UNIVERSITY OF LIVERPOOL

FROM IDEAS TO IMPACT

ENTERPRISE AND ENTREPRENEURSHIP YEAR IN REVIEW 2023

We are the Original Redbrick

CONTENTS

INTRODUCTION

FROM IDEAS TO IMPACT

Welcome to **From Ideas to Impact**, a year in review detailing the University of Liverpool's recent achievements in Enterprise and Entrepreneurship activities.

The University of Liverpool drives technology transfer generated through its innovative research – investing in academic founders to create spin-out companies and license novel technologies to create impact for a better world.

As our portfolio goes from strength to strength, with 20 spin-out companies formed in the last five years, we take a closer look at how the University is creating a thriving entrepreneurial ecosystem and cluster of high growth companies across the Liverpool City Region (LCR) and beyond.

GLOBAL HEAD
LOCAL HEART

The University brings together some of the world's brightest minds and shapes new products that can make a difference not only in our communities but on a global scale.

We are an active partner of the innovation ecosystem that is rapidly developing in the Region. From funders to tech start-ups, business incubators to public sector leaders, we have a shared ambition to make this region the place where new ideas can thrive.

Through supporting the innovators of today and tomorrow, we are helping to transform ideas into impact. Working in close partnership with the Liverpool City Region Combined Authority, we aim to deliver added value to inventors, investors and partners.

Liverpool and the wider City Region are forging a new future, as a place where ambitious ideas can find the space to grow.

Steve Rotheram, Mayor of the Liverpool City Region said:

"From the moment I was elected Mayor, it has been one of my priorities to cement our reputation as an attractive environment for businesses to invest.

We are already home to world leading clusters in life sciences, gaming, advanced computing, and infectious disease control – but I am never content with resting on our laurels. That is why we will invest 5% of local GVA in R&D by the end of the decade, nearly double the government's own target.

I truly believe that innovation will be the fuel that powers our economy forward and by establishing ourselves as a hotbed of innovation and new technology, we will be ready to attract many more highly skilled, well-paid jobs, businesses and opportunities from around the world."

FOREWORD

PROFESSOR ANTHONY HOLLANDER

PRO-VICE-CHANCELLOR FOR RESEARCH & IMPACT

Every one of us is living through technological change that is more rapid and profound than at any other time in human history.

World-class research forms the bedrock from which new products, services, and approaches emerge that will help society navigate the challenges that we face. From climate change to an aging population, the work of academic experts provides ideas and technologies that will help meet the evolving needs of society.

In a world that is characterised by rapid change, it is vital that we are also agile enough to constantly evolve what we do institutionally to add the most value to the innovation ecosystem in the LCR and UK as a whole.

This has led to a number of changes in the way we work, and we have increased investment to expand our capabilities and funding to establish a greater number of successful spin-outs, aided by external relationships such as those with Northern Gritstone and LYVA Labs. This is supported by the arrival of our new Vice-Chancellor, Professor Tim Jones, who is deeply committed to the University's Innovation agenda and views it as a key strategic priority.

I am the chair of the University's Enterprise Board which oversees the delivery of the University's intellectual property (IP) exploitation activities, stimulates an enterprise culture across the University, maintains connections with all University initiated enterprise activities and reviews delivery against aims. The experienced board combines internal and external professional insight with high-level expertise in key areas of research, IP management and commercialisation, and legal and finance.

In 2023, the University of Liverpool announced the appointment of Sir Peter Rigby as the new Honorary President, Enterprise. A serial entrepreneur, Sir Peter is one of the UK's most respected and successful business leaders, recognised for his contribution to technology and business nationally and internationally.

Sir Peter will work closely with Professor Tim Jones, and the University's Senior Leadership Team to identify opportunities for commercialisation, innovation, and entrepreneurship, harnessing the transformative power of technology to have a positive impact for the university and its community.

This gives us the foundation to deliver a step change in our work which aligns with the wider ambitions of our valued partners across the LCR. This City Region has a history of sparking new ideas that ripple across the world. The University is central to the innovation ecosystem that is emerging, bringing together private and public sector partners to create an inclusive environment in which new ideas can thrive. Innovation is not something that is delivered by individuals working alone – it is a collaborative

process, where different ideas can fuse together to create something entirely new. That collaboration is already well-underway. Plans for a new LCR Life Sciences Investment Zone will create exciting opportunities for spin-out businesses to develop in the City Region. And the University is at the heart of those discussions, with a seat on the new LCR Business and Investment Board which gives businesses and academic voices a direct voice in the Combined Authority's policy-making processes.

Our collective aspiration is clear. We want the LCR to be the best place in the world to start and grow a business.

In the past year, our portfolio has gone from strength to strength. We leapt into **the top 20 of the Octopus Ventures Rankings** that measures universities' success at turning their academic achievements into thriving companies. That achievement makes our institution the highest-ranked university in the North West region.

It was great to see the University's strong performance once again in the **Knowledge Exchange Framework (KEF) 2023 results***, attaining high engagement in IP and Commercialisation. This is testament to the hard work of many colleagues across the institution.

But we remain ambitious to do even more. Our strategy over the next five years, as we reap the benefits of our investment, is to accelerate the pace of innovation and impact.

Professor Anthony Hollander
Pro-Vice-Chancellor for Research & Impact

"I'm delighted to be part of the Enterprise Board - helping the University realise the value and impact from exploiting their novel expertise and knowledge assets. I'm excited to see what the future holds as we work together to put the University and the Enterprise Team on the UK's innovation map."

Alison Campbell, CEO of the UK Government Office for Technology Transfer and member of the Enterprise Board.

"Witnessing the surge of innovative solutions emerging from groundbreaking research at the University is nothing short of inspiring. It has been an honour serving on the Enterprise Board where visionary leadership, diverse expertise, risk capital, and unwavering support come together to empower the brightest startups in tackling the world's pressing problems."

Lisa Layzell, Co-founder and CEO at University spin-out, Robotiz3d Ltd, and member of the Enterprise Board.

"It has been great to observe and be involved in the significant growth in entrepreneurial activity at the University over the years. I look forward to continuing to work with the Board to ensure the University creates even more opportunities for entrepreneurial researchers to take innovations to the marketplace for real-world impact."

Norman Molyneux, Director at KPMG Acceleris and member of the Enterprise Board.

*Led by Research England, KEF is a metrics-driven assessment framework providing a range of information on the knowledge exchange activities of universities in England, and how they work with external partners for the benefit of the economy and society.

ANOTHER YEAR OF GROWTH

EMMA NOLAN, HEAD OF UNIVERSITY OF LIVERPOOL ENTERPRISE

This has been a year of change, growth, collaboration and impact.

The University has launched its strategic framework **Liverpool 2031**, to achieve its long-term goals. The focus of the strategy is on leveraging globally leading research and partnerships to deliver a positive impact on people, our place, and the planet.

The **University's Enterprise Team** works closely with world-leading researchers to create real-world impact, generate income and build partnerships through expertise, knowledge and collaboration.

With the newly expanded team, we supported seven new spin-out opportunities in 2022/23 and invested a total of £1.15 million into new proof of concept and spin-out projects from the University's Enterprise Investment Fund.

Our work has never been more vital or timely. The environment in which we operate is evolving, leading to the creation of new opportunities for academic founders.

MedTech and Bioscience are key priorities for the Enterprise Team, the University, and the LCR. This rapidly growing sector is not merely witnessing growth - it is shaping the future of healthcare delivery, diagnostics and therapeutic interventions bringing social, economic, and health benefits.

The LCR Investment Zone funding has recently been doubled to £160 million, with an extended timeframe reflecting the strategic priority of political leaders. This funding has a specific focus on boosting innovation in the City Region's thriving Life Sciences sector, an area where the University has world-class expertise. Read more about the **University's projects here.**

It is important that we have the skills and capacity to support academic innovators working in the Life Sciences. That is why in 2023 we invested in establishing a MedTech and Bioscience Team, led by Dr Carolyn Horrocks. The new Team brings together experts in areas ranging from drug discovery to digital health with a remit to support MedTech and Bioscience activities across the University.

University of Liverpool Enterprise is embedded within the local and regional start-up environment, which makes us well-positioned to

create the connections that are essential to start and scale a new business. Together with partners such as Sciontec and Sci-Tech Daresbury, we are driving economic growth through support for inspiring ideas, creating partnerships, grant funding and investment.

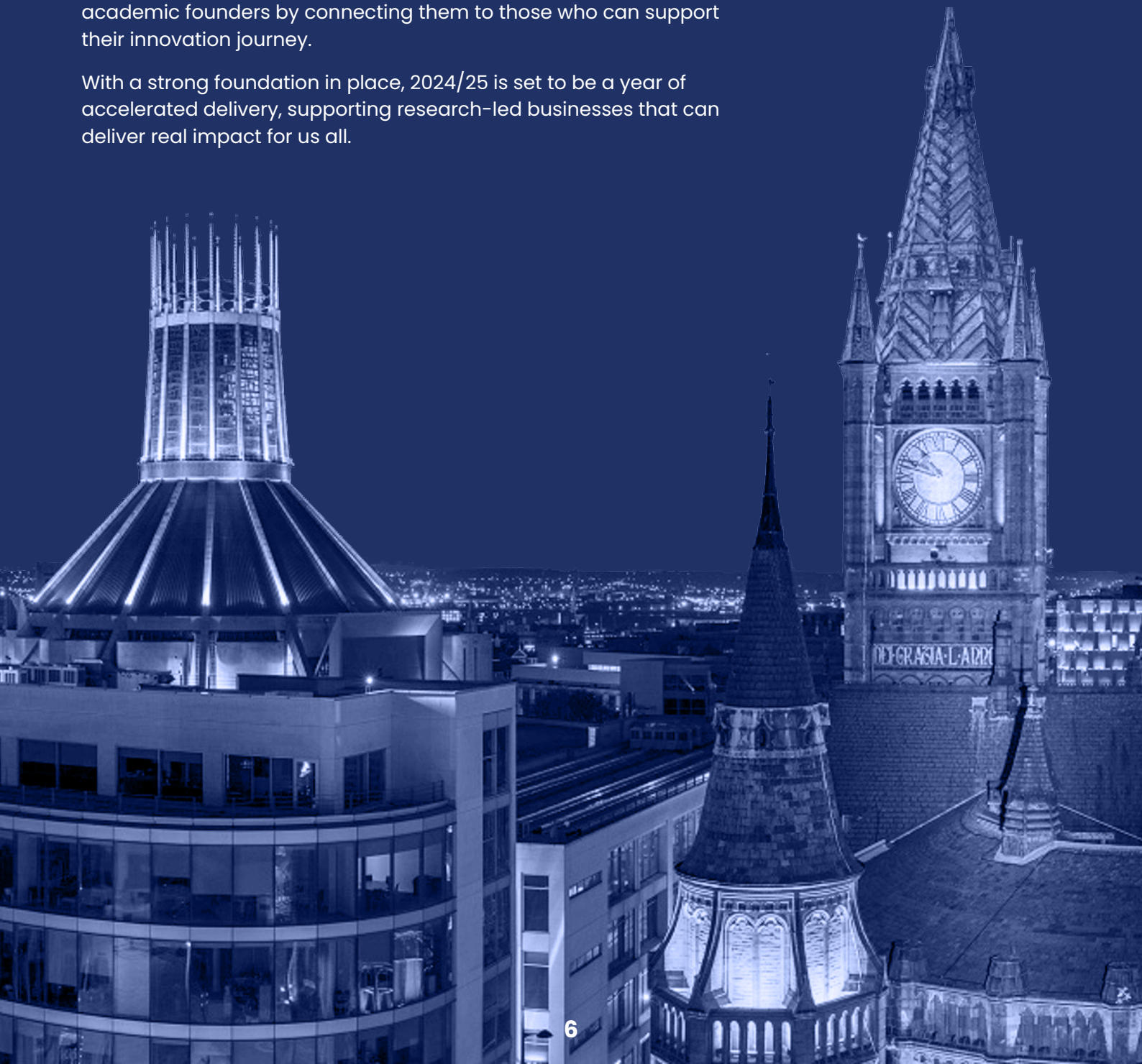
Our focus on collaboration goes beyond the City Region and we are working with other higher education institutions to develop new programmes and best practice models for the sector.

In 2023, the University joined the **Barclays Eagle Labs Ecosystem Partnership Programme.** This collaboration with start-up accelerator **Conception X** and a number of other UK universities will lead to the University of Liverpool hosting activities in the North West.

This programme spans seven months and aims to support hundreds of deep-tech founders and companies with access to training in digital entrepreneurship and investment readiness.

It is just one powerful example of the way our work is adding value to academic founders by connecting them to those who can support their innovation journey.

With a strong foundation in place, 2024/25 is set to be a year of accelerated delivery, supporting research-led businesses that can deliver real impact for us all.



SPIN-OUT CASE STUDY

SENSEAI

Ground-breaking process imaging technology

SenseAI is a ground-breaking innovation developed by world-leading experts in electron microscopy at the University of Liverpool. It is harnessing the power of advanced algorithms and artificial intelligence (AI) to change the way that images are captured and analysed.

A wide range of industries need to understand images – from doctors delivering lifesaving treatments to CCTV providers working to keep the public safe to electron microscopy looking to discover new drugs and therapies.

But they face significant challenges. Modern imaging devices are increasingly sophisticated but they also generate a deluge of data and require significant user expertise as well as IT resources to process and utilise the information. That is where AI can help. By integrating AI into every step of the imaging process users can quickly capture images and understand precisely what is being shown.

The innovation works by generating the same high-quality images but using less data. In fact, SenseAI's proprietary technology can generate the same high-quality images and video feeds with up to 100x less data. This is not only less expensive, but also much quicker. In an area like medical imaging that is not simply more convenient for patients. It also allows faster treatments, potentially saving lives. There are a host of other uses too across industry. In electron microscopy, a lower dose means that the delicate samples are also not damaged by the beam itself, resulting in better, faster research.

SenseAI's cutting-edge 'compressive sensing' software massively speeds up imaging of all kinds in many industries – electron microscopy, medical imaging, satellites, CCTV, and more. This can revolutionise the way we process imaging, saving time and money.

Department: **School of Engineering**

Lead Researcher: **Prof Nigel Browning**

Company: **senseai.vision/about/**

SPIN-OUT CASE STUDY

OCUWELL

Revolutionising Corneal Care

More than 850 million people worldwide suffer from corneal disorders. This leads to an estimated 36 million cases of blindness and 217 million cases of moderate to severe visual impairment.

Corneal disorders are a catch-all term that covers conditions including myopia, astigmatism, keratoconus, dry eyes, cataracts, and corneal dystrophies.

Finding ways to diagnose and treat these conditions usually needs something called a "corneal topography device."

The problem is that these devices are expensive and not always available where they are needed and require travel to specialised clinics. Additionally, they are not available to children, bedridden, and psychiatric patients.

This delays treatment and leads to loss of sight for millions. Globally, over 80% of optometry clinics and more than 40% of specialised tertiary clinics do not have these devices. That means 28% of patients with corneal diseases remain undiagnosed. Worse still, it leads to missed opportunities for early treatment that could prevent sight loss. In many parts of the world, over 60% of newly diagnosed cases are classified as "severe" at the first presentation.

New University of Liverpool spin-out OCUWELL aims to address these challenges and bring about global health equality in eye care. It has developed an affordable, portable corneal topography device that has been demonstrated to perform equivalent to gold standard. OCUWELL's technology provides precise, cloud-based, point-of-care assessments and management of corneal conditions at a fraction of the cost of existing devices. By addressing health inequalities in developing countries, improving access to rapid diagnostic excellence and progression monitoring, OCUWELL is on a mission to transform the delivery of eye care worldwide.

With £1.45M of grant funding to date and £165k of match-funding support from the University of Liverpool, OCUWELL is now progressing with the necessary regulatory approvals to allow its sight saving approach to be brought to market via partnerships.

Department: **School of Engineering**

Lead Researcher: **Prof Ahmed Elsheikh**

Company: **ocuwell.com/technology**

SPIN-OUT CASE STUDY

SULANTRIX

Unlocking the Full Potential of Cancer Treatment

One of the major hurdles that cancer treatments often face is the complex nature of the disease.

This is because tumour cells rewire themselves extensively to evade the normal control processes in the body that regulate their growth and spread, making it essential to target the mechanisms allowing this aberrant behaviour.

That is what University of Liverpool spin-out Sulantrix is doing.

Sulantrix (pseu-lan-tricks), is a ground-breaking biotech company that span out from the University of Liverpool in 2022. The business is working on new medicines for patients suffering from tumours where treatment options aren't available or where existing medicines have stopped working.

Led by Pharma industry veteran David Williams and Prof Patrick Eyers, Professor of Cell Signalling and Head of Department of Biochemistry, Cell and Systems Biology at the Institute of Systems, Molecular and Integrative Biology, the Sulantrix team is exploring innovative medicines targeting cancer, focusing on a class of proteins known as pseudokinases.

Dysregulated protein kinases are known to play a role in a variety of diseases and are the targets of many clinical drugs. Pseudokinases resemble protein kinases, but they do not possess the same catalytic activity. Instead, they have evolved a higher function allowing cells to change their internal circuitry to cause disease or counter the benefit of current medicines. Sulantrix is particularly focused on unlocking the therapeutic potential of pseudokinases, interfering with their roles in the most challenging cancers.

Leveraging decades of extensive biological and clinical knowledge in the field of protein kinases, Sulantrix is employing cutting-edge technologies, including multi-omics high-content screening platforms and AI-based tools, to create totally new classes of cancer-fighting drugs which will be essential parts of the armoury used in future tumour therapy and give a major benefit to patients.

The work so far performed at Sulantrix, suggests that it is a company poised to make a significant impact in creating effective oncology treatments for challenging cancers such as triple-negative breast, prostate, colorectal, lung, head/neck, and ovarian cancers, along with drug-resistant leukaemia.

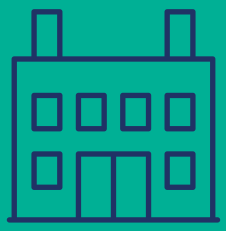
Department: **Institute of Systems, Molecular and Integrative Biology**

Lead Researcher: **Prof Patrick Eyers**

Company: **sulantrix.com/**

2022/23

YEAR IN REVIEW ENTERPRISE



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Number of spin-outs formed in the last 5 years

£4.9m

IP-related income to the University

(HE-BCI in 2022/23)

115

Number of jobs created

(HE-BCI in 2022/23)

£13m

Industry, grant and translational funding secured for projects in our pipeline (2022/23)

£4.3m

University Enterprise Investment funding invested since 2018*

£24m

Leveraged investment, industry or grant funding into spin-out companies/ the University in a 5-year period**

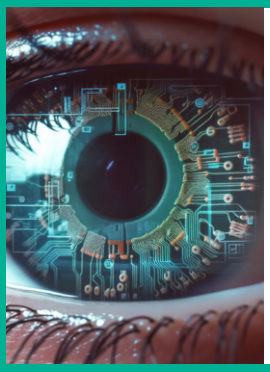
* Committed from the Enterprise Investment Fund (EIF) since 2018 which, to date has resulted in £24 million of investment, industry and grant funding into spin-out companies or the University.

2022/23

SPIN-OUT SUCCESSES

In 2022/23, the University of Liverpool supported seven new spin-out companies that have been built on a foundation of world-class research and development. These new businesses are poised to deliver enormous economic and societal benefits.

Spin-outs supported this year include:



AI SIGHT

A novel artificial intelligence (AI) solution to reduce vision loss for people with diabetes.

ATOMIK ADVANCED MANUFACTURING

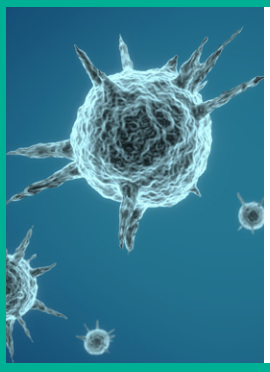
Delivering agile manufacturing for a more sustainable future.

INTELLEGRI

Building a cloud-based software platform to help insurance companies, lenders, and their customers.

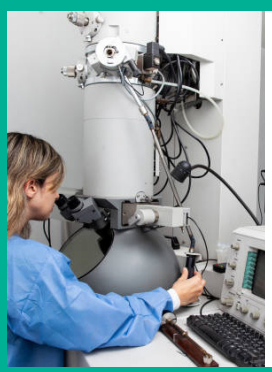
PLASMA2X

Offering a plasma and electrocatalysis process that enables environmentally sustainable production of ammonia from air and water.



PLASMA FRESH

Developing retrofitted cold plasma innovations that can increase hygiene levels while reducing energy, production line downtime, and cost.



SENSEAI INNOVATIONS

Improving imaging capabilities through state-of-the-art algorithms.

TROPHICELL

Developing a revolutionary approach to harness the therapeutic potential of adult Mesenchymal Stem Cells.

OPERATING CONTEXT

Government's Independent Review of University Spin-out Companies

The UK Government published an **independent review of university spin-out companies** exploring the state and potential of the UK's spin-out landscape. It aims to propel the country toward becoming a "science and technology superpower." The review recognizes the UK's success in spin-outs, noting a five-fold increase in investment from £1.06 billion in 2014 to £5.3 billion in 2021. This is second only to the US. However, it calls for a more ambitious vision, emphasising the need for a world-class centre of spin-out companies surpassing the model of Silicon Valley.

Key recommendations include defining equitable stakes and fostering entrepreneurship culture in universities. The report addresses the multifaceted challenges in the spin-out process, including the time taken to spin-out, equity negotiations, and differing approaches to IP ownership. It emphasises streamlining processes, aligning with industry standards, and ensuring an environment conducive to rapid spin-out creation, reflecting a broader vision for a thriving spin-out ecosystem in the UK.

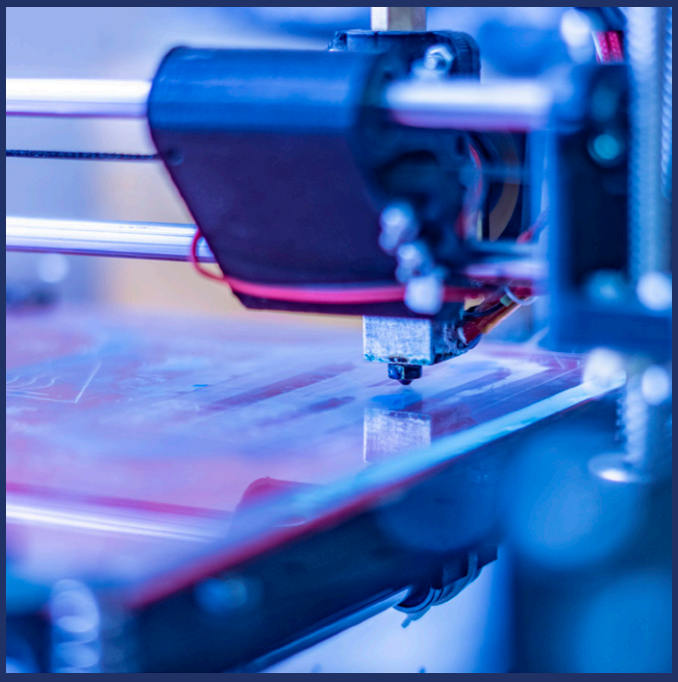
The University anticipated the recommendations and during 2023/24 undertook a consultation process to review its IP and equity sharing policy and spin-out guidelines.

Since the University continuously looks at ways to build on good practice, we welcome the report and are in the process of reviewing it closely to identify opportunities to increase the impact of this important area of our work.

Licensing

A key aim of the Enterprise Team over the next year is to increase industry engagement, secure funding into the University and build links with sector experts.

In pursuit of this aim, in 2022/23 the Team helped to secure industry, grant, and translational funding worth just under £15 million into the University.



Collaboration

The University of Liverpool is working with leading institutions from across the UK.

We've partnered on two successful Research England Connecting Capabilities Fund collaborative programmes, the **Lancaster University-led Northwest Cybersecurity Connect for Commercialisation** (£1.2 million) and the **Imperial College-led AI SuperConnector** (£1.4 million). These programmes are the precursor to closer collaboration and strengthened partnership working between the University, local universities, and innovation collaborators such as LyvaLabs and Sciontec.

In late 2023, the University was named one of five regional partners, and the North West lead, on the **Digital Growth Deeptech Start-up Ecosystem programme**. This programme is funded by Barclays Eagle Labs and led by **Conception X**, one of the UK's leading deeptech accelerator programmes. The programme is providing a total of £500k to support deeptech entrepreneurship within regions of 'untapped' potential through a combination of training and mentoring workshops, community building, and networking events.

ECOSYSTEM DEVELOPMENT

Creating investible founders, training, coaching and mentoring.

Future Founders

Future Founders is a pioneering programme designed by the University of Liverpool to provide ongoing professional training and bespoke coaching that can help researchers make the transition from the academic to the start-up environment. In 2022/23, we delivered a successful 2nd cohort of Future Founders with a range of external expert-led masterclasses covering subjects including legal and governance issues, investor relations, sales and marketing, change management, and leadership.

"The programme has been a brilliant opportunity to understand business processes when coming from a lab background. It has been great to learn how to transition my thought process from innovating science to understanding customers and how it can impact a wider customer market."

Dr Mike Craven, Future Founders alumnus and Postdoctoral Research Associate, Department of Electrical Engineering and Electronics.

ICURe

UKRI Innovate UK powered 'Innovation-to-Commercialisation of University Research' (ICURe) is the UK's leading early-stage research accelerator programme. It guides researchers through the process of refining and validating the commercial potential for some of the world's leading-edge science, technology, and knowledge assets.

The University partners with other universities in the North by Northwest (NxNW) consortium. This collaboration manages different phases of the ICURe programme: ICURe Engage, ICURe Discover, ICURe Explore, and ICURe Exploit for Innovate UK. The University actively supports academics interested in starting their own ventures to access pre-accelerator programmes such as ICURe.

This teamwork enables universities to share networks and expertise, continually enhancing the ICURe programme. As a result of participation in these programmes, the University has obtained £2.5 million in follow-on funding from Innovate UK for its spin-out companies (CageCapture; SenseAI; ReNewVax; Phenutest; PlasmaFresh; Plasma2X and ThioTech) through ICURe to date.

"ICURe is a brilliant program designed very specifically to help young academics turn their research into commercialise products with high success rate. It helped us find the best management team to take our project forward. Innovate UK's and the University's support has enabled PhenUtest to pursue the development of the fastest point-of-care diagnostics for Urinary Tract Infections."

Dr Srijan Jindal, ICURe alumnus and Chief Scientific Officer, PhenUtest Diagnostics.

Entrepreneur Coach in Residence

Donna Bradshaw, coaching psychologist, and founder of Prospect Business Consulting **joined the Enterprise Team in 2023** as the first Entrepreneur Coach in Residence.

Supported through the University's Higher Education Innovation Fund, the 1-1 coaching Donna provides directly supports founders as they make the transition from academia to industry. This is designed to unlock the potential that individuals hold and provide clarity on sequencing priorities, building a team, finding time, staying motivated, and dealing with the highs and lows of entrepreneurship.

SUPPORTING STUDENTS

An important function of the University of Liverpool is to support the innovators of tomorrow through engagement with students and recent graduates.

The **Careers and Employability Department**, through the Start-up and Entrepreneurship Team, supports students and recent graduates in creating, growing, and sustaining start-up businesses.

The Team plays a crucial role in enhancing entrepreneurship skills and graduate employability, with a focus on industry expert delivery and real-world application.

One of the Team's most impactful interventions is the 10-week Design Your Future programme. This programme offers participants workshops, specialist advice, and financial support to help move innovative projects forward. In 2023, 227 students and recent graduates participated in the programme to gain enterprise skills and begin their entrepreneurial journey.

The programme culminates in the 'Design Your Future Pitching Competition', where participants submit pre-recorded pitches for review. Nine finalists were shortlisted and invited to pitch live, with £10,000 awarded to the successful finalist, giving them the resources to kickstart their business concept.

The Start-up & Entrepreneurship team also provided financial support via the Enterprise Fund, which supports successful University of Liverpool students and graduates in developing early-stage business ideas. In 2023, over £55,000 was allocated from the Enterprise Fund, directly supporting 28 student and graduate start-ups.

Peer support also plays a critical role in building the networks, skills, and confidence to move into a commercial environment. Students & graduates have access to the Green Room, an online community for entrepreneurial individuals, which has grown to a membership of almost 500 members.

The Green Room is used for networking, sharing opportunities, and creating connections that can lead to new collaborative projects. Alongside this online resource, face-to-face Enterprise Monthly Meetups took place in 2023, hosted by Brett Centre. Featuring guest speakers and covering diverse themes, these events attracted over 540 attendees during the year.

These initiatives highlight the University's commitment to nurturing entrepreneurship and supporting students and graduates in beginning their enterprise journeys. They are helping to create a culture across the institution that foregrounds the opportunities to develop and commercialise ground-breaking new ideas.

STUDENT START-UP CASE STUDY

ENTURI

Ground-breaking portable wind-powered distributed energy system

Climate change is one of the biggest challenges that humanity faces. That means that developing transformative technologies that can support the net-zero transition is one of the biggest economic opportunities.

Enturi is a new company that is seeking to establish itself in this market, delivering economic and environmental benefits.

The Liverpool City Region-based start-up has developed a ground-breaking portable wind-powered distributed energy system that is set to deliver significant contributions towards a lower carbon future. Co-founded by former University of Liverpool student, Alex Shakeshaft, Enturi is focused on rapidly deploying and generating accessible off-grid green energy supplies with a particular focus on the maritime industry.

Enturi's pioneering and patented turbines are integrated into portable, decentralised energy storage vessels, supported by a secure IoT system for data visibility and interoperability.

The solution could be transformative for the maritime industry which often requires power in areas that are not supported by existing grid infrastructure. These next-generation wind energy systems are an off-grid solution that generates and stores renewable energy - serving as a charging hub for electric vehicles, lighting systems, and powering light industrial processes.

With the capacity to generate >£60,000 of clean energy annually per 10-turbine system, Enturi is not just a game-changer for energy cost reduction but also a significant contributor to reducing carbon emissions, mitigating >80,000kg of CO_2e per system per annum by transitioning energy use away from the fossil fuel mix of the national grid to locally generated clean energy.

Enturi's vision to diversify green energy supplies aligns with Sustainable Development Goals (SDGs), addressing not only the urgent need for cleaner energy but also providing a roadmap for industries looking to embrace sustainability.

Co-founder and CEO: Alex Shakeshaft. *BEng Aerospace Engineering with Pilot Studies (2020), MSc Masters in Management (2021), and Royal Academy of Engineering Enterprise Fellow (2023).*

Company: enturi.co.uk

MEET OUR ENTERPRISE TEAM

Emma Nolan

Head of the Enterprise Team

Dr Carolyn Horrocks

Head of Enterprise (Health)

Dr Sarah Brumskill

Senior Enterprise Manager (Health)

Institute support: Institute of Systems, Molecular and Integrative Biology

Dr Tansi Khodai

Senior Enterprise Manager (Health)

Institute support: Institute of Life Course and Medical Sciences

Dr Nicolas Nunn

Associate Enterprise Manager (Health)

Institute support: Institute of Infection, Veterinary and Ecological Sciences

Dr Zining Wang

Senior Enterprise Manager (Digital & Data)

Institute support: Institute of Population Health

Dr Thomas Pugh

Senior Enterprise Manager (Chemistry and Advanced Materials)

Charlotte Relf

Senior Enterprise Manager (Science and Engineering)

Dr Michal Filus

Enterprise and Entrepreneurship Manager

Cijo Varghese

Assistant IP Manager

Danielle Main

Legal & IP Associate

Debbie Yates

Office Administrator

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Research, Partnerships and Innovation

For enquiries related to student start-up and entrepreneurship, contact the **Careers and Employability Department.**