

# Newton – Katip Çelebi Fund

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Newton Fund In-Country Team



# What to Cover?

What is Newton Fund?

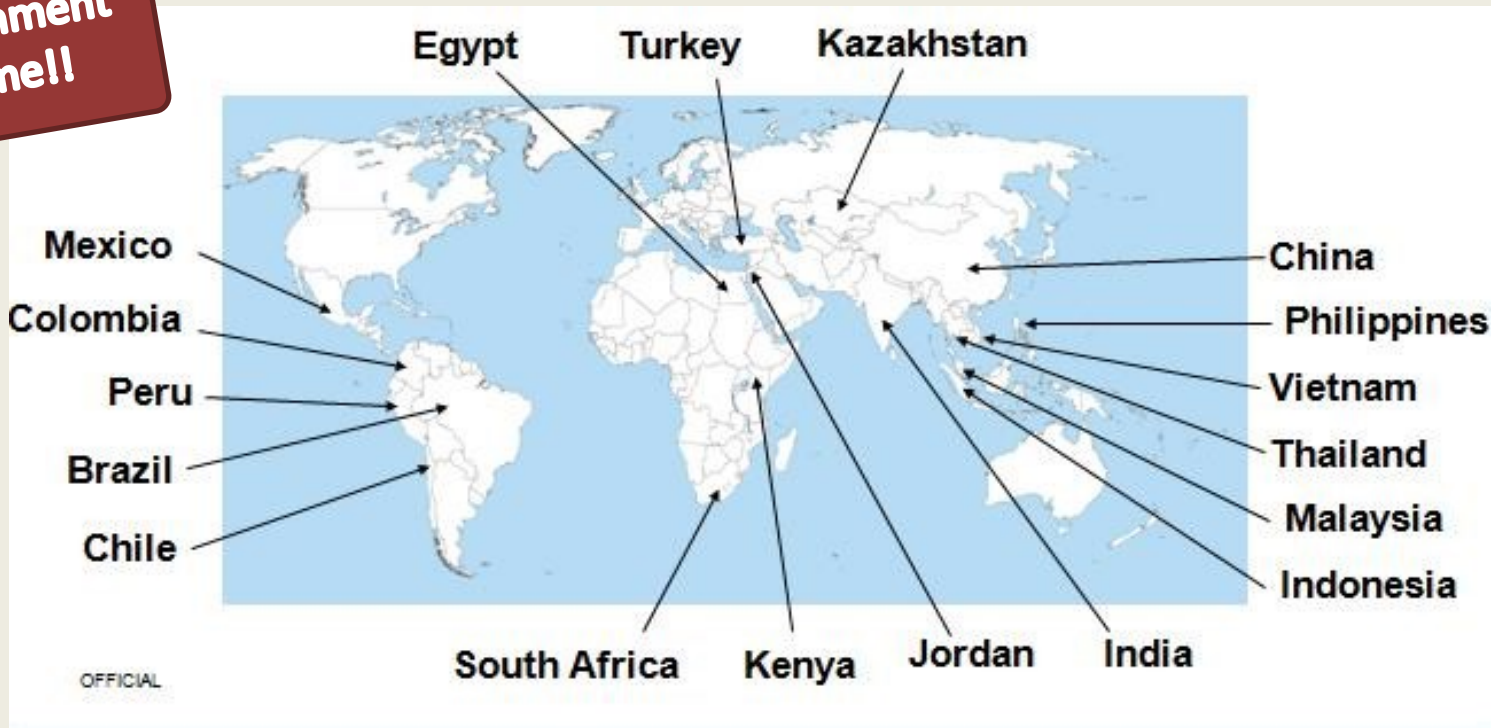


What are the funding opportunities?



Practical information on finding collaborators

**A UK Government  
Programm!!**



**Supports new science and innovation links between  
the UK and Partner Countries**

**ODA  
Criteria**

**Duration  
2014-  
2021**

**+**

**Promote economic and social development**

**Total  
Budget  
£735 M**

**100  
Funding  
Partners**

# Key principles of Newton Fund



## Partnership

Building strong, sustainable, systemic relationships with partner countries

## Capacity

Facilitating the transfer of knowledge and research capability to build scientific capacity

## Global challenges

Tackling global development challenges to support economic development and social welfare

## Excellence

Supporting continued excellence of UK research base and reaching the world's best scientists



OFFICIAL





# How does Newton Fund Operate?



- ✓ **Coordination in Department for Business, Energy, Industrial Strategy**
- ✓ **Official Development Assistance** element
- ✓ **Match Funding** with Newton Country



- ✓ Mediation through **Newton In-Country Team**
- ✓ Agreement with **Local Partners** and **UK Delivery Partners**
- ✓ Launching **support programmes** for scientific and technological development



- ✓ **People:** Increasing capacity in science and innovation, individually and institutionally in partner countries.
- ✓ **Research:** Research collaborations.
- ✓ **Translation:** Creating collaborative solutions to development challenges and strengthening innovation systems.

# Official Development Assistance



- **What is ODA?**

*The UK's Official Development Assistance (ODA) is an overseas aid budget which aims to create a safer and more prosperous world.*

- **What is the connection with Newton Fund?**

*The UK's Newton Fund money is classed as ODA. Therefore the activities need to aim contribution to a reduction in poverty, and aim to further sustainable development or improve the welfare of the population of Newton Fund countries.*

- **Please pay attention to:**

*ensure your activities has ODA eligibility. You can check OECD's '[ODA definition and coverage](#)' document for your proposals. Please forward your queries on ODA to the relevant delivery partner.*

- **How to check ODA eligibility?**

*Does your proposal;*

*-aim to promote the welfare and economic development of Turkey?*

*-is designed to address a development need?*

*- is focusing on developing country problems?*

*Please click [here](#) for Official ODA guidelines.*

# Newton– Kâtip Çelebi Fund

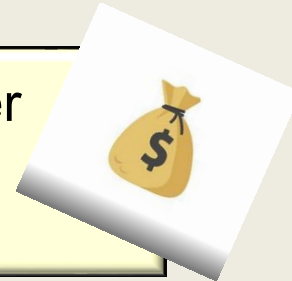


**TÜBİTAK**, as the **main local partner** has signed the agreement in September 2014.



**Istanbul Development Agency** became the second local partner of Newton Fund in March 2018.

Each country has reserved **up to £4 million** per year for supporting scientific and technological development.



- 330 Awards
- £17.5 million budget
- 81 different institutions from 27 cities in Turkey

New programmes are on the way!



**Newton-Katip Çelebi  
Fund**

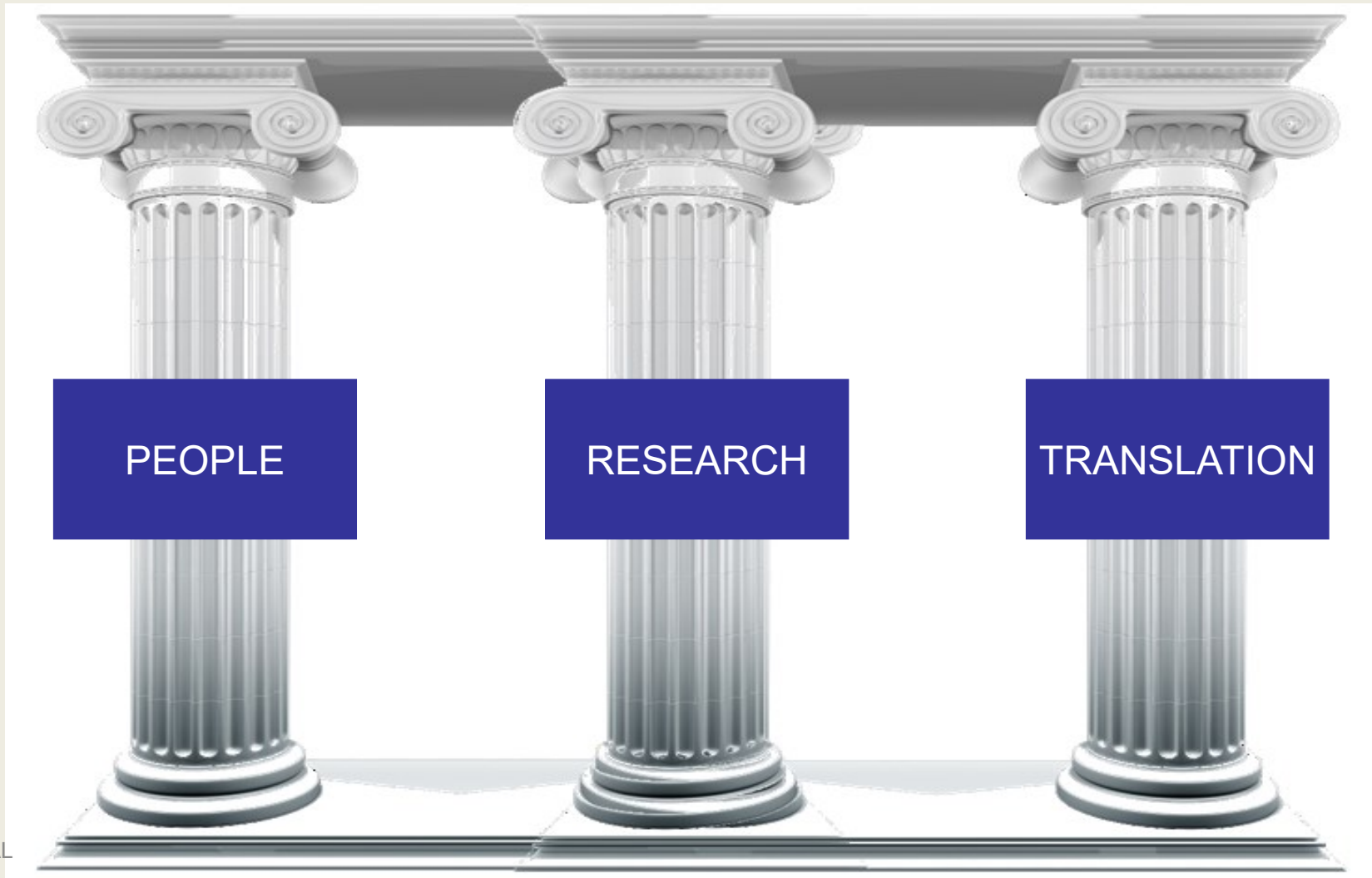
# Top 10 Institutions of Newton- Katip Celebi Fund in Turkey

Name of the University	Number of Projects
Istanbul Technical University	20
Middle East Technical University	19
Koc University	16
Bogazici University	12
Bilkent University	9
Sabanci University	9
Ege University	8
Dokuz Eylul University	7
Hacettepe University	6
Istanbul Bilgi University	6



# The three pillars

The Newton Fund largely comprises three pillar activities:



# Pillars and Programmes

## People

Advanced Fellowships

Mobility Grants

International Fellowships

TUBITAK Fellowship  
Programmes

TUBITAK Workshop Grants

Professional  
Development&Engagement

Distinguished Visiting  
Fellowships/Missions

## Research

Institutional  
Links

RCUK

## Translation

Fellowships in  
Innovation

Business  
Collaboration

Joint RDI  
Research

IAPP

# People

## Advanced Fellowships

Mobility Grants

International Fellowships

TUBITAK Fellowship Programmes

TUBITAK Workshop Grant

Professional Development & Engagement

Distinguished Visiting Fellowships/Missions



**Early to mid-career researchers with PhD degree**  
(up to 15 years of postdoctoral experience)

**British Academy, The Royal Society**



To develop research strengths and provide support for **training with the UK collaborator**

**Up to £37.000/year** and  
funding through the UK partner



**Up to 3 years (Royal Society)**  
**Up to 2 years (British Academy)**

**A salary top up (£5k max.)**  
**Travel and subsistence (£12k max.)**  
**Training (£5k max.)**  
**Research support (£15k max.)**

**Budget  
Items**



Applicants must have a fixed term contract for award duration!



Royal Society does not support clinical or patient oriented research!



Applicants in SSH should apply to British Academy!

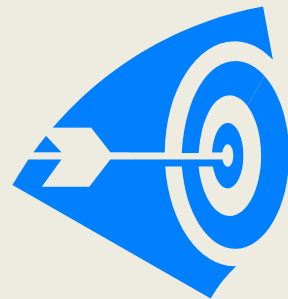
# Project: Perception of an attitude towards the Syrian Refugees in Turkey



- ✓ Advanced Fellowship in Social Sciences
- ✓ **Partnership** of Istanbul Altinbas (Kemerburgaz) University and University of Kent



- ✓ One year project with **£37,000 budget** (almost 200,000 TRY)
- ✓ Funding by British Academy



- ✓ Exploration of dynamics of the prejudice and discrimination against Syrian refugees
- ✓ Develop policy recommendations to be employed by local and central government agencies
- ✓ Promote international and interdisciplinary collaboration between Turkey and UK on the matter.

# People

Advanced Fellowships

## Mobility Grants

International Fellowships

TUBITAK Fellowship Programmes

TUBITAK Workshop Grant

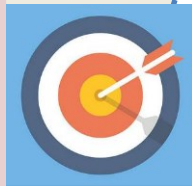
Professional Development & Engagement

Distinguished Visiting Fellowships/Missions



**All researchers with PhD!**  
(with fixed term contract)

**British Academy, The Royal Society**



To assist partner countries in **visiting or sending staff or students** to the UK for developing **NEW** networks or **NEW** initiatives within ongoing collaborations (For British Academy)

- **Up to £3,000** for one-off travel up to **3 months**
- **Up to £6,000** for multiple visits in 1 year (incl. max. of £1,000 for research)
- **Up to £12,000** for multiple visits in 2 years (incl. max. of £2,000 for research)



British Academy provides support for only 1 year and up to £ 10k!



The scheme is intended to stimulate new collaborations!



The grant can be requested for one-off short visit or bilateral visits!



Travel costs to a third country is not covered!



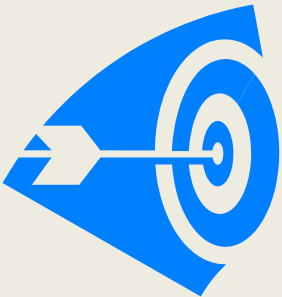
# Project: Exploring Barriers to Open Innovation in Emerging Countries: The case of Turkey



- ✓ Mobility Grants in Social Sciences
- ✓ **Partnership** of Koc University and University of Warwick



- ✓ One year project with **£9,000 budget** (almost 50,000 TRY)
- ✓ Funding by British Academy



- ✓ Identification the main barriers to open innovation in emerging countries.
- ✓ Conduct of an inductive study using the multiple case study method.
- ✓ Detect the industries where open innovation remained low and make contributions to research on innovation hence offer solutions to managers and policymakers.

# People

Advanced Fellowships

Mobility Grants

## International Fellowships

TUBITAK Fellowship Programmes

TUBITAK Workshop Grant

Professional Development & Engagement

Distinguished Visiting Fellowships/Missions



**Early stage post-doctoral researchers!**  
(up to 7 years of postdoctoral experience)

**British Academy, The Royal Society**



To select the very best early career postdoctoral researchers and enable them **to work at UK research institutions for 2 years**

**Up to £34,000/year**

- £24,000 for subsistence costs
- Up to £8,000 for research (travel, equipment)
- A one-off payment of up to £2,000 for relocation



**2 years, on a full time basis**



Clinical and patient oriented research is supported by AMS!



Applications from private/commercial organisations are not accepted!



In addition, 50% of the award will be provided to the UK host institution!

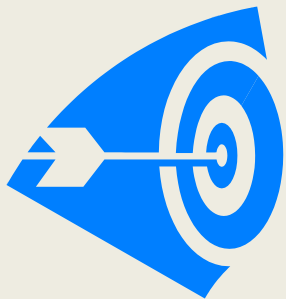
# Project: Developing Novel Approaches To Enhance Privacy Protection In Research Databases



- ✓ International Fellowship in Health and Biotechnology
- ✓ **Partnership** of Middle East Technical University and University of Edinburgh



- ✓ 2 years project with **£99,000 budget** (around 500,000 TRY)
- ✓ Funding by the Royal Society



- ✓ Development of methods and approaches to enhance privacy protection
- ✓ Maximisation of information content in the application of machine learning algorithms on temporal datasets of structured and unstructured health data.

# People

Advanced Fellowships

Mobility Grants

International Fellowships

## TUBITAK Fellowship Programmes

TUBITAK Workshop Grant

Professional Development&Engagement

DVMF

### 2221 - Fellowships for Visiting Researchers and Researchers on Sabbatical Leave

\* Fellowships for international scientists/researchers who would like to give workshops/conferences/lectures, or conduct R&D activities in Turkey

1. **Visiting Scientists/researchers on Short-term (up to 1 month)** - up to 3.000 US\$/month
2. **Visiting Scientists/researchers on Long term (up to 12 months)** - up to 3.000 US\$/month
3. **Scientists/researchers on SABBATICAL LEAVE (from 3 months to 12 months)** - up to 3.500 US\$/month

# People

Advanced Fellowships

Mobility Grants

International Fellowships

TUBITAK Fellowship Programmes

**TUBITAK  
Workshop Grant**

Professional Development &  
Engagement

Distinguished Visiting  
Fellowships/Missions

## 2223-D TUBITAK Workshop Grants

- Workshops, seminars or meetings to be organized in Turkey with the participation of Turkish and UK researchers are supported.
- **Focus**
  - Public Institutions or universities located in Turkey
- **Thematic Priorities:**
  - Health
  - Food
  - Biotechnology
  - Information and Communication Technologies
  - Nanotechnology
  - Energy
  - Environment
  - Social Sciences
- **Funding: Up to 50,000 TL**
  - Travel and accommodation expenses of participants from the UK or Turkey; venue rental; treats and organizational expenditures.



# Research

## Institutional Links

TUBITAK – RCUK  
Bilateral Call

## Institutional Links

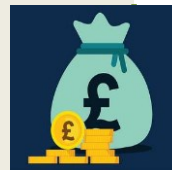
**British Council and TUBITAK Collaboration**

**Initiate or develop research and innovation collaborations**

**Collaborations with non-academic organisations and individuals**

**Establish local hubs for UK-Turkey activity in a particular area**

**Bilateral Academic Partnerships up to 2 years**



**UK Team: £150K**

**Turkish Team: ₺720,000**

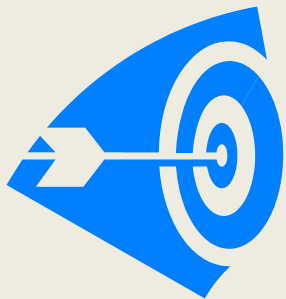
# Project: Optimising Crop Yield And Agricultural Resources With Precision Laser Sensing



- ✓ Institutional Links in Food and Agriculture
- ✓ **Partnership** of Adnan Menderes University and Imperial College London



- ✓ 2 years project with **£161,428 budget** (almost 830,000 TRY)
- ✓ Funding by the British Council and TUBITAK



- ✓ *Development of a new precision laser technology that can help to monitor agricultural crops.*
- ✓ *Accurately monitoring adverse environmental impacts on plants such as pollution, water or chemical use.*
- ✓ *Contribution to tackle developmental challenges, including population growth , climate change and water scarcity in Turkey and globally.*

# Translation

Leaders in  
Innovation

Business  
Collaboration  
Programme

Joint RDI  
Projects

IAPP

## Industry-Academia Partnership Programme

strong bilateral industry-academic links that build capabilities within international universities and improve their engineering teaching, research and innovation outcomes

Enhance industry  
input into  
engineering  
curricula

Develop new  
partnerships and  
strengthen bilateral  
collaboration

Formation of deep,  
strategic bilateral  
partnerships  
between industry  
and academia

Improve business-  
university  
interface

Deadlin  
e 19  
Dec.!!

# Translation

Leaders in  
Innovation

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Collaboration  
Programme

Joint RDI  
Projects

IAPP

Topic: Broad range of disciplines regarded as  
“ENGINEERING”

Deadline  
19  
Dec.!!!

Biotechnology, petrochemicals, offshore engineering,  
geotechnics, water resources, building services,  
telecommunications, optics, lasers, information technology,  
energy conservation, manufacturing, applied mechanics,  
bioengineering, materials, aeronautical, maritime, naval

## Budget per project

Up to **£50,000/£400,000** by  
RAENG/TUBITAK

**At least 20% cash + 30% in-kind match** contribution by  
the consortium

## Budget Items

Travel

Subsistence

Salary Support

Other costs (consumables,  
conference fees)

# Translation

Leaders in  
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IAPP

The Consortium

Turkish  
University

Turkish  
Industry

British  
University

Deadline  
19  
Dec.!!!

Duration: Up to 2 years

All collaborations must begin during April 2019 and end by 30<sup>th</sup> April 2021.

**No funding for:**  
Military research applications;  
When the focus is on the commercialisation of research outside  
of Turkey



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IAPP

## Potential Models of Collaboration

### 1. Delivering a training programme for Engineering educators on modern teaching methods incorporating novel techniques and ICTs

<b>Problem Statement</b>	Critical need to update the way engineering subjects are taught and change the role to educator to facilitator of learning
<b>Objective</b>	Deliver training to Eng. Faculty on new teaching methods
<b>Concept&amp;Activities</b>	Transfer lessons from the methods implemented in the UK Deliver training of trainers Engage industry partners for necessary approach
<b>Outputs&amp;Outcomes</b>	Improved capacity Enhanced student learning outcomes Strong industrial linkage for employment
<b>Matched Funding</b>	Facilities and human resources of project team
<b>UK Added Value/Links</b>	UK value added in terms of knowledge transfer

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## Other Potential Modules

Deliver training in research methods for industry-oriented projects

Collaborative research projects undertaken with industry in partnership with both UK and Turkey's universities

Student competitions for solving industry-related problems

Enlist UK Experts to conduct Masterclasses for Turkish 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 Turkish 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



These models have been given only as suggestions of the types of proposals and are not exclusive. Other ideas are very much welcome!

## How to Apply?

# Translation



Proposals should be submitted to both RAENG and TUBITAK. The proposals who were submitted to only one institution will not be eligible!!!

Leaders in  
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Collaboration  
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IAPP

### 1<sup>st</sup> Step

Register to  
PRODIS via  
<https://eteydeb.tubitak.gov.tr/>

Send the  
necessary  
printed  
documents to  
TUBITAK

**Deadline 14  
December!**

### 2<sup>nd</sup> Step

Apply to **RAENG**  
via  
<https://grants.raeng.org.uk>

Supporting  
Documents:  
Budget table,  
letters of  
support,  
approvals from  
the university

**Deadline: 19  
December!**

### 3<sup>rd</sup> Step

Apply to  
**TUBITAK** via  
<https://eteydeb.tubitak.gov.tr/>

Supporting  
Documents:  
Application form  
of RAENG,  
Budget table,  
letters of  
support,  
approvals from  
the university

**Deadline: 21  
December!**

## How to Apply?

# Translation

Leaders in  
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IAPP

### *Assessment Criteria:*

1. Applicant Implementation Capacity and Partnership Quality
2. Goals, Objectives, Outcomes and Sustained Impact
3. Project Details, Feasibility and Resource Allocation
4. ODA Eligibility

**For your questions: Get in contact with the Delivery Partners**



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# Why to collaborate?



- Research is carried out on a truly global basis

- The UK is a hub for excellent science

- 29% of the UK academic workforce is from overseas, as are over half of PhD students

- Fundings are the support for the UK in its broader role in international science.

- It is crucial for UK to attract the talent it needs from overseas, as well as enabling UK scientists to travel abroad.

- They may find collaborators with expertise that is complementary

- Collaborative research often has higher impact and stronger publication ranking



# Finding a UK collaborator



## Resources for Searching Partners

**Newton Fund Database** <http://www.newtonfund.ac.uk/funding/application-support/>

**Gateway to publicly funded research and innovation** <https://gtr.ukri.org/>

**Science and Innovation Officer at British Consulate** Get in contact with Busra Afsar!

## *How to approach a potential UK collaborator?*

- ➡ Begin with introducing yourself,
- ➡ Refer to their work on the field,
- ➡ State your potential collaboration area (how to win-win),
- ➡ Ask if they are available for a talk on mutual interest,
- ➡ Keep your e-mail short,
- ➡ Do not sound too ambitious/aggressive,
- ➡ Be careful on your mail title,
- ➡ It is ok to remind your previous mail!

# Applying for UK Visa



**Newton fellows are recommended to get in touch with Newton in-country team in advance for applying for UK Visa. It is strongly recommended for applicants to apply at least one month prior to their visit via [www.gov.uk](http://www.gov.uk).**

# How to access information on Newton Fund?



- ✓ Always get in touch with the Newton Fund In-Country Team!!
- ✓ Send an e-mail to [NewtonFund.Turkey@fco.gov.uk](mailto:NewtonFund.Turkey@fco.gov.uk)



- ✓ Visit <http://www.newtonfund.ac.uk>
- ✓ Visit <https://h2020.org.tr/tr/ikili-isbirlikleri/gb#mevcut-durum>



- ✓ Get in touch with Delivery Partners!!

Any  
questions?

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