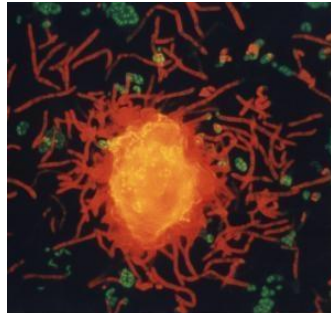


# **Newton Fund FOR 2017/18 AND BEYOND**

*Research & Innovation for Growth and Prosperity”*

**February 2017**

The UK will use its strength in research and innovation to promote the economic development and social welfare of partner countries. By working together on bi-lateral and multi-lateral programmes with a research and innovation focus, the UK will build strong, sustainable, systemic relationships with partner countries. This will support the continued excellence of the UK research base and innovation ecosystem and will unlock opportunities for wider collaboration and trade.



# Newton Country Strategy: THAILAND

## Focus Areas

- Health and Life Science
- Agritech
- Future Cities
- Environment & Energy
- Digital, Innovation & Creativity

## ACTIVITIES

- People Programme
- Research Programme
- Translation Programme

## OBJECTIVES

(outcomes)

- Develop a human capital in science, technology and innovation
- Improve a scientific research standards and infrastructure
- Build a capacity for translating research and innovation to commercial
- Build a strong network of science, technology and innovation practitioners

## GOAL

(impact)

**Improvement in National Competitiveness and Quality of Life** through utilizing science, research and innovation as a driving force

Developing **human capital** in science, technology and innovation

- STEM Education
- PhD Placement
- Professional Development
- Mobility & Researcher Links (travel grants)
- Advanced Fellowships

Improving scientific **research** standards and infrastructure

- **Joint research programmes** addressing the challenges of health, agritech and environment
- **Capacity Building in research management**

Building capacity for **translating research and innovation** to commercial & industrial outcomes




- Leaders in Innovation Fellowship
- Industry – Academia Partnership Programme
- Innovation Ecosystem Strengthening

Building a stronger **network** of science, technology and innovation

- Research Links (workshop grants)
- Institutional Links

# The UK Delivery Partners

The aim is to build strong, sustainable and systemic links between UK and partner country science and innovation bases

<p><b>People:</b> students, undergraduates, early-career researchers</p>	
<p><b>People:</b> professionals</p>	<p style="text-align: center;"><b>UK National Academies</b></p> 
<p><b>Research</b></p>	
<p><b>Innovation</b></p>	<p style="text-align: center;"><b>Innovate UK</b></p>

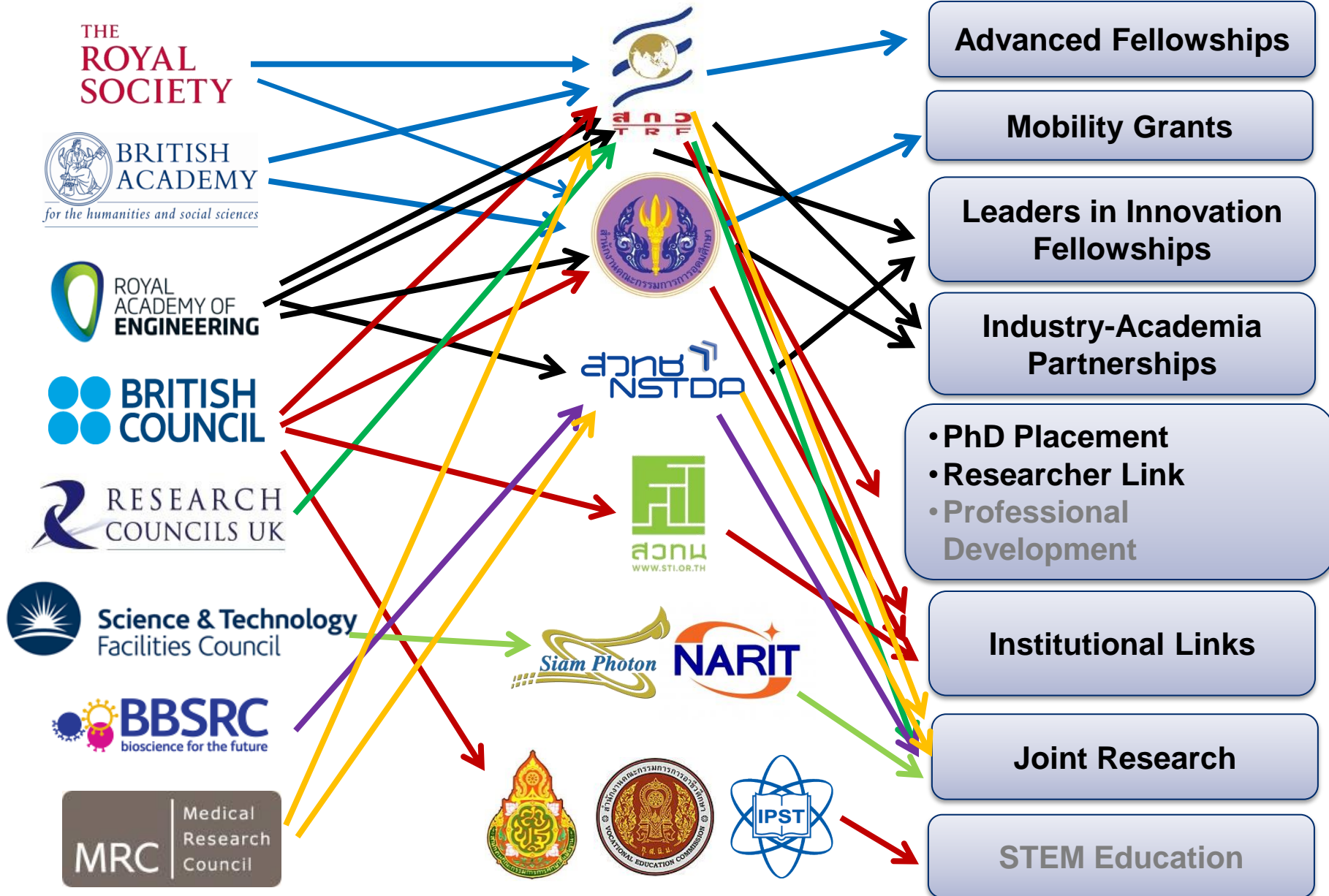
# Thailand Delivery Partners

Our aim is to build strong, sustainable and systemic links between every part of our research base and innovation ecosystem – and **every part of yours**





# In-Country Coordination / Facilitation



- **Another three UK Delivery Partners** are discussing with potential Thai research & innovation organisations for new collaboration development

## Joint Research

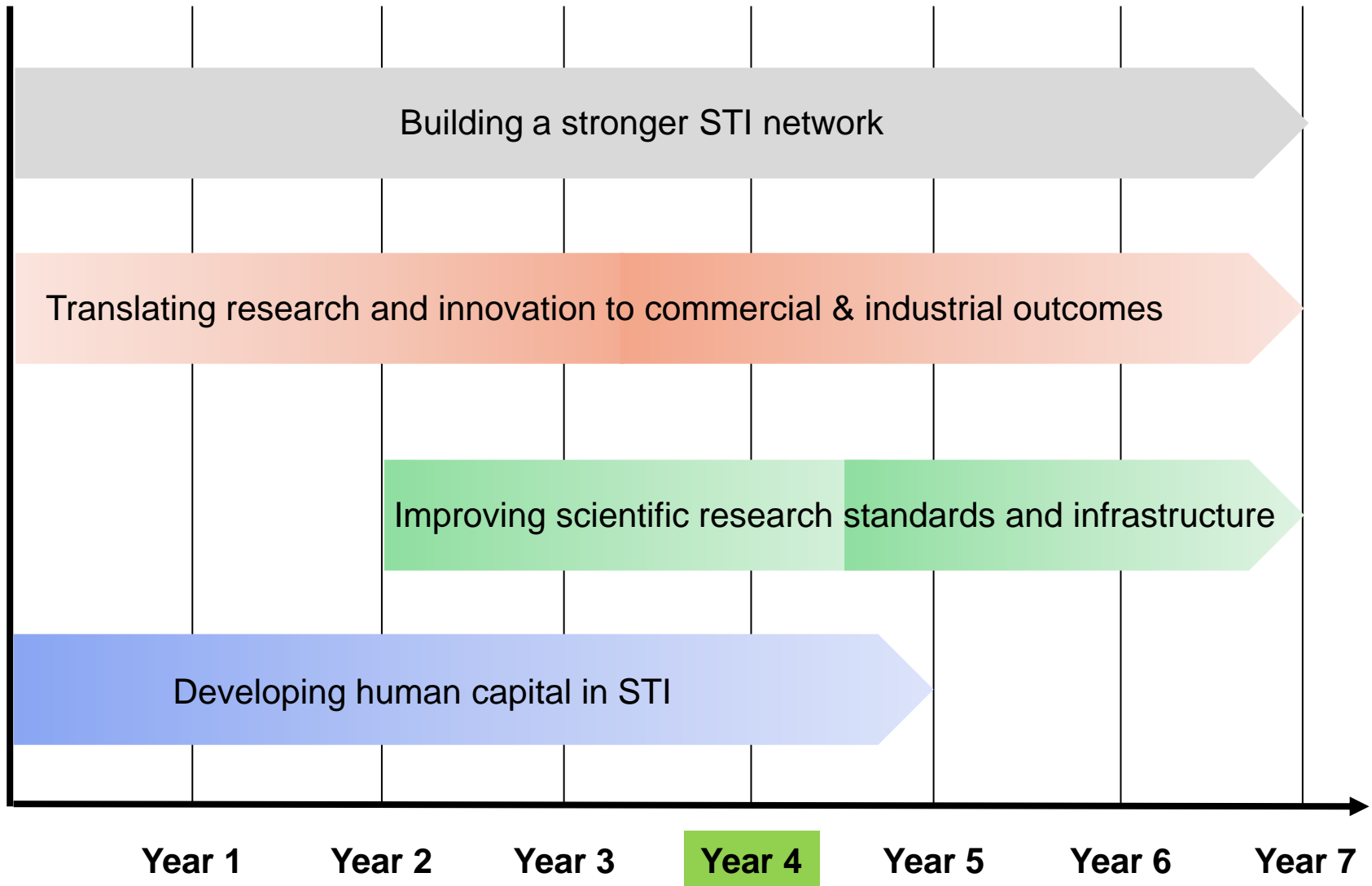


## Joint Translation





# THAILAND's Delivery Plan





PhD  
Scholar

TRF  
6 months

Newton Fund  
6 months

PhD  
Supervisors

1-2 weeks &  
Up to 3 scholars

- Enable scholars to stay for longer periods in UK higher education institutions
- Creating more opportunities to learn from the UK's research excellence and create collaborative links.

# International Collaboration Programmes (Mobility)

- Support **early career researchers** in embarking on research collaborations with their UK counterparts
- Cover Natural Sciences, Engineering, Social Sciences and Humanities (Human Sciences)
- Based around a **new joint high quality research project**
- **Awards for up to 2 years for science, and up to 1 year for social science**  
(Science & Engineering  $\Rightarrow$  £12,000 from RS + THB 500,000 from OHEC)  
(Social Sciences & Humanities  $\Rightarrow$  £10,000 from BA+THB 500,000 from OHEC)
- Includes visits, travel, subsistence, research expenses
- Part of flexible mobility support seeding long-term collaborative partnerships that may go on to attract larger-scale funding

- Fellowships to support early to **mid career researchers** (up to 15 years post PhD).
- Researchers who have already established (or are well advanced in the process of establishing) a research group or research network
- Aim – To support **the development of their research strengths** through collaboration and for more formalised training and development.
- **Up to two years**, with multiple short periods in the UK
- Fellowship will provide a salary top up, research support, training costs, exchange of staff and travel and subsistence (£37k per year from the Academies + THB 1.5 million from TRF )
- Cover Natural Sciences, Engineering, Social Sciences and Humanities (Human Sciences).

THE  
ROYAL  
SOCIETY



BRITISH  
ACADEMY  
*for the humanities and social sciences*



- The Researcher Links programme aims to stimulate initial links between, and support capacity building among, ‘rising star’ early career researchers in partner countries and the UK.

## The Researcher Links: **WORKSHOP**

- bring together the UK – Thailand bilateral cohort of early career researchers to take part in a workshop

## The Researcher Links: **TRAVEL GRANT**

- provide financial support for early career researchers to spend up to six months in the UK to enhance and strengthen collaboration,

## Workshop

- 2 workshop leads from UK and Thailand apply for the grant
- They can identify 4 mentors
- Workshop between Thailand and UK
- At most 40 participants
- Approximate 1.5-2.5 million baht per workshop

## Travel grant

- Up to 6 months in the UK
- 2 way exchange (Thailand → UK or UK → Thailand)



# Upcoming joint research call

- **UK-TH Joint Health Research**
- **STEM skills in data analysis and advanced engineering**
- **Exploiting synchrotrons for industry and societal needs**
- **UK – China – South East Asia Swine and Poultry Initiative**
- **Skills for using large-scale facilities**
- **Increasing Resilience to Hydrometeorological Hazards**



## UK-TH Joint Health Research



- AMR and MDR-TB
- Emerging infectious diseases
- Measles
- Mosquito Born Diseases



- Cardiovascular diseases
- Diabetes Mellitus
- Osteoporosis
- Metabolic Syndrome

Pre-Call Announcement & Research Networking Workshop Announcement in **March 2017**  
Research Networking Workshop **in May 2017**

## STEM skills in data analysis and advanced engineering



Science & Technology  
Facilities Council



Next call:  
2- year program  
launched in  
2<sup>nd</sup> half 2017/18

## Exploiting synchrotrons for industry and societal needs



Science & Technology  
Facilities Council



First  
workshop in  
Feb / March  
2018 or  
sooner



- 2 workshops (one a year)
- 2-year research call

## UK – China – South East Asia Swine and Poultry Initiative



- China: CAS/CAAS
- the Philippines: DOST
- Vietnam

Scoping & Research Networking Workshop has been targeted in **May 2017**

## Skills for Large Facilities (South East Asia)



Science & Technology  
Facilities Council



3-year research call

## Increasing Resilience to Hydrometeorological Hazards proposed by



**Scoping & Networking Workshop  
by end of 2017 (or March 2018, the latest)**

- **PhD Placement:**

PhD Scholars & Travel Grants for PhD Supervisor

- **Mobility Grants**

- **Advanced Fellowships**



OPEN until  
mid March

- **Researcher Links:**

Travel Grants & Workshop Grants

- **Industrial-Academia Partnerships**

- **Leader in Innovation Fellowships**

- **Institutional Links**



Partnership in **capacity building for innovation** between the UK and Thailand:

**Leaders in Innovation Fellowships (LIF) Programme:** Entrepreneurship training and mentorship for researchers who wish to commercialise an innovation

- **Residential training programme:** Two weeks in the UK shall culminate in a final pitch day, which the winner of the final pitch competition shall be awarded.
- Fellows will be provided with **ongoing support from in-country Partner Agency**, as well as follow- up support from their coaches in the form of scheduled phone/video/email correspondence.
- **Regional Hub Events** To showcase the Leaders in Innovation Fellows innovations, build cross—regional - UK linkages and to further embed the Fellows within their local innovation ecosystem



- Lead applicant must be **Thai University** partnering with an industry organisation and a UK institution. The industry partner may also be considered as the UK institution if it is headquartered in the UK.
- Total funding of **£10,000 – £50,000 over two years** to support salary, travel and accommodation costs for activities and workshops
  - **Industry-Academia cooperation** - IAPP will fund collaboration projects between industry and academia organisations which will aim to enhance education or research outcomes in universities.
  - **Disseminating learning** - funds workshops to help spread good practices and escalate impact of the exchanges to a broader level.
  - **Building UK Linkages** - Projects must also include a UK partner institute – academic or industry - to build innovation and engineering links between both countries.



## Potential Models of Collaboration

- Deliver a training programme for Engineering educators on modern teaching methods incorporating novel techniques and ICTs
- Deliver training in research methods for industry-oriented projects
- Collaborative Research Projects undertaken with Industry in partnership with both UK and The Partner Country's universities
- Student competitions for solving industry-related problems
- Enlist UK Experts to conduct Masterclasses for Partner Country Engineering lecturers and industry personnel for complex subject matter
- Send established and future research leaders to UK universities for a six month/ 1 year industry-led research programme
- Industry 'chairs' brought into Partner Country Universities and 'Buddy' with UK Universities in building Industry-Academia linkages
- Bilateral Exchanges between Industry and Academic organisations to design/ develop research agenda and curricula in Emerging Technologies

- Grants can be between £50,000 to £300,000 over two years
- Grants for establishing links between higher education, research institutions and businesses with the aim of translating research to drive economic development and social welfare in partner countries.
- Initiate new research and innovation collaborations between academic groups, departments and institutions in partner countries and the UK
- Develop existing collaborations at group, departmental and institutional level



If you require assistance to find a **research partner** in the UK, we support you to identify a potential collaborator for the following programmes

- Researcher Links Workshop
- Researcher Links Travel Grant
- Institutional Links

We also provide assistance to find a host institution for **PhD students**

[www.britishcouncil.or.th/en/programmes/education/our-work-support-higher-education-and-research-sector/NewtonFund/research-partner-UK](http://www.britishcouncil.or.th/en/programmes/education/our-work-support-higher-education-and-research-sector/NewtonFund/research-partner-UK)

- We accept online application only through the website of UK Delivery Partner

## Login

Login

**Username**

**Password**

Login 

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Science areas >

**Browse funding opportunities**

Application deadlines >

Guidance for applicants >

Guidance for MRC award holders >

Board Observers

### UK-Thailand: Joint Health Research Call

- **Status:** Closed
- **Open date:** 09 Mar 2015
- **Closing date:** 02 Jun 2015 16:00
- **Type:** Calls
- **Categories:** Infections and immunity, Molecular and cellular medicine, Global health

**Document downloads**

- >  MRC - NSTDA - TRF guidance for applicants (PDF, 252KB)
- >  Annex 1 International Budget Pro-Forma TRF (DOC, 44KB)
- >  Annex 2 International Budget Pro-forma NSTDA (DOC, 47KB)
- >  UK-Thailand expression of interest template (DOCX, 19KB)

Researchers planning to submit to this scheme are asked to submit an Expression of Interest by **Friday, 1 May**

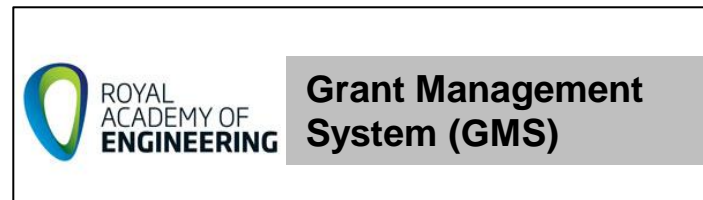
### Objectives and scope

+ more text

### Scientific remit

+ more text

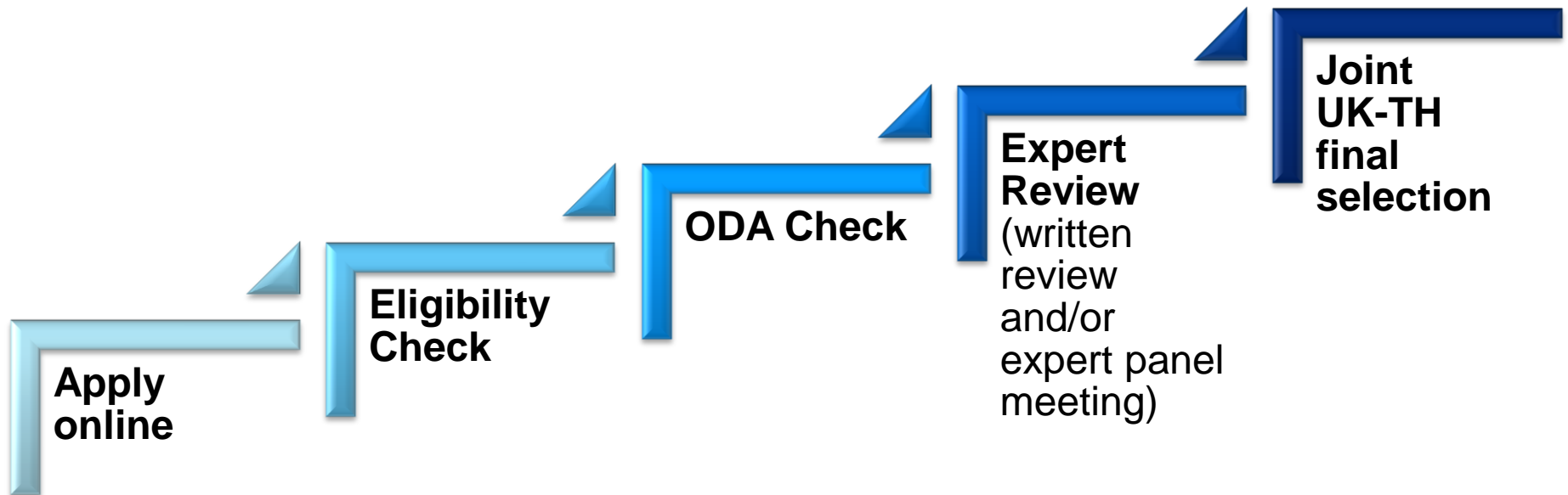
[register](#)





- Non-binding scholarship and grant but monitoring and evaluation report is required
- Accept majority of the research fields from sciences to social sciences
- Most programme have different completion date
- Need to be accepted by host institution in the UK prior to application (evidence is required)
- Only government body, research institute, higher education institutions (private/public) can apply
- Awarded grantees can reapply but selection process is upon the guideline of each programme

# Selection Process





# Official Development Assistance



Jane Casey – Statistics Adviser  
Department for International Development



## A bit of background...

- Definition agreed in **1969** by the OECD DAC (*Development Assistance Committee*).
- ODA is the key measure used in most **aid targets** and assessments of **aid performance**.
- DAC members agree definition – UK can influence but cannot set/change the definition.
- **1970** most DAC members agreed to long term objective of **0.7% ODA target**.
- **2004 UK govt.** set target to achieve 0.7% by 2013.
- Measured on a **calendar year** basis
- Detailed programme level data scrutinised and published by the OECD



## Primary purpose test...

*“each transaction of which is administered with the promotion of the economic development and welfare of developing countries as its main objective”.*



**Primary purpose –  
benefitting the UK**



## **Economic Development and Welfare as the main objectives: *Examples***

- **Social and cultural programmes**
- **Assistance to refugees**
- **Civil police work**
- **Research** “ *Only research directly and primarily relevant to the problems of developing countries may be counted as ODA.*”





## **Not ODA or Not reportable as ODA**

- **Military aid:** The supply of military equipment and services, and the forgiveness of debts incurred for military purposes.
- **Peacekeeping:** The enforcement aspects of peacekeeping.
- **Anti-Terrorism**



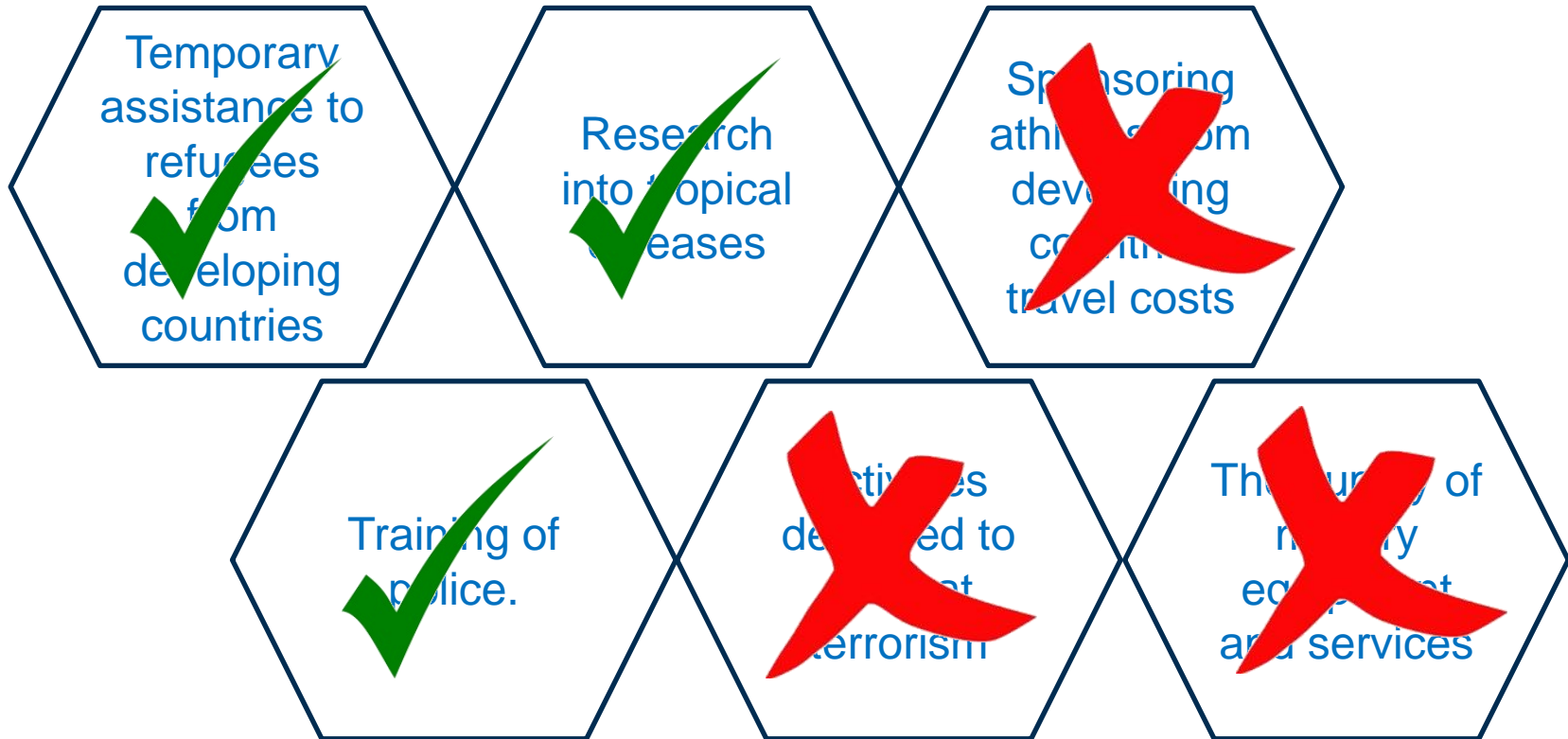
## Depends on objective

### Nuclear energy ???

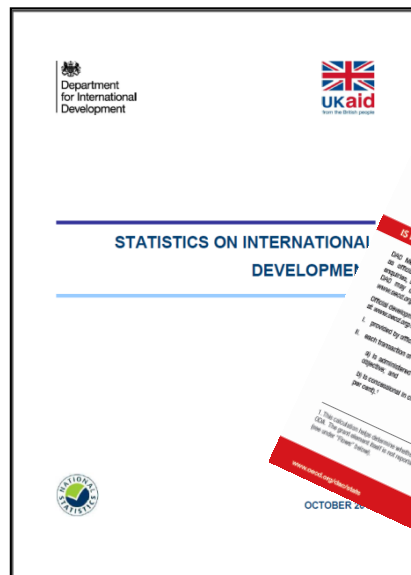
- ✓ The peaceful use of nuclear energy, including construction of nuclear power plants, nuclear safety and the medical use of radioisotopes
- ✗ Military applications of nuclear energy and nuclear non-proliferation activities



## Is it ODA?



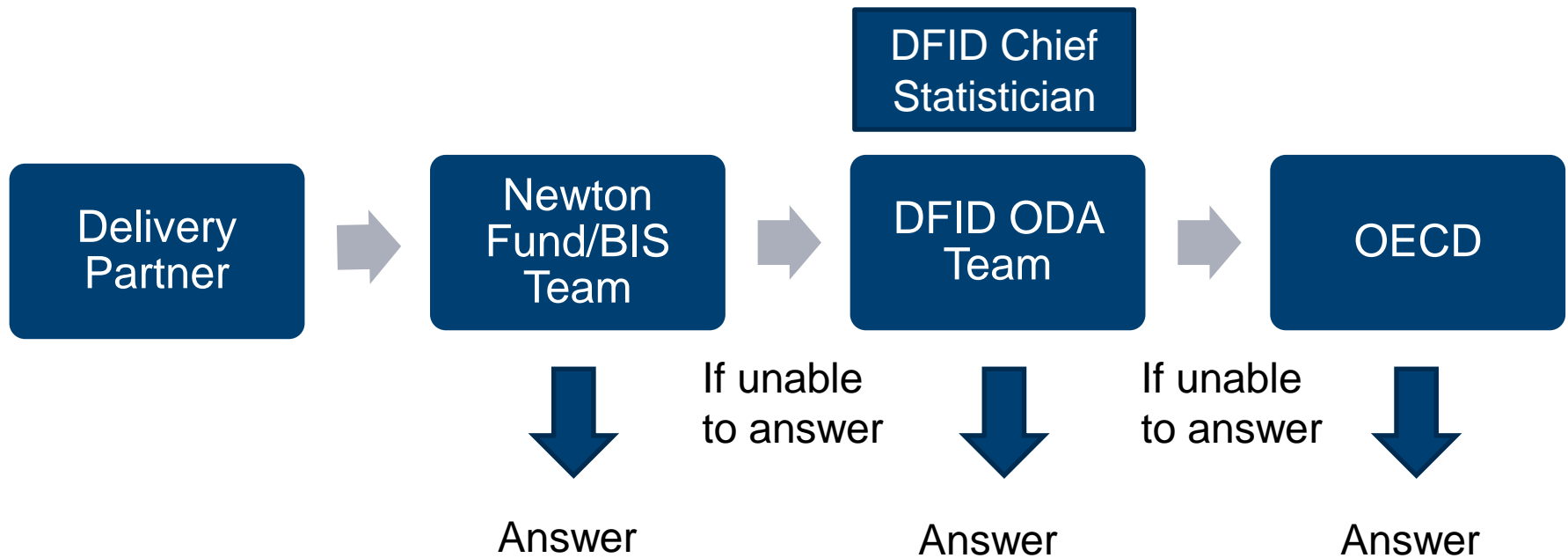
## Where to find out more....



<http://www.oecd.org/dac/stats/officialdevelopmentassisteddefinitionandcoverage.htm>

<https://www.gov.uk/government/organisations/department-for-international-development/about/statistics>

## ODA eligibility process



# THANK YOU



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Bangkok

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