek to increase the number of people walking, cycling and using public transport on campus.

▶ CHAMPIONING ALTERNATIVE TRANSPORT

Since July 2018 the University has partnered with Stagecoach buses to offer a more frequent bus service. The 16 new buses create greater capacity for transport between our sites and the town centre and also serve areas in North Guildford. The Night Bus service has also been increased to six nights a week during term time, helping students and wider community users get home safely.

In the summer of 2018 the University also partnered with Fari, a smartphone app and online platform which enables people in communities to car share. These partnerships aim to help reduce car journeys to and from the University.



▶ BACK THE BIKE

466 staff, students, local businesses and members of the wider Guildford community supported our Back the Bike crowdfunding campaign as part of the Santander Cycles University Challenge, raising over £69,900 in 33 days. MSc students from Surrey Business School and Student Enterprise helped to build support for the campaign and create one of the largest crowds in the competition.

The University has subsequently invested a further £75,000 and partnered with nextbike UK to deliver a network of 50 bikes and eight docking stations across Stag Hill and Manor Park from August 2018. The scheme will become a fundamental part of our sustainable traffic plan and will reduce traffic congestion, improve air quality and cut travel times between our sites. In time, we hope to expand the scheme beyond our sites and into Guildford.



“

We're delighted to be launching the University of Surrey's scheme thanks to the phenomenal efforts from everyone involved in the campaign. ”

Julian Scriven, nextbike UK Managing Director

Environment

AND sustainability

We are committed to improving sustainability on campus, embedding it across our day-to-day operations, teaching and research.

GLOBAL GRADUATE AWARD IN SUSTAINABILITY

The University of Surrey's Global Graduate Award in Sustainability introduces students to the wide-ranging issues that are encompassed within sustainability. The Award is open to all students at the University, from undergraduate to PhD, whatever they are studying as their main degree. Taught by specialists from within the University and beyond, over 140 students were enrolled in 2017-18.

Angela Druckman, Professor of Sustainable Consumption and Production, said: "as the newly appointed Lead for Sustainability in the Curriculum for the University, I am looking forward to expanding our teaching of sustainability".



TRAINING THE MANAGERS OF THE FUTURE IN BEST PRACTICE

Our School of Hospitality and Tourism Management programmes aim to prepare management leaders for the future, with an emphasis on best practice and sustainability. Lakeside Restaurant and Coffee Shop, our on-site training facility, is on a mission to reduce waste and work towards a more sustainable future for hospitality.

Lakeside focus on local and British suppliers and create seasonal restaurant menus to reflect the availability of British produce. The Coffee Shop use compostable packaging and aim to waste no food by turning surplus vegetables into soup.

In January 2018, Lakeside became fully active members of the Sustainable Restaurant Association, a community committed to sustainable foodservice. In recognition of their performance, they were nominated for a Food Made Good award and received a three star Sustainability Rating in 2018, the highest rating possible.



CATERING FOR A MORE SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY FUTURE

At Surrey, we are working to create a more sustainable and environmentally friendly future. The Simply Fresh shop at Surrey has made changes to their products and their procurement, delivery, service and waste management systems. In November 2017, our Students' Union banned plastic straws from the University nightclub Rubix with the aim of reducing the consumption of single-use plastics.

In 2017-18 all catering outlets at Surrey achieved 32 per cent reusable cup usage, up 4 per cent from 2016-17. These figures are set to increase significantly in 2018-19 through additional efforts from Lakeside and our Hospitality, Conference and Catering Services team to reduce waste from single use items.

The introduction of a University-wide cup levy in 2018 also saw a 28 per cent increase in the number of hot drinks served in reusable cups in just three weeks, saving over 7,722 cups. All proceeds from the levy in 2018-19 will go to local charities Shooting Star Chase and Oakleaf.



ENERGY AND WATER USAGE

In 2017-18, our water use decreased by almost two per cent compared to 2016-17. Despite an increase in student numbers and the significant development of our campus footprint, we have maintained our CO₂ emission levels – an increase of 0.14 per cent was observed between 2016-17 and 2017-18. Whilst acknowledging this achievement, we also recognise the need for the University to continue to grow its activities whilst reducing its overall impact on the environment. This includes making further investments in infrastructure and initiatives that translate into measurable energy, water and waste savings.

STUDENTS SWITCHING OFF

In 2017-18 we held successful NUS campaigns to improve energy usage including the Student Switch Off.

By turning off unused equipment in university buildings, the campaign saved over 1.6 tonnes of CO₂ and showcased how small actions can have a huge positive impact on the environment.

1.6 TONNES

OF CO₂ SAVED BY
TURNING OF UNUSED
EQUIPMENT IN 2017-18



A WATER AUDIT FOR STAG HILL

In the summer of 2018 a Civil Engineering student at Surrey worked with our Estates Team to carry out a Water Audit for Stag Hill. The audit highlighted a number of potential water savings in both residential and non-residential water consumption, including the theoretical potential to save circa 40,000 m³ per year through the efficient use of water, for example from using PIR sensors for flushing. As a result, the University will be looking to install such sensors as part of its ongoing maintenance programme and water savings plan.



LIGHTING SURREY SPORTS PARK

In 2017-18 we completely re-fitted Surrey Sports Park with more efficient LED (or equivalent) lamps. The project was completed using Salix funding¹⁰ and in 2018-19 we will be replacing external lights and street lighting at both University campuses and the Sports Park with a more efficient type.

David Hitchcock, General Manager of Surrey Sports Park said: "The re-lamping programme has been rolled out around the majority of the building and so far, has been a huge success. We host such a wide variety of sports and activities, from grass route beginners through to national and international athletes and teams. Therefore, it is imperative that we continue to provide the very best facilities possible to accommodate the varying needs."

¹⁰ Salix funding is interest-free Government funding for the public sector to improve energy efficiency, reduce carbon emissions and lower energy bills.



Research

Pioneering research at Surrey brings direct, positive benefits to society across multiple sectors including health, communications, business and the environment.

Responding to societal challenges including crime, climate change and cancer, our research is helping those within our local region, across the UK and around the globe.

Our researchers collaborate extensively with colleagues from around the globe. As a result over half of our research outputs feature an international author.

390+

ACTIVE INTERNATIONAL
RESEARCH PARTNERSHIPS

► iSCAPE GUILDFORD

In 2018 residents in Guildford took part in an international study to help improve air quality in the town. Conducted as part of the iSCAPE (Improving the Smart Control of Air Pollution in Europe) project, a European research and innovation project, the study was carried out by the Global Centre for Clean Air Research (GCARE) at the University of Surrey in partnership with Guildford Borough Council and the University of Hasselt (Belgium).

The study investigated how customised information could influence individuals to make more pro-environmental choices in their transport, travel and commuting. The GCARE team are carrying out a number of experimental, modelling and citizen science activities as a part of their work at the Guildford Living Lab. One example is an online quiz: quiz.iscape.smartcitizen.me

Professor Prashant Kumar, Founding Director of GCARE at the University of Surrey, said: "This initiative will help improve the understanding of Guildford residents on the impact of their own travel and how changes they could make can have a positive outcome. We are carrying out various research activities to assess effects of green infrastructure (e.g. roadside hedges) on reducing near-road exposure and disseminating complex science via simple messages to Guildford residents."



► ACCELERATING IMPACT

The Impact Acceleration Account (IAA) provides support and funding to help develop impact from research at Surrey funded by the Engineering and Physical Sciences Research Council (EPSRC). It helps researchers map out routes for further development, commercialisation and impact creation, and to identify partners. To date, over 100 small collaborative projects have been supported, many of which have gone on to secure additional funding to continue their activity and bring the research closer to generating social or economic benefit.

► TIHM FOR DEMENTIA

TIHM (Technology Integrated Health Management) for dementia is an Internet of Things NHS Testbed looking at how new technologies can be harnessed to support people with complex health problems. Using in-home sensing technologies and machine learning algorithms, TIHM was designed to improve the lives of people with dementia living at home and relieve stress on carers.

More than 400 people with dementia and their carers from Surrey and North East Hampshire took part in the first phase of TIHM which involved a collaboration between the University of Surrey and Surrey and Borders Partnership NHS Foundation Trust. The technical lead for the study is Payam Barnaghi, Professor

of Machine Intelligence at the Centre for Vision, Speech and Signal Processing at the University of Surrey.

Results from the first phase show that people with dementia trialling the technology experienced a significant reduction in neuropsychiatric symptoms such as depression, agitation, anxiety and irritability and that carers reported 'peace of mind.' Key achievements included the development of prototype algorithms to successfully identify signs of urinary tract infection, a top five cause of hospital admission among this group, agitation and hypertension. The first phase was completed in March 2018 and the second phase is running in 2018-19.

▶ IMPROVING THE EDUCATION OF MEXICO'S POOREST CHILDREN

The education available to thousands of Mexico's poorest school children will be significantly improved thanks to a new mobile tutoring programme designed by Ciro Avitabile, Senior Lecturer in Economics at the University of Surrey. In collaboration with the World Bank and the National Council

for Education Development (CONAFE), the research found that when training and ongoing support for mobile tutors was increased, children in poor communities had better reading, writing and maths skills. CONAFE adopted the recommendations across all of its programmes in Mexico in 2017.

▶ LIVE LAGOM

Between 2016 and 2018 a team from the Centre for Environment and Sustainability (CES) at Surrey collaborated with IKEA UK & Ireland and environmental charity Hubbub UK on an experimental research project, Live LAGOM. The Swedish phrase "Lagom är bäst" means "the right amount is best". That is, we consume just enough for our fair share, also leaving enough for others. Following this philosophy, IKEA's partnership project aimed to enable people to live more sustainable and healthier lifestyles at home.

Around 300 people took part in the project over three years, forming a community of "Lagomers", enabled by IKEA to try new ways of more sustainable consumption. They swapped tips with each other and shared the Lagom lifestyle with their friends, families and colleagues. At the end of the programme participants reported feeling a greater sense of wellbeing, having more control over their lives and taking more conscious decisions about how they live.

Live LAGOM demonstrates not only how a major company can innovate for sustainable development but also how the real-world application of academic research from CES on changing consumption and lifestyles can influence decision-makers. This pioneering IKEA project has now been developed into an annual corporate programme at IKEA UK & Ireland - with the potential for international impact. For more information about the project, IKEA's sustainable business vision and ways to 'live Lagom' visit ikea.com/gb/en/ikea/ikea-live-lagom/

Sharon McCracken, Healthy & Sustainable Living Leader for IKEA UK & Ireland, said: "The University of Surrey has been an integral part of the Live LAGOM project. It has been extremely useful to work with people who could draw on academic knowledge and also collaborate effectively with the business. The lessons from the project will continue to shape and influence our business both in UK & Ireland, and for Global IKEA."

▶ NUTRITIONAL VALUE

In 2017 the University was awarded The Queen's Anniversary Prize for Higher and Further Education in recognition of its research excellence in the field of food and nutrition.

The accolade recognises the pioneering research from the Department of Nutritional Sciences which has identified the long term effects of inadequate dietary intake and helped prove the positive effects of good nutrition. This research has influenced major changes in government policy and transformed consumer perceptions through media and public engagement activities.

Professor Susan Lanham-New, Head of the Department of Nutritional Sciences, said: "This prestigious award is a result of all the hard work of staff in furthering the field of nutrition through our teaching and research. Nutrition is an important component of all our lives and the significance of a well-balanced diet should never be underestimated."



**THE QUEEN'S
ANNIVERSARY PRIZES**
FOR HIGHER AND FURTHER EDUCATION
2017

Innovation **AND** the economy

The University of Surrey supports growth and economic activity in the region through its innovation ecosystem. We measure our economic contribution through Gross Value Added (GVA) assessments carried out every two years by independent consultants, BiGGAR Economics. Their reports provide an important tool for understanding the contribution of the University to the local and national economy.

Our economic contribution has grown by 25 per cent since our first economic impact report for 2012-13. In 2016-17 the University and its Research Park generated almost £1.75bn GVA for the UK and supported 17,800 jobs, including 13,900 in the county of Surrey and 11,200 in the Borough of Guildford. The next economic impact assessment will be made for the 2018-19 academic year.

SURREY RESEARCH PARK

Established in 1983, Surrey Research Park builds strong links between tenants, Surrey academics and the business community. In 2017-18 the Park was home to over 170 companies which employed around 4,500 well qualified staff, a significant proportion of which were in highly technical jobs.

The spread of companies includes technology based start-ups, those that have scaled from an early start in the Surrey Technology Centre on the Park, and specialist research teams from larger international companies.

A study conducted in 2017-18 revealed there are many important links between the companies on the Park and the University which help to drive the high level of innovation coming out of the companies that has real world impact and the potential to benefit global society.

For the last 35 years Dr Malcolm Parry OBE, Managing Director & CEO of Surrey Research Park, has been involved with promoting the concept of science parks to key audiences. This includes working with UNESCO and the World Technopolis Association, the International Science Park Association and the UK Science Park Association of which he was one of the founders in 1984, on capacity building around innovation in countries seeking to develop technology entrepreneurship.

35

YEARS OF EXPERTISE
IN TECHNOLOGY
ENTREPRENEURSHIP

4,500

EMPLOYEES AT SURREY
RESEARCH PARK

INCUBATION AND INNOVATION

The University's technology transfer and translation activities, including spin-outs, generate jobs and economic growth at scale. In 2017-18 21 active spin-out companies employed over 600 people¹¹. This includes over 450 jobs at six formal spin-outs established using IP originating at Surrey such as Surrey Satellite Technology Limited, and over 160 at 15 spin-outs that are partly owned by the University. The total turnover of all 21 spin-outs in 2017-18 was over £75m, of which £12.7m was from those partly owned by the University.

As a founding partner of SETsquared, the University supports start-ups, encourages student enterprise and help researchers to make their work commercially viable.

Surrey specialises in incubating technology businesses at the Surrey Technology Centre. In 2017-18 the 148 companies supported by the University's incubators employed 444 people and the total turnover was £16.6m.

The S100 Club is the University of Surrey's own angel investment network. A strong relationship with the University and the SETsquared partnership allows the Club unrivalled access to innovative companies and provides the foundation for venture creation, enabling its members to take an active role in tomorrow's success stories. 23 companies pitched at five events in 2017-18 from which the Club leveraged over £3.1m of funding.

148

COMPANIES SUPPORTED
BY SURREY INCUBATION

INCUBATING INNOVATION IN CANCER TREATMENT: TRUEINVIVO

Founded in 2014-15 by Dr Shakar Jafari during her PhD at Surrey, TRUEinvivo Ltd is now a virtual member of the Surrey Incubation Centre. The company makes micro silica glass bead radiation detectors called DoseMapper which are used to improve the accuracy of radiation treatment for cancer.

“

Engagement and partnership with the University enabled both the original IP capture for the business and great support for relevant ongoing research activities. ”

Nigel Biggs,
CEO of TRUEinvivo

The DoseMapper technology could save patients from damage caused by inaccurate treatment and the subsequent health, economic and social costs for the patient, the family and the medical provider. The low cost and low-tech device can be used on about 70 per cent of all solid cancer occurrences and also has potential applications in nuclear decommissioning, animal health, defence and space. In 2018 TRUEinvivo won the Surrey Business Innovation of the Year award.

SURREY BUSINESS SCHOOL AND SURREY INCUBATION

For the last three years, students from the MBA and MSc Entrepreneurship and Innovation programmes at Surrey Business School have worked on consulting and product market research projects with companies supported by Surrey Incubation. Projects have led to the identification of new markets and customers and significant changes for the businesses involved.



SME INNOVATION VOUCHERS

In 2017-18 the University supported 17 small and medium enterprises (SMEs) in the UK through an Innovation Voucher Scheme to the total value of £180,000. The Scheme was designed to promote collaborative innovation between University of Surrey academics and SMEs who may experience financial barriers to growth. The collaborations aimed to address complex challenges, drive product innovation and accelerate business growth.

NVH Global Ltd, an R&D company commercialising innovative, low-cost waste water treatment processes, was one of the SMEs that took part in the Voucher Scheme. Working with Dr Devendra Saroj from the Department of Civil and Environmental Engineering, the collaboration resulted in an innovative product for rejuvenating open sewage drains into clean water streams.

The process will now be applied in India and the Philippines. As part of the work, another innovative and low cost product was developed for treating surface water to potable standards in regions that are not connected the mains.

“

The Voucher scheme allowed us to build a strong, long term relationship with Dr Saroj. The Voucher Scheme is an excellent partnering tool for SMEs. ”

Dr Hannah Simcoe-Read,
Founder and Chief Executive
Officer of NVH Global

¹¹ Full-time equivalent



Reflections



The University of Surrey was founded in 1966, but our roots go back to our establishment in 1891 as Battersea Polytechnic Institute and a late 19th-century concern to provide greater access to further and higher education for the poorer inhabitants of London. Today, we recognise this heritage and our ongoing responsibility as an anchor institution in Guildford.

We are committed to monitoring and addressing our social, economic and environmental impacts and supporting our local community, including our staff, student and alumni communities who live and travel as residents in Guildford. By understanding our impact we can strive to extend it where it is positive, and seek to modify it where it is negative.

Measuring Up 2017-18 has addressed the significant impact we have as a University on a local, national and global scale and presented key updates from the academic year. Highlights include the work of our Widening Participation and Outreach team in raising the aspirations and attainment of students, community projects that have transformed local spaces and the efforts of our staff and student as fundraisers and volunteers at local organisations.

The report has also provided a snapshot of some of the pioneering research activity carried out at Surrey that impacts local,

national and global communities through environmental, educational and health innovations. Last, but by no means least, it has highlighted how we work closely with the local business community to stimulate innovation, employment and economic growth.

The opportunities for creating social, economic and environmental change at Surrey are made possible by our local and global partnerships and the support of our alumni and friends. They enable us to change students' lives, support development in the local and wider economy and research innovative solutions to pressing issues faced by society today.

The impact of the University of Surrey will continue to be observed and evaluated annually in order to understand how we are driving change and advancing our future contribution to society in a socially conscious manner.





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Advancement and Community

UNIVERSITY OF SURREY

Guildford, Surrey GU2 7XH, UK

T: 0800 980 3200/ +44(0)1483 689 905

E: enquiries@surrey.ac.uk

facebook.com/universityofsurrey

twitter: [@uniofsurrey](https://twitter.com/uniofsurrey)

youtube.com/universityofsurrey

Disclaimer

We've made all reasonable efforts to ensure that the information in this publication was correct at the time of going to print in January 2019, but we can't accept any liability for any inaccuracies in the information published, and the information might change from time to time without notice.

For the latest and most up-to-date information, please visit our website at: surrey.ac.uk

