



# NEWTON FUND UK – CHINA – PHILIPPINES – THAILAND CALL FOR COLLABORATIVE PROPOSALS IN SWINE AND POULTRY RESEARCH

## Guidelines for Applicants

**Call status: Open**

**Call launch date: Friday 19 May 2017**

**Closing date for Letters of Intent: 4pm (BST) Thursday 22 June 2017**

**Closing date for Applications: 4pm (BST) Thursday 13 July 2017**

### Contents

Summary .....	2
Background to the call .....	3
Scope .....	4
The Newton Fund.....	5
Eligibility .....	5
How to Apply .....	6
Completing your Je-S submission and attachments .....	6
Additional Considerations .....	9
Assessment Criteria.....	10
Contacts and Help.....	11
Annex 1: Additional guidance for UK applicants .....	12
Annex 2: Additional guidance for Chinese applicants .....	16
Annex 3: Additional guidance for Filipino applicants .....	18
Annex 4: Additional guidance for Thai applicants .....	21

## Summary

The UK Biotechnology and Biological Sciences Research Council (BBSRC), in collaboration with the following overseas partners:

- National Natural Science Foundation of China (NSFC)
- Philippine Agriculture and Fisheries Biotechnology Programme, Department of Agriculture (DA Biotech Programme)
- Philippine Department of Agriculture – Bureau of Agricultural Research (DA-BAR)
- Thailand National Science and Technology Development Agency (NSTDA)

are pleased to announce a call for collaborative proposals in swine and poultry research. Up to £6M from BBSRC has been earmarked for this call with matched funding from partner agencies in China, the Philippines, and Thailand. It is anticipated that the funding on the UK side will be divided equally between the three partner countries.

Projects should be 3 years in duration and we envisage funding a number of projects with each country under this call. This call forms part of BBSRC's Newton Fund activities and therefore requires the UK component of projects to meet Official Development Assistance (ODA) criteria alongside their scientific objectives.

The purpose of the call is to build on the combined strengths of academic research groups within China, the Philippines, Thailand and the UK to work collaboratively on research that will contribute to and underpin development of novel strategies to diagnose, prevent, manage or treat endemic, exotic, emerging and zoonotic microbiological diseases of swine and poultry, to promote healthy, safe, resilient and sustainable food production systems in China and/or South East Asia and reduce the potential incidence of zoonotic disease.

Applicants are invited to submit bilateral or multilateral collaborative research proposals comprising eligible researchers from the UK, China, Thailand and the Philippines. 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. Eligibility to apply is determined by each agency's eligibility rules and the nature of the resources requested must also adhere to each agency's guidelines. Further information is presented below and within **Annexes 1-4**.

**The deadline for receipt of Letters of Intent is 4pm BST Thursday 22 June 2017.**

**The deadline for receipt of full proposals is 4pm (BST) Thursday 13 July 2017. Please also note the additional submission requirements for overseas partner funders (see the "how to apply" section).**

## Background to the call

Asia accounts for more than one-third of the world's chicken meat production<sup>1</sup> with China, Thailand and the Philippines in the top 22 producing countries. Furthermore, Asia is the leading pork producing region in the world and consumes over 50% of the total pork produced globally, with China and the Philippines among the top 10 pork producing countries<sup>2</sup>. Over the last decade global meat production has increased by ~20%, which has been led by growth in poultry and pig meat production. The OECD and FAO forecast that poultry meat will account for more than half the additional meat production globally by 2024<sup>3</sup>

Diseases of livestock such as foot and mouth, avian influenza and campylobacter result in huge economic losses through production losses, disease eradication losses and trade losses (e.g. restriction of trade to disease free countries). For example, the 2003 – 2004 outbreak of highly pathogenic avian influenza (HPAI) caused 14.5% loss of poultry population in Thailand<sup>4</sup>. Production of poultry meat in China declined by 5% in 2016 triggered by HPAI related trade restrictions<sup>5</sup>.

In order to increase food security and reduce the economic and human health impact of microbiological diseases of swine and poultry, additional fundamental research on host-pathogen interactions, microbiology and epidemiology is required to underpin the development of rapid diagnostics, novel therapeutics and vaccines.

With this call, the participating funding agencies seek to build partnerships between the UK, China, the Philippines and Thailand in swine and poultry research that will generate innovative research and novel solutions which will underpin sustainable, safe, healthy, and resilient food production systems in China and/or South East Asia and reduce the potential incidence of zoonotic disease.

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<sup>1</sup> <http://www.thepoultrysite.com/articles/3230/global-poultry-trends-2014-poultry-set-to-become-no1-meat-in-asia/>

<sup>2</sup> [https://apps.fas.usda.gov/psdonline/circulars/livestock\\_poultry.pdf](https://apps.fas.usda.gov/psdonline/circulars/livestock_poultry.pdf)

<sup>3</sup> <http://www.fao.org/3/a-i4738e.pdf>

<sup>4</sup> <http://www.fao.org/avianflu/documents/Economic-and-social-impacts-of-avian-influenza-Geneva.pdf>

<sup>5</sup> [https://apps.fas.usda.gov/psdonline/circulars/livestock\\_poultry.pdf](https://apps.fas.usda.gov/psdonline/circulars/livestock_poultry.pdf)

## Scope

The funders aim to support innovative fundamental, strategic or applied research that will contribute to and underpin development of novel strategies to diagnose, prevent, manage or treat endemic, exotic, emerging and zoonotic microbiological diseases of swine and poultry, to promote safe, healthy, resilient and sustainable production of swine and poultry and reduce the potential incidence of zoonotic disease. Proposals of 3 years in duration will be encouraged to address the following challenges in swine and poultry research:

- **Host pathogen interactions**
  - Understanding the pathogen in the context of disease pathogenesis in swine and poultry
  - Understanding the genetic basis of host resistance in swine and poultry
  - Understanding the pathogen's interaction with swine and poultry based food
  - The role of the microbiome and nutrition in controlling pathogens and maintaining health
- **Microbiology**
  - Understanding the survival of pathogens, on farm and in the food chain
  - The molecular mechanisms determining pathogenicity
  - Research on the evolution of the pathogen in the context of the swine or poultry host or agricultural/food system
  - Transmission mechanisms between host species including transmission dynamics and biological factors affecting transmission
- **Epidemiology**
  - The biological effects of swine and poultry management and welfare on disease epidemiology (prevalence, pathogenicity and transmission), including mathematical modelling
- **Disease management and control**
  - Diagnostics for pathogens, especially rapid on farm, or food associated diagnostics; and other biological tools and technologies
  - Novel alternatives for pathogen control, including immune stimulation
  - Novel agents for pathogen control, including anti-microbials, therapeutics and vaccines, in host and within the food chain

Research can focus on animal only pathogens, zoonotic pathogens or “commensals” associated with food safety issues. Research focused on human-only pathogens where the swine or poultry is a vector, or using relevant pathogens as a model species for basic microbiological research is not in the scope of the call.

To be within the remit of this call, research must be relevant to swine and poultry systems in China and/or South East Asia. However, equivalent research effort on UK systems may also be included for comparative purposes.

The funders would like to encourage researchers to work in consultation or partnership with the farming, breeding and food industries, where applicable.

Applicants are invited to submit bilateral or multilateral collaborative research proposals comprising eligible researchers from the UK, China, Thailand or the Philippines. 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. Further information on eligibility can be found below and in **Annexes 1-4**.

The funding agencies wish to develop and strengthen transnational collaborations across the countries involved and to support collaborations which will have a real impact in this field. Applicants must successfully demonstrate the sustainability of the collaboration and the potential impact of the activities proposed.

## The Newton Fund

BBSRC involvement in this call is funded by the Newton Fund programme. 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 UK Chancellor in April 2014, and now has a total UK investment of £735 million over the course of seven years to 2021, with partner countries providing matched resources within the fund.

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.

More information about the Newton Fund can be found on the [Newton Fund website](#) or in the UK Government's [Newton Fund policy paper](#).

## Eligibility

Each collaborative research proposal must involve at a minimum one eligible applicant based in the UK and one eligible applicant based in, China, the Philippines or Thailand.

All proposals **will be required** to have a UK Principal Investigator, in addition to a named Principal Investigator from one or more of the partner countries. Principal Investigators are responsible for ensuring that they, and any Co-Investigators included on the application are eligible. **Applications involving any ineligible applicants (from the UK, China, the Philippines, or Thailand) will result in the whole application being rejected.**

All applicants must adhere to national and specific funder eligibility rules for research proposals as set out in the relevant country annexes (**Annexes 1-4**) and should seek advice on eligibility from the relevant funder before submission of the application.

## How to Apply

### Letter of Intent

Anyone intending to submit a full proposal must submit a Letter of Intent (up to 1 page A4) by email to BBSRC ([swinepoultry.newton@bbsrc.ac.uk](mailto:swinepoultry.newton@bbsrc.ac.uk)) by **4pm (BST), Thursday 22 June 2017**. This should be completed using the Letter of Intent template (see downloads).

The letter of intent will provide the names and institutions of the proposed consortia members, as well as a very brief summary of the proposed research area. The purpose of the Letter of Intent is to provide the funders with an estimate of demand.

**Whilst the Letter of Intent will not form part of the assessment process, only projects which have submitted a Letter of Intent will be eligible to submit a full proposal.**

### Full application

For each proposal, the UK PI must submit an application, jointly developed by and on behalf of the entire international consortia. This application must be submitted to BBSRC using the Je-S system, following the guidance below to create the application:

1. Log in to your Je-S account
2. From the left hand menu, select Documents.
3. Under functions on the Main Menu, select Create New Document.
4. In the Add New Document screen:  
Council: BBSRC  
Document type: Standard Proposal  
Scheme: Newton Fund  
Call/Type Mode: Newton Fund Swine & Poultry Research Initiative  
Create Document

**The deadline for receipt of the completed proposals to BBSRC via Je-S is Thursday 13 July 2017, 4pm BST – this deadline is system generated and applications cannot be accepted after this time.**

For proposals involving Chinese partners, please note that your partners will also be required to make additional parallel submissions directly to the relevant funder:

- For proposals involving **China**, the Chinese partner must also make additional parallel submissions both online (via the NSFC ISIS system) and in hard copy to NSFC (see [Annex 2](#) for details). **Hard copies MUST be put into the post and stamp-dated before the call deadline of 13 July 2017, and also submitted online by 4pm local time (China) on Thursday 13 July 2017.**

Additional specific instructions for working with China, the Philippines, or Thailand are provided in the individual Annex for each country. Please ensure you read both the UK annex and the annex of the country(ies) you are collaborating with. **Any incomplete applications, or applications which do not follow the submission procedures above and in Annexes 1-4, will not be considered for funding.**

### Completing your Je-S submission and attachments

Once your application document is created, the Je-S form should for the most part be completed in the standard way using the guidance and help text available in the Je-S

system. Please remember that all aspects of the proposal submitted to BBSRC via Je-S should be jointly developed by, and submitted on behalf of, the entire international consortia.

Applications to this call will also be required to jointly prepare and submit a number of additional documents as “attachments”, before submitting the Je-S application. Support for completing Je-S attachments is available in the [Je-S Handbook](#).

Unless otherwise stated, all documents should be prepared in English, should be jointly prepared, and should relate to the project as a whole and cover all project components. Documents should meet standard Research Council rules, including standard margin sizes of 2cm, Arial, Helvetica or Verdana typefaces (or an equivalent) at a minimum font size of 11 and a minimum of single line spacing and standard character spacing.

The following documents must be prepared and uploaded as PDF attachments to your application

1. **Proposal Cover Letter** (up to 1 side of A4)

2. **Applicant List**

Please complete the Applicant List Template, providing details of the entire project team (principal and co-investigators) in both the UK and partner countries. This should be uploaded as an attachment type “Other Attachment”.

3. **Joint Case for Support** (up to 10 sides of A4)

Applicants wishing to apply to this call must provide a Case for Support, making the detailed scientific case for the research proposal. Applicants should complete this with the call assessment criteria in mind, and are encouraged to provide information on the following:

- (a) Research track record of the applicants and specific expertise (and access to any specific infrastructure and equipment required to undertake the project) available for the research at the named organisations.
- (b) Background to the topic of research and its wider context, including current priorities and challenges relevant to the project in the participating countries.
- (c) Details of the proposed research and activities to be conducted within the project, including the proposed programme of work, individual measurable objectives against which you would wish the work to be assessed, the proposed methodology and expected outputs, and the scientific excellence and novelty of the proposal.

4. **Combined CVs** (2 sides of A4 per applicant)

Please provide a single combined PDF document, containing a CV for all applicants involved in the project (both UK and overseas).

5. **Letters of Support** (up to 1 side of A4 per research organisation)

Please provide a single combined PDF document, containing an official letter of support from the Head of Department/Institute Director for each Research Organisation involved in the project (both UK and overseas). This should include a Letter of Support from the lead UK institution.

6. **Justification of Resources** (up to 4 sides of A4)

All resources requested to undertake the project should be fully justified. The Justification of Resources should provide (a) a summary table of the costs requested for each country and (b) a breakdown and full written justification of costs requested for the entire project (both UK and partner countries). The Justification of Resources should be

completed on the Justification of Resources Template (available from downloads) and submitted as attachment type “Justification of Resources”.

7. **Official Development Assistance (ODA) Statement** (up to 1 side of A4)  
Please attach a statement explaining how your proposed research is compliant with ODA guidelines. This should be uploaded as an attachment type “Other Attachment”. Guidance on ODA compliance can be found [here](#).
8. **Partnership and Project Management Statement** (up to 1 side of A4)  
Please attach a statement explaining:
  - a) The nature of the collaboration, including whether it is a new or existing collaboration, the complementarity of the partners and how this proposal builds on previous joint work, where applicable .
  - b) How the partnership represents a true collaboration between the transnational research teams, and the added value of this collaboration.
  - c) A description of how the proposed project will be managed across the international project team, including communication strategies, project leadership and decision-makingThe Partnership and Project Management Statement should be uploaded as an attachment type “Other Attachment”.
9. **Pathways to Impact statement** (up to 2 sides of A4)  
Please include a statement on the significance and wider impact of the project which describes the likely impacts that will be generated by the proposed project. Applicants should highlight any opportunities for knowledge exchange and transfer and any wider socio-economic and environmental impacts and benefits of the research.
10. **Data Management Plan** (up to 1 side of A4)  
Please include a description of the proposed data management and data sharing strategies across the whole consortia, including the management of intellectual property.
11. **Diagrammatic Workplan** (up to 1 side of A4):  
Please submit a Gantt chart, or other diagrammatic work plan for the project, including milestones. Applicants should ensure that work plan demonstrates equal commitment to the project (in terms of hours dedicated to the project rather than project costs) between the UK and partner countries. Projects that appear to be working in parallel with little interaction between countries will not be supported.

You should also check if you need to provide any of the following documents:

12. **Facility Form**  
Please use this attachment type to provide a Technical Assessment Form if your project requests access to BBSRC facilities, referring to the Je-S help for guidance.
13. **Non-UK Components**  
Please refer to the country specific annexes for any additional documents which may be required by the partner funders as part of the application submission.



## **Additional Considerations**

### **Collaboration Agreement**

As the research projects will be carried out by multiple research organisations and project partners, the basis of collaboration between the organisations and project partners, including ownership of intellectual property (IP) generated during the project and rights to exploitation, and IP management is expected to be set out in a formal collaboration agreement between the research organisations involved. It is the responsibility of the research organisations to put such an agreement in place before the research begins. The terms of collaboration must not conflict with the funding agencies terms and conditions and national law.

Arrangements for collaboration and/or exploitation must not prevent the future progression of academic research and the dissemination of research results in accordance with academic custom and practise and the requirements of the funding bodies. A temporary delay in publication is acceptable in order to allow commercial and collaborative arrangements to be established.

Details of key issues included in the Collaboration Agreement, for example management of IP, should be detailed in the 'Partnership and Project Management Statement' document. The full Collaboration Agreement must be available to be shared with the funders on request.

### **Intellectual Property**

Ownership of intellectual property (IP) generated during the project and rights to exploitation, as well as any costs regarding management of IP, are expected to be agreed between the collaborating research organisations before the research begins. Details of this agreement should be included in the Collaboration Agreement (as above). Agreements must not conflict with the funding agencies terms and conditions and national law. Any agreements in place between a research organisation and their respective funding organisation must be adhered to, including the sharing of IP costs or benefits. Any IP sharing agreements in place between a research organisation and their national funding body would be expected to apply only to the IP share of that research organisation.

### **Genetic Transfer of Materials**

Collection and exchange of material may occur between collaborating institutions, as necessary, in strict compliance with the legislation in effect in both countries.

### **Data management**

Applicants to this call should give full consideration to the practical requirements for data sharing both within the research teams and to the wider community and describe how this will be conducted. Applicants should ensure that they have requested appropriate resources for data management and data sharing.

### **Use of animals**

Experiments using animals funded by BBSRC must comply with the Animals (Scientific Procedures) Act 1986 (ASPA), amended 2012 and any further embodiments. Institutions and grant holders are responsible for ensuring that all appropriate personal and project licences required under the Act have been granted by the Home Office, and that appropriate Animal Welfare and Ethical Review Body approval has been given. All BBSRC awards are

made on the absolute condition that no work that is controlled by the Act will begin until the necessary licences have been obtained.

Applicants must ensure that all of the proposed research, both in the UK and any partner country, will comply with the principles of BBSRC's guidance on "[Responsibility in the use of animals in bioscience research](#)" and with the Animal Use requirements in Section 4 of the [BBSRC Grants Guide](#). 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."

## **Assessment Criteria**

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 applications include:

- Scientific excellence: novelty, importance, feasibility and timeliness of the proposed research;
- Significance and impact of the research on the food system in China and/or SE Asia;
- Appropriateness and added value of the joint research partnership (including strength and clarity of the collaboration)
- Appropriateness of the project structure proposed (including governance, arrangements for data management and sharing and management of intellectual property);
- Potential for the collaboration to build capacity in partner countries;
- Value for money.

For further information about the assessment process, please refer to the relevant assessment sections in Annexes 1-4.

## Contacts and Help

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**UK** For BBSRC enquiries please submit an email to the BBSRC Newton Fund enquiries inbox: [swinepoultry.newton@bbsrc.ac.uk](mailto:swinepoultry.newton@bbsrc.ac.uk)

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**China** For NSFC enquires please contact: Mr. Xu Jin, [xujin@nsfc.gov.cn](mailto:xujin@nsfc.gov.cn)

All other enquiries about collaboration with China in this call should be sent to RCUK China:

Zeying (Maggie) HU ([Zeying.hu@rcuk.cn](mailto:Zeying.hu@rcuk.cn))

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**Philippines** For DA Biotech Programme enquiries please contact: Joy Jumalon or Mars Ynalvez: [biotechpiu@gmail.com](mailto:biotechpiu@gmail.com)

For DA-BAR enquiries please contact: Ms. Cynthia de Guia or Mr. Ian Jomari Panaga [rds.da.bar@gmail.com](mailto:rds.da.bar@gmail.com)

All other enquiries about collaboration with the Philippines in this call should be sent to the British Embassy Manila:

Karen Ann U. Hipol ([Karen.Hipol@fco.gov.uk](mailto:Karen.Hipol@fco.gov.uk))

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**Thailand** For NSTDA enquires please contact:  
Ms. Aungsuthorn Sirilaksanamanon ([aungsuthorn@nstda.or.th](mailto:aungsuthorn@nstda.or.th))  
Ms. Mullika Kulsiripruck ([mullika.kul@nstda.or.th](mailto:mullika.kul@nstda.or.th))

All other enquiries about collaboration with Thailand in this call should be sent to the British Embassy Bangkok:

Pijarana Samukkan ([Pijarana.Samukkan@fco.gov.uk](mailto:Pijarana.Samukkan@fco.gov.uk))

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## Annex 1: Additional guidance for UK applicants

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**Funding Agency** UK Biotechnology and Biological Sciences Research Council (BBSRC)

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**Eligibility** Standard BBSRC Responsive mode eligibility conditions apply to this call. All UK applicants must be eligible to receive research funding from BBSRC as a Principal or Co-Investigator; see the [BBSRC Grants Guide](#).

Given the nature of this call, the following BBSRC schemes will **not** apply: New Investigator; Industrial Partnership Awards; and Industrial LINK.

The UK component of all proposals must be compliant with Official Development Assistance (ODA) guidelines. Guidance on ODA compliance can be found [here](#).

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**Scientific Priorities** BBSRC will welcome proposals which address one or more of the joint priority areas identified for the call (see “Scope” page 4)

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**Budget** Up to £6M from BBSRC has been earmarked to fund the UK component of projects in this call, with matched funding from partner agencies in China, the Philippines and Thailand. It is anticipated that that the funding on the UK side will be divided equally between the three partner countries.

Projects should be up to a maximum duration of 3 years and we envisage funding a number of projects with each country under this call.

Please refer to the relevant country annex for further information on the funding available for researchers in China, the Philippines and Thailand.

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**Eligible costs** It is expected that applications to this call will be Collaborative Research Grants as defined in the call notice, and BBSRC will fund the UK component(s) of any successful bilateral or transnational collaboration. Eligible research costs to request from BBSRC are detailed in the [BBSRC Grants Guide](#).

The UK component of applications should be costed on the basis of full economic costs (fEC). If the grant is awarded, BBSRC will provide funding on the basis of 80% of fEC.

BBSRC will not fund studentships as part of this call (but funds may be requested for exchanges of students supported from other sources).

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One single Je-S application (proforma) should be submitted. Only costs for the UK component of the application should be submitted in the Resources section of the Je-S application; information about overseas collaborators and associated in-kind contributions should be submitted in the project partner section of the Je-S proforma.

Please include all relevant UK costs in the Resources section of the BBSRC Je-S application, taking particular care to include sufficient costs to support an international project such as travel and subsistence in addition to salary (investigators and PDRAs) and consumables.

Please note the following call specific guidance:

**1. Travel and Subsistence:**

a) Applicants who receive funding from this call must be prepared to contribute to workshops and/or other dissemination type activities associated with this call. You should request in your application sufficient travel funds (international airfare plus any local airport transfers) for the UK PI, and up to two other UK applicants involved in the project, to attend international workshops hosted by the funders relating to this programme, to be held in China and/or South East Asia, over the lifetime of the project.

**2. Equipment:** UK applicants requesting items of equipment costing over £10k will be required to comply with Wakeham rules, see the guidance in section 5 of the [BBSRC Grants Guide](#) for further details.

**3. Other DA Costs for Research Facilities/Existing Equipment:** Please ensure you specify clearly in the description field if you are requesting the use of any BBSRC facilities (eg: Earlham Institute). Any projects requesting use of BBSRC facilities will need to upload a Technical Assessment Form as attachment type 'Facility Form' with their application.

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**Submission process and required documents**

Applications must be submitted via the BBSRC Je-S system by the UK PI on behalf of the entire international consortia, and the application must be jointly prepared. See the "[how to apply](#)" and "[completing your Je-S submission and attachments](#)" sections for guidance on the required documents for the Je-S submission of the joint application.

Applications may involve researchers from multiple eligible UK institutions, but should be submitted as a single Je-S application by the research organisation of the lead UK Principal Investigator. Separate proposals are not permitted for this call. If successful, the lead organisation would be the recipient of the award, and would be responsible for managing and distributing the finances for the partnership in accordance with the terms and conditions of the award.

The Je-S form should for the most part be completed in the

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standard way using the guidance and help text available in the Je-S system. Please also note the following guidance which is specific to this call:

- The start date of the grant should be **1 Jan 2018** for applications involving China or **1 April 2018** for applications involving the Philippines or Thailand.
- The **Other Support** section is not relevant to this application. Please tick the box indicating 'not relevant to the application'.
- **Proposal classifications** are non-mandatory fields and should be completed as follows:
  - **Research Area** – Please choose at least one from the list available
  - **Qualifiers** – Please leave this section blank
  - **Free-text Keywords** – Please identify at least five (and a maximum of eight) keywords relevant to the project

In addition to the Je-S submission of the jointly prepared application and supporting documents to BBSRC, **where applicable the additional documents must also be submitted directly to the following funding partners:**

- National Natural Science Foundation of China
  - A copy of selected documents submitted to BBSRC via Je-S, including a copy of the Je-S proforma (in English). Please refer to NSFC's website for more details.
  - A Chinese application form (in Chinese)
- Philippine Department of Agriculture – Bureau of Agricultural Research (DA-BAR)
  - Detailed Proposal Format
- Philippine Agriculture and Fisheries Biotechnology Programme, Department of Agriculture (DA Biotech Programme)
  - ESMES Form 2

For further information see **Annex 2-4**

As part of the Je-S application process, the following documents must also be uploaded to Je-S by the UK PI on behalf of the overseas partners:

- Philippine Department of Agriculture – Bureau of Agricultural Research (DA-BAR)
  - Detailed Proposal Format
- Philippine Agriculture and Fisheries Biotechnology Programme, Department of Agriculture (DA Biotech Programme)

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Programme)

- ESMES Form 2
- National Science and Technology Development Agency (NSTDA)
  - A completed NSTDA budget request proforma (to be titled “*NSTDA Budget Request Proforma*”)

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**Assessment**

Applications will be externally peer reviewed and assessed in collaboration with the partner agencies.

This will include:

1. Receipt of a joint application and accompanying documents, jointly prepared by the UK and overseas project consortia.
2. Each funding agency to carry out eligibility and internal checks and agree which proposals will go forward for assessment.
3. External peer review process using both national and international reviewers.
4. Joint panel meeting of academic experts comprising experts from all countries involved in the call.
5. The funding agencies will meet to review the outcome of the panel and agree the list of projects to be funded.

The outcome of the assessment process is final and not open to appeal.

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**Contact**

For BBSRC enquiries please submit an email to the BBSRC Newton Fund enquiries inbox: [swinepoultry.newton@bbsrc.ac.uk](mailto:swinepoultry.newton@bbsrc.ac.uk)

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## Annex 2: Additional guidance for Chinese applicants

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**Programme Partners** National Natural Science Foundation of China (NSFC)

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**Eligibility** Chinese researchers **must** contact NSFC for guidance regarding the eligibility for this call.

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**Scientific Priorities** NSFC will welcome proposals which address one or more of the joint priority areas identified for the call (see “Scope” page 4)

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**Budget** The total indicative UK budget for working with China in this programme is £2M. Projects should represent matched effort between the UK and partner countries.

Up to 3M RMB may be requested per project to cover costs for the Chinese component of the project.

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**Eligible costs** NSFC funding will support the following costs incurred by the Chinese researchers on the projects:

- Equipment cost
- Material and supplies
- Test
- Travel, conference, international cooperation
- Labour cost
- Consulting
- Miscellaneous

Applicants who receive funding from this call must be prepared to contribute to workshops and/or other dissemination type activities associated with this call. Applicants should request sufficient travel funds (international airfare plus any local airport transfers) for the Chinese PI, and up to two other Chinese applicants involved in the project, to attend international workshops hosted by the funders relating to this programme, to be held in China and/or South East Asia, over the lifetime of the project.

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**Submission process and required documents** Applications must be submitted via the BBSRC Je-S system by the UK PI on behalf of the entire international consortia, and the application must be jointly prepared. See the “[how to apply](#)” and “[completing your Je-S submission and attachments](#)” sections for guidance on the required documents for the Je-S submission of the joint application.

In addition to the Je-S submission of the jointly prepared application and supporting documents to BBSRC, **the following additional documents must also be submitted directly to NSFC:**

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- A copy of selected documents submitted to BBSRC via Je-S, including a copy of the Je-S proforma (in English). Please refer to NSFC's website for more details.
  - A Chinese application form (in Chinese)
  - Please note that NSFC has its own requirements on the issue of animal ethics

Documents required by NSFC must be submitted both online (via the ISIS system) and in hard copy. **Hard copies MUST be put into the post and stamp-dated before the call deadline of 13 July 2017, and also submitted online before 4pm (China time) 13 July 2017, or the whole application will be rejected.**

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### Assessment

Applications will be externally peer reviewed and assessed in collaboration with the partner funding agencies. See [Annex 1](#) for further details.

Please note that progression to the review assessment stage is dependent on passing initial eligibility checks conducted by NSFC. In order to pass these checks, Chinese applications should contact NSFC to check their eligibility status before submitting an application.

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### Contacts

For NSFC enquires please contact:

Xu Jin  
010 62325351  
Email: [xujin@nsfc.gov.cn](mailto:xujin@nsfc.gov.cn)

All other enquiries about collaboration with China in this call should be sent to RCUK China: Zeying (Maggie) HU ([Zeying.hu@rcuk.cn](mailto:Zeying.hu@rcuk.cn))

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## Annex 3: Additional guidance for Filipino applicants

Eligible applicants from the Philippines can apply for funding from either, the Philippine Agriculture and Fisheries Biotechnology Programme (DA-BIOTECH) or the Philippine Department of Agriculture – Bureau of Agricultural Research (DA-BAR). Filipino applicants are encouraged to contact the funding agencies prior to submission to identify which is the most appropriate.

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<b>Funding Agency</b>	Philippine Agriculture and Fisheries Biotechnology Programme, Department of Agriculture (DA Biotech Programme)
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<b>Eligibility</b>	Filipino applicants <b>must</b> contact DA Biotech Programme to confirm their eligibility for the call before developing the proposal.
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### **Technical eligibility**

Proposals must be in line with the DA Biotech programme RDE agenda

### **Institutional/ Proponent Eligibility**

The proponent/implementing institution must be eligible to avail of the research grant based on the following requirements:

- a. Mandate of the institution/ agency/ NGO/PO
- b. Good track record for the previous 3 years
- c. Sufficient manpower and research facilities
- d. No unfulfilled projects/contracts/ commitment with DA and its attached agencies and bureaus
- e. Project leader must be affiliated with the lead implementing institution/ agency
- f. No. of on-going DA Biotech Program supported projects by the project leader should not be more than 3
- g. All non-DA research proposals should have collaborative efforts with concerned DA agencies.

### *Additional requirement for NGOs and POs:*

- h. Valid Mayor's Permit, Tax Clearance and Barangay Clearance
- i. Certificate of Registration with SEC, and/or CDA or DOLE as the case may be, depending on the nature of services required to be rendered
- j. Authenticated copy of the latest Articles of Incorporation/Cooperation
- k. Financial reports, duly audited by an independent CPA for the last three years. For NGO/PO that has been in operation for less than 3 years, report of accomplishment or any equivalent proof certified by its President and Secretary that had previously implemented similar projects and financial reports
- l. Certificate of Accreditation from DA

### Others (output)

- a. Package of technology(a) improved breeds— crops, aquaculture, livestock, (b) for crop protection, (c) for
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environmental protection, (d) biotechnologies supporting genetic improvement and production

b. Publication, scientific articles and primers

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**Scientific Priorities** DA Biotech Programme will welcome proposals which address the ‘**Disease management and Control**’ priority area identified for the call. DA Biotech Programme also welcomes proposals in the other areas identified so long as there is a clear link for this work to contribute towards disease management and control (see “[scope](#)” section)

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**Budget** The total indicative UK budget for working with the Philippines in this programme is £2M. Projects should represent matched effort between the UK and partner countries.

The indicative budget for DA Biotech applications is PhP 5M – 10M per project

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**Eligible costs** DA Biotech Programme funding will support the following costs incurred by the Filipino researchers on the projects:

Personnel Services, Maintenance and Other Operating Expenses (Utilities) and Capital Outlay.

Proponent’s institution should have a counterpart not be less than 20% of the total project cost. This may be in the form of labor, salaries of personnel, use of facilities (building, equipment, others), repair and maintenance of facilities, etc.

Applicants who receive funding from this call must be prepared to contribute to workshops and/or other dissemination type activities associated with this call. International travel cannot be supported and any queries should be directed to the relevant funder contact.

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**Documents required** ESMES Form 2 (Full proposal)

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**Submission process and required documents** Applications must be submitted via the BBSRC Je-S system by the UK PI on behalf of the entire international consortia, and the application must be jointly prepared. See the “[how to apply](#)” and “[completing your Je-S submission and attachments](#)” sections for guidance on the required documents for the Je-S submission of the joint application.

In addition to the Je-S submission of the jointly prepared application and supporting documents to BBSRC, the **ESMES Form 2 (Full Proposal) must also be submitted directly on or before 13 July 2017** to the DA Biotech Programme Office through [dabiotech.proposals@gmail.com](mailto:dabiotech.proposals@gmail.com).

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**Assessment**

Applications will be externally peer reviewed and assessed in collaboration with the partner funding agencies. See [Annex 1](#) for further details.

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**Contacts**

For DA Biotech Programme enquires please contact: Joy Jumalon or Mars Ynalvez ([Email: biotechpiu@gmail.com](mailto:biotechpiu@gmail.com)) Telephone Nos.: (02) 927 0426/922 0057)

All other enquiries about collaboration with the Philippines in this call should be sent to the British Embassy Manila: Karen Ann U. Hipol ([Karen.Hipol@fco.gov.uk](mailto:Karen.Hipol@fco.gov.uk))

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**Funding Agency** Philippine Department of Agriculture – Bureau of Agricultural Research (DA-BAR)

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**Eligibility** Filipino researchers and scientists from institutions under the National Research and Development System for Agriculture and Fisheries (NaRDSAF) are eligible to submit proposals. Proponents/Investigators from any University should have a DA-operating unit as one of the collaborating agencies.

Proposed project proposals should not exceed two to three years and be implemented through collaborative projects with local partner R&D institutions and agencies with which the proponent is affiliated.

Proponents of the project grants must possess the required academic qualifications and track record to successfully implement research and/or development project. The proponent should be able to carry out the project with due diligence and efficiency, and in accordance with appropriate agricultural and fisheries practices that conform to sound environmental and social standards.

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**Scientific Priorities** DA-BAR will welcome proposals which address the ‘Disease management and Control’ priority area identified for the call. DA-BAR also welcomes proposals in the other areas identified so long as there is a clear link for this work to contribute towards disease management and control (see [“scope”](#) section).

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**Budget** The total indicative UK budget for working with the Philippines in this programme is £2M. Projects should represent matched effort between the UK and partner countries.

The indicative budget for DA-BAR applications is PhP 5M – 10M per project.

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**Eligible costs** DA-BAR will support the following costs incurred by the Filipino researchers and scientists on the projects: Personnel Services, Maintenance and Other Operating Expenses and Equipment Outlay

***Personnel Services (PS)***

The Personnel Services comprises the salary and wages of the research staff/s and the honoraria of the project leader and the study leaders. The budget for this category should constitute no more than 30 to 40% of the total amount of PS + MOOE.

Each project shall be handled by a project leader who shall oversee the management and implementation of the project. If in case the project has two or more studies, the project leader must handle one

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or more studies within his/her field of expertise and can involve a study leader as part of the project team. However, the study to be handled by the study leader should be clearly defined in the proposal. Other project personnel can be included depending on the need of the project.

### ***Maintenance and Other Operating Expenses (MOOE)***

The different items under MOOE include the following:

1. Traveling Expenses for Local Travels– The allowed expenses include fares for the use of public utility transport, plane and boat; daily allowance and actual lodging/hotel bills. Indicate the number of travels to be made, number of persons involved, places to visit and kind of transport required.
2. Communication – Indicate the items of expenditure such as mailing, telephone/fax/cell phone bills, etc.
3. Supplies and Materials – Indicate the items such as office supplies, like paper, computer ink, etc., laboratory or experimental supplies/materials, gasoline and oil, and other related items. Equipment with a value of more than PhP 15, 000.00 should be placed under the EO item.
4. Other Services – This includes the following:
  - Short-term service contracts
  - Resource person/Technical consultant fee
  - Wages for farm labour/Utility services
  - Printing services
  - Food catering/Rentals for facilities and venues for meetings, workshops and trainings (in relation to the project)

### ***Equipment Outlay (EO)***

The equipment to be purchased is only those which are essential and directly needed for the operation of the project. Only minor equipment is/are allowed. If in case, equipment to be used in the project is readily available in the implementing agency, this may be considered as the agency's counterpart. The total amount should not exceed a total of PhP 500,000.00.

Applicants who receive funding from this call must be prepared to contribute to workshops and/or other dissemination type activities associated with this call. International travel cannot be support and any queries should be directed to the relevant funder contact.

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### **Submission process and required documents**

Applications must be submitted via the BBSRC Je-S system by the UK PI on behalf of the entire international consortia, and the application must be jointly prepared. See the "[how to apply](#)" and "[completing your Je-S submission and attachments](#)" sections for guidance on the required documents for the Je-S submission of the joint application.

In addition to the Je-S submission of the jointly prepared application and supporting documents to BBSRC, the **Detailed Proposal Format (Basic Info and Technical Description) must also be**

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**submitted directly on or before 13 July 2017** to the DA Bureau of Agricultural Research through [rds.da.bar@gmail.com](mailto:rds.da.bar@gmail.com)

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**Assessment**

Applications will be externally peer reviewed and assessed in collaboration with the partner funding agencies. See [Annex 1](#) for further details.

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**Contacts**

For DA Bureau of Agricultural Research enquires please contact: Ms. Cynthia de Guia or Mr. Ian Jomari Panaga ([Email: rds.da.bar@gmail.com](mailto:rds.da.bar@gmail.com) Telephone Nos.: (02) 461 2900 / 461 2800)

All other enquiries about collaboration with the Philippines in this call should be sent to the British Embassy Manila: Karen Ann U. Hipol ([Karen.Hipol@fco.gov.uk](mailto:Karen.Hipol@fco.gov.uk))

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## Annex 4: Additional guidance for Thai applicants

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**Funding Agency** National Science and Technology Development Agency (NSTDA)

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**Eligibility** Thai researchers must contact NSTDA for guidance regarding eligibility for this call.

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**Scientific Priorities** NSTDA will welcome proposals which address one or more of the joint priority areas identified for the call (see [“scope”](#) section)

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**Budget** The total indicative UK budget for working with Thailand in this programme is £2M equivalent to THB 45M. Projects should represent matched effort between the UK and partner countries.

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**Eligible costs** NSTDA funding will support the following costs incurred by the Thai researchers on the projects:

- 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

Applicants who receive funding from this call must be prepared to contribute to workshops and/or other dissemination type activities associated with this call. Thai applicants should request sufficient travel funds (international airfare plus any local airport transfers) for the Thai PI, and up to two other Thai applicants involved in the project, to attend international workshops hosted by the funders relating to this programme, to be held in China and/or South East Asia, over the lifetime of the project.

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**Submission process and required documents** Applications must be submitted via the BBSRC Je-S system by the UK PI on behalf of the entire international consortia, and the application must be jointly prepared. See the [“how to apply”](#) and [“completing your Je-S submission and attachments”](#) sections for guidance on the required documents for the Je-S submission of the joint application.

Please note that in addition to the core documents required for the Je-S submission, **any projects involving a Thai partner are also required to submit the following additional document (in English) via Je-S with their joint application:**

- A completed NSTDA budget request proforma (to be titled “NSTDA Budget Request Proforma”)

This document should be uploaded with the BBSRC Je-S application as attachment type “Non UK Component”.

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Copies of all the documents submitted will be shared with NSTDA once the call has closed.

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**Assessment**

Applications will be externally peer reviewed and assessed in collaboration with the partner funding agencies. See [Annex 1](#) for further details.

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**Contacts**

For NSTDA enquires please contact:  
Ms.Aungsuthorn Sirilaksanamanon (aungsuthorn@nstda.or.th)  
Ms.Mullika Kulsiripruck ([mullika.kul@nstda.or.th](mailto:mullika.kul@nstda.or.th))

All other enquiries about collaboration with Thailand in this call should be sent to the British Embassy Bangkok: Pijarana Samukkan ([Pijarana.Samukkan@fco.gov.uk](mailto:Pijarana.Samukkan@fco.gov.uk))

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