



UK – Indonesia – Malaysia – Philippines - Thailand Small Scale Research Partnerships Call for Proposals 2016

RCUK – DIPI - Ristekdikti - MoHE- DOST- TRF Small Scale Research Partnerships Call

Objectives and Scope

The Research Councils UK (RCUK), the Indonesia Science Fund (DIPI), the Ministry of Research Technology and Higher Education Republic of Indonesia (Ristekdikti), the Ministry of Higher Education Malaysia (MoHE), the Department of Science and Technology Philippines (DOST), and the Thailand Research Fund (TRF) are pleased to invite applications to the UK – Indonesia – Malaysia – Philippines - Thailand Small Scale Research Partnerships Call for Proposals 2016.

The aim of this call is to provide 1-2 year flexible short-term support for research that will provide new insights and stimulate creative thinking to tackle the real world problems and will contribute to the economic development and welfare of Southeast Asia. Proposals could bring new collaborations and different disciplines/approaches together, and enable researchers to explore new regional or international approaches.

Successful proposals are expected to generate robust data which will lay the groundwork for future avenues of investigation. Small Scale Research Partnership Grants are not intended to support a logical progression of an already established research project or other types of on-going work; therefore, the nature of these awards will be more exploratory. Although an element of networking is permissible through these grants, grants should aim to have some form of tangible output.

Early career researchers are particularly encouraged to apply. Please check the Eligibility Criteria of each funding agency.

We invite proposals which address the following topics:

- Creative Economy and Cultural Heritage (Malaysia only)
- Energy - Food – Water - Environment Nexus (Indonesia, Malaysia, Philippines, Thailand)
- Mental Health (Indonesia, Malaysia, Philippines)
- Capacity Building in Big Data and Technology Development through Astronomy (Indonesia, Malaysia)
- Skills for using Large Facilities (Indonesia, Malaysia)

The longer term objective is to establish sustainable collaborations between UK and Southeast Asian researchers that will increase the competitiveness of these researchers in gaining funds for excellent research in future funding calls, either under the Newton Fund or through other routes.

Please note that different Southeast Asian partners are taking part in different topics, for information on which Southeast Asian Countries can participate in which topic, their

eligibility rules and the amount of funding available please refer to the application guidance. **Please note failure to attach the mandatory attachments and complete the proposal form as outlined in the application guidance could result in your proposal being rejected. Please ensure you read the guidance thoroughly before starting your proposal.**

Proposals within the themes listed above are welcomed from across the remits of the UK Research Councils. Recognising the multidisciplinary nature of the thematic areas, the development of interdisciplinary collaborations is particularly welcome.

Consortia should consider how their proposal makes the best use of available expertise in the UK and Southeast Asia, the added value of collaboration and how the proposal will meet the **Official Development Assistance (ODA)** requirements of this Newton Fund activity.

Background of the Newton Fund

The UK contribution will be channeled from the Newton Fund. The Newton Fund is an initiative intended to strengthen research and innovation partnerships between the UK and emerging knowledge economies. It was launched by the Chancellor in April 2014, and will deliver £735million of funding over the course of seven years.

The Fund forms part of the UK's Official Development Assistance (ODA) commitment which is monitored by the Organisation for Economic Cooperation and Development (OECD). ODA funded activity focuses on outcomes that promote the long-term sustainable growth of countries on the OECD Development Assistance Committee list. Newton Fund countries represent a sub-set of this list. For more information, please visit the RCUK Newton Fund page; <http://www.rcuk.ac.uk/international/newton/>.

The Newton Fund requires that the funding be awarded in a manner that fits with Official Development Assistance (ODA) guidelines. All applications under this call must therefore be compliant with these guidelines. <http://www.newtonfund.ac.uk/about/what-is-oda/>

Themes

Creative Economy and Cultural Heritage

The presence of creative and cultural economies is both a key indicator and a strong driver of sustainable development. The creative and cultural industries are valued not only for their inherent economic value, but also increasingly for the role they play in the development of new ideas and technologies and the associated non-monetised social benefits. Culture enables and empowers society to take control of its own development agendas, be it health, education, employment, equality or youth engagement and situate it within unique regional contexts that respect the local values, conditions and resources that may support, or stand in the way of, positive change.

In the countries of Southeast Asia, a considerable quantity of manufactured goods are produced, however the focus on production has not led to the generation of the kind of added-value found in most knowledge-based economies. This 'added value' is found via the integration of culture, design, technology and innovation, a blend of elements that

should lead to the production of unique products and services that will encourage sustainable economic growth, poverty reduction and social transformation.

Many of the countries of Southeast Asia have distinct and vibrant cultural scenes and emerging areas of growth. Following the success of the 'Korean Wave', other countries have attempted to follow the blueprint and reduce their reliance on imported media and entertainment. Both the Philippines and Thailand have growing Film Industries which has created opportunities for local creative writers, artists, producers and designers. The fashion industry is another area developing rapidly in SE Asia, in part due to the relatively youthful population (50% is under 30) and provides young people with a creative outlet as designers that can also be used to generate a living. Young entrepreneurs have also been behind the establishment of web and app design and digital media companies, which rely on a high level of creativity, technical proficiency, design skills and marketing savvy and provide services that have not previously existed, or traditionally been provided by foreign companies. Outside of urban populations, there is a rich vein of interest in traditional craft practices, and other aspects of cultural heritage, such as music and food, have engendered a sense of pride and generated significant interest and revenue via tourism.

The UK has substantial research expertise in the creative industries and the commercialisation and preservation of cultural heritage so would be very well positioned to partner on exploratory research programmes and knowledge transfer into the developmental potential of these sectors in SE Asia.

Energy - Food - Water - Environment Nexus

The 'nexus' is a way of thinking about the interdependencies, tensions and trade-offs between essential ecosystem services such as food, water and energy, in the wider context of land use, environmental change, health and wellbeing, and global supply chains. These different systems are inextricably linked, and improvements in one sector can have adverse impacts in another.

The nexus requires a deep understanding of multi-functional landscapes and ways to manage the environment sustainably for multiple ecosystem services. It is underpinned by a number of cross-cutting areas, for example:

- valuing nature and natural capital (including stocks and tipping points);
- sustainable prosperity and the green economy;
- sustainable behaviour across supply chains;
- human health and nutrition;
- farmed animal production including health and nutrition
- resource efficiency, including resource use efficiency
- sustainable intensification;
- forecasting extreme weather; and
- resilient agriculture and food systems.

For example, how can agriculture deliver a better food system: using less land, water and energy; reducing losses and wastes; addressing key nutritional needs; maintaining acceptable levels of safety; and maintaining other ecosystem services and the natural capital on which it and they depend? The nexus requires interconnected thinking across the natural and social sciences, and between researchers, policy, business and civil society. *

Areas of interest include:

- Re-envisioning growth for a sustainable future with a particular social science focus on:
 - Consumption - responding to the issues of climate change in the region particularly how behaviours are shaped and mediated differently by various influences such as values and belief systems and how they operate at different locales and scales.
 - Governance of sustainable resource use -understanding what the issues are in the region around the governance of sustainable resource use such as learning how local, national and international organisations interact and drive societal responses to the nexus issues particularly from a comparative view point across political systems and traditions
- Developing more sustainable, resilient and efficient food and non-food production systems while mitigating impacts on the environment and taking into account the need for multi-functional landscapes:
 - Taking an integrated approach across farming systems and the food supply chain in order to deliver sufficient, affordable, nutritious and safe food. This includes understanding the interactions between genotype, phenotype and the environment in order to enhance crop and livestock production, improve the nutritional profile of food, feed and additives/ingredients, and improving efficiencies in food supply chains through the reduction of food losses and wastes due to for example, a lack of control of crop biology or microbial contamination.
 - Better integration of the biology of crops and farmed animals with their management and the agri-environment, in multidisciplinary studies of farming systems. Development of new tools, technologies and data analytics is required to accelerate the breeding of crops and livestock better adapted to the future world, and to drive precision approaches to agriculture with more informed and timely decision-making; and
 - Alongside food production, there is also a huge opportunity for agriculture as a source of renewable industrial feedstocks for energy, chemicals, non-food products and materials in a new bio-based economy.
- Understanding how the processes of natural variability and manmade change work – as a whole Earth system, from global to local scale, from millions of years past to the present and into the future; developing whole-system knowledge to inform responsible management of the environment for multiple benefits.
- Understanding how environmental processes (physical, chemical and biological processes that interact in land, water and air) control resource** availability and how we can use resources responsibly; developing this knowledge to help use and recycle resources safely and efficiently, to live within the Earth's limits, and to steward natural resources for future generations.
- Understanding the relationships between ecosystem stocks and service flows, and benefits that are delivered as a result, such that the critical levels of the stocks are understood to allow the identification and so avoidance of the abrupt and damaging change in the delivery of benefits (i.e. tipping points).

* Please note that the research under this theme must focus on the interconnected nature of the nexus, and not any single sector in isolation. For example, projects focussing solely on energy technologies will not be considered.

** (food, water, energy, minerals and other essential services we get from nature such as ecosystem)

Mental Health - community based recovery following natural disasters

This theme particularly focuses on recovery from trauma associated with environmental disasters or conflict, and inter-relationships with other public health challenges. We wish to fund research on transitions people make from trauma and are particularly interested in mental health within a community context.

Wide scale societal and environment events such as natural disasters and conflict are traumatic, with long term effects on health. People and communities react to, and cope with, these effects in a variety of ways, and will have different levels of in-built resilience to cope. Health systems (both formal and informal) also often adapt to respond to the needs that arise in many ways, from small scale community based activity to raise awareness of, and support those with specific mental health issues, to new policies focussing on mental health. Research is needed to understand the complexity of these situations and find out what has happened and what has worked in different settings in order to suggest solutions. There is a particular focus on community based approaches to dealing with the mental health consequences of natural disasters, although proposals that link to the broader health system are also welcome. It is particularly important to develop innovative solutions to these long term problems that are developed and tested in the contexts in which they will operate. Research looking in to issues around inequality in these contexts is also welcome, including access to services.

Mental health disorders are often experienced as long term, chronic, conditions and place considerable pressures on existing health systems and budgets. Mental health affects efforts to meet development goals and public health challenges such as promotion of gender equality, reduction of child mortality, improvement of maternal health, and reversal of the spread of HIV/AIDS. There is a need therefore to embed mental health awareness across all aspects of national, regional, local and community level health and social policy, health system planning and delivery of health care.¹ Therefore building research capacity in mental health, particularly in research focussed on health and community systems is central to progress in this area and collaboration among SE Asian and other international researchers in mental health is seen as a key facilitator of this process.²

This call encourages researchers from a variety of backgrounds (including health care, psychology, anthropology for example) to work together to investigate these complex issues. Proposals that apply the learning from one context to a variety of other international settings and contexts are also welcome.

Research areas of interest may include, but are not limited to:

- 1) Learning from and developing community based responses to mental health challenges in the wake of environmental disaster and/or conflict, including co-design of responses and services.
- 2) Immediate and longer term responses to environmental disaster and/or conflict and the relationship between the two
- 3) Inequalities in quality and access of mental health services in the context of environmental disaster and/or conflict in different contexts and how this might be addressed.

¹ 'No health without mental health' M. Prince *et al*, The Lancet, September 04, 2007

² 'Mental health in Southeast Asia' A. Maramis *et al*, The Lancet, January 25, 2011

- 4) Awareness, resilience or susceptibility to mental health challenges in the context of environmental disaster and/or conflict and how this varies over time and by social circumstance.

Capacity Building in Big Data and Technology Development through Astronomy

Science and technology are the differentiators between countries that are able to tackle poverty effectively by growing and developing their economies, and those that are not. The extent to which developing economies emerge as economic powerhouses depends on their ability to grasp and apply insights from science and technology and use them creatively. Innovation is the primary driver of technological growth and drives higher living standards.³

Helping Southeast Asian partner countries to meet Sustainable Development Goal (SDG) 4 through enabling quality technical, vocational and tertiary education in areas and thereby increase the number of young adults who have relevant technical and vocational skills for employment in decent jobs is one way to improve the economic development of these countries. This will help increase much sought-after science and technology advancement that leads countries towards an innovation driven society in the long run. This builds on SDG 8 in promoting economic productivity through technology upgrading and innovation to focus on high-value added sectors, and SDG 9 by enhancing research, upgrading technological capabilities and encouraging domestic technology development, research and innovation.

Astronomy is a unique and cost-effective way to further economic development because technological and scientific revolutions underpin economic advances and improvements in health systems, education and infrastructure. ⁴ National research programmes in astronomy inspire the young to enter careers in science and technology. This not only creates an immediate impact on skills and training by encouraging students to study science and engineering, and equipping students with skills that can be exploited in other sectors leading increased economic development but it pushes the boundaries of science and technology and so supports the growth of a high-technology economy.

The UK has internationally leading expertise in areas such as telescope instrumentation, advanced optics, data handling and analysis. Moreover the UK has advanced the use of astronomy in STEM education programmes at all level both in the UK, through the National Space Academy, and in South Africa under the Newton Fund.

We propose activities around the following:

STEM education in schools

Capacity building in engineering post degree level through instrumentation development, robotics and advanced optics.

Capacity building in computing post degree level through astronomy data handling and analysis

³ IEEET 'The Role of Science and Technology in the Developing World in the 21st Century', Lee-Roy Chetty, 2012

⁴ International Astronomy Union Strategic Plan 2010 - 2020

Applicants must explain what skills will be developed, how this benefits the wider Southeast Asian economy and what future Southeast Asian research needs this meets.

Skills for using Large Facilities

Large facilities such as synchrotrons, neutron sources and high power laser facilities have impact in a broad range of science areas.

Synchrotron light covers a broad area of the electromagnetic spectrum, from infrared through to hard X-rays, and is used for research in biology, physics, materials and engineering, and structural and environmental chemistry. The range of materials that are studied is remarkably wide ranging from biomolecules to nanomagnets, and ancient Greek helmets to chocolate. The techniques available include X-ray diffraction, X-ray spectroscopy (XAFS), small-angle/wide-angle scattering, soft X-ray spectroscopy, photoemission, and imaging.

Neutron sources provide detailed information on the structure and dynamics of materials on the scale of atoms and molecules across a very wide range of science areas including

- condensed matter science
- materials science
- chemistry
- engineering
- earth science
- engineering
- archaeometry

Wide-ranging laser applications include experiments in physics, chemistry and biology, accelerating subatomic particles to high energies, probing chemical reactions and studying biochemical and biophysical processes.

We propose activities in general capacity building to improve country's ability to undertake and disseminate scientific research in order to maximise its impact in ODA relevant research areas. Activity should cover pure and applied science and be multi-disciplinary in nature. Activity may also include improving technical skills in instrumentation and data management. For example, up-skilling students, researchers & managers in a range of sciences in country through mobility and partnering schemes with relevant universities and research institutions. This would be delivered through access to ISIS, Diamond and the Central Laser Facility.

How to apply

Submitting your Proposal

This RCUK – DIPI – Ristekdikti – MoHE – DOST - TRF call will be managed through RCUK systems and hosted by EPSRC on behalf of all seven research councils, DIPI, Ristekdikti, MoHE, DOST, and TRF.

The full deadline is **16:00 BST (22:00 WIB, 22:00 ICT, 23:00 MYT, 23:00 PHT) 02 August 2016**. Any proposal received after this deadline **will not** be considered for funding.

Researchers will be responsible for developing their own collaborations. Once a research proposal is developed, UK and Southeast Asian applicants must apply jointly for funding to the RCUK -SEA Newton Small Scale Partnership Call 2016, via the EPSRC Je-S online application system (<https://je-s.rcuk.ac.uk>). Applications must be submitted by the UK Principal Investigator on behalf of the UK-Southeast Asia Small Scale Partnership. The application must be JOINTLY prepared and submitted in English. Once received, RCUK will share the applications DIPI, Ristekdikti, MoHE, DOST, and TRF.

The following documents must be included in the joint application.

- Joint Case for Support ✓
- Justification of Resources ✓(including both UK and Indonesian/Malaysian/ Filipino/ Thai justification)
- Indonesian/ Malaysian/ Filipino/ Thai costs proforma (please ensure you complete the relevant form/s to the Country/ies you are applying for funding from)
- CVs and publications ✓
- Letters of support ✓
- Any additional attachments required by Partner Country (please check Eligibility Criteria section of the Application Guidance document)

Failure to attach the mandatory attachments and complete the proposal form as outlined in the application guidance could result in your proposal being rejected. Please ensure you read the guidance thoroughly before starting your proposal.

Please Note: The Engineering & Physical Sciences Research Council (EPSRC) are hosting this call on behalf of the Research Councils, DIPI, Ristekdikti, MoHE, DOST, and TRF through the UK Research Councils' grant submission system known as 'Je-S'. It is a requirement of this call that successful proposals will be withdrawn from the call on Je-S after decisions have been made and re-submitted to the **lead remit council** of the proposal on Je-S for awards to be finalised and made. EPSRC remit grants will not need to be withdrawn and resubmitted.

In addition: Some Southeast Asian partners require applicants to submit to their own systems as well as Je-S. Please check the Eligibility Criteria and Funding Available section of the partner you are applying to for further information.

Key dates

Announce call for proposals (Je-S system opens)	25 May 2016
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Closing date for proposals	02 August 2016
UK-Southeast Asia Joint Panels	Early October 2016
Decisions announced	End of October 2016
Successful proposals withdrawn from EPSRC Je-S system by research offices and submitted to lead council by remit (not necessary for Research Council -remit grants)	Early November 2016
Grants commence	01 December 2016

Please note that all proposals that are planning to involve the use of humans or vertebrae animals/ other organisms covered by the Animals (Scientific Procedures) Act need to contact the RCUK Newton Fund team before submission. Contact details can be found at the bottom of this document.

Grant Start Dates

Due to the tight timescales and funding restrictions of the Newton Fund, UK grants must start by **01 December 2016**; ie the 'start confirmation' must be submitted by 01 December 2016 (this is shorter than the standard 42 days for Research Council grants).

Please refer to the RCUK terms and conditions for information on what the starting procedure entails; please inform the relevant support staff in your organisation of this requirement to ensure the project starts on time.

Assessment criteria and decision making process

Following submission, applications will be checked for eligibility under the relevant funding agency's rules, you must be eligible under all of the funding agencies your proposal comes under in order to go through to assessment. To be funded, proposals must be internationally competitive and at a standard equivalent to that normally expected to be supported by each funding organisation.

An independent assessment process will be led by RCUK and DIPI, Ristekdikti, MoHE, DOST, and TRF depending on the thematic area. All funders will fully contribute to the process, in the form of formulating guidance and suggesting panel members. Applications and panel meeting comments will be shared between relevant funders.

The grants will be assessed by an independent panel formed from suggestions from all of the funders involved in each thematic area. Depending on demand, the panel may shortlist the applications received, and applicants will be contacted if this is the case.

At the panel meeting proposals will be assessed by international experts chosen from all participating funding agencies against the following criteria:

- Research merit of the proposal
- Relevance of the proposal to the strategic objectives of the Newton Fund – including potential benefits and impact
- Strength and appropriateness of proposed partnership and collaboration
- Project management structure and resources, including value for money

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**UK-Indonesia – Malaysia – Philippines – Thailand Small Scale
 Research Partnerships Call for Proposals 2016
 RCUK – DIPI - Ristekdikti – MoHE – DOST - TRF application
 Guidance**

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1. Introduction

The Research Councils UK (RCUK), the Indonesia Science Fund (DIPI), the Ministry of Research Technology and Higher Education Republic of Indonesia (Ristekdikti), the Ministry of Higher Education Malaysia (MoHE), the Department of Science and Technology Philippines (DOST), and the Thailand Research Fund (TRF) are pleased to invite applications to the UK – Indonesia – Malaysia – Philippines – Thailand Small Scale Research Partnerships Call 2016.

This initiative will provide flexible short-term support for small-scale research and networking activities, with the objective of establishing sustainable collaborations between UK and Southeast Asian researchers in Indonesia, Malaysia, the Philippines and Thailand. This should lead to excellent research that will contribute to the economic development and welfare of Indonesia, Malaysia, the Philippines and/or Thailand.

Researchers will be responsible for developing their own collaborations and once a research proposal is developed, UK and Southeast Asian applicants must apply jointly for funding. For administrative purposes all projects will have a Principal Investigator (PI) based at a UK Research Organisation (RO) and a Principal Investigator based at a Southeast Asian RO. Southeast Asia and UK partners must work together to complete one joint application to be written in **English** and submitted by the UK lead Research Organisation to RCUK via the EPSRC Joint electronic System (Je-S) <https://je-s.rcuk.ac.uk/JeS2WebLoginSite/Login.aspx>

Please note: Some Southeast Asian partners require applicants to be submit to their own systems as well as Je-S. Please check the Eligibility Criteria section of the relevant partner for further information.

Important: This RCUK led call is held in collaboration with the 7 different research councils (AHRC, BBSRC, EPSRC, ESRC, NERC, MRC and STFC); please note you may need to complete additional attachments. Where information and guidance issued in this document differs from the general guidance offered in the Je-S documentation and specific council sources; you should adhere to the guidance in this document.

Failure to complete the proposal form as outlined in this document could result in your application being rejected.

2. Overview of application and review process

1. Call opens in the Je-S system **25 May 2016**; please now begin preparing your joint application in the system.
2. Joint application from the UK and Southeast Asian researchers must be received by **16:00 BST (22:00 WIB, 22:00 ICT, 23:00 MYT, 23:00 PHT) 02 August 2016**. All jointly prepared RCUK applications will be submitted to the Engineering & Physical Sciences Research Council (who will host this call) via the Joint Electronic System (Je-S). The UK PI will submit the application on behalf of all collaborators.
3. Joint panel meetings of academic experts selected by RCUK, DIPI, Ristekdikti, MoHE, DOST, and TRF will take place in **early October 2016**.
4. Successful proposals withdrawn from EPSRC Je-S system by research offices and submitted to lead council by remit (not necessary for EPSRC-remit grants) **late October 2016**.
5. Successful proposals begin in the Je-S system for the UK component on **01 December 2016**.

3. Eligibility and Funding Available

RCUK funding will be used to support the UK component of the partnership and Southeast Asian funding will support the Southeast Asian component.

RCUK-funded costs of each project will be provided via a grant issued and managed by the relevant Research Council, according to the remit of the research proposal, in accordance with their normal research funding guidelines and procedures.

DIPI/Ristekdikti/MoHE/DOST/TRF funded costs of each project will be provided via a grant issued and managed by DIPI/Ristekdikti/MoHE/DOST/TRF in accordance with their normal guidelines.

Please refer to the information below for the eligibility criteria and the funding available in from each funding partner, please note there are two funding partners in Indonesia who are offering funding for different topics.

3.1 Eligibility Criteria and Funding Available for the UK applicant

All projects **MUST** have a UK partner and a Southeast Asian partner from one of the participating Countries in that topic.

Background of the Funder	<p>Research Councils UK are the main UK delivery partner for the Newton Fund and are working strategically with partner countries to develop a series of research activities to address challenges defined by the overarching ambitions of the Fund.</p> <p>Research Councils UK (RCUK) are responsible for investing public money in research in the UK to advance knowledge and generate new ideas which lead to a productive economy, healthy society and contribute to a sustainable world. Each year the Research Councils invest around £3bn in research covering the full spectrum of academic disciplines from the medical and biological sciences to astronomy, physics, chemistry and engineering, social sciences, environmental sciences and the arts and the humanities. RCUK supports over 50,000 researchers including 19,000 doctoral students, around 14,000 research staff, and 2,000 research fellows in UK universities and in their own Research Institutes.</p> <p>There are seven Research Councils which make up RCUK. For more information about RCUK, please visit our website at http://www.rcuk.ac.uk/research/areas/</p>
Eligibility - UK eligible applicants	<p>The UK Principal Investigator (PI) and Research Organisation (RO) must be eligible to apply according to the relevant Research Council's guidance. Please identify the Council under whose remit the majority of the application falls and follow their guidance along with the <u>RCUK terms and conditions</u> which can be found at the following links:</p> <p><u>Research Councils UK (RCUK)</u> <u>Arts and Humanities Research Council (AHRC)</u> <u>Biotechnology and Biological Sciences Research Council (BBSRC)</u> <u>Engineering and Physical Sciences Research Council (EPSRC)</u> <u>Economic and Social Research Council (ESRC)</u> <u>Medical Research Council (MRC)</u> - MRC Units and Institutes are also eligible to apply <u>Natural Environment Research Council (NERC)</u> <u>Science and Technology Facilities Council (STFC)</u></p>

Participating topics	<p>RCUK are participating in all topics and all collaborations must have a UK applicant.</p> <p>The topics are:</p> <ul style="list-style-type: none"> • Creative Economy and Cultural Heritage • Energy- Food – Water-Environment Nexus • Mental Health • Capacity Building in Big Data and Technology Development through Astronomy • Skills for using Large Facilities
Funding available	<p>RCUK has approximately £50k - £100k available per project for a 1-2 year grant. The size of the grant will vary depending of the needs of each research project and must be fully justified.</p> <p>All research grants applications under RCUK are costed on the basis of full economic costs (fEC). If a grant is awarded, the Research Councils provide funding on the basis of 80% of fEC. The UK organisation must agree to find the balance of fEC for the project from other resources.</p>
What RCUK funding will cover	<p>Costs RCUK will cover:</p> <ul style="list-style-type: none"> • Administrative Support Staff – in exceptional circumstances only • Direct research costs (including consumables) • Travel and subsistence for exchange/mobility activities • Cost of workshops, meetings etc. <p>Costs RCUK will not cover:</p> <ul style="list-style-type: none"> • RCUK, due to Newton funding, cannot cover the cost of equipment/ capital over £10k under this call • Studentships (PhD) will also not be covered under this call • Researcher time, estates and indirect costs will not be covered under this call • Given the budget limit of proposals, coupled with the time restrictions on spend under Calls supported by the Newton Fund, we are unable to accept NERC shiptime or aircraft requests as part of this Call . All other NERC S&F must be fully costed within the limits of the proposal, and agreement that they can be undertaken within the timeframe of the spend must be provided by the facility.

3.1.1 Do I have to hold an RCUK award to be eligible to apply?

No. For this call you do not need to currently hold or have held an RCUK grant, but you must be eligible to apply within the relevant Research Council's guidance, as above.

3.2 Eligibility Criteria and Funding Available for the Indonesia Science Fund (DIPI) applicant

Background of the Funder	<p>In alignment with the mission of creating a scientific culture of excellence in Indonesia and meeting the scientific and technological challenges of today's globalized society, DIPI was established to provide support for researchers who show strong evidence and potential for exemplary scientific merit and development as independent investigators.</p> <p>Under the auspices of the Indonesian Academy of Sciences (AIPI), DIPI acts as an independent funding agency with the principal goal of</p>
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	<p>elevating the overall quality of Indonesian research and scientific output. A competitive funding source based on excellence, originality, and capability will provide the incentive and mechanism to further this goal.</p> <p>DIPI funds basic scientific investigations that show promise for increasing the knowledge value of scientific explorations in Indonesian society, while at the same time participating in the establishment of a vibrant Indonesian scientific research community on par with global and international scientific standards for excellence and merit-review.</p>
Participating topics	<p>DIPI are participating in the following topic, if you are an Indonesian academic, please also refer to the topics that Ristekdikti (3.3) are participating in:</p> <ul style="list-style-type: none"> • Capacity Building in Big Data and Technology Development through Astronomy • Skills for using Large Facilities
Funding available	<ul style="list-style-type: none"> • DIPI will support up to 5 projects in the <i>Capacity Building in Big Data and Technology Development through Astronomy and Skills for using Large Facilities</i> areas, applicants can apply for up to £20k per project on the Indonesian side for a 1-2 year grant.
Eligibility rules	<p>The Principal Investigator (PI) should demonstrate the ground-breaking nature, ambition, and feasibility of his or her scientific proposal. Priority is given to applications submitted by a PI with the ability to lead and be actively engaged in the proposed research investigation as evidenced by past publication(s) in national or international peer reviewed scientific publications. Highly exceptional applicants that do not yet have evidence of scientific publications but submit proposal ideas that meet DIPI scientific merit criteria may be considered.</p> <p>PI's must have affiliation with educational and/ or research based organization(s). Such affiliation may be with single or multiple organizations, government or private, for-profit or non-profit. PI's can only submit one application for this call, multiple applications will not be accepted.</p>
What DIPI will cover	<ul style="list-style-type: none"> • Staff – directly incurred post • Staff – directly allocated posts (PI and Co-I time) • Other research costs (including consumables, for policy on costs of equipment please email dipi-rcuk@dipi.id and aipi@aipi.or.id) • Travel and subsistence for exchange/mobility activities • Cost of workshops, meetings etc. • Estates and indirect costs • Research assistants (NOT for degree studentships/ PhD)
Additional forms that need to be completed	DIPI Cost Proforma

3.3 Eligibility Criteria and Funding Available for the Ministry of Research Technology and Higher Education Republic of Indonesia (Ristekdikti) applicant

Background of the Funder	The Ministry of Research Technology and Higher Education (Ristekdikti) is the main government institution in Indonesia overseeing policy of research and innovation. It holds national research calls schemes on various topics with a focus on applied research. This particular call is paired up with KLN and INSINAS calls.
Participating topics	Ristekdikti are participating in the following topic, if you are an Indonesian academic, please also refer to the topics that DIPI (3.2) are participating in: <ul style="list-style-type: none"> • Energy- Food – Water-Environment Nexus • Mental Health
Funding available	Ristekdikti will support up to 5 projects across the two areas above; applicants can apply for up to £20k per project on the Indonesian side for a 1-2 year grant.
Do I also need to submit an application to Ristekdikti?	No
Eligibility rules	<ul style="list-style-type: none"> • Indonesian applicant should hold at least a doctorate degree
What Ristekdikti will cover	<ul style="list-style-type: none"> • Staff – directly incurred post (max 30%) • Other research costs (including equipment, consumables – 30-40%) • Travel local and to the UK, but not for daily subsistence (15-25%) • Daily subsistence for UK researcher in Indonesia can be covered. • Cost of workshops, meetings etc (max 15%)
Additional forms that need to be completed	Ristekdikti Cost Proforma Letter of agreement with UK collaborator (institutional)

3.4 Eligibility Criteria and Funding Available for the Ministry of Higher Education Malaysia (MoHE) applicant

Background of the Funder	<p>Ministry of Higher Education, Malaysia implements the MoHE Fundamental Research Grant (FRG) and Research University (RU) grant to support the national research excellence agenda. FRG covers eight clusters, ie. Pure and Applied Science, Technology and Engineering, Clinical and Health Sciences, Social Sciences, Arts and Applied Arts, Natural and Cultural Heritage and Information and Communication Technology and supports research activities which range from basic fundamental to niche-based; transdisciplinary, long term high-impact research and prototype development research that is separate from commercialisation. FRG contributes towards the nine National Priority Areas (NPAs), ie. Transportation & Urbanization, Environment & Climate Change, Healthcare & Medicine, Bio-Diversity, Water Security, Food Security, Energy Security, Plantation Crops and Cyber Security. RU grant is a block grant allocated for higher education institution research development.</p> <p>For more information about MoHE research programmes, please visit our</p>
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	<p>website at https://mygrants.gov.my/main.php.</p>
Participating topics	<p>MoHE are participating in the following topics:</p> <ul style="list-style-type: none"> • Creative Economy and Cultural Heritage • Energy- Food – Water-Environment Nexus • Mental Health • Capacity Building in Big Data and Technology Development through Astronomy • Skills for Using Large Facilities
Funding available	<p>MoHE will allocate RM2 million, equivalent to £364k, to support 7-10 applications. The funding parameters for Science stream project costs will be from RM250,000 to RM550,000 (or £50k to £100k). Meanwhile, the maximum funding threshold for Arts stream project costs will be RM250,000 (or £50k).</p>
Do I also need to submit an application to MoHE?	<p>Yes</p> <p>Malaysian applicants should submit an identical application for administrative purposes to the MoHE online application system MYGRANTS (https://mygrants.gov.my/main.php).</p>
Eligibility rules	<ul style="list-style-type: none"> • The Malaysian PI must have been awarded a doctorate or have equivalent research experience at the time of application. Applicants working towards a PhD, or awaiting the outcome of their viva/submission of corrections are not eligible to apply. • Applicants must be Malaysian citizens and hold a permanent or fixed-term contract in an eligible university or higher learning institute in Malaysia. Applicants with fixed terms contracts finishing before their grant end-date must secure confirmation from their Head of Department, stating that their contract will be extended to cover the duration of the award if their application is successful. • Contact between the Malaysian PI and UK PI prior to the application is essential. This contact should lead to a clearly defined and mutually beneficial research project proposal. Please note that MoHE & RCUK will not be able to assist in locating a Malaysian or UK collaborator. • Applications cannot be accepted from Principal Investigators in commercial organisations. • Applicants must be competent in oral and written English. • The Malaysian Applicant's employing organisation must be willing to agree to administer the grant. <p>Queries regarding participation of UK campuses based in Malaysia should be directed to RCUKNewtonFundEnquiries@rcuk.ac.uk & faizahs@mohe.gov.my / tewooken@mohe.gov.my</p> <p>Malaysian applicants will need to adhere to MoHE progress and outcomes monitoring requirements. Please see Annex 1 or https://mygrants.gov.my/main.php for further details.</p>
What MoHE will cover	<ul style="list-style-type: none"> • Other research costs (including equipment, consumables) <ul style="list-style-type: none"> - Please note equipment should not exceed RM10,000 • Travel and subsistence for exchange/mobility activities • Cost of workshops, meetings etc. • Estates and indirect costs • Studentships (Masters and PhD) <p>In addition, Malaysian applicants are required to follow MoHE funding rules. These rules can be found in the MoHE cost proforma document.</p>

Additional forms that need to be completed	MoHE Cost Proforma form
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3.5 Eligibility Criteria and Funding Available for the Department of Science and Technology Philippines (DOST) applicant

Background of the Funder	<p>The Department of Science and Technology (DOST) is the government agency that provides central direction, leadership and coordination of scientific and technological efforts in the country. It ensures that the results of Research and Development (R&D) activities are geared and utilised in areas that will provide maximum economic and social benefits to the people.</p> <p>The DOST has three (3) sectoral planning councils namely: 1) the Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD); 2) Philippine Council for Health Research and Development (PCHRD); and 3) Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (PCAARRD). The PCIEERD and PCHRD are participating in this call for thematic areas on "Energy- Food – Water-Environment Nexus" and "Mental Health", respectively.</p> <p>The PCIEERD and PCHRD are mandated to perform the following functions for their delineated sectors: 1.) Formulate policies, plans, programs, project, and strategies for Science and Technology (S&T) development, 2.) Program and allocate government and external funds for R&D, 3.) Monitor R&D projects, and 4.) Generate external funds. For more information on PCIEERD and PCHRD, please visit www.pcieerd.dost.gov.ph and www.pchrd.dost.gov.ph, respectively.</p>
Participating topics	<p>DOST are participating in the following topics:</p> <p>PCIEERD will be participating in the topic-</p> <ul style="list-style-type: none"> • Energy-Food-Water-Environment Nexus <p>Please note for this topic that PCIEERD are unable to fund proposals which focus on the agricultural or health aspects of the theme. Any queries regarding this should be directed to: raulsabularse@gmail.com; or agmarino@pcieerd.dost.gov.ph</p> <p>PCHRD will be participating in the topic-</p> <ul style="list-style-type: none"> • Mental Health
Funding available	<p>PCIEERD has allocated approximately £43k per project (approx. Php3 million per project); expected to fund around 5 to 7 research projects through this joint call. The size of the grant will vary depending of the needs of each research project and must be fully justified.</p> <p>PCHRD will support 2 projects with funding assistance of up to £43k (approximately Php 3 million per project) to support activities over a 1-2 year period.</p>

	Funding and implementation for the Philippine-funded counterpart will start in January 2017.
Eligibility rules	<p>PCIEERD Eligibility Rules Any Filipino, public or private, entity with proven competence may apply for Grants-In-Aid (GIA) support of DOST and its grant-giving units, provided that projects are for the benefit of Filipinos. Preference will be given to public and private universities and colleges, Research and Development Institutes (RDIs), R&D Consortia, non-profit laboratories, other public or private non-profit S&T institutions located in the Philippines. Non-profit S&T organizations are those, which: (1) are operated primarily for scientific, educational, service, or similar purposes in the public interest; (2) are not organized primarily for profit; and (3) use its net proceeds to maintain, improve, and/or expand its operations. Non-profit organizations engaged in lobbying activities are not eligible to apply.</p> <p>PCHRD Eligibility Rules Filipinos with at least a Master's Degree in a relevant field, have proven research competence / track record, and employed in universities/colleges, research agencies/institutes, hospitals, and other health related agencies are eligible to apply for the research grant.</p> <p>Please refer to the DOST GIA Guidelines for eligibility and guidelines.</p>
What DOST will cover	<p>DOST-funded costs of each grant will be issued and managed by PCIEERD or PCHRD in accordance with its DOST Grants-In-Aid (GIA) guidelines.</p> <ul style="list-style-type: none"> • Staff – directly incurred post • Staff – directly allocated posts (PI and Co-I time) • Other research costs (including equipment, consumables) • Travel and subsistence for exchange/mobility activities • Cost of workshops, meetings etc.
Additional forms that need to be completed	<p>Eligible Filipino researchers seeking funding can apply for Grants-in-Aid (GIA) from DOST through the PCIEERD or PCHRD. Filipino researcher applicants should complete the DOST Form 2B-3 (LIB) which is downloadable at the link DOST forms or on the RCUK call page. The DOST-PCIEERD and DOST-PCHRD also require submission of a formal letter of intent from the applicant with a statement that the proposal is for RCUK-Philippines Research Partnership and an endorsement from the authorized head of their organization. All the required information by PCIEERD or PCHRD should be submitted by the Filipino applicant as supplementary documents together with their UK applicants via the Research Council Je-S System.</p> <p>The Grants-In-Aid award for the Philippine researcher shall be governed by the DOST GIA Guidelines. For additional information and downloadable resources, such as the DOST GIA guidelines, please see the PCIEERD and PCHRD websites: http://pcieerd.dost.gov.ph and http://www.pchrd.dost.gov.ph/</p>

3.6 Eligibility Criteria and Funding Available for the Thailand Research Fund (TRF) applicant

Background of the Funder	<p>The Thailand Research Fund (TRF) is a major research funding agency in Thailand, under office of the Prime minister. Our missions are to support funding for research, researchers, research network, and community empowerment with the vision to become one of the best research funding agencies in Asia, in terms of funding management and good governance.</p> <p>TRF support all disciplines, all areas, and all dimensions of research include upstream, midstream and downstream. The strategic plans are to create innovations in research management, strategic research issues, research utilization and social communication, international research network, digital TRF. TRF supports more than 20,000 researchers and 4,200 doctoral students.</p> <p>For more information about TRF, please visit our website at http://www.trf.or.th/</p>
Participating topics	<p>TRF are participating in the following topic:</p> <ul style="list-style-type: none"> • Energy - Food – Water-Environment Nexus
Funding available	<p>TRF will support up to 3 projects in the Energy - Food – Water-Environment Nexus theme. Thai applicants can apply for up to £20k per project on the Thai side for 1-1.5 year grant.</p>
Eligibility rules	<ol style="list-style-type: none"> 1. The Thai Principal Investigator (PI) must be at one of the following: <ol style="list-style-type: none"> 1.1 Higher Education Institution 1.2 Independent Research Organisation 1.3 Government Funded Organisation 2. Applicants must be Thai citizens and hold a permanent or fixed-term contract in an eligible university or research institute in Thailand.
What TRF will cover	<ul style="list-style-type: none"> • Staff – directly incurred post • Staff – directly allocated posts (PI and Co-I time) • Other research costs including consumables (not including the cost of equipment) • Travel and subsistence for exchange/mobility activities • Cost of workshops, meetings etc. • Estates and indirect costs
Additional forms that need to be completed	<p>TRF Cost Proforma</p>

3.7 Bilateral, trilateral/multilateral partnerships

The initiative is aimed at developing UK-Southeast Asia research partnerships. Applicants are invited to submit bilateral or trilateral/multilateral collaborative research proposals comprising eligible researchers from the UK, Indonesia, Malaysia, the Philippines or Thailand. All proposals will be required to have a UK Principal Investigator, in addition to a Principal Investigator from one or more of the partner countries. This call for proposals will require applicants to work together in partnership within transnational teams on research projects where each country's component is funded by participating agencies in their country (please refer to the eligibility criteria and funding available for each partner [3.1-3.6 above] for more information).

Funds cannot be used to cover the costs of participation of other countries. However the involvement of other countries will be considered if a strong strategic need is articulated in the proposal and it is made clear the 'other' partners have funding to support their involvement in the partnership. Please ensure you contact RCUKNewtonFundEnquiries@rcuk.ac.uk if you plan to include another partner.

4. Official Development Assistance (ODA) compliance

The Newton Fund forms part of the UK's Official Development Assistance (ODA) commitment which is monitored by the Organisation for Economic Cooperation and Development (OECD). ODA funded activity focuses on outcomes that promote the long-term sustainable growth of countries on the OECD Development Assistance Committee. Newton Fund countries represent a sub-set of this list.

The Fund requires that the funding be awarded in a manner that fits with Official Development Assistance (ODA) guidelines. All applications under this call must therefore be compliant with these guidelines. <http://www.newtonfund.ac.uk/about/what-is-oda/>

For more information on ODA please refer to the [RCUK Newton Fund Guidance](#).

5. Start and End dates of proposals

Due to the tight timescales and funding restrictions of the Newton Fund, the proposed start date on the Je-S system must be **01 December 2016, and the grant must end by December 2018.**

Please note that in order to start the grant the **start confirmation must be submitted by 01 December 2016** (shorter than the standard 42 days for Research Council grants). Please refer to <http://www.rcuk.ac.uk/RCUK-prod/assets/documents/documents/tcfecJan2015.pdf> for information on what the starting procedure entails; please ensure that you inform the relevant support staff in your organisation of this requirement to ensure the project starts on time.

6. Application Process

6.1 Application deadline

The deadline for applications is **16:00 BST (22:00 WIB, 22:00 ICT, 23:00 MYT, 23:00 PHT) 02 August 2016.**

Applications to this RCUK led call will be made through the Engineering & Physical Sciences Research Council (EPSRC) who are hosting this call on behalf of all seven Research Councils, DIPI, Ristekdikti, MoHE, DOST, and TRF. All applications to the EPSRC must be made through the RCUK Joint electronic-Submissions system (Je-S). The URL for the Je-S application system is: <https://je-s.rcuk.ac.uk/>

6.1.1 This is an RCUK led call why do I submit to the EPSRC?

Applications to this RCUK led call will be hosted by the EPSRC so all submissions must go to the EPSRC, regardless of remit. Applicants must identify within their Case for Support the actual Council they would apply to in terms of remit.

6.1.2 Do I submit a separate application to DIPI, Ristekdikti, MoHE, DOST, or TRF?

No. the application process is hosted by the EPSRC on behalf of RCUK, DIPI, Ristekdikti, MoHE, DOST, and TRF. After the application deadline RCUK will share the applications submitted with DIPI, Ristekdikti, MoHE, DOST, and TRF as appropriate.

6.1.3 Can I submit offline instead of using Je-S?

No. All applications must be submitted via the Je-S system. Proposals submitted by email will not be accepted for processing.

6.2 Submitting your application

To submit your proposal the UK Research Organisation must be registered for Je-S and the applicants must hold Je-S accounts. Further information and guidance is available on the [Je-S Help Pages](#).

After all mandatory sections of your proposal have been completed, the submit button will appear across the top menu bar. Please ensure that you have **completed all attachments** that are not standard mandatory attachments for Je-S but are a **mandatory requirement to be completed for this specific call**. **Failure to submit all of the mandatory attachments could result in your proposal being rejected.**

The submit button will route your finalised proposal to the authorising facility within your research organisation. **Please note this further layer of administration between your submission of the proposal and the proposal being submitted to the EPSRC (on behalf of RCUK), via Je-S.** The Research Organisation's submission route usually includes both an approver (ie head of department) and submitter pool (ie central finance office). Please allow sufficient time for completion of the research organisation's submission checks and authorisation.

The Research Councils cannot accept responsibility for any delay which may occur as a consequence. We strongly advise applicants to secure confirmation from their relevant administrator that the proposal has been successfully submitted to the EPSRC in good time before the call closes.

Once submitted, there are document maintenance actions that can be undertaken via the Document actions button. For example, the 'Show submission path' will indicate to you where in the organisation submission chain the proposal currently is located (and who holds current responsibility) - eg owner, approval pool, submitter pool or submitted to Council.

6.2.1 How much time will my Research Organisation need to process my application before submitting it to EPSRC?

This will depend on your Research Organisation, please contact your research office to confirm.

6.2.2 If my application does not reach RCUK by the deadline can it still be considered?

No. Applications not submitted by **16:00 BST (22:00 WIB, 22:00 ICT, 23:00 MYT, 23:00 PHT) 02 August 2016** will not be considered for funding.

7. Using the Joint electronic-Submission System (Je-S)

Please log in to your Je-S account via <https://jes.rcuk.ac.uk/JeS2WebLoginSite/Logout.aspx>, using the username and

password you have chosen (if you do not have a Je-S account, or have forgotten your password, please see the guidance provided further below).

- Select '**Documents**' from left hand menu list from your Je-S account home page
- Select '**New Document**' from within the Functions/create section of your documents page

Creating your Je-S application:

This RCUK funding call closes at **16:00 BST (22:00 WIB, 22:00 ICT, 23:00 MYT, 23:00 PHT) 02 August 2016.**

- Select Council: **EPSRC** (EPSRC are hosting this call on behalf of RCUK, DIPI, MoHE, DOST, and TRF– all applications regardless of remit must be submitted through the EPSRC)
- Select Document Type: **Standard Proposal**
- Select Scheme: **Newton Fund**
- Select Call/Type/Mode: **RCUK -SEA Newton Small Scale Partnership Call 2016**
- Select '**Create Document**' option

New Je-S Users: In order to gain access to the Je-S System, please Create an Account.

Je-S users having problems successfully completing login to their Je-S account: Retrieve User Name / Password.

Please telephone Je-S Helpdesk 01793 444164 should you require any assistance with the Je-S System.

It is the applicant's responsibility to ensure that the proposal is created and submitted against the correct call (and consequently correct scheme). We will not accept proposals for processing that are not submitted using the above call route.

7.1.1 Is my application a research or partnership grant?

Although your grant does promote partnership between UK and Southeast Asia it is primarily a research grant and **MUST** be listed as such throughout your project.

8. Application attachments

It is important that applicants **only submit the supporting attachments specified in this document**. It is recommended that attachments are uploaded in PDF (rather than Word) format, to ensure unsupported font type issues do not cause problems with maximum length requirements, please see Je-S guidance; <https://je-s.rcuk.ac.uk/Handbook/pages/SystemRequirementsFormatsandSa/SystemRequirementsFormatsandSa.htm>

This RCUK led call is held in collaboration with the 7 different research councils (AHRC, BBSRC, EPSRC, ESRC, NERC, MRC and STFC); please note **you may need to complete additional attachments, all of which are outlined below**. Where information and guidance issued in this document differs from the general guidance offered in the Je-S documentation and specific council sources; you should adhere to the guidance in this document.

Failure to complete the attachments as outlined below and within the specified page lengths could lead to your application being rejected.

The following are **mandatory** Je-S attachments for this call:

1. Joint Case for Support (please complete the template)
2. Justification of Resources (please complete the template)
3. Partner Country costs proforma (please complete the template)
4. CVs and publications (three A4 pages max for each investigator UK and Partner Country)
5. Letters of support (two A4 pages max)
6. Any additional attachments required by Partner Country (please check Eligibility Criteria section)

Optional

7. Proposal Cover Letter (two A4 pages max)

Important note: If you are unclear about whether you can include a specific attachment please contact RCUKNewtonFundEnquiries@rcuk.ac.uk for advice, as unrequested attachments can hinder the processing of your application. The Research Councils reserve the right to return or reject applications that include attachments not permitted on this call.

9. Joint Case for Support (please complete the template)

This is the body of your research proposal; applicants must complete the Case for Support template and attach it as a "Case for Support" document. The page lengths must not be exceeded for each section and must be in a minimum font size of Arial, 11 point, with margins of at least 2cm.

Please note: if your application includes human participation or the use of animals please ensure you fully complete these sections in the case for support. Failure to complete these sections appropriately could lead to your application being rejected.

10. Justification of Resources (please complete the template)

Please complete the template, it must be written in a minimum font size of Arial, 11 point, with margins of at least 2 cm, justifying that the resources requested are appropriate to undertake the research project. Please provide 2 A4 page of justification per Country (i.e. if you are working multilaterally with Thailand and Indonesia please complete 2 A4 page each for the UK, Thai and Indonesian costs)

You must complete one Justification of Resources (JOR) document; justifying both the UK costs and Southeast Asian costs and attach it to your application under "Justification of Resources". The JOR must contain a breakdown and explanation of the costs requested for this funding scheme by each partner taking into account the requirements outlined under the Funding Available section of this document.

The JOR should explain why the resources requested are appropriate for the research proposed, taking into account the nature and complexity of the research proposal. It should not be simply a list of the resources required, as this is already given in the Je-S form and the Southeast Asian costs proformas. **Where you do not provide explanation for an item that requires justification, it may be cut from any grant made.**

Please refer to the joint Research Council Je-S helptext <https://je-s.rcuk.ac.uk/Handbook/index.htm#pages/JeSHelpdesk.htm> further guidance.

11. Southeast Asian costs proformas

Please complete the appropriate costs proforma as detailed below, if you are collaborating with more than one of Southeast Asian Country please ensure you complete the appropriate forms of both/all of the agencies you are requesting funding from.

11.1 The Indonesia Science Fund (DIPI) applicant – cost proforma

Indonesian applicants that are eligible for DIPI funding should complete the DIPI cost proforma which is available on the RCUK call webpage. Guidance on how to fill out this form is available within the DIPI funding guidelines document which is also published on the RCUK webpage or available by request from: <http://www.dipi.id/en/grant-manual/>.

11.2 The Ministry of Research Technology and Higher Education Republic of Indonesia (Ristekdikti) applicant – cost proforma

Indonesian applicants that are eligible for Ristekdikti funding should complete the Ristekdikti cost proforma which is available at this link: <http://simlitabmas.dikti.go.id/> or on the RCUK call webpage. Guidance on how to fill out this form is available on the following website: <http://simlitabmas.dikti.go.id/>. Applicants for Ristekdikti should be aware of the two different schemes (KLN or INSINAS) that can be applied for under to this call and ensure they follow the correct scheme guidance.

11.3 The Ministry of Higher Education Malaysia (MoHE) applicant – cost proforma

Malaysian applicants should complete the MoHE cost preform available on the RCUK webpage, and ensure that MoHE financial rules are adhered to as listed in this document.

11.4 The Department of Science and Technology Philippines (DOST) applicant – cost proforma

Filipino applicants should complete the DOST Form 2B-3 (LIB) which is downloadable at the link [DOST forms](#) or on the RCUK webpage. Please note that the Budget request should follow guidelines stated in the DOST AO 005 S 2013 "Guidelines For The Grants-In-Aid Funds Of Department Of Science And Technology And Its Agencies".

11.5 The Thailand Research Fund (TRF) applicant – cost proforma

Thai applicants should complete the TRF cost proforma available on the RCUK webpage.

12. CVs and publications (maximum of three sides of A4 per applicant)

A CV for each Principal Investigator and Co-Investigator must be included. This should include contact details, qualifications (including class and subject), academic and professional posts held since graduation, a list of the most relevant and recent publications, and a record of research funded by the Research Councils and other bodies.

This should not exceed three A4 sides. It is expected you would use two pages for the CV and one page for publications.

13. Letter of support (maximum of two sides of A4 per applicant)

Please include letters of support for the following:

- From the Partner Country institutions involved in the project (where applicable in the funding agency Eligibility Criteria)
- Any organisations entered on the Je-S form as 'Project Partners'. A Project Partner is an organisation which contributes in cash or in kind to the project but which is not requesting any money.
- From both PI's when animal research is proposed. Please see section 15.7 in this guidance "use of animals" for further information. This letter needs to be signed by all PIs involved.
- Where the Southeast Asian partner or another third party (ANY organisation other than the UK RO) is responsible for recruitment of people as research participants and/or providing human tissue. This letter needs to be signed by all PIs involved.

14. Cover Letter (maximum of two sides of A4)* Optional

You may include a cover letter.

15. Completing your Je-S Form

Please complete the full Je-S form. [The initial Je-S document instructions](#) page will give you general guidance on the navigation layout, specifically icon descriptions. The left hand column 'Document Menu' lists all the sections associated with this call and clearly identifies which ones are mandatory (red cross, turning to green tick when completed). The details below are not an exhaustive step-by-step guidance, and it is recommended that you refer to the [Je-S helptext](#) for additional information.

Please note you may return to edit saved documents at any time.

15.1 Project details

- Select organisation and department from drop down lists
- 'Your Reference' should be supplied by your research organisation (consult your Research Office). If your administration office does not have a system for referencing grant proposals, a suitable reference of your own choice will be acceptable. Use "Your reference" to help distinguish easily between proposals in users' Current Documents lists. The reference is intended to be a unique identifier for the proposal, and is unrelated to the reference that the organisation would be asked to provide if a grant were awarded.
- Enter 'Project Title' (maximum limit of 150 characters)
- For 'Proposal Call', select *RCUK -SEA Newton Small Scale Partnership Call 2016*. Your start date should be before 01 December 2016. Your grant should be a proposed duration of no more than 24 months.

15.2 Investigators

Enter the name of the Principal Investigator (PI) and any Co-Investigators (Co-Is).

Investigators may be from more than one Research Organisation but the UK PI must be from the Organisation that will administer the UK side of the grant. The PI will take intellectual leadership of the project and manage the research; this individual will be the contact person for Research Council correspondence. All named investigators are

responsible for ensuring that successful proposals are undertaken and completed in the manner specified.

Please note that it is mandatory that you answer positively to the question 'Post will outlast project?' To clarify, there is an expectation that the PI's post will be in place for the duration of the project.

15.2.1 Do both Southeast Asian and UK investigators need to be registered on the Je-S system?

Yes. For any submission through the UK Research Council online submission system, **ALL** named investigators (Principal Investigator and all Co-Investigators) must be registered users. For this initiative, that includes all named UK and Southeast Asian investigators. Easy instructions to register are available here. For help with using Je-S please contact the Je-S helpdesk:

Email: JeSHelp@rcuk.ac.uk

Phone: +44 (0)1793 444164

Je-S website: <https://je-s.rcuk.ac.uk/JeS2WebLoginSite/Login.aspx>

15.2.2 How do I put the UK Principal Investigator and Co-Investigators on the Je-S form?

Please input the UK PI under the Principal Investigator and the Co-Investigators under Co-Investigator as normal. However, you will need to record the number of hours charged for all investigators as zero. This is because UK researcher time is not an eligible cost for this call and costs for Southeast Asian investigators are entered on a separate form. The cost estimate for all UK and Southeast Asian investigators should therefore be zero.

15.2.3 How do I add the Southeast Asia Principal Investigator and Co-Investigators to the Je-S form?

The Je-S form only allows there to be one Principal Investigator on a grant. However, grants under this call will have at least two PI's: one from the UK and one or more from Southeast Asia. For the purposes of completing the Je-S form, please enter the UK PI on to the system as the PI. Please add the Southeast Asian PI/s on to the Je-S form as a Co-Investigator, as well as any other UK or Southeast Asian Co-Investigators.

Please add all Southeast Asian Co-Investigators on to the form as below:

From the document menu select Co-Investigator option.

Select Add New Co-Investigator Item

Project Details
Investigators
Principal Investigator
Co-Investigator
Objectives
Summary
Technical Summary
Academic Beneficiaries
Communications Plan
Impact Summary
Resource Summary
Other Support
Related Proposals
Related Proposals

Scheme: Research Grant
Project Title: NIRG
Organisation: Zorg Testing Organisation ft

Please select a Co-Investigator for the Grant

Add New Co-Investigator Item

Name

- Choose the Select option (Je-S Person Search pop-up window appears). Search for and select the Co-Investigator from the search results. **Please**

note: Uncheck the tick box so you search for people outside of the lead organisation.

- b) Select Yes option
- c) Indicate the total number of hours the Southeast Asian Co-Investigator will be working on the project. Please note; must be a minimum of 1.
- d) Cost Type (defaults to Directly Allocated), leave as DA.
- e) Indicate 1 as the salary rate. **Please note** if the Co-I wishes to indicate their annual salary then this should be **converted to sterling**.
- f) Contracted Hours per week eg if the Co-I's overseas institution contract is fulltime then they should indicate 100. If they have a part-time contract at their RO, please indicate the appropriate % depending on their actual contract.
- g) Number of hours charged should be 0 (zero).
- h) Select the calculate button (**cost estimate will be 0**). All the costs associated with the Southeast Asian PI and Co-Is will be recorded on the Southeast Asian costs proforma
- i) Select the 'Save' to save the information. Section should then validate (green tick instead of red circle with cross).

15.3 Resources

All resources requested for both Southeast Asia and the UK must be fully justified in the Justification for Resources.

Within the Je-S form, please enter the costs to be incurred by the **UK Research Organisation and NOT those to be incurred by the Southeast Asian Research Organisation**.

RCUK will provide up to £2.7m funding with an overall limit, of approximately £50k - £100k per grant on the UK side. All research grants applications under RCUK are costed on the basis of full economic costs (fEC). If a grant is awarded, the Research Councils provide funding on the basis of 80% of fEC. The UK organisation must agree to find the balance of fEC for the project from other resources.

15.3.1 Do I include my Southeast Asian costs on the Je-S form?

No. These costs must be included within your the appropriate costs proforma on the template and must be fully justified within your Justification of Resources.

15.3.2 How are grants paid?

UK Research Councils will pay the UK component of the award directly to the lead UK Organisation, which where necessary will be responsible for disbursing the funds to other UK Co-Investigators. DIPI/ Ristekdikti/ MoHE/ DOST/ TRF will pay the approved projects according to their regular procedure.

15.3.3 Can I apply for publication costs?

Publication costs are no longer awarded and should not form part of your application. This is in line with RCUK terms and conditions. These costs are available from your Research Organisation via the block grant they receive for Publication costs.

Staff costs

Researcher time will not be eligible for this call. In exceptional circumstances funding for a small amount of administrative staff time can be included, please see the 'Other directly allocated costs' section below.

Please note: Time allocation for both **UK and Southeast Asian investigators (e.g. the PI and Co-Is)** must be entered under 'Directly Allocated Staff' but the salary rate

should be entered as zero. Please also see 17.2.3 How do I add the Southeast Asian Principal Investigator and Co-Investigators to the Je-S form? for more information.

Travel and Subsistence costs

Add each item of Travel and Subsistence required for your project. You should indicate the calculations upon which this figure is based in the 'Destination and Purpose' box.

15.3.4 How should costs associated with travel or subsistence be allocated?

There are no specific rules regarding travel and subsistence costing for proposals. In international collaborations there is a precedent for the country sending a researcher to pay for the airfare and the country hosting to pay for accommodation, but there is no specific requirement. As with all costs, a clear explanation will be necessary to justify all travel and associated costs.

Capital costs

Under the Newton Fund we cannot accept costs for capital ie equipment costing over £10,000 on the UK side.

Other directly incurred costs

Including specified consumables, consultancy fees, equipment costing less than £10,000, recruitment and advertising costs to be incurred by the UK Research Organisation.

Other directly allocated costs

Including administrative support staff salaries (where fully justified), a share of the costs of departmental support staff and the costs of access to major research facilities.

Estates and indirect costs

Estate and indirect costs will not be eligible for this call.

Exception costs

Exceptional costs are not expected within this call. If applicants feel it is essential they should discuss any exceptional cost by emailing RCUKNewtonFundEnquiries@rcuk.ac.uk in the first instance, explaining the cost and why it is essential to the success of the proposal.

15.4 Project partners

If you have secured a commitment from another organisation or funding body (other than the country partner) to provide additional resources for this project, the details of that support should be entered here. A letter of support from each partner organisation confirming the level of support specific to this proposal must be included as an attachment via this section.

15.5 Other support

Enter details of any support sought or received from any other source for this or other research in the same field in the past three years. Complete all fields for support either received or pending a decision. Contributions from project partners should not be entered here - they should be detailed in the project partners section.

15.6 Human Participation

Please note that all proposals that are planning to involve the use of humans or vertebrae animals/ other organisms covered by the Animals (Scientific Procedures) Act need to contact the RCUK Newton Fund team before submission. Contact details can be found at the bottom of this document.

The Research Organisation is responsible for managing and monitoring the conduct of medical and health research in a manner consistent with the Department of Health's Research Governance Framework for Health and Social Care. There must be effective and verifiable systems in place for managing research quality, progress and the safety and well-being of patients and other research participants. These systems must promote and maintain the relevant codes of practice and all relevant statutory review, authorisation and reporting requirements.

Guidance by the MRC on the conduct of medical research, and by ESRC on the conduct of social science research, provided on behalf of all Research Councils, must be observed. In particular, for research involving humans to take place overseas is that for research to be undertaken internationally, both local and UK ethical approval is required.

All research involving human participants must be undertaken in accordance with relevant policies and guidance and recorded on the Je-S form. Researchers should ensure equivalent up-to-date information relevant to ethical and legislative requirements in Southeast Asia is determined and addressed in any application. For clinical studies involving human participants and/or patients in the UK or overseas, appropriate consent must be obtained.

Significant developments must be assessed as the research proceeds, especially those that affect safety and well-being, which should be reported to the appropriate authorities and to the Research Council. The Research Organisation must take appropriate and timely action when significant problems are identified. This may include temporarily suspending or terminating the research.

Where there is recruitment of people as research participants and/or providing human tissue, details should be included in the Case for Support.

15.6.1 My research involving humans will take place in Southeast Asia should I still put it into the Je-S form?

Yes, whether the research involving humans is taking place in the UK or Southeast Asia it needs to be captured in the Je-S form.

15.7 Animal Research

Please note that all proposals that are planning to involve the use of humans or vertebrae animals/ other organisms covered by the Animals (Scientific Procedures) Act need to contact the RCUK Newton Fund team before submission. Contact details can be found at the bottom of this document.

Applicants are expected to have developed their proposals in accordance with the cross funder guidance for the use of animals in research Responsibility in the Use of Animals in Bioscience Research and NC3Rs Guidelines: Primate Accommodation, Care and Use.

Experiments using animals funded by the Research Councils must comply with the Animals (Scientific Procedures) Act 1986 (ASPA), amended 2012 and any further embodiments, in:

- using the simplest possible, or least sentient, species of animal appropriate;
- ensuring that distress and pain are avoided wherever possible;
- employing an appropriate design and using the minimum number of animals consistent with ensuring that scientific objectives will be met.

Advice on opportunities and techniques for implementing these principles can be found on the NC3Rs website: www.nc3rs.org.uk

In particular, UK Institutions should be aware of the following aspect of the guidance relating to research or collaboration outside the UK:

"When collaborating with other laboratories, or where animal facilities are provided by third parties, researchers and the local ethics committee in the UK should satisfy themselves that welfare standards consistent with the principles of UK legislation (e.g. the Animals (Scientific Procedures) Act 1986), and set out in this guidance, are applied and maintained. Where there are significant deviations, prior approval from the funding body should be sought and agreed.

Where there are significant deviations, prior approval from the funding body should be sought and agreed. International research should also be compliant with all relevant national and local regulatory systems in the host country where the research is to be conducted." Responsibility in the Use of Animals in Bioscience Research

15.7.1 My animal research will take place in Southeast Asia should I still put it into the Je-S form?

Yes, whether the animal research is taking place in the UK or Southeast Asia it needs to be captured in the Je-S form. You must also include information in the Case for Support.

15.7.2 If I am using animals what information do I need to include on the Je-S form?

Please ensure that if you are using animals you select the appropriate species and keep in mind the following. **The animal species section must be completed irrespective of whether funding for the animals is requested as part of the proposal.**

Researchers must provide well justified information in their applications concerning the experimental design and its suitability to answering the research questions posed.

While RCUK recognises that there are ethical imperatives to reduce the number of animals used, it is also unethical to conduct a study that because of its limited size has inadequate statistical power to robustly answer a research question. Applicants should therefore provide adequate justification for their choice of design and numbers of animals and interventions. It is important that adequate information is given concerning methodological issues. Planned procedures to minimise experimental bias (for example, randomisation protocols, blinding) should be outlined or an explanation included as to why such procedures are not appropriate. Each experiment does not need to be described in detail, but sufficient information must be included that reviewers are readily able to understand the experimental plan. The scientific rationale for the experimental design should be explained in the Case for Support.

Researchers must provide a properly constructed justification of how the numbers of animals to be used were determined. In general it would be expected that professional statistical advice will be sought in putting this section together. In many instances this section will include statistical power calculations based on justifiable and explicit assumptions about the anticipated size of the experimental effects. If statistical power calculations are not given, applicants should provide a principled explanation of the choice of numbers. In general, explanations based solely in terms of 'usual practice' will not be considered adequate. An overview of

the planned statistical analyses and their relation to the choice of sample size should be included.

15.8 Ethical Implications

Ethical issues should be interpreted broadly and may encompass, among other things, relevant codes of practice, the involvement of human participants, tissue or data in research, the use of animals, research that may result in damage to the environment and the use of sensitive economic, social or personal data.

15.9 Approvals

The Principal Investigator and Research Organisation are responsible for ensuring that ethical issues relating to the research project are identified and brought to the attention of the relevant approval or regulatory body within the UK and Southeast Asia. Approval to undertake the research must be granted before any work requiring approval begins. Please indicate all approvals sought, whether in the UK or Southeast Asia, if it is none of those listed below, please put the information into the other bodies section. Successful proposals may be expected to provide copies of these permissions before funding is released.

15.9.1 The research requiring approvals will take place in Indonesia/Malaysia/the Philippines or Thailand, do I need to seek UK approval?

Yes, you must seek approval within the UK even if your research will take place in another Country, please indicate the approvals you have sought/will seek within your application.

15.9.2 Do you require the approvals to make funding decisions?

We do not require the approvals for making a funding decision but they must be in place before the project can start.

15.10 Proposal classifications

You should populate the Research Area/Qualifiers/Keyword sections to provide a comprehensive description of the research areas covered in the application.

The Proposal classification area is a harmonised (and expanded) structure agreed with other Research Councils. Therefore, if your area of expertise crosses the remits of more than one Research Council you will now only need to provide the information once.

16. Assessment Process and Criteria

Following submission, assessment will be undertaken by the funding agencies. To be funded, proposals must be internationally competitive and at a standard equivalent to that normally expected to be supported by each funding organisation.

Key assessment criteria for the submissions will be:

- Research merit of the proposal
- Relevance of the proposal to the strategic objectives of the Newton Fund – including potential benefits and impact
- Strength and appropriateness of proposed partnership and collaboration
- Project management structure and resources, including value for money

Applications received will be assessed by the joint UK-Southeast Asia Review Panel in early October. This panel will consist of academic experts from both UK and Southeast Asia, where final decisions will be made.

17. Post Award

After the decision meeting, applicants will be informed of the outcomes. If your application is successful you will be provided additional guidance on how to start your project, dependent on your applications remit.

17.1.1 My application is not within EPSRC remit what do I do if I get awarded?

If your application is awarded and not within EPSRC remit following the meeting you will be informed and given guidance on how your application will need to be moved to the relevant Research Council's Je-S system by your research office. Please note there will be some administrative work for research offices to move their grants over appropriately, please see below the expected timeline for this:

Panel Meeting	Early October 2016
Applicants are informed of outcome	End October 2016
Applicants must resubmit an identical application	Early November 2016
Grant processing	November 2016
Award letters issued	November 2016
Applicants must accept the award and return the start confirmation to activate their award	01 December 2016

17.1.2 My application is within EPSRC remit what do I do if I get awarded?

Your award will remain on the EPSRC system and go through the award system as normal.

18. Contact information

This is a guidance document created to assist applicants applying to this Newton fund call with the completion of their proposal. It is specific to this call and should be used in conjunction with the following information:

- **Je-S help text** is available in every page of your Je-S form, simply click on the question mark against any section (or on the word 'Help' in the top right hand corner of each page)
- **Je-S helpdesk** (for all Je-S system enquiries)
jeshelp@rcuk.ac.uk or 01793 444164

If you experience difficulties using Je-S or have questions regarding its use, helpdesk staff can be contacted Monday to Friday 09.00-17.00 UK time (excluding bank holidays and other holidays). Out of hours: please leave a voice message.

When reporting problems by email or telephone, please give your name, organisation and user id, the date and time, what part of the form or system you were working on, and the nature of the problem.

For further information regarding the call please contact:

- Kim Fuggle, International Policy Manager- Newton Fund, RCUK
Email: RCUKNewtonFundEnquiries@rcuk.ac.uk
Telephone: 01793 444352

Annex 1: Malaysian Ministry of Higher Education Progress and Output/Outcome Requirements

The following information is for Malaysian applicants receiving funding from MoHE only.

Progress and Output/Outcomes Monitoring

All approved projects shall be monitored on two aspects as below:

- i. Physical performance; and
- ii. Financial performance

Every Malaysian project PI shall submit a Physical Performance Report and Financial Performance Report to MoHE. The forms referenced below are available on the MoHE website here: <https://mygrants.gov.my/main.php> or by contacting MoHE coordinators for this call.

Such reports will consist of:-

(i) Form RCUK-MoHE (M1) / Borang RCUK-MoHE (M1)

- Project physical performance report;
- To be completed by the individual project PI together with the project CI/s;
- Submitted to HEIEP, MoHE every 15 January and 15 July; and
- To be endorsed by the Malaysian RO before submission to HEIEP, MoHE.

(ii) Form RCUK-MoHE (F1) / Borang RCUK-MoHE (F1)

- Project financial performance report;
- To be completed by individual Malaysian RO; and
- Submitted to HEIEP, MoHE every 15 January and 15 July together with Form RCUK-MoHE (M1) / *Borang RCUK-MoHE (M1)*.

(iii) Project Final Report, Form RCUK-MoHE (M2) / Borang RCUK-MoHE (M2) (both in hardcopy and softcopy / to be submitted within 3 months upon project completion by using MoHE's format that includes:

- a) Research and project finding summary;
- b) Financial report;
- c) Asset inventory report; and
- d) Output (evidence provided)
 - a. Project linked students (Name & Student Matrics No.)
 - b. Publications
 - c. Intellectual Property (if any)
 - d. Commercialisation (if any).

Annual monitoring may be conducted through presentation to the MoHE Evaluation Committee. Requirement for site visits and project verification is subject to the MoHE Evaluation Committee decision.

Asset inventory and management falls under the jurisdiction of the relevant institutions. The ownership for such assets shall fall under the Government of Malaysia and the relevant institutions, and any disposure shall be conducted in a regulated manner.



UK – Indonesia – Malaysia – Philippines - Thailand Asia Small Scale Research Partnerships Call for Proposals 2016
Case for Support

This template should be completed using: Arial (or an equivalent) and a minimum font size of 11. A minimum of single line spacing and standard character spacing must be used. Margins must not be less than 2cm and the document must stay within the page lengths specified for each section.

1. General Information

Project Title *[up to 150 characters]*

Theme

Please identify the theme which you are applying to under this call, as listed below

- *Creative Economy & Cultural Heritage*
- *Energy- Food – Water-Environment Nexus*
- *Mental Health*
- *Capacity Building in Big Data and Technology Development through Astronomy*
- *Skills for using large facilities*

Lead Research Council (AHRC, BBSRC, EPSRC, ESRC, MRC, NERC, STFC)

*Please provide the name of the Council under whose remit the **majority** of the application falls (please only choose one research council here, if you think it falls under other councils too please list them in the below Secondary Research Council/s section)*

Secondary Research Council/s (AHRC, BBSRC, EPSRC, ESRC, MRC, NERC, STFC)

Please identify if your application also falls under any other Council/s remits.

Southeast Asian Funding Agency (DIPI, Ristekdikti, MoHE, DOST, TRF)

Please provide the name of the funding agency/ies you are applying to from Indonesia, Malaysia, the Philippines or Thailand listed above for your reference; please ensure you include all agencies if working multilaterally.

Please note: if the pages exceed the specified lengths your application may be rejected.

1. Previous track record of applicants and links between proposed partners

Please summarise how the UK and Southeast Asian partners will work together and any previous interactions or experience of working internationally and collaboratively. Please take into account track records of the applicants and institutions and provide details of any facilities that are required to undertake the project outside of the host institutions. [Maximum 1 side of A4]

2. Official Development Assistance (ODA) compliance

*Please provide a statement and **evidence explaining how** your proposed research is compliant with Official Development Assistance (ODA) guidelines. Proposals must contribute towards the economic development and welfare of Indonesia/ Malaysia/ the Philippines and/or Thailand. For more information on ODA please refer to the <http://www.newtonfund.ac.uk/about/what-is-oda/> and RCUK Newton Fund Guidance. Your ODA compliance will be assessed from this statement so please ensure you consider this in detail. **If your proposal is not considered ODA compliant it will be rejected.***

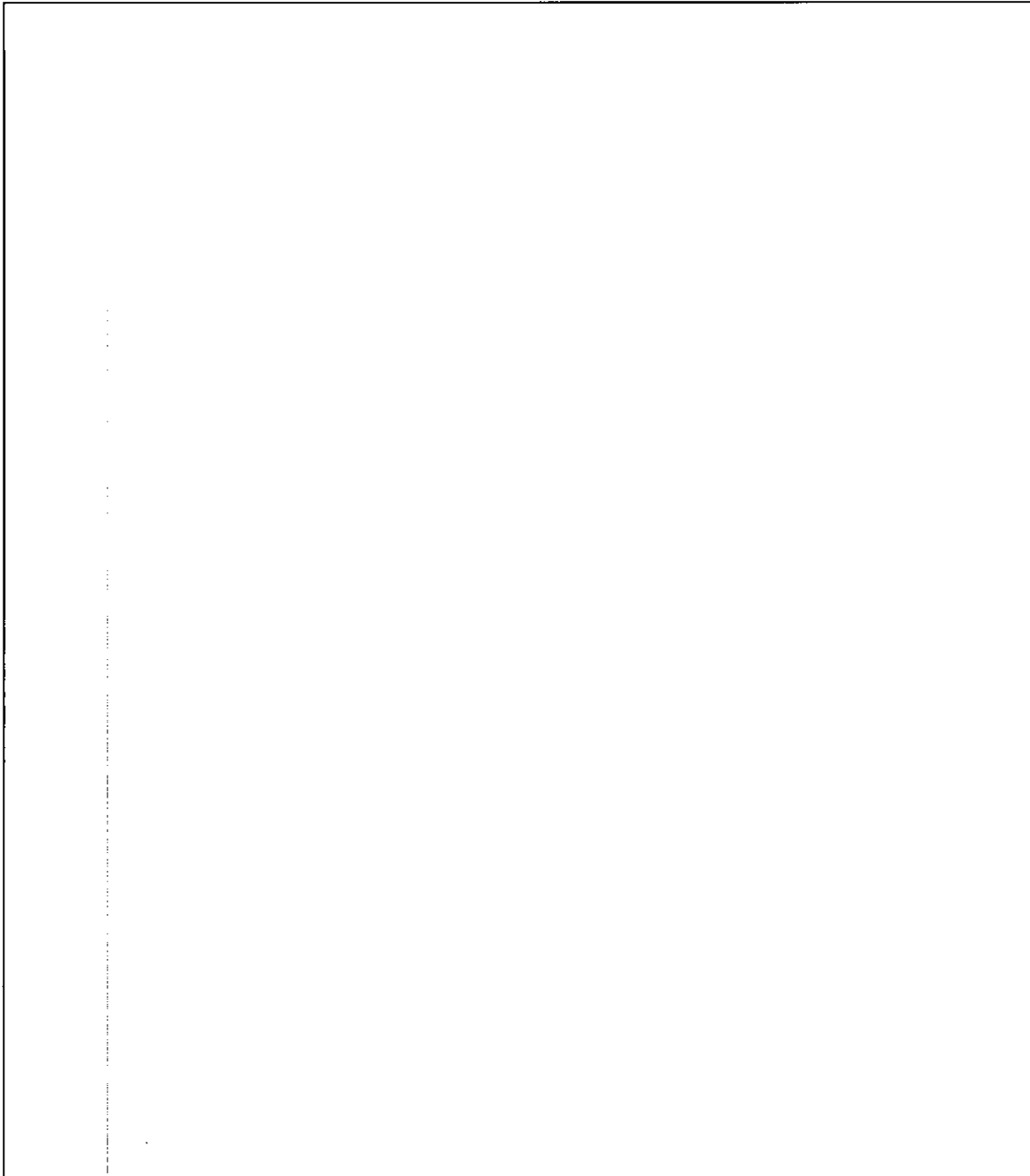
[Maximum 1 A4 page]

3. Detailed Research Information

a) Current landscape

Describe how the current priorities and challenges in Southeast Asia, the UK and other developing countries will be addressed through this project demonstrating knowledge and understanding of past and current work in the subject area

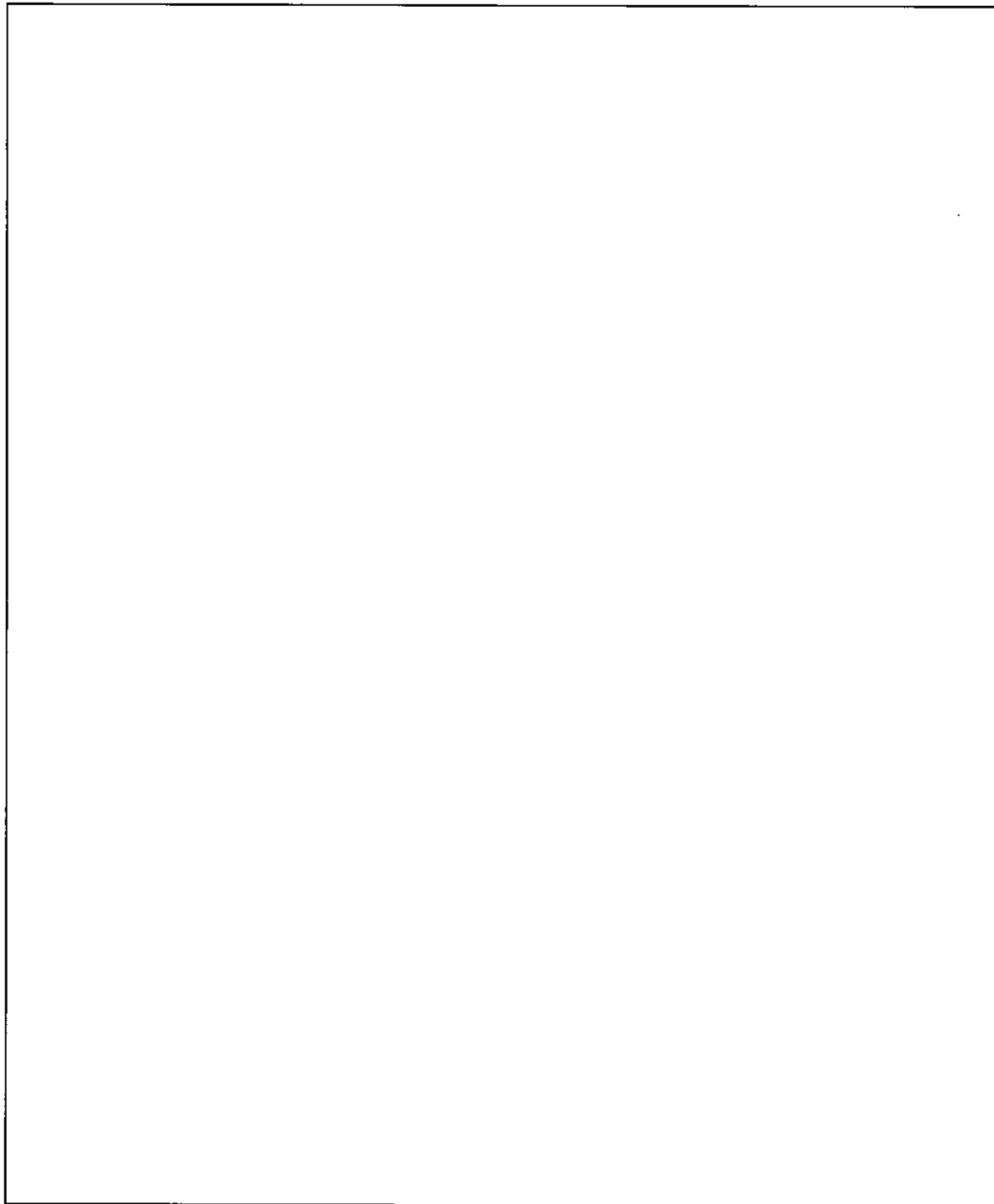
[Maximum 1 side of A4].



b) Description of proposed work

Please describe the research and partnership activities proposed. Please also identify any risks and mitigation strategies.

[Maximum 3 sides of A4]



4. Human Participation

Please provide the following information **if your project involves any kind of human participation** (please note that this is a requirement of the call). Any human participation must abide by UK and the relevant Southeast Asian Countries standards whether it is taking place in the UK or Southeast Asia. Failure to complete this section may result in your proposal being rejected. If the project does not involve humans, please write 'Non applicable':

- Please indicate **where** the recruitment of the human participants/ samples/ tissue will take place and the appropriate agreements.
- Please identify any ethical or health and safety issues arising from any involvement of people, human samples or personal data in the research proposal. Please give details of how these will be addressed and any specific risks mitigated.
- Please explain how the proposed research will be carried out to a high ethical standard and how the research will abide by relevant legal requirements **in the UK and the relevant Southeast Asian Country**.
- Please indicate the ethical approvals and research governance arrangements that will be sought/ have been sought and will be in place ahead of starting the grant in both the **UK and the relevant Southeast Asian Country**. (This may include arrangements for supporting and providing expert ethics advice to researchers, should unanticipated ethics issues arise, throughout the lifecycle of the grant.)
- If you're using human samples/tissue please also provide information on the following:
 - That what is being supplied is suitable for the research being undertaken.
 - That the quantity of tissue being supplied is suitable, but not excessive for achieving meaningful results.

[Maximum 1 side of A4]

5. Justification of animal use (if applicable)

Sufficient information and justification regarding **any animal research proposed**, regardless of country, must be provided. Any use of animals must abide by UK and the relevant Southeast Asian Countries standards whether it is taking place in the UK or Southeast Asia. If the project does not involve animal use, write 'Non applicable'

Applications including the use of animals should fully justify the animal use, including the following.

A statement that:

- They will adhere to all relevant national and local regulatory systems in the UK and the relevant Southeast Asian Country.
- They will follow the guidelines laid out in the Responsibility in the use of animals in bioscience research document and ensure that work is carried out to UK standards.
- Before initiation of the proposed research work, appropriate approvals from Institutional and/or central animal ethics committees will be obtained for experimental protocols to be adopted in their projects from both the UK and the relevant Southeast Asian Country (this is a requirement regardless of where the research is taking place). Successful proposals may be expected to provide copies of these permissions before funding is released.

Please also detail the following:

- Please indicate **where** the animal research will take place (UK or overseas) and through which funder the resources are being sought. Applicants should include confirmation that animal welfare standards at the UK and the relevant Southeast Asian Country institutions meet the requirements outlined above.
- Justification of the choice of design and numbers of animals and interventions.
- Adequate information concerning methodological issues.
- Information on the planned procedures to minimise experimental bias (for example, randomisation protocols, blinding) should be outlined or an explanation included as to why such procedures are not appropriate.
- Power calculations.
- The rationale for the experimental design.
- Any additional information which was not included in the proposal document but which is pertinent to the animal research proposed and which the funders should be aware of.

[Maximum 1 side of A4]

6. Work plan

*Please provide a Gantt chart, or diagrammatic work plan, for the project including milestones
[Maximum 1 side of A4]*

Signed by the UK and International Partner

Date

UK PI

Date

Indonesian/ Malaysia/ Filipino/ Thai PI (delete as needed)

Input more as needed



UK –Indonesia – Malaysia – Philippines - Thailand Small Scale Research Partnerships Call for Proposals 2016
Justification of Resources

COMPLIANCE WITH THE DATA PROTECTION ACT 1998

In accordance with the Data Protection Act 1998, the personal data provided on this form will be processed by RCUK, and may be held on computerised database and/or manual files. Further details may be found in the guidance notes

This template should be completed using: Arial (or an equivalent) and a minimum font size of 11. A minimum of single line spacing and standard character spacing must be used. Margins must not be less than 2cm and the full document must be no more than **2 A4 pages per Country**.

Summary of combined total requested

Please complete all boxes.

	In Indonesian/Malaysian/ Filipino/ Thai (please delete as appropriate) currency	In UK pounds
Indonesia/Malaysia/ Philippines/Thailand (please delete as appropriate) funding requested		
UK funding requested		
Total funding requested		

UK Applicants – All PIs and Co-Is listed must be added to the JeS system

Please provide the names, full affiliations and details of all lead and co-investigators.

Role (PI or co-I)	Name	Organisation	Division or Department

Justification of UK costs

*Please break down your UK costs, explaining why the resources requested are appropriate for the research proposed, taking into account the nature and complexity of the proposal. It should **not** be simply a list of the resources required, please refer to the help text for guidance on what to include.*

--

Indonesian/Malaysian/ Filipino/ Thai (please delete as appropriate) Applicants – All PIs and Co-Is listed must be added to the JeS system

Please provide the names, full affiliations and details of all lead and co-investigators.

Role (PI or co-I)	Name	Organisation	Division or Department

Justification of Indonesian/Malaysian/ Filipino/ Thai (please delete as appropriate) costs

*Please break down your Indonesian/Malaysian/ Filipino/ Thai (please delete as appropriate) costs, explaining why the resources requested are appropriate for the research proposed, taking into account the nature and complexity of the proposal. It should **not** be simply a list of the resources required.*

--

If your project is multilateral and requests funding from more than one of the funding agencies taking part, please complete a one page document for each partner (please delete/ add in as necessary)

Applicants – All PIs and Co-Is listed must be added to the JeS system

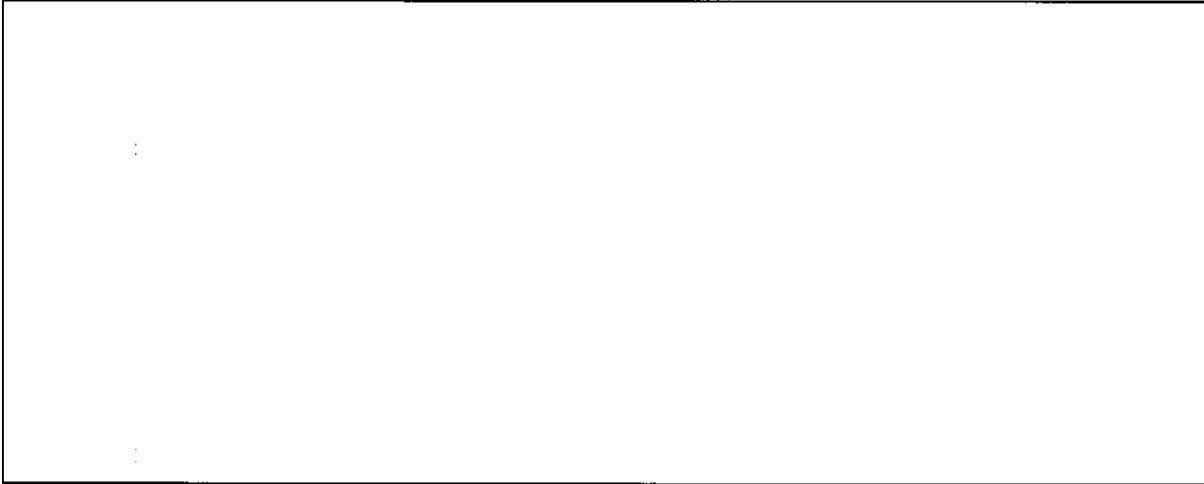
Please provide the names, full affiliations and details of all lead and co-investigators.

Role (PI or co-I)	Name	Organisation	Division or Department

Justification of Indonesian/Malaysian/ Filipino/ Thai (please delete as appropriate) costs

Please break down your Indonesian/Malaysian/ Filipino/ Thai (please delete as appropriate) costs, explaining why the resources requested are appropriate for the research proposed,

*taking into account the nature and complexity of the proposal. It should **not** be simply a list of the resources required.*



MoHE Cost Proforma

FINANCIAL REGULATIONS / PERATURAN KEWANGAN

1. UK-Southeast Asia Small Scale Research Partnerships Call for Proposals 2016 is not allowed for the activities as below /
tidak boleh digunakan bagi perkara berikut:
 - i. Producing Business Plan / *Menghasilkan pelan perniagaan*
 - ii. Market survey / *Kajian pasaran*
 - iii. IP filing and registration / *Permohonan dan Pendaftaran Harta Intelekt*
 - iv. Product exhibition and promotion / *Pameran dan Promosi produk*

Vote / Vot 11000

Salary and Allowance for Graduate Research Assistant (GRA) / Upah dan Elaun untuk Pembantu Penyelidik Siswazah (GRA)

Ceiling of salary and allowance shall not exceed RM2,300 for PhD student and RM1,800 for Master student or follows the rate enforced in applicant institution. /
Siling upah dan elaun tidak melebihi RM2,300 untuk pelajar PhD dan RM1,800 untuk pelajar Sarjana atau mengikut garis panduan IPT.

Vote / Vot 21000

Travelling & Transportation / Perjalanan dan Pengangkutan

The expenditure includes all domestic travelling and transportation that relevant to the project. /
Perbelanjaan merangkumi semua perjalanan dan pengangkutan domestik yang berkaitan dengan projek.

Travelling abroad (based on the approval by Evaluation Committee) shall fulfill the criteria below:-

Perjalanan ke luar negara (berdasarkan kepada kelulusan Jawatankuasa Penilaian) perlu memenuhi kriteria di bawah:-

Travelling abroad is only approved subject to grant sufficiency. Only Principal Investigator (PI) and members allowed for travelling abroad. GRA is only allowed for attending local conference, seminar or workshop that relevant to the project. /
Perjalanan ke luar negara dibenarkan tertakluk kepada kecukupan geran yang telah dipohon. Hanya Ketua Penyelidik dan ahli sahaja yang dibenarkan bagi tujuan tersebut. Pembantu penyelidik siswazah hanya dibenarkan untuk mengikuti persidangan, seminar atau bengkel yang berkaitan dengan penyelidikan mereka di dalam negara sahaja.

- i. Travelling abroad is only approved for attending conference / seminar / workshop / colloquium to make project presentation. / *Perjalanan ke luar negara yang dibenarkan ialah yang bertujuan untuk menghadiri persidangan / seminar / bengkel / kolokium untuk membentangkan hasil penyelidikan.*
- ii. The destination chosen should be the most appropriate and economical in terms of facility availability, relevance of expertise and technology transfer. / *Destinasi perjalanan tersebut mestilah merupakan tempat yang paling sesuai dan ekonomikal dari segi kemudahan, kepakaran dan pemindahan teknologi.*
- iii. Travelling abroad shall comply with relevant institutions regulations. / *Perjalanan ke luar negara mestilah juga mengikut peraturan IPT masing-masing.*
- iv. Only 20% of the total project allocation is allowed for the purpose of attending conference and other relevant activities except site work. / *Untuk menghadiri persidangan dan lain-lain aktiviti selain kerja lapangan, sebanyak 20% dari jumlah peruntukan projek dibenarkan.*

The total expenditure for Travelling and Transportation shall not exceed 40% of the total project allocation. /

Jumlah perbelanjaan untuk perjalanan tidak boleh melebihi 40% daripada jumlah keseluruhan geran.

Vote / Vot 24000

Rental / Sewaan

Rental is only allowed for premises, equipment, transport and others that relevant to the development of the project. /

Sewaan hanya dibenarkan untuk bangunan, peralatan, pengangkutan dan barangan lain yang terlibat secara langsung dengan pembangunan projek sahaja.

Vote / Vot 27000

Research Supplies & Materials / Bekalan dan Bahan Penyelidikan

Only expenditure that relevant to the project development allowed. /

Hanya perbelanjaan yang berkaitan dengan pembangunan projek sahaja dibenarkan.

Vote / Vot 28000

Minor Repairs & Renovation / Baik pulih kecil dan ubahsuai

Only minor repairs and renovation on premises, laboratory, equipment or others that relevant to the project development allowed. /

Hanya perbelanjaan untuk baik pulih dan pengubahsuaian yang kecil terhadap bangunan, makmal, peralatan atau lain-lain barang yang berkaitan dengan penyelidikan dibenarkan.

Maintenance cost for existing equipment is allowed during the project implementation period. Upon project completion, such maintenance cost shall not be borne under the grant. /

Kos penyelenggaraan peralatan sedia ada semasa projek dilaksanakan adalah dibenarkan. Selepas projek selesai kos penyelenggaraan ini tidak akan ditanggung lagi oleh Geran ini.

Vote / Vot 29000

Consultancies / Perkhidmatan Ikhtisas

This Vote involves services that include printing, hospitality, honorarium, professional services, consultancies, computer usage, data processing and others that relevant to the project development. /

Vot ini meliputi lain-lain perkhidmatan termasuk percetakan, hospitaliti, honorarium, perkhidmatan profesional, konsultasi, penggunaan komputer, pemprosesan data dan lain-lain perkhidmatan yang berkaitan dengan pembangunan projek.

Vote / Vot 35000

Accessories & Equipment / Aksesori dan Peralatan

Only special equipment and accessories (include for enhancing existing equipment) that relevant to the project development allowed. Such every single purchase shall be well justified and submitted together with its quotation as stipulated in the Treasury Circular. /

Hanya pembelian peralatan khas dan aksesori (termasuk meningkatkan keupayaan peralatan sedia ada) yang berkaitan dengan pembangunan projek berkenaan sahaja dibenarkan. Setiap permohonan mestilah disertakan justifikasi dan sebut harga mengikut pekeliling Perbendaharaan.

Communication equipment that irrelevant to the project development is not allowed. /
Tidak dibenarkan membeli peralatan komunikasi yang tidak berkaitan langsung dengan projek penyelidikan.

The total application under this Vote shall not exceed 40% of overall project budget. /
Jumlah yang dipohon pula tidak melebihi 40% daripada jumlah geran.

Please indicate your estimated budget for this research and details of expenditure according to the guidelines attached.

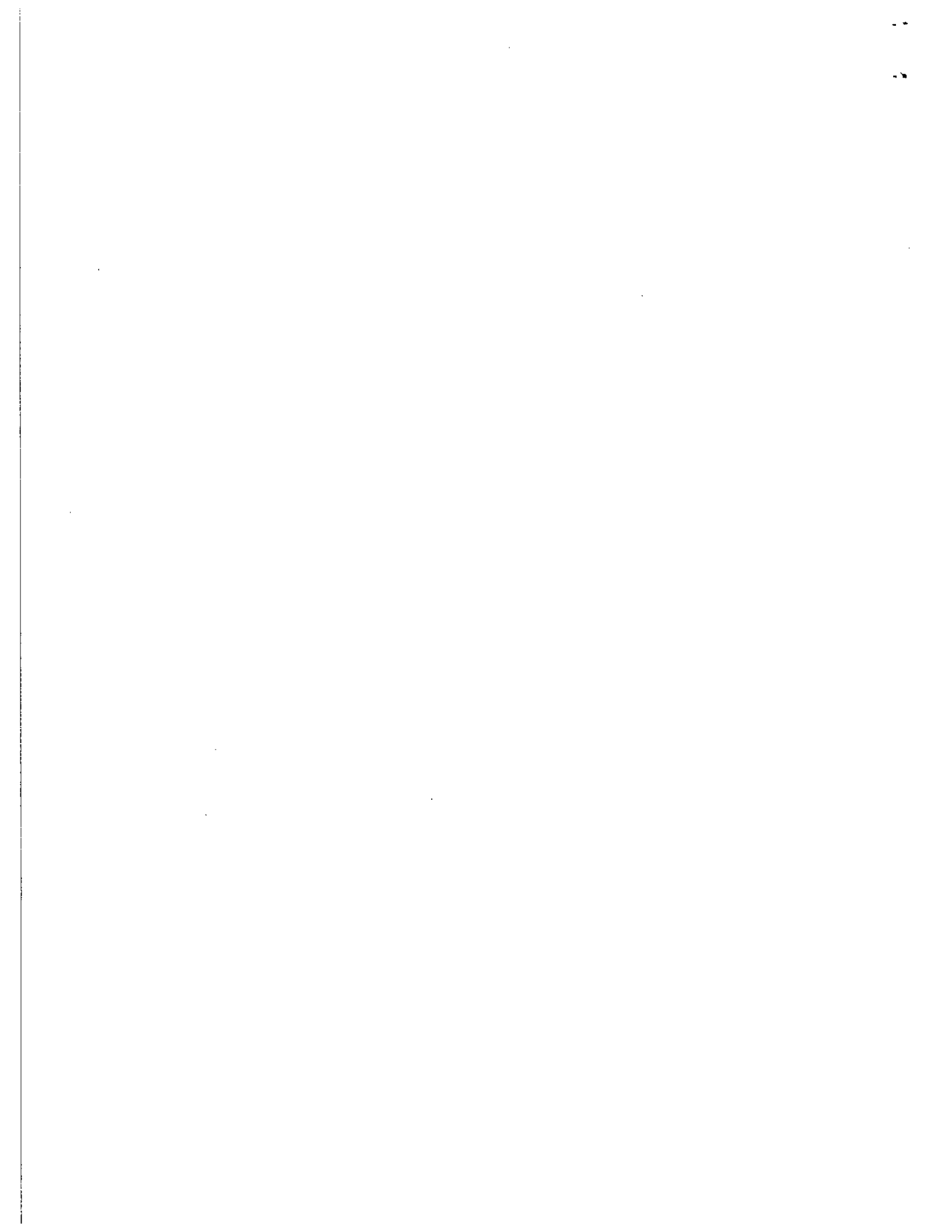
Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir – butir perbelanjaan lengkap dengan berpandukan kepada garis panduan yang dilampirkan.

No. / Bil.	Budget details <i>Butiran belanjawan</i>	Amount requested by applicant <i>Jumlah yang dipohon oleh pemohon</i>			Amount approved by VC/Dep.VC (R&D)/Director of RMC <i>Jumlah yang diluluskan oleh Naib Canselor/ TNC (P&I)/Pengarah RMC</i>
		Year 1 Tahun 1 (RM)	Year 2 Tahun 2 (RM)	Total Jumlah (RM)	
1.	<p>Vote 11000 -</p> <p>Salary and wages</p> <p><i>(Upah dan Elaun untuk Pegawai/Pembantu Penyelidik (RO/RA)).</i></p> <p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i></p>				<p>Please Indicate the overall Budget</p> <p><i>Sila nyatakan bajet secara keseluruhan</i></p>
2.	<p>Vote 21000 -</p> <p>Travelling and Transportation/</p> <p><i>Perjalanan dan Pengangkutan</i></p> <p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan</i></p>				<p>Please Indicate the overall Budget</p> <p><i>Sila nyatakan bajet secara keseluruhan</i></p>

	<p><i>pecahannya sekali.</i></p> <p>* Travelling abroad for the purpose of research is allowable.</p> <p><i>* Perjalanan ke luar negeri bagi tujuan penyelidikan adalah dibenarkan.</i></p> <p>* Flight ticket/logistic expenditure for invited/visiting counterpart outbound to Malaysia in the virtue of research is allowable.</p> <p>* Tiket penerbangan/kos logistik bagi penyelidik jemputan/penyelidik rakan ke Malaysia atas tujuan penyelidikan adalah dibenarkan.</p>				
3.	<p>Vote 24000 -</p> <p>Rental</p> <p><i>Sewaan</i></p> <p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i></p>				<p>Please Indicate the overall Budget</p> <p><i>Sila nyatakan bajet secara keseluruhan</i></p>
4.	<p>Vote 27000 -</p> <p>Research Materials & Supplies</p> <p><i>Bekalan dan Bahan Penyelidikan</i></p>				<p>Please Indicate the overall Budget</p> <p><i>Sila nyatakan bajet secara keseluruhan</i></p>

	<p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i></p>				
5.	<p>Vote 28000 -</p> <p>Maintenance and Minor Repair Services</p> <p><i>Baik pulih kecil dan ubahsuai</i></p> <p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i></p>				<p>Please Indicate the overall Budget</p> <p><i>Sila nyatakan bajet secara keseluruhan</i></p>
6.	<p>Vote 29000 -</p> <p>Professional Services</p> <p><i>Perkhidmatan Ikhtisas</i></p> <p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i></p>				<p>Please Indicate the overall Budget</p> <p><i>Sila nyatakan bajet secara keseluruhan</i></p>
7.	<p>Vote 35000 -</p> <p>Accessories and Equipment</p> <p><i>Aksesori dan Peralatan</i></p> <p>Please specify</p> <p><i>Sila nyatakan secara lengkap dengan</i></p>				

	<i>pecahannya sekali.</i>				
	TOTAL AMOUNT <i>JUMLAH BESAR</i>				





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COMPLIANCE WITH THE DATA PROTECTION ACT 1998

In accordance with the Data Protection Act 1998, the personal data provided on this form will be processed by MRC, and may be held on computerised database and/or manual files. Further details may be found in the **guidance notes**

Newton Fund PROPOSAL

Document Status: With Council
MRC Reference:

RCUK Newton

Organisation where the Grant would be held

Organisation		Research Organisation Reference:	
Division or Department			

Project Title [up to 150 chars]

Start Date and Duration

a. Proposed start date

b. Duration of the grant (months)

Applicants

Role	Name	Organisation	Division or Department	How many hours a week will the investigator work on the project?
Principal Investigator				
Co-Investigator				
Co-Investigator				
Co-Investigator				

Objectives

List the main objectives of the proposed research in order of priority

Summary of Resources Required for Project

Financial resources

Primary heading	Fund Heading	Full Economic Cost	MRC contribution	%MRC contribution
Directly incurred	Staff			80
	Travel & Subsistence			80
	Other Costs			80
	Sub-total			
Indirectly allocated	Investigators			80
	Estates Costs			80
	Other Directly Allocated			80
	Sub-total			
Indirect Costs	Indirect Costs			80
Options	Travel & Subsistence			100
	Other Costs			100
	Sub-total			
	Total			

Summary of staff effort requested

	Months
Investigator	
Researcher	
Technician	
Other	
Visiting Researcher	
Student	
Total	

Other Support

Details of support sought or received from any other source for this or other research in the same field. Other support is not relevant to this application.

ff

Directly Incurred Posts

Name / Post Identifier	EFFORT ON PROJECT		Start Date	Scale	Increment Date	Basic Starting Salary	London Allowance (£)	Super-annuation and NI (£)	Total cost on grant (£)
	Period on Project (months)	% of Full Time							
researcher									
Total									

Applicants

Name	Post will outlast project (Y/N)	Contracted working week as a % of full time work	Total number of hours to be charged to the grant over the duration of the grant	Average number of hours per week charged to the grant	Rate of Salary pool/banding	Cost estimate
Principal investigator						
Investigator						
Investigator						
Investigator						
Total						

Travel and Subsistence

Destination and purpose		Total £
Within UK		
Within UK		
Outside UK		
Outside UK		
Outside UK		
Outside UK		
Total £		

Other Directly Incurred Costs

Description	Total £
Total £	

Estates Costs

Amount (mandatory)	
--------------------	--

Indirect Costs

Amount (mandatory)	
--------------------	--

Human Participation

Would the project involve the use of human subjects?	Yes <input checked="" type="checkbox"/>	No
If yes, would equal numbers of males and females be used?	Yes <input checked="" type="checkbox"/>	No
Would the project involve the use of human tissue?	Yes	No <input checked="" type="checkbox"/>
Would the project involve the use of biological samples?	Yes	No <input checked="" type="checkbox"/>
Would the project involve the administration of drugs, chemical agents or vaccines to humans?	Yes	No <input checked="" type="checkbox"/>
Will personal information be used?	Yes <input checked="" type="checkbox"/>	No
If yes, will the information be anonymised and unlinked?	Yes	No <input checked="" type="checkbox"/>
Or will it be anonymised and linked?	Yes	No <input checked="" type="checkbox"/>
Will the research participants be identifiable?	Yes	No <input checked="" type="checkbox"/>

Please provide details of any areas of substantial or moderate severity:

Animal Research

Would the project involve the use of vertebrate animals or other organisms covered by the Animals (Scientific Procedures) Act?	Yes	No <input checked="" type="checkbox"/>
If yes, what would be the maximum severity of the procedures?	Mild or non-recovery	
	Moderate	
	Severe	
Please provide details of any areas which are Moderate or Severe:		

Animal Species

Does the proposed research involve the use of non-human primates?	Yes	<input checked="" type="checkbox"/> No
Does the proposed research involve the use of dogs?	Yes	<input checked="" type="checkbox"/> No
Does the proposed research involve the use of cats?	Yes	<input checked="" type="checkbox"/> No
Does the proposed research involve the use of equidae?	Yes	<input checked="" type="checkbox"/> No

Please select any other species of animals that are to be used in the proposed research.

Fish	Sheep
Rabbit	Rat
Amphibian	Poultry
Cow	Mouse
Reptile	Guinea Pig
Pig	Other Rodent
Bird	Other Animal

Genetic and Biological Risk

Would the project involve the production and/or use of genetically modified animals?	Yes	<input checked="" type="checkbox"/> No
If yes, will the genetic modification be used as an experimental tool, e.g., to study the function of a gene in a genetically modified organism?	Yes	<input checked="" type="checkbox"/> No
And will the research involve the release of genetically modified organisms?	Yes	<input checked="" type="checkbox"/> No
And will the research be aimed at the ultimate development of commercial or industrial genetically modified products or processes?	Yes	<input checked="" type="checkbox"/> No
Would the project involve the production and/or use of genetically modified plants?	Yes	<input checked="" type="checkbox"/> No
If yes, will the genetic modification be used as an experimental tool, e.g., to study the function of a gene in a genetically modified organism?	Yes	<input checked="" type="checkbox"/> No
And will the research involve the release of genetically modified organisms?	Yes	<input checked="" type="checkbox"/> No
And will the research be aimed at the ultimate development of commercial or industrial genetically modified products or processes?	Yes	<input checked="" type="checkbox"/> No
Would the project involve the production and/or use of genetically modified microbes?	Yes	<input checked="" type="checkbox"/> No
If yes, will the genetic modification be used as an experimental tool, e.g., to study the function of a gene in a genetically modified organism?	Yes	<input checked="" type="checkbox"/> No
And will the research involve the release of genetically modified organisms?	Yes	<input checked="" type="checkbox"/> No
And will the research be aimed at the ultimate development of commercial or industrial genetically modified products or processes?	Yes	<input checked="" type="checkbox"/> No

Implications

Are there ethical implications arising from the proposed research? Yes

Provide details of what they are and how they would be addressed [up to 1000 characters]

Approvals

Have the following necessary approvals been given by:				
The Regional Multicentre Research Ethics Committee (MREC) or Local Research Ethics Committee (LREC)?	Yes	No	Not required	<input checked="" type="checkbox"/>
The Human Fertilisation and Embryology Authority?	Yes	No	Not required	<input checked="" type="checkbox"/>
The Home Office (in relation to personal and project licences, and certificates of designation)?	Yes	No	Not required	<input checked="" type="checkbox"/>
The Gene Therapy Advisory Committee?	Yes	No	Not required	<input checked="" type="checkbox"/>
The UK Xenotransplantation Interim Regulatory Authority?	Yes	No	Not required	<input checked="" type="checkbox"/>
Administration of Radioactive Substances Advisory Committee (ARSAC)?	Yes	No	Not required	<input checked="" type="checkbox"/>
Other bodies as appropriate? Please specify.				

Proposal Classifications

Research Area:

Research Areas are the subject areas applicable to your proposal and you should select at least one of these. Once you have selected the relevant Research Area(s), please ensure that you set one as primary to facilitate the reviewer selection process. To add or remove Research Areas use the relevant link below. To set a primary area, click in the corresponding checkbox and then the Set Primary Area button that will appear.

Subject	Topic	Keyword
Development studies	International Education and Development [Primary]	
Education	Phases of education	
Education	Phases of education	Vocational Education
Education	Sociology of Education	

Qualifier:

Qualifiers are terms that further describe the area of study and cover aspects such as approach and geographical focus.
Please ensure you complete this section if relevant.

To add or remove Qualifiers use the links below.

Type	Name
Approach	Qualitative
Geographic Area	South America

Free-text Keywords:

Free-text keywords may be used to describe the programme of study in more detail. To add a keyword, you first need to search existing Research Areas by entering the keyword in the Search box and selecting the Filter button.

If the keyword is adequately reflected by one of the terms displayed below, click in the corresponding checkbox then select Save. If no potential matches are displayed, or none of those displayed are suitable, select the Add New button followed by the Save button to add it as a descriptor.

To add or remove those previously added use the links below.
