

# Resilience, Sustainability & Inclusive Growth



**TUS**

Ollscoil Teicneolaíochta na Sionainne  
Lár Tíre, An tIarthar Láir  
Technological University of the Shannon  
Midlands Midwest

## Aim

Our Research, Development and Innovation (RDI) strategy aims to produce impactful applied research, grow our ecosystem and research community, support knowledge transfer and innovative entrepreneurship, engage in next-generation thinking and develop transnational solutions to regional, national and global challenges.

## Strategic Goals

01

**Sustainably grow RDI activities through embedding a pioneering research culture to enhance capacity, capability, support research activity and increase research output and impact.**

02

**Strengthen key research priorities aligned to regional smart specialisations, through investment in our research ecosystem.**

- Advanced Manufacturing & Materials Engineering
- Biotechnology, Bioeconomy, Lifesciences, Health & Food
- ICT, Digitalisation, Design Thinking & Creative Technologies
- Sustainable Development, Climate Action, Energy & Environment
- Social Sciences, Entrepreneurship & Innovation

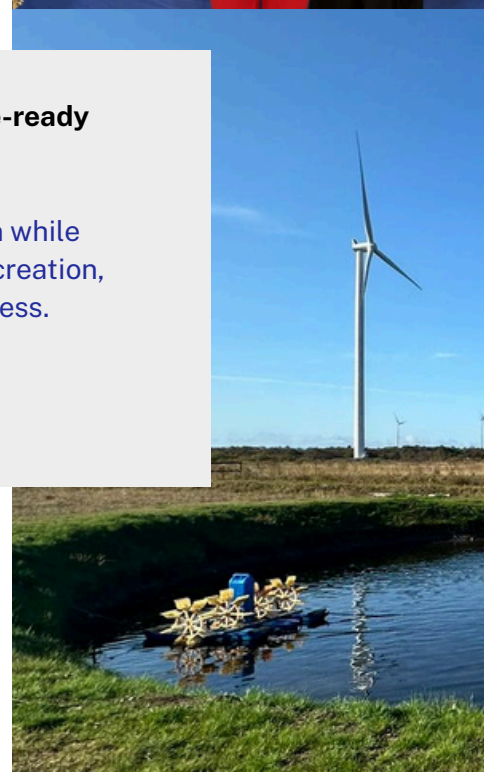


03

**Enhance innovation and entrepreneurship by developing future-ready researchers, students, and enterprises.**

Strengthen internal capacity for innovation and venture creation while advancing a dynamic external environment that drives start-up creation, scaling success, regional development, and global competitiveness.

Advance the mission of TUS to increase impact, building on the objectives of the TUS strategic plan.



RDI is embedded in Technological University of the Shannon's faculties, disciplines, and encompasses regional smart specialisations. TUS hosts seven dedicated research institutes, four Technology Gateways, four campus incubation & acceleration centres, two industry clusters and many more research centres and groups.

Our current and future knowledge base is built on research, innovation, knowledge transfer, education, and engagement with society. By fostering long-term resilience, we will drive innovation, competitiveness and employment across industry, enterprise, and community organisations. Through the dissemination of knowledge and the transformation of ideas into businesses, we will deliver global impact, create value, and develop innovative solutions that benefit both the economy and society.

To deliver on our ambitious goals, TUS has established a clear set of objectives, with measurable targets and key performance indicators (KPIs). These ensure progress is tracked, impact is demonstrated, and resources are aligned effectively, allowing the university to translate strategic intent into tangible outcomes and sustained research excellence.

## KPIs 2025- 2029

€100M

in Research  
Contracts



x2

Research  
Publications,  
Outputs &  
Disseminations



x2

Knowledge  
Transfer  
Outputs



30%

Increase  
Spin-ins



20%

Increase in  
Research  
Active Staff

33%

Increase in  
Industrial  
Agreements



1,000

Participants in Entrepreneur & Innovation  
Development Programmes



20%

Increase in  
Postgraduate  
Research Student  
Enrolments

25%

Increase in  
Postgraduate Research  
Students Reporting a  
Positive Experience



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The urgency to address global challenges has never been greater in a world marked by ongoing, intersectional disruptions and growing geopolitical uncertainty. To secure a sustainable and inclusive future — for both society and the planet — we must act decisively and collaboratively. Long-term resilience is essential — not to withstand disruption, but to adapt and grow through it.

Technological University of the Shannon will navigate complexity and create lasting impact by fully leveraging the TUS Research, Development, and Innovation Strategy 2025 - 2029.

**The following steps outline how we will strengthen resilience to ensure a better future for society and our world.**



## Research Ecosystem

Grow a dynamic, responsive, and agile research ecosystem that combines a broad regional focus with a global orientation.



## Sustainable Finance

Leverage internal and external financial frameworks to support diverse research, innovation and enterprise funding.



## Graduate Researchers

Harness our graduate school model and quality assurance to ensure research excellence enabling a seamless process interface with faculties.



## Internationalisation

Enhance researcher mobility and intercultural engagement through strong international alliances, including the Regional University Network - European University (RUN-EU).



## Knowledge Transfer

Maximise the impact, value and return from our research activities by identifying, developing and protecting new technologies and commercialising them through licencing and establishing new spin-out companies.



## Successful Organisation

Develop a strong organisational structure to build research expertise, ambition, capacity and scale in partnership with our internal and external stakeholders.



## Entrepreneurial Development

Build an entrepreneurship ecosystem that supports the creation and scaling of new ventures through targeted development programmes and enterprise engagement.



## Open Knowledge

Foster impactful partnerships that drive innovation by building open and applied knowledge transfer and exchange across academic, enterprise, and community initiatives.



[www.tus.ie/rdi/strategy/](http://www.tus.ie/rdi/strategy/)



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