Rialtas na hÉireann
Government of Ireland

An Roinn Breisoideachais agus Ardoideachais, Taighde, Nuálaíochta agus Eolaíochta
Department of Further and Higher Education, Research, Innovation and Science

HEA AN tÚDARÁS um ARD-OIDEACHAS HIGHER EDUCATION AUTHORITY

North-South Research Programme 2021

Indicative application form

Note This application is a sample indicative template for information purposes only. All applications should be made through the North-South Research Programme online application portal which will become live on 6th September 2021. The application form in the online system may deviate in minor ways from what is presented here. The closing date for application via the online system is 4 pm, 18th October 2021.

Note Please refer to the 'Call Document' and 'Frequently Asked Questions' on the Higher Education Authority website (https://hea.ie/funding-calls/north-south-research-programme/).

Application Sections

Data protection

During application preparation

Information collected by proposers in preparing and submitting and applying to the North-South Research Programme is done so in agreement and with the consent of partners involved. Proposers should be cognisant of the data protection policies in their respective institutions regarding the sharing of draft and completed applications. Copies of the application should be destroyed once they are no longer required by the proposers. Where a copy of the submitted application is retained for administrative purposes it should be anonymised in line with institutional policies.

Data collection and processing

The HEA as data controller at all times processes personal data in line with the requirements of GDPR and the Data Protection Act 2018. For more information, please see our Data Privacy Notice and the HEA North-South Research Programme 2021 Data Collection Notice which are available on the HEA website.

Applicants should only provide the data requested and when providing proposal details (title, abstract, etc.) avoid including data of any identifiable third-party subjects unless necessary to the project.

Section 1: Admin and Profile

Full completion of section 1 is required.

In this section, applicants will be asked to provide details regarding:

- the strand being applied to
- contact and profile details for lead institutions/lead investigators and team leads along with contact details for any other participating partners
- the total budget being requested
- number and type of partners involved
- the proposed distribution of funding between partners

1.1 Strand

Project ID	The online system will generate the Project ID

Strand	Indicate which strand the proposal is being submitted to with an X	Indicate if the proposal being submitted is basic or strategic in nature	Provide duration of the project in months	Total funding Requested (In Euro)
Strand I: Bilateral researcher-researcher projects.				
Strand II: Emerging hubs of excellence.				
Strand III: Partnerships of scale.				

Admin Lead / Lead Partners			
	Identify the number of **lead** partners in Ireland and proposed funding breakdown	Identify the number of **lead** partners in Northern Ireland and proposed funding breakdown	
	X (e.g. 3)	**X (e.g. 3)**	
	1 x lead admin (€X)	1 x lead partner (€X)	
	1 x lead partner (€X)	1 x lead partner (€X)	
	1 x lead partner (€X)	1 x lead partner (€X)	
Total breakdown of funding across **lead** partners			€ (X)

Other / Third-Party Project Partners				
		Identify the number of partners according to type and location	**Identify the number of partners according to type and location**	
Will there be any third-party partners involved in the proposed project?	Yes/No	*[1 x NGO in Ireland - €X* *1 x Multinational in Ireland - €X]*	*[1 x SME in Northern Ireland - €X* *1 x Charity based in Northern Ireland - €X]*	(€X)
Will there be any 'additional' partners involved in the proposed project? If 'yes' to the previous question, please state where the 'additional' partner will be based?	Yes/No	*[1 X NGO in UK* *1 x SME in France]*		
			Total	(€X)

1.2 Lead Contact Details in Ireland

Where more than one lead partner is involved in Ireland, please complete table 2. Copy and complete the table in accordance with the number of lead partners involved.

Table 1: Lead admin partner in Ireland - Higher Education Institution (HEI) **Completion of Table 1 is required.** **The lead investigator/team lead in Ireland must be in the employment of the lead admin partner in Ireland at the time of award initiation and for the full duration of the award.**	
Name of lead admin HEI in Ireland	
Address	

Is the lead investigator/team lead in the admin institution in Ireland two years post PhD?	*Yes/No*
Please provide the PhD graduation date	
Full title, full name and role of lead investigator/team lead	
Gender (*man, woman, gender non-binary, prefer not to say, other)*	
Date of Birth	*Date/Month/Year*
Current country of residence	
Name of current institution at which lead investigator/team lead is employed (if different from the lead admin HEI in Ireland)	
Email	
Telephone number	
ORCID (not mandatory)	
Full title, full name and role of primary contact (if different from above)	
Email	
Telephone number	

Table 2: Lead partner in Ireland **Where there is more than 1 lead partner in Ireland participating in a project completion of Table 2 is required.**	
Name of the lead partner organisation in Ireland	
Address	
Is the lead investigator/team lead in the institution in Ireland two years post PhD?	*Yes/No*
Please provide the PhD graduation date	

Full title, full name and role of lead investigator/team lead	
Gender (*man, woman, gender non-binary, prefer not to say, other)*	
Date of Birth	*Date/Month/Year*
Current country of residence	
Name of the current institution at which lead investigator/team lead is employed (if different from the lead admin HEI in Ireland)	
Email	
Telephone number	
ORCID (not mandatory)	
Email	
Telephone number	

1.3 Lead Contact Details in Northern Ireland

Where more than one lead partner is involved in Northern Ireland, please complete table 3. Copy and complete the table in accordance with the number of lead partners involved.

Table 3: Lead HEI partner in Northern Ireland **Completion of Table 3 is required.** **Lead investigators/team leads in Northern Ireland must be in the employment of the lead partner in Northern Ireland at the time of award initiation and for the full duration of the award.**	
Name of lead HEI partner in Northern Ireland	
Address	
Is the lead investigator/team lead in the institution in Ireland two years post PhD?	*Yes/No*
Please provide the PhD graduation date	*Date/Month/Year*

Full title, full name and role of lead investigator/team lead	
Gender (*man, woman, gender non-binary, prefer not to say, other)*	
Date of Birth	*Date/Month/Year*
Current country of residence	
Name of the current institution at which lead investigator/team lead is employed (if different from the lead admin HEI in Ireland)	
Email	
Telephone number	
ORCID (not mandatory)	

Table 4: Lead partner in Northern Ireland **Where there is more than 1 lead partner in Northern Ireland participating in a project completion of Table 4 is required.**	
Name of the lead partner organisation in Northern Ireland	
Address	
Is the lead investigator/team lead in the admin institution in Northern Ireland two years post PhD?	*Yes/No*
Please provide the PhD graduation date	*Date/Month/Year*
Full title, full name and role of lead investigator/team lead	
Gender (*man, woman, gender non-binary, prefer not to say, other)*	
Date of Birth	*Date/Month/Year*
Current country of residence	

Name of the current institution at which lead investigator/team lead is employed (if different from the lead admin HEI in Ireland)	
Email	
Telephone number	
ORCID (not mandatory)	
Email	
Telephone number	

1.4 Third-Party Partner Contact Details

Complete one main contact table for each third-party partner institution /organisation/enterprise. (Copy tables as required)

Table 5: Partner in Ireland **Where a partner not listed in Appendix 1.1 or 1.2 of the call document is included in the project proposal completion of Table 5 is required.**	
Name of the Partner in Ireland	
Address	
Type of partner	*institution /organisation /enterprise/ charity/NGO*
Full title, full name and role of the main contact	
Email	
Telephone number	
ORCID (not mandatory)	

Table 6: Partner in Northern Ireland **Where a partner not listed in Appendix 1.1 or 1.2 of the call document is included in the project proposal completion of Table 6 is required.**	
Name of the Partner in Northern Ireland	

Address	
Type of partner	*institution /organisation /enterprise/ charity/NGO*
Full title, full name and role of the main contact	
Email	
Telephone number	
ORCID (not mandatory)	

Table 7: Additional partner **Where an 'Additional Partner' is included in the project proposal completion of Table 7 is required.**	
Name of the additional partner	
Address	
Type of partner	*institution /organisation /enterprise/charity/NGO*
Full title, full name and role of the main contact	
Email	
Telephone number	
ORCID (not mandatory)	

Section 2: Project Proposal

In this section proposers are asked to provide details regarding the proposal:

- title, duration, proposal acronym, keywords, discipline/s
- abstract and lay abstract
- alignment with the north-south programme which can be elaborated upon in section 3.

Section 2.1: Proposal overview **All questions in 2.1 are required.**	
Title of Application **(100 words max)**	

Duration of award requested	
Abbreviation of proposed title **(10 characters max)** This short title or acronym will be used to identify your proposal in this call. It should be no more than 10 characters. The same acronym should be used in the filename of any spreadsheet/pdf to be uploaded to this application form on the online system	
Keywords **(10 words max)** Use keywords to describe the technology, science, sector, content or nature of result and potential uses of your result	
Primary area/Discipline of proposal (See 'Domain and Discipline' details in 'Appendix 2')	
Secondary area/Discipline of proposal (See 'Domain and Discipline' details in 'Appendix 2')	
Interdisciplinary/Multidisciplinary/Transdisciplinary	*Indicate disciplines involved*

Section 2.2: Proposal Summary

All questions in 2.2 are required.

Note: Section 2.2 must not contain confidential information. Confidential information is personal data including, but not limited to: email address, date of birth, personal details of other participants, nationality. For further information visit https://hea.ie/about-us/data_protection/

Proposal Abstract (300 words max)
This should be a succinct and accurate summary of the proposed work when separated from the application.
Lay abstract (300 words max)
This should be a succinct and accurate summary in lay, non-technical language of the proposed work when separated from the application. It should provide a clear understanding of the objectives of the proposal and how they will be achieved. Please be advised that the lay abstract will be used for dissemination purposes and therefore please be mindful to use accessible language to engage all audiences. It will be used as the short description of the proposal in the assessment process.

Section 2.3: Proposal alignment with programme	
Identify and outline how this project will address one or more of the key principles and the specific programme criteria for the Collaborative North-South Funding Programme 2021.	*Identify which principle/s will be addressed/complemented by the proposed project* ***(100 words max)*** *Implementation should be addressed in detail in 3.1*
Identify mechanisms which will assist in the understanding of cultural diversities. (inter community engagement /public/cross community engagement)	*Identify mechanisms which will assist in the understanding of cultural diversities. (inter community engagement /public/cross community engagement)* ***(100 words max)*** *Implementation should be addressed in detail in 3.1 and can also be addressed in section 4.1.*
Identify and outline how the proposed project will address and/ or complement one or more of the following: The Shared Island initiative Institutional research strategy National research strategy Horizon Europe mission-based approach to research Sustainable Development Goals (SDGs)	*Identify which one/s will be addressed/complemented by the proposed project.* ***(150 words max)*** *Implementation should be addressed in detail in 3.1*

Section 3: Proposal Details

In this section proposers are asked to identify and detail the proposal's:

- aims and objectives
- expected outputs and outcomes
- design, methodology and implementation

Section 3.1: Aims and Objectives **All of section 3.1 is required.**	
Define the aims of the proposal	***(100 words max)***
Define the objectives of the proposal	***(100 words max)***
Expected outputs and outcomes	*The potential impacts and benefits of the proposal. The outputs are clearly identified as the planned activities based on the allocation of resources. Outcomes are the anticipated short-term results of the research project and its outputs. For example, please see The Campus Engage guide 'Engaged Research Planning for Impact', here:* *http://www.campusengage.ie/wp-content/uploads/2018/12/Campus_Engage_Impact_Framework_May_2018_Web.pdf* ***(100 words max)*** *Note: Proposals should make a commitment to making data and other types of research, open and accessible and this commitment should be evidenced in the proposal in section 3 and/or 4 or elsewhere as relevant.*
Section 3. 2: Design, methodology and implementation **All of section 3.2 is required.**	
Define and provide details of the project design and the proposal's implementation plan demonstrating that it will address the key principles of the programme and the specific funding criteria as set out in the Call Document. Include the following: • A description of the proposal to include a brief literature review	

- plan specifics including work packages with clearly identified SMART deliverables (Specific, Measurable, Achievable, Relevant and Time-bound)
- a clear description of the proposed project methodology which points to its credibility and feasibility. A GANTT chart may be uploaded to support the description.
- specification of milestones, output measures, indicators and evidence which will be used to monitor the performance and progress of the proposal and where relevant a description of how the project's sustainability is to be maintained.
- a clear demonstration of mechanisms which will assist in the understanding of cultural diversities. (inter community engagement /public/cross community engagement)
- a clear description of the proposal's implementation plan for how it will contribute to achieving the goals and objectives of national and institutional research strategy and the objectives of the Shared Island initiative and national alignment with Horizon Europe's mission-based approach and/or one or more of the United Nation's SDGs.
- demonstrate that proposers have given full consideration to whether there is a potential sex and/or gender dimension in their proposed research. Where applicants have indicated that there is no sex/gender dimension to their research, they must justify this assertion.

(3000 words max)

Note: Evidence must be provided of shared objectives, joint work programmes, costs, resources, joint responsibilities and associated clarification on roles and contributions of each party. Sections 3.1, 4.1 and 5.1 can also be used to provide this evidence. Budget justification can also be used to provide such evidence. Where relevant evidence of equality of access should also be demonstrated and this may be done in sections 3.1, 4.1 and 5.1.

Section 4: Collaboration

In this section, proposers are asked to provide details of the proposed collaboration and its benefits.

Section 4.1 Benefits of proposed collaboration

Section 4.1 is required

- Demonstrate how both the quality of the proposal being presented and the outcomes expected through the proposed collaboration and partnership will address the key principles of the programme and the specific funding criteria.
- Detail the external partnership to include the demonstration of a deep and meaningful collaboration. Include details of how the project will impact on the education and research

sectors North and South and on the substance, level, and quality of research collaboration including the adequacy and specificity of arrangements for formal governance, management, financial and risk management and co-ordination of the work.

- Mechanisms which will assist in the understanding of cultural diversities (inter community engagement /public/cross community engagement).
- Describe how the proposal will develop sustainable collaboration.
- Describe the project's long-term impacts/ structures/ networks and where relevant, demonstrate plans for sustainability beyond the life of the scheme.
- In relation to the proposed research (in particular, where strategic or applied and where eligible for support under this scheme), describe plans for the use / application of the research. In addition, identify any source and amount of any additional external financial or other support being provided. Include any relevant information regarding the TRL status of the application of the research or the expected TRL status of the application of the research arising from any support that may be provided through this funding call and the identified source of external funding.

(1000 words max)

Section 5: Consortium Statement and Team Composition

Consortium Statement

In this section, proposers are asked to provide a consortium statement that will include details of:

- the consolidated CVs of the lead investigator/s/team lead/s as they pertain to the proposal.

Section 5.1: Consortium Statement and consolidated lead investigators/team leads CV **Section 5.1 is required**	
Define why this consortium is an appropriate mix of HEI(s) and partners (where relevant) to undertake this proposal.	• *Outline the CAREER PROFILE of the lead researchers/team leads including education and employment history, details of any periods of leave from research or periods of part-time work.* • *Provide a summary of expertise and track record of lead researchers/team leads in the proposed area of research by referring to their key achievement in research excellence,*

	research engagement and collaboration including the generation of knowledge and/or application of research that is strategic in nature, development of individuals and/or team building. • *Describe how the proposers and/or the proposers' institution/s have contributed to the proposed area of research by further demonstrating their track record and their capacity to successfully deliver a proposal of this scale on time and on budget in line with the objectives of the scheme.* • *Describe how the proposers and/or the proposers' institution/s have contributed to engaged research in the proposed research area and/or outside of the proposed research area.* • *Describe how the proposers and/or the proposers' institution/s have led and/ or contributed to the development and improvement of research culture on an institutional and/or national, or all island or international basis.* ***(1000 words max)***

Team Composition

In this section, proposers are asked to provide details of the proposed team composition (do not include names or any other details that would render team members identifiable)

Section 5.2: Team Composition **Completion of all relevant roles is required.** **Add rows as necessary**		
Role	**Institution/ Organisation***	**Contribution to the project**
(Administrative Lead)	*University of XX*	***(25 words max)***
(Lead)		***(25 words max)***

1 X Post Doc	*RPO X*	***(25 words max)***
1 x PhD student	*Institute of XX*	***(25 words max)***
1 x Research Assistant		***(25 words max)***

**Where the team member will be based for most of the project*

Note: As far as possible the gender balance of a research team should be balanced and reporting requirements will include reflections on that balance. Please do not provide any personal data in the Team Composition table that would facilitate the identification of a team member.

Section 6: Data Management
In this section, proposers are asked to provide high-level description of a data management plan for the proposed project.

Section 6.1: Please provide a high-level data management plan for the proposed project. Section 6.1 is required
(100 words max)

Section 7: Budget
Section 7 is required.

In this section, proposers are asked to provide a clear breakdown of the total funding being requested for the proposed projects using the draft template provided in Appendix 1. Clear justification for the budget must be provided.

Section 8: Compliance
In this section, proposers are asked to confirm compliance with the eligibility requirements and to confirm agreement with the provision of data.

Section 8.1: Completion of all questions in section 8.1 is required.	
Does your proposed project require ethical approval?	*Yes/No*

In the event of a successful outcome to this application, where relevant, written confirmation of such ethical approval must be received by the Higher Education Authority before activities for which ethical approval are required commence, but no later than six months after the start date of the award.	
If Yes, please provide details of the ethical implications and how they will be addressed:	
Do the proposers confirm that all State Aid rules and regulations and Export Controls will be complied with in relation to including partners in the project?	*Yes/No* **Please note answering no will render the application ineligible.*
Do the proposers confirm that any 'additional' collaborators have not been included in place of collaborators in Ireland or Northern Ireland?	*Yes/No* **Please note answering no will render the application ineligible.*

Section 9: Declarations

In this section proposers are required to confirm the following:

Proposer Declarations: all questions in Section 9 are required.
○ Would you like the Higher Education Authority to make your application available to other Funding Agencies and/or Enterprise Partners for funding consideration? ○ Yes/No
○ I (authorised signatory) hereby declare that the above particulars are correct, have been agreed with all partners and understand that the call requirements, conditions and criteria circulated 'Call document' and the 'Terms and Conditions' in any Letter of Offer for funding will apply. I accept that failure to abide by the call requirements, conditions and criteria in the 'Call document' 'Terms and Conditions' may disqualify me from this Scheme. I also authorise the Higher Education Authority to verify, if necessary, any of the information supplied in this application. Please refer to the 'Call Document' and 'Frequently Asked Questions' on the Higher Education Authority website: https://hea.ie/funding-calls/north-south-research-programme/ ○ I Agree
I confirm that any disclosed Special Category Personal Data has been provided with the consent of all partners involved with the agreement that the Higher Education Authority is given explicit consent for this data to be processed and stored by the Higher Education Authority in accordance with the HEA data protection notice: https://hea.ie/about-us/data_protection/ ○ I Agree
○ The proposers confirm that the information supplied in this application is correct (NOTE: Should it become apparent that any of the information provided in the application is inaccurate or is not verifiable with appropriate documentation, it will result in the application automatically being deemed ineligible). ○ I Agree

Appendix 1: Draft Budget Template

A specific template will be provided on the HEA website which must be completed and loaded onto the online system.

Please note the submitted budget and justification must not contain confidential information.

Note: Confidential information is personal data including, but not limited to: email address, date of birth, personal details of other participants, nationality

Please refer to the 'Call Document' and 'Frequently Asked Questions' on the Higher Education Authority website: https://hea.ie/funding-calls/north-south-research-programme/

Please provide itemised breakdown of travel (including accommodation costs) and reason needed

(max 350 words)

Note: Capped at a maximum of €10,000 per person, per year.

Total travel cost requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide itemised breakdown of research consumables and reason needed

(max 350 words)

Total research consumables cost requested for the full duration of the award

(amount in Euros 000.00 format; max 1,000 Euros)

Please provide itemised breakdown of staff costs and reason needed

(max 350 words)

Note: Costs may include buy-out or salary costs for research team leads and/or lead investigators. Postdoctoral salary must begin no lower than at the first point on the Irish Universities' Association salary scale or an equivalent. Costs may include up to €60,000 per annum pro rata for a Project Manager on Partnerships of scale for the complete duration of the project

Total staff Costs requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide itemised breakdown of research student costs and reason needed

(max 350 words)

Note: Costs including stipend, of up to €30,000 per annum, plus fees may be sought for research students for up to a maximum of four years to include at least 12 months to be spent outside of their host institution, such as at the lead partner institution. Where research students spend time outside of their host institution up to an additional €5,000 may be sought for costs incurred.

Total research student costs requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide itemised breakdown of collaboration costs and reason needed

(max 350 words)

Total research collaboration costs requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide itemised breakdown of all equipment costs (please specify) and reason needed

(max 350 words)

Note: Small equipment (single items should not normally cost more than €10,000) may be included.

Total equipment costs requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide itemised breakdown of all institutional overheads (please specify) and reason needed

(max 350 words)

Note: The cost of institutional overheads may be included at a cost of up to 25% of pay costs (full-time personnel).

Total institutional overheads costs requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide for up to 10% contingency costs (please specify) and reason needed

(max 350 words)

Total contingency costs requested for the full duration of the award

(amount in Euros 000.00 format)

Please provide itemised breakdown of all other costs (please specify) and reason needed

(max 350 words)

Total other costs requested for the full duration of the award

(amount in Euros 000.00 format)

Total Amount Requested

(This field will auto-populate based on your entries in the 'total costs' fields from the expense categories)

Please ensure that the total amount requested in the online system is correct. Changes <u>will not</u> be accepted after submission. Please ensure that you have not requested more than the maximum amount available for your chosen strand.

Appendix 2: Primary and Secondary areas of Research.

AHSS	
Primary Area: Study of the Human Past	Other research areas
Archaeology Celtic Studies History	including but not limited to: Archaeology, Archaeometry, Landscape Archaeology Prehistory and Protohistory Ancient History Medieval History Early Modern History Modern and Contemporary History Colonial and Post-colonial History, Global and Transnational History, Entangled Histories Social and Economic History Sex/Gender History of Ideas, Intellectual History, History of Sciences and Techniques Cultural History, History of Collective Identities and Memories Historiography, Theory and Methods of History

AHSS	
Primary Area: Cultures and Cultural production	Other research areas
Classics Cultural Studies Film Studies Folklore Studies French German Irish Language Studies Italian Languages Literature Musicology Philosophy Spanish Theatre Studies	including but not limited to: Classics, Ancient Greek and Latin literature and Art History of Literature Literary Theory and Comparative Literature, Literary Styles Textual Philology, Palaeography and Epigraphy Visual Arts, Performing Arts, Design Philosophy, History of Philosophy, Philosophy of Mind, Epistemology and Logic Museums and Exhibitions Music and Musicology, History of Music History of Art and Architecture Cultural Studies, Cultural Diversity Cultural Heritage, Cultural Memory

AHSS	
Primary Area: Individuals, Institutions, markets, values, behaviour the mind and environment	Other research areas
Anthropology Business & Management Economics Education Environmental Studies Geography Law Linguistics Media	including but not limited to: Macroeconomics, Development, Economic Growth, Microeconomics, Behavioural Economics Marketing Political Economy, Institutional Economics, Law and Economics Econometrics, Statistical Methods, Financial Markets, Asset Prices, International Finance, Banking, Corporate Finance, Accounting, Competitiveness, Innovation, Research and

Politics Psychology Sociology Theology Equality Studies	Development, Organization Studies: Theory & Strategy, Industrial Organization, Labour Economics, Income Distribution and Poverty Public Economics, International Trade, History of Economic Thought and Quantitative Economic History, Social Structure, Inequalities, Social Mobility, Interethnic Relations, Social Policies, Work and Welfare, Kinship, Cultural Dimensions of Classification and Cognition, Identity, Sex/gender, Myth, Ritual, Symbolic Representations, Religious Studies, Democratization, Social Movements, Violence, Conflict and Conflict Resolution Political Systems and Institutions, Governance Legal Studies, Constitutions, Comparative Law, Human Rights Global and Transnational Governance, International Studies Communication Networks, Media, Information Society Social Studies of Science and Technology Environment, Resources and Sustainability Environmental Change and Society Environmental Regulations and Climate Negotiations Social and Industrial Ecology Population Dynamics, Aging, Health and Society Households, Family and Fertility Migration Mobility, Tourism, Transportation and Logistics Spatial Development and Architecture, Land Use, Regional Planning Urban Studies, Regional Studies Social Geography, Infrastructure, Geo-information and Spatial Data Analysis Evolution of Mind and Cognitive Functions, Animal Communication Human Life-span Development Neuropsychology Cognitive and Experimental Psychology: Perception, Action, and Higher Cognitive Processes Social and Clinical Psychology Linguistics: Formal, Cognitive, Functional and Computational Linguistics, Linguistics: Typological, Historical and Comparative Linguistics Psycholinguistics and Neurolinguistics: Acquisition and Knowledge of Language, Language Pathologies Use of Language: Pragmatics, Sociolinguistics, Discourse Analysis, Second Language Teaching and Learning, Lexicography, Terminology Education: Systems and Institutions, Teaching and Learning Women's Studies, Gender Studies Pedagogy International Development Childhood Studies Criminology Government,

	Political Science, Political Theory Health Promotion Religious Studies Social and Economic Geography Social Policy Social Work

STEM disciplines

STEM	
Primary Area: Biological Sciences A	Other research areas
Agricultural Biotechnology	including but not limited to: Agricultural Biotechnology Diagnostics (incl. Biosensors); Agricultural Marine Biotechnology; Agricultural Molecular Engineering of Nucleic Acids and Proteins; Genetically Modified Technology; Livestock Cloning; Marker Assisted Selection; Biomass Feedstock Production Technologies; Biopharming.
Biology (Theoretical, Mathematical, Thermal, Cryobiology, Biological Rhythm)	including but not limited to: Theoretical Biology; Mathematical Biology; Thermal Biology; Cryobiology; Biological Rhythm.
Environmental Biotechnology	including but not limited to: Biodiscovery; Biological Control; Bioremediation; Environmental Biotechnology Diagnostics (incl. Biosensors); Environmental Marine Biotechnology; Environmental Molecular Engineering of Nucleic Acids and Proteins.
Evolutionary Biology	including but not limited to: Animal Systematics and Taxonomy; Biogeography and Phytogeography; Biological Adaptation; Ethology and Socio-biology; Evolution of Developmental Systems; Evolutionary Impacts of Climate Change; Host-Parasite Interactions; Life Histories; Phylogeny and Comparative Analysis; Plant Systematics and Taxonomy; Speciation and Extinction.
Marine Biology, Freshwater Biology	including but not limited to: Marine Biology, Freshwater Biology.

Microbiology, Mycology and Virology	including but not limited to: Bacteriology; Infectious Agents; Microbial Ecology; Virology; Mycology.
Microbial Genetics	including but not limited to: Microbial Genetics.
Plant Sciences, Botany	including but not limited to: Phycology (incl. Marine Grasses); Plant Cell and Molecular Biology; Plant Developmental and Reproductive Biology; Plant Pathology; Plant Physiology; Botany.
Zoology, Ornithology, Entomology, Behavioural Sciences Biology	including but not limited to: Animal Behaviour; Animal Cell and Molecular Biology; Animal Developmental and Reproductive Biology; Animal Immunology; Animal Neurobiology; Animal Physiological Ecology; Animal Structure and Function; Invertebrate Biology; Vertebrate Biology.

STEM	
Primary Area: Biological Sciences B	Other research areas
Biochemical Research Methods	including but not limited to: Biochemical Research Methods.
Biochemistry and Molecular Biology	including but not limited to: Analytical Biochemistry; Bioinformatics (Bioinformatics Software to be Computer Science); Enzymes; Protein Trafficking; Proteomics and Intermolecular Interactions; Receptors and Membrane Biology; Signal Transduction; Structural Biology (incl. Macromolecular Modelling); Synthetic Biology; Systems Biology.
Cell Biology	including but not limited to: Cell Development, Proliferation and Death; Cell Metabolism; Cell Neurochemistry; Cellular Interactions (incl. Adhesion, Matrix, Cell Wall).
Developmental Biology	including but not limited to: Developmental Biology.

Genetics and Heredity	including but not limited to: Anthropological Genetics; Cell and Nuclear Division; Developmental Genetics; Epigenetics (incl. Genome Methylation and Epigenomics); Gene Expression (incl. Microarray and other genome-wide approaches); Genetic Immunology; Genome Structure and Regulation; Genomics; Molecular Evolution; Neurogenetics; Population, Ecological and Evolutionary Genetics; Quantitative Genetics (incl. Disease and Trait Mapping Genetics).
Industrial Biotechnology	including but not limited to: Bio catalysis and Enzyme Technology; Bioprocessing, Bioproduction and Bioproducts; Fermentation; Industrial Biotechnology Diagnostics; Industrial Microbiology (incl. Biofeedstocks); Industrial Molecular Engineering of Nucleic Acids and Proteins.
Medical Biotechnology	including but not limited to: Gene and Molecular Therapy; Medical Biotechnology Diagnostics; Medical Molecular Engineering of Nucleic Acids and Proteins; Regenerative Medicine (incl. Stem Cells and Tissue Engineering).
Reproductive Biology	including but not limited to: Reproductive Biology

STEM	
Primary Area: Chemistry	Other research areas
Analytical Chemistry	including but not limited to: Analytical Spectrometry; Electro analytical Chemistry; Flow Analysis; Immunological and Bioassay Methods; Instrumental Methods; Quality Assurance, Chemo metrics, Traceability and Metrological Chemistry; Sensor Technology; Separation Science.
Colloid and Nanochemistry	including but not limited to: Colloid and Surface Chemistry; Nanochemistry; Molecular and

	Organic Electronics; Nanotoxicology (chemical aspects).
Electrochemistry	including but not limited to: Dry Cells; Batteries; Fuel cells; Corrosion metals; Electrolysis.
Inorganic, Organometallic and Nuclear Chemistry	including but not limited to: Bioinorganic Chemistry; f[1]Block Chemistry; Inorganic Green Chemistry; Main Group Metal Chemistry; Non-metal Chemistry; Solid State Chemistry; Transition Metal Chemistry; Inorganic Chemistry; Organometallic Chemistry, Supramolecular Chemistry (inorganic and organometallic aspects); Nuclear Chemistry.
Macromolecular and Materials Chemistry	including but not limited to: Chemical Characterisation of Materials; Supramolecular Chemistry (materials chemistry aspects); Optical Properties of Materials; Physical Chemistry of Materials; Polymerisation Mechanisms; Synthesis of Materials; Theory and Design of Materials; Molecular and Organic Electronics.
Medicinal and Biomolecular Chemistry	including but not limited to: Biologically Active Molecules; Biomolecular Modelling and Design; Characterisation of Biological Macromolecules; Cheminformatics and Quantitative Structure-Activity Relationships; Molecular Medicine; Proteins and Peptides.
Organic Chemistry	including but not limited to: Free Radical Chemistry; Natural Products Chemistry; Organic Chemical Synthesis; Organic Green Chemistry; Physical Organic Chemistry.
Physical Chemistry	including but not limited to: Catalysis and Mechanisms of Reactions; Chemical Thermodynamics and Energetics; Solution Chemistry; Structural Chemistry and Spectroscopy; Transport Properties and Non[1]equilibrium Processes.
Theoretical and Computational Chemistry	including but not limited to: Quantum Chemistry; Radiation and Matter; Reaction Kinetics and Dynamics; Statistical Mechanics in Chemistry

STEM	
Primary Area: Computer Science	Other research areas
Artificial Intelligence and Image Processing	including but not limited to: Adaptive Agents and Intelligent Robotics; Artificial Life; Computer Graphics; Computer Vision; Expert Systems, Image Processing; Natural Language Processing; Neural, Evolutionary and Fuzzy Computation; Pattern Recognition and Data Mining; Simulation and Modelling; Virtual Reality and Related Simulation.
Computation Theory and Mathematics	including but not limited to: Analysis of Algorithms and Complexity; Applied Discrete Mathematics; Computational Logic and Formal Languages; Mathematical Software; Numerical Computation.
Computer Software	including but not limited to: Bioinformatics Software; Computer System Architecture; Computer System Security; Concurrent Programming; Multimedia Programming; Open Software; Operating Systems; Programming Languages; Software Engineering.
Data Format	including but not limited to: Coding and Information Theory; Data Encryption; Data Structures; Markup Languages.
Distributed Computing	including but not limited to: Distributed and Grid Systems; Mobile Technologies; Networking and Communications; Ubiquitous Computing; Web Technologies
Information Systems	including but not limited to: Computer-Human Interaction; Conceptual Modelling; Database Management; Decision Support and Group Support Systems; Global Information Systems; Information Engineering and Theory; Information Systems Development Methodologies; Information Systems Management; Information Systems Organisation; Information Systems Theory;

	Interorganisational Information Systems and Web Services.

STEM	
Primary Area: Earth and Environmental Sciences	Other research areas
Biodiversity Conservation	including but not limited to: Conservation and Biodiversity.
Ecology	including but not limited to: Behavioural Ecology; Community Ecology; Ecological Physiology; Freshwater Ecology; Marine and Estuarine Ecology (incl. Marine Ichthyology); Paleoecology; Population Ecology; Terrestrial Ecology. Ecological Impacts of Climate Change; Ecosystem Function; Invasive Species Ecology.
Environmental Sciences	including but not limited to: Environmental Impact Assessment; Environmental Management; Environmental Monitoring; Environmental Rehabilitation; Natural Resource Management; Wildlife and Habitat Management.
Geochemistry	including but not limited to: Exploration Geochemistry; Inorganic Geochemistry; Isotope Geochemistry; Organic Geochemistry.
Geophysics	Electrical and Electromagnetic Methods in Geophysics; Geodynamics; Geophysical Fluid Dynamics; Geothermics and Radiometrics; Gravimetrics; Magnetism and Palaeomagnetism; Seismology and Seismic Exploration.
Geology	including but not limited to: Basin Analysis; Extra-terrestrials Geology; Geochronology; Igneous and Metamorphic Petrology; Marine Geoscience; Ore Deposit Petrology; Petroleum and Coal Geology; Sedimentology; Stratigraphy (incl. Biostratigraphy and Sequence

	Stratigraphy); Structural Geology; Tectonics, Volcanology.
Meteorology and Atmospheric Sciences	including but not limited to: Atmospheric Aerosols; Atmospheric Dynamics; Atmospheric Radiation; Climate Change Processes; Climatology (excl. Climate Change Processes); Cloud Physics; Meteorology; Tropospheric and Stratospheric Physics, Atmospheric Chemistry.
Mineralogy	including but not limited to: Mineralogy and Crystallography.
Oceanography, Hydrology, Water Resources	including but not limited to: Biological Oceanography; Chemical Oceanography; Physical Oceanography, Hydrology: Surface water Hydrology, Water Resources.
Palaeontology	including but not limited to: Palaeontology; Palynology.
Physical Geography	including but not limited to: Geomorphology and Regolith and Landscape Evolution; Glaciology; Hydrogeology; Natural Hazards; Palaeoclimatology; Quaternary Environments; Surface Processes.

STEM	
Primary Area: Engineering	Other research areas
Chemical Engineering	including but not limited to: Chemical engineering (plants, products); Chemical Process Engineering.
Civil Engineering	including but not limited to: Civil engineering; Architecture engineering; Construction Engineering, Municipal and Structural Engineering; Transport Engineering; Geotechnics.
Electrical Engineering, Electronic engineering, Information Engineering	including but not limited to: Electrical and Electronic Engineering; Robotics and Automatic Control; Automation and Control Systems; Communication Engineering and Systems;

	Telecommunications; Computer Hardware and Architecture;
Environmental Engineering	including, but not limited to: Environmental and Geological Engineering; Petroleum Engineering (fuel, oils); Energy and Fuels; Remote Sensing; Mining and Mineral Processing; Marine Engineering, Sea Vessels; Ocean Engineering.
Food and Beverage Engineering	including but not limited to: Food Engineering; Beverage Engineering.
Materials Engineering	including but limited to: Materials Engineering; Ceramics; Coating and Films; Composites (including laminates, reinforced plastics, cermet's, combined natural and synthetic fibre fabrics; filled composites); Paper and Wood; Textiles (including synthetic dyes, colours and fibres); Nanoscale Materials (engineering aspects only).
Mechanical Engineering	including but not limited to: Mechanical Engineering; Applied Mechanics; Thermodynamics; Aerospace Engineering; Nuclear-related Engineering; (Nuclear Physics to be Physics); Audio Engineering, Reliability Analysis.
Medical and Biomedical Engineering	including but not limited to: Medical Engineering; Medical Laboratory Technology (including laboratory samples analysis; diagnostic technologies).

STEM	
Primary Area: Mathematics	Other research areas
Applied Mathematics	including but not limited to: Approximation Theory and Asymptotic Methods; Biological Mathematics; Calculus of Variations, Systems Theory and Control Theory; Dynamical Systems in Applications; Financial Mathematics; Operations Research; Theoretical and Applied Mechanics; Numerical Analysis; Numerical

	Solution of Differential and Integral Equations; Optimisation.
Pure Mathematics	including, but not limited to: Algebraic and Differential Geometry; Category Theory, K Theory, Homological Algebra; Combinatorics and Discrete Mathematics; Group Theory and Generalisations; Lie Groups, Harmonic and Fourier Analysis; Mathematical Logic, Set Theory, Lattices and Universal Algebra; Operator Algebras and Functional Analysis; Ordinary Differential Equations; Difference Equations and Dynamical Systems; Partial Differential Equations; Real and Complex Functions (incl. Several Variables); Topology.
Statistics and Probability	including but not limited to: Applied Statistics; Biostatistics; Forensic Statistics; Probability Theory; Statistical Theory; Stochastic Analysis and Modelling.

STEM	
Primary Area: Physics	Other research areas
Acoustics	including but not limited to: Acoustics and Acoustical Devices; Waves.
Astronomy and Space Science	including but not limited to: Astrobiology; Astronomical and Space Instrumentation; Cosmology and Extragalactic Astronomy; Galactic Astronomy; General Relativity and Gravitational Waves; High Energy Astrophysics; Cosmic Rays; Mesospheric, Ionospheric and Magnetospheric Physics; Planetary Science; Space and Solar Physics; Stellar Astronomy and Planetary Systems.
Atomic, Molecular and Chemical Physics	including but not limited to: Magnetic Resonances; Moessbauer effect; Atomic and Molecular Physics; Chemical Physics.
Biophysics	including but not limited to: Biological Physics; Medical Physics.

Condensed Matter Physics	including but not limited to: Condensed Matter Characterisation Technique Development; Condensed Matter Imaging; Condensed Matter Modelling and Density Functional Theory; Electronic and Magnetic Properties of Condensed Matter; Superconductivity; Soft Condensed Matter; Surfaces and Structural Properties of Condensed Matter.
Fluids and Plasma Physics	including but not limited to: Surface Physics; Plasma Physics; Fusion Plasmas; Electrical Discharges; Fluid Physics.
Nuclear Physics	including but not limited to: Nuclear Physics
Optics	including but not limited to: Laser Optics; Quantum Optics; Classical and Physical Optics; Lasers and Quantum Electronics; Nonlinear Optics and Spectroscopy; Photonics, Optoelectronics and Optical Communications.
Particles and Fields Physics	including but not limited to: Particle Physics; Degenerate Quantum Gases and Atom Optics; Field Theory and String Theory.
Theoretical Physics	including but not limited to: Mathematical Aspects of Classical Mechanics, Quantum Mechanics and Quantum Information Theory; Mathematical Aspects of General Relativity; Mathematical Aspects of Quantum and Conformal Field Theory, Quantum Gravity and String Theory; Statistical Mechanics, Physical Combinatorics and Mathematical Aspects of Condensed Matter; Electrostatics and Electrodynamics; Thermodynamics and Statistical Physics.

Appendix 3: Endorsement Template

ENDORSEMENT BY LEAD ADMIN PARTNER

LEAD HIGHER EDUCATION INSTITUTION (HEI) PARTNER IN IRELAND

All proposals must be signed by the President/VP/Director of Research or the appropriate office holder in this regard within the host institution(s).

*I hereby confirm that, on behalf of **[Insert name of lead admin HEI]**, I support this application to the Higher Education Authority in accordance with the circulated Call document. I further understand that acceptance of the Terms and Conditions that will be set out in the 'Letter of Award' will be required prior to confirmation of any offer of funding.*

*I confirm that as part of this application, that any management and resource implications (e.g., PI time commitment, teacher reduction, space requirements, potential budget shortfalls, and/or additional funding) have been discussed with **[insert lead admin HEI]**.*

Name of lead admin partner:		
Name of lead investigator/team lead in lead admin partner:		
Name of primary contact:		
Lead admin representative:		
Signature of lead admin representative, or authorised signatory: (Please indicate position held)	Print name:	
	Position held:	
	Signature	
Date:		

*Prior to the submission of the endorsement form by the lead admin institution in Ireland each lead investigator/team lead identified on the application must provide the lead admin institution with confirmation that their host institution agrees to the submission of the project proposal and to the collaborative management of the project if successful.

Organisational Stamp and signature of the VP/Director of Research/Institution President

ENDS.