2025 UTS Key Technology Partnerships (KTP) Programs Application form

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Introduction

UTS established two programs to promote collaboration with its international strategic partner universities: the Key Technology Partners (KTPs).

KTP Visiting Fellow Program funds UTS staff to invite their KTP counterparts to travel to Sydney to progress mutually beneficial projects/initiatives. Visits last from two to four weeks.

KTP Seed Funding Scheme supports collaborative projects between UTS staff and their KTP counterparts, in categories different to travel.

Both programs aim to foster sustainable relationships and support scalable joint projects that tackle global environmental, economic and social challenges.

Eligible institutions

Joint activity proposals in collaboration with counterparts from the following UTS Key Technology Partner universities are eligible:

- Indian Institute of Technology Madras (IITM)
- Pontifical Catholic University of Chile (UC I Chile)
- Shanghai University (SHU)*
- Technical University of Berlin (TUB)
- University of Arizona (UA)

* Please note: Collaborative projects and visits with Shanghai University will be considered only if they align with one of the following priority areas:

Creative Industries – as outlined in the UTS Creative Industries Strategy.

Environmental Engineering / Sustainability.

Funding Focus Areas

KTP funding supports collaborative projects and visits that aim to achieve mutually beneficial outcomes in:

- Research and research training: e.g., joint publications, involvement of PhD students, likelihood of competitive grant application, policy impact, research translation, end-user engagement.
- Teaching and learning: e.g., joint program development/delivery, innovative teaching methodology, attracting new cohorts of students, significantly enhancing accessibility for diverse student cohorts.
- Enterprise and innovation: e.g., patents and inventions, commercial products, licences and revenue, new companies such as spin offs, start-ups or joint ventures, industry/government/community partnerships, opportunities to offer micro-credential courses.

Application submission

UTS staff must submit the application form and prepare the content before submission with their collaborator.

Funding details

UTS and the Key Technology Partners jointly fund successful proposals. Reviewers from both universities assess applications together and decide which institution will cover each budget item.

Preference will be given to applications which include PhD students, Early and Mid-Career Researchers (EMCRs). Projects which are multidisciplinary in nature are encouraged. Preference is also given to applications involving new collaborations.

Privacy notice: This online application form has been developed by the Global Strategic Partnerships team at the University of Technology Sydney (UTS). Information is being collected for the purpose of assessing the applications for the UTS Key Technology Partnerships Seed Funding Scheme & Visiting Fellow Program. The information collected will be stored on behalf of UTS by Qualtrics and extracted for use by UTS and the collaborator's institution. Any personal information will not otherwise be disclosed unless you have provided express consent, or where required or permitted by law. Further information on privacy can also be found in the Qualtrics privacy statement. If you wish to access the information held about you in relation to this application or withdraw the application, please contact the Global Partnerships team.

☐ I have read the Privacy notice and shared this information with my collaborator(s).

. Which KTP program are you applying for?
Please note that if you are seeking funding to travel to one of these Key Technology Partners, you need to apply via their programs. For more information, please visit this website.

○ Seed Funding Scheme

○ Visiting Fellow Program

. Program guidelines

☐ I have read the 2025 Seed Funding Scheme (link) guidelines and shared this information with my collaborator(s).

. Program guidelines

☐ I have read the 2025 Visiting Fellow Program guidelines (link) and shared this information with the collaborator(s).

. Please select the area(s) that your proposal is relate to (you may select more than one).

☐ Research and research training

☐ Teaching and learning

☐ Enterprise and innovation

UTS STAFF DETAILS

. UTS STAFF DETAILS

. Title (e.g. Mr, Ms, Dr, Associate Professor, Professor, Distinguished Professor)

[ ]

. Full name (First and Last name)

[ ]

. Gender

○ Female

○ Male

○ Non-binary/other

. Position title

[ ]

. UTS Faculty or Institute (e.g. ISF, IPPG)

[ ]

. Work email

[   ]

. Mobile / Work phone

[   ]

. If you are an academic, at what stage of your academic career would you classify yourself:

◯ Early Career Researcher (A researcher who has held a PhD or equivalent qualification for a period less than or equal to five years)

◯ Mid-Career Researcher (A researcher with between 5 and 15 years' research experience since the award of a PhD or equivalent qualification)

◯ Senior Academic

. Are you employed on an ongoing role with the intention to remain at UTS?
(Please note that applicants who are retiring or whose contracts are coming to an end within the next two years are not eligible to apply. This ensures the collaboration is sustainable in the long term.)

◯ Yes

◯ No

. Have you previously participated in the UTS KTP Visiting Fellow Program or Seed Funding Scheme?

◯ Yes

◯ No

. Please articulate below how this funding will help you achieve significant results. e.g., access to external funding, commercialisation of research, joint program development.

[   ]

KTP COLLABORATOR'S DETAILS

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KTP COLLABORATOR DETAILS

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Please select the name of the UTS Key Technology Partner university where your collaborator works:

◯ Indian Institute of Technology Madras (IITM)

◯ Pontifical Catholic University of Chile (UC I Chile)

◯ Shanghai University (SHU)

◯ TU Berlin (TUB)

◯ University of Arizona (UA)

. Please note:

Shanghai University collaborative projects and visits will only be eligible for assessment if they align with one of the following priority areas:

Creative Industries – as outlined in the UTS Creative Industries Strategy.

Environmental engineering/ Sustainability.

. Does the project belong to one or more of the following categories? Category 0 - Nuclear materials

Category 1 - Materials, chemical, micro-organisms and toxins Category 2 - Materials processing
Category 3 - Electronics Category 4 - Computers
Category 5 - Telecommunications and 'information security' Category 6 - Sensors and lasers
Category 7 - Navigation and avionics Category 8 - Marine
Category 9 - Aerospace and propulsion

○ Yes
○ No

. Which category or categories does it fall under? (Select all that apply)

○ Category 0 - Nuclear materials

○ Category 1 - Materials, chemical, micro-organisms and toxins

○ Category 2 - Materials processing

○ Category 3 - Electronics

○ Category 4 - Computers

○ Category 5 - Telecommunications and 'information security'

○ Category 6 - Sensors and lasers

○ Category 7 - Navigation and avionics

○ Category 8 - Marine

○ Category 9 - Aerospace and propulsion

. Please use the below Technology Readiness Level (TRL) definitions to answer the question below:

TRL 1 – Basic Research: The project aims to simply gather more knowledge. It is not about solving a specific problem.

TRL 2 – Applied Research: The project is an analytical study aimed at finding information that supports an analysis of an identified concept, with an emphasis on understanding the science better. Any experimental work is designed to corroborate basic scientific observations.

TRL 3 - Critical Function or Proof of Concept Established: The project aims to conduct experimental work to verify that a concept works as expected. An attempt a Components of the technology are validated, but there is no strong attempt to integrate the components into a complete system. Modelling and simulation may be used to complement physical experiments.

TRL 4 - Laboratory Testing/Validation of Alpha Prototype Component/Process: The project aims to determine whether the individual components will work together as a system. Results provide evidence that applicable component/process performance targets may be attainable based on projected or modelled systems.

TRL 5 - Laboratory Testing of Integrated/Semi-Integrated System: The project aims to demonstrate that the system/prototype developed is likely to succeed in a real world application.

TRL 6 - 7 Prototype System Verified/ Integrated Pilot System Demonstrated: The project aims to test the system/prototype in a relevant environment. Further analysis focuses on if the system/prototype can be achieved at scale (i.e. potential manufacturing issues).

TRL 8 - 9 System Incorporated in Commercial Design/ System Proven and Ready for Full Commercial Deployment: The project aims to conduct a pre-commercial demonstration or is ready for commercialisation.

Do any of these projects within the relevant categories have an applicable TRL of TRL 3 or above?

○ Yes
○ No

. Will the outcomes of this project have restrictions on disclosure due to national security or defence concerns (For Australia or any other foreign country)?

○ Yes
○ No

. KTP COLLABORATOR DETAILS

. Title (e.g Mr, Ms, Dr, Associate Professor, Professor, Distinguished Professor)

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. Full name (First and Last name)

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. Gender

○ Female
○ Male
○ Non-binary/other

. Position title

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. Faculty, College or School

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. Work email

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. Mobile / Work phone

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. If your collaborator is an academic, at what stage of their academic career are they?

○ Early Career Researcher (A researcher who has held a PhD or equivalent qualification for a period less than or equal to five years)

○ Mid-Career Researcher (A researcher with between 5 and 15 years' research experience since the award of a PhD or equivalent qualification)

○ Senior Academic

. Please provide a link to the academic profile of your collaborator

[text box]

. Is your collaborator employed on an ongoing role with the intention to remain at the KTP?
(Please note that applicants who are retiring or whose contracts are coming to an end within the next two years are not eligible to apply. This ensures the collaboration is sustainable in the long term.)

○ Yes

○ No

. Has your KTP collaborator previously participated in the UTS Key Technology Partnerships Visiting Fellow Program or Seed Funding Scheme?

○ Yes

○ No

. Please articulate below how this funding will help you achieve significant results. e.g., access to external funding, commercialisation of research, joint program development.

[text box]

PROJECT DETAILS

. PROJECT DETAILS

Please note: Projects that involve one or more of the below require Ethics approval:

- Research with or about people, or their data/information or tissue
- Research or teaching involving animals (including observational studies)
- Research or teaching involving GMOs, PC2 pathogens or ionising radiation

Further information can be found on the Research Ethics and Integrity page.

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Project Title

[text box]

. Please enter proposed visit dates at UTS. The visit duration must be between 2-4 weeks and latest possible departure date is 15 December 2025, as UTS closes between Christmas and New Year.

Arrival date to Sydney (day/month/year)

Departure date from Sydney (day/month/year) N.B. no later than 15 December 2025

Total number of days

. Please enter the funding you are requesting for each budget item. The total budget must not exceed A$10,000. Funding must be spent by 15 December 2025.

Flights (return economy by reasonable route)

Accommodation ($250 average per night)

Living expenses ($100 for meals average per day)

Optional catering costs for seminars (max $500)

TOTAL (up to A$10,000)

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FUNDING CATEGORIES

Please note: Funding arrangements differ for each Key Technology Partner. International transfers of funds are restricted.
Please tick the activity or activities for which you are seeking support. You may select multiple options.

- [ ] Joint virtual events (conference, workshop, webinar, forum, symposium)
- [ ] Data collection
- [ ] Publication support/ Literary review
- [ ] Generation of preliminary data
- [ ] Experiments to develop proof of concept
- [ ] Initiatives that promote the development of industry and government linkages
- [ ] Initiatives that may lead to external funding applications
- [ ] Access to necessary software
- [ ] External project website or other multimedia production and development
- [ ] Development and implementation of survey instruments
- [ ] Access to online databases
- [ ] Consumable equipment costs for the sole use of the project such as primers, probes, reagents, pipettes etc. Equipment (up to $5,000)
- [ ] Prototype production
- [ ] The development and production of dissemination reports
- [ ] Develop significant Collaborative Online International Learning (COIL) programs

☐   Other activity that supports partnership development with UTS's strategic partner universities eligible for this funding scheme.

. If you have selected other activity, please provide details in space below

BUDGET

Please enter an estimated funding amount for each category selected above. *N.B. The total budget must not exceed A$10,000.*

Amount (AUD)	
Answer 1	
» Joint virtual events (conference, workshop, webinar, forum, symposium)	
» Data collection	
» Publication support/ Literary review	
» Generation of preliminary data	
» Experiments to develop proof of concept	
» Initiatives that promote the development of industry and government linkages	
» Initiatives that may lead to external funding applications	
» Access to necessary software	
» External project website or other multimedia production and development	

»
Development and implementation of
survey instruments

[ ]

» Access to online databases

[ ]

»
Consumable equipment costs for the sole
use of the project such as primers, probes, reagents, pipettes etc.
Equipment (up to $5,000)

[ ]

» Prototype production

[ ]

»
The development and production of
dissemination reports

[ ]

Amount (AUD) Answer 1

»
Develop significant Collaborative Online
International Learning (COIL) programs

[ ]

»
Other activity that supports partnership
development with UTS's strategic partner universities
eligible for this funding scheme.

[   ]

[ ]

. Please enter the total amount you are requesting. The proposed total budget must not exceed A$10,000.
N.B. This funding must be spent by 15 December 2025. Awardees will need to demonstrate outputs and outcomes as planned for their original funding application.
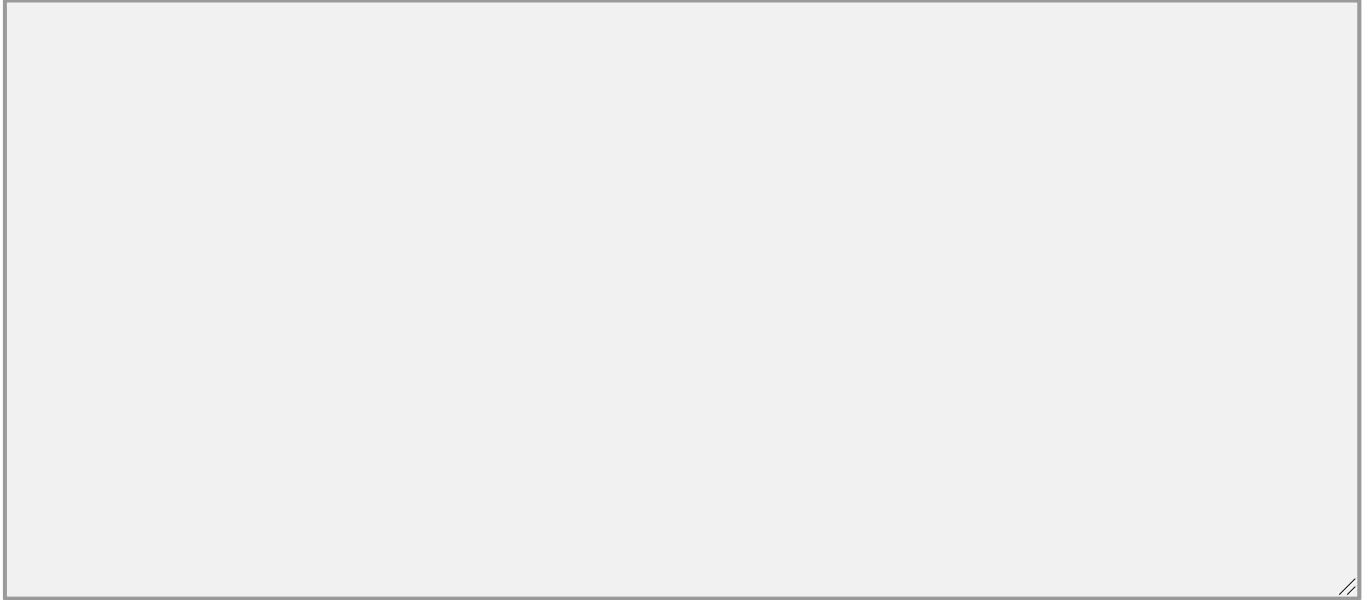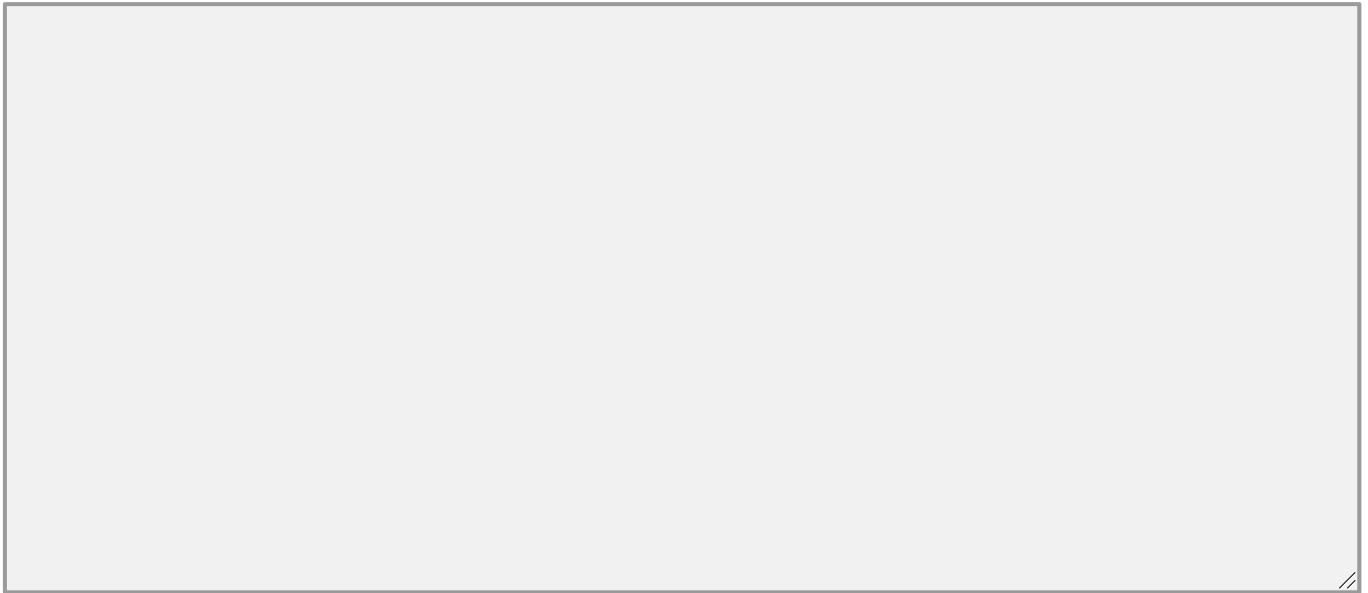
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EVALUATION CRITERIA

. EVALUATION CRITERIA

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Strength of the proposed collaboration (30%)
Please provide an overview of your proposed collaborative project or visit, including the objectives and what you hope to achieve. (max 300 words)

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. How does the collaboration align with Faculty/Institute priorities and UTS's overall guiding principles (social justice, commitment to Sustainable Development Goals, and/or impact-driven focus)? (max 200 words)
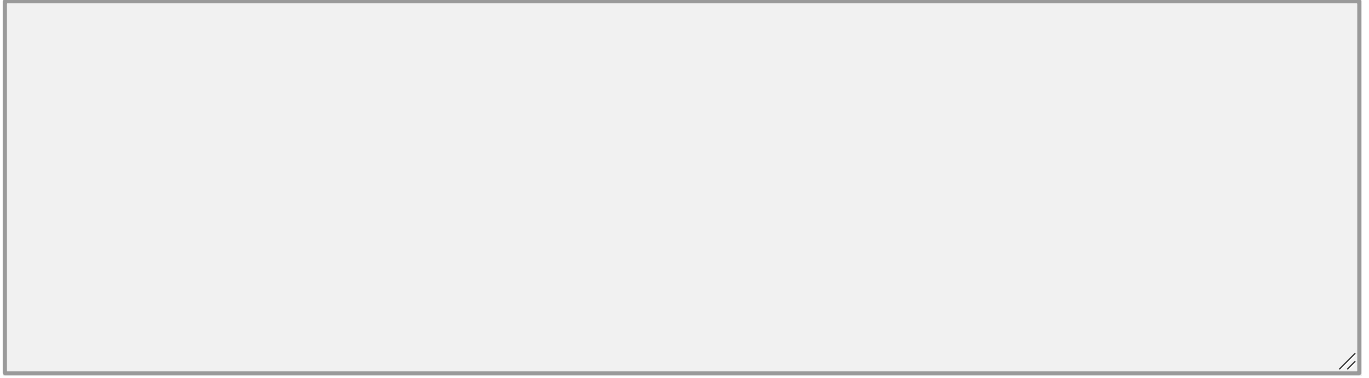
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. How does the collaboration align with the KTP Faculties/Schools/Colleges' priorities and institutional strategy? (max 200 words)
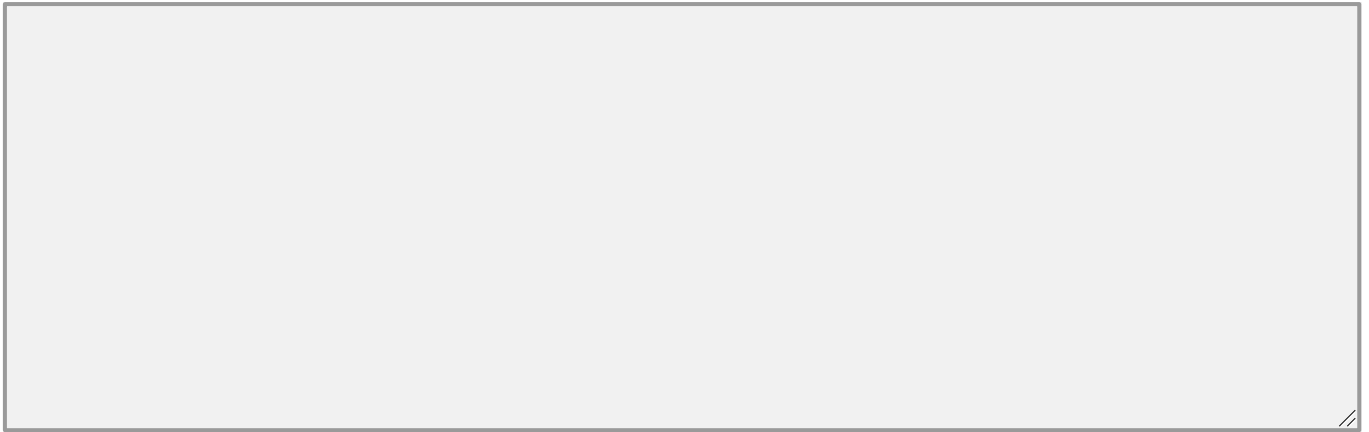
. Select the UN Sustainable Development Goals that your proposal relates to. More info on SDGs can be found here: UN's Sustainable Development Goals.

- ☐ No poverty
- ☐ Zero hunger
- ☐ Good health and well-being
- ☐ Quality education
- ☐ Gender equality
- ☐ Clean water and sanitation
- ☐ Affordable and clean energy
- ☐ Decent work and economic growth
- ☐ Industry, innovation and infrastructure
- ☐ Reduced inequalities
- ☐ Sustainable cities and communities
- ☐ Responsible consumption and production
- ☐ Climate action
- ☐ Life below water
- ☐ Life on land
- ☐ Peace, justice, and strong institutions
- ☐ Partnerships for the goals
- ☐ N/A

. How does this collaboration benefit both UTS and the KTP institution? (max 200 words)
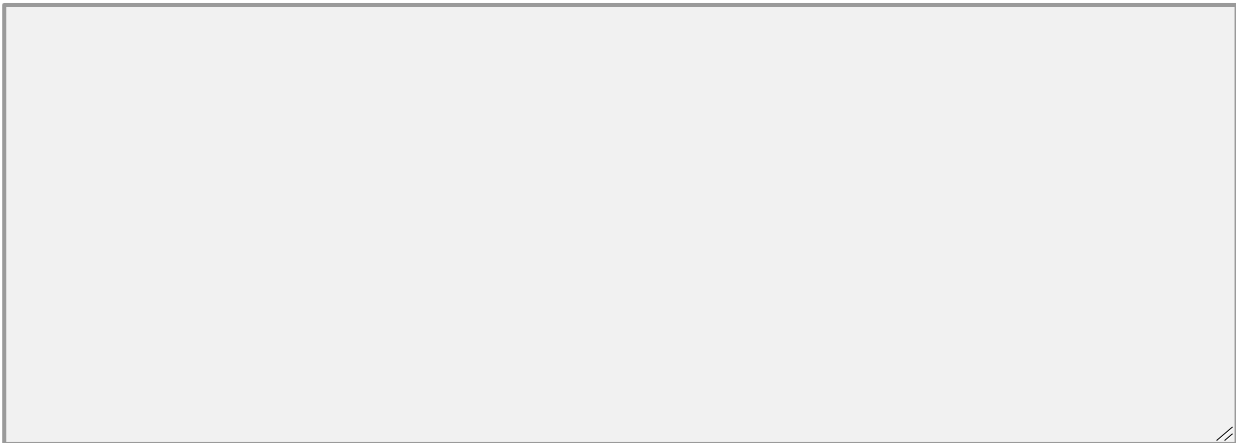
. Budget: explain how feasible it is to achieve your goals in 2025 with your proposed funding. (max 200 words)

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Outputs, Outcomes, Impact (40%)
What is the expected scale of outcomes of the proposed collaboration (noting that this may be financial, reputational and/or social justice)? (max 200 words)
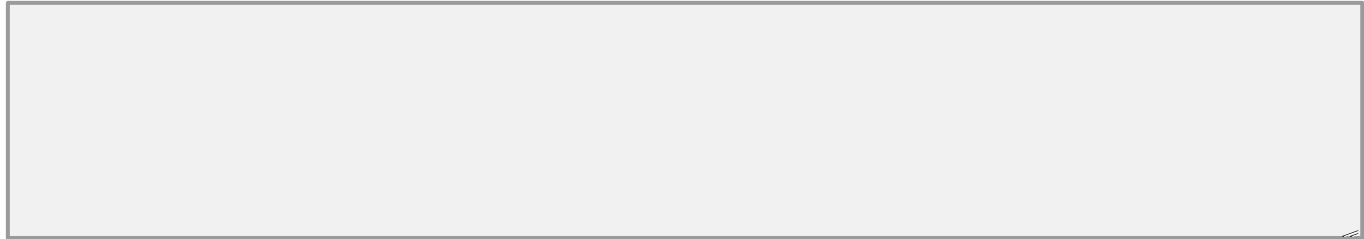
. Provide an overview of the goals you aim to achieve as a result of this collaboration in any of these three areas (max 300 words):

- **Research and research training:** e.g., joint publications, involvement of PhD students, likelihood of competitive grant application, policy impact, research translation, and end-user engagement.
- **Teaching and learning:** e.g., joint program development/delivery, innovative teaching methodology, attracting new cohorts of students, significantly enhancing accessibility for diverse student cohorts.
- **Enterprise and innovation:** e.g., patents and inventions, commercial products, licenses and revenue, new companies such as spin-offs, start-ups or joint ventures, industry/government/community partnerships, opportunities to offer micro-credential courses.

[ ]

. Provide a brief explanation of the expected impact of your collaboration. (max 200 words)
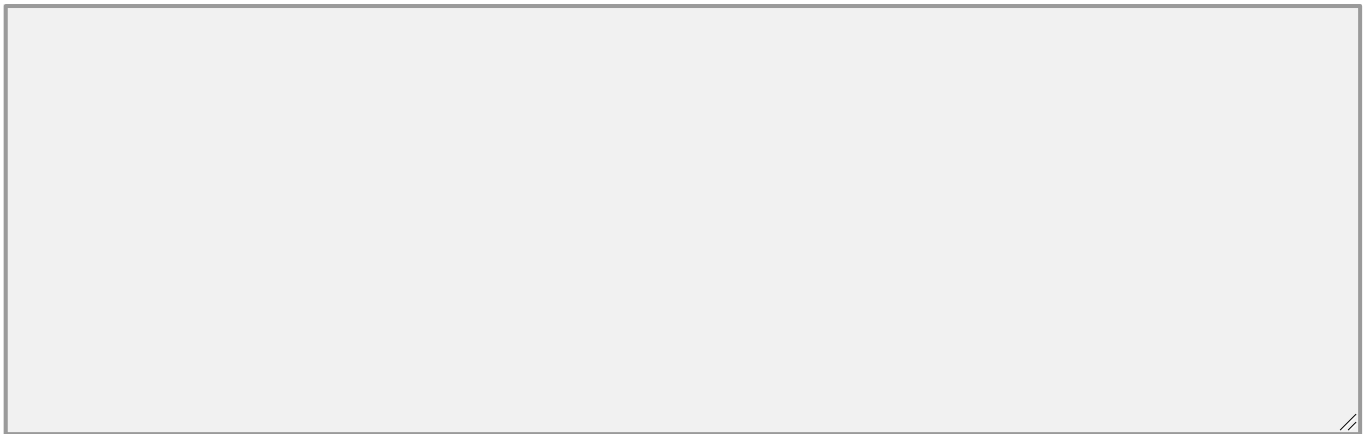
[ ]

. Provide a brief explanation of the expected outputs from this collaboration. (max 200 words)

[ ]

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Interdisciplinarity - actual and/or potential involvement across multiple Faculties and disciplines (10%)
Outline the actual and/or potential breadth of engagement across UTS. Please list all Faculties/disciplines/units and key UTS staff who will be engaged, including early career researchers. (max 200 words)

[ ]

. What is the actual or potential involvement across multiple Faculties/Schools/Colleges/ disciplines at the KTP institution?

Please list all Faculties/Schools/Colleges/units and key KTP staff who will be engaged, including Early Career staff, whether in teaching, research, or other capacities. (max 200 words)

[ ]

. Student engagement (10%)

Articulate the involvement of students in your collaboration and/or opportunities it will create for coursework and/or research training students at both universities. (max 200 words)

Vision for the future (10%)
To what extent does the collaboration appear to have longevity (multi-year engagement)? (max 200 words)

. Outline your short term, medium and long-term goals. (max 300 words)

SIGNATURE

Signature. **SIGNATURE OF UTS APPLICANT**
I acknowledge that I have discussed this application with my international collaborator.

SIGN HERE

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clear