

Lead knowledge creation, innovation and translation



Impact Pathway 2

Our research environment including our people, our culture and our infrastructure, nurtures and enables new discoveries and research excellence, while also building on our entrepreneurial spirit and strong partnership ethos for research translation and impact.

Impact Pathway 2.1

Be a collaborative research environment that supports diverse areas of immense potential.

Objective Description

Leverage our global reputation for research excellence to create a virtuous cycle whereby our recruitment practices, mentoring, and research support enables research that solves complex current societal challenges by building on our deep discovery research.

We will achieve this by drawing on the incredible depth and breadth of our current research underpinned by the calibre of our people.

Flagship Initiatives

UNSW 'Missions' – These would be proactive / proposals for partnerships, designed to attract co-investment e.g. Trailblazers They are cross disciplinary, focused on SI Focus Areas.

Intentionally recruit and design support environment to create and nurture (over a long period) a small number of "PERC solar cell" projects that focus on new materials/methods a decade before other groups, in areas with massive potential impact.

Impact Pathway 2.2

Enhance our research capacity and capability to ensure a strong research culture that fosters research excellence.

Objective Description

We recognise that research success comes from the excellent, world leading researchers who are attracted to working at UNSW.

We will support our researchers to become research leaders. We will provide sector-leading mentorship and career pathways, with global experiences and immersions.

We will sustain a pipeline of excellent fundamental and impactful research using a strategic balance between funding sources and investment from UNSW and its partners.

Flagship Initiatives

Building on the success of the Scientia Fellows and PhD schemes, develop programs to support a culture that brings all of UNSW up to best practice and drives external support for research.

Provide EMCRs with best-practice career development opportunities, such as collaborating with the world's best researchers, to position them as world class researchers.

Impact Pathway 2.3

Amplify and celebrate the UNSW entrepreneurial spirit through our programs and deep connections with partners for successful research translation and commercialisation.

Objective Description

UNSW has a strong reputation for its entrepreneurship and innovative culture, which will continue to be our distinctive asset.

We will significantly scale our research translation outputs including our deep partnerships with existing collaborators, the number of staff spinout companies we support, in addition to expanding our UNSW Founders program and Entrepreneurial Campus.

We will achieve this by providing the resources and expertise required to take great ideas and deliver innovative solutions to societal challenges.

Flagship Initiatives

Build the New Venture team as strong as the most entrepreneurial countries in world backed by access to resources and funding.

Impact Pathway 2.4

Scale up the shared critical research infrastructure (digital and physical) and support ecosystem.

Objective Description

From our pilot facilities like SIRF to our shared facilities such as MWAC, ANFF and ResTech, our research infrastructure ecosystem is a strength and distinctive feature of the UNSW research environment. It is a UNSW superpower. We will continue to embed this ecosystem in collaboration with key partners, enhancing the ways all our facilities can be accessed across the university and supported by technical experts.

This investment will be in both our digital and physical research infrastructure, across the priority areas of the strategy.



Scan me to share your thoughts on Impact Pathway 2!

This content is draft for feedback. None of the initiatives are confirmed and the purpose of Strategy Expo is to test the ideas.