Newton – Katip Çelebi Fund
Pinar Cetin & Asli Akcayoz
Newton Fund In-Country Team
What to Cover?

What is Newton Fund?

What are the funding opportunities?

Practical information on finding collaborators
Supports new science and innovation links between the UK and Partner Countries

Promote economic and social development

Duration 2014-2021

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
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.
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.
TUBITAK, 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!
## Top 10 Institutions of Newton- Katip Celebi Fund in Turkey

<table>
<thead>
<tr>
<th>Name of the University</th>
<th>Number of Projects</th>
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<tbody>
<tr>
<td>Istanbul Technical University</td>
<td>20</td>
</tr>
<tr>
<td>Middle East Technical University</td>
<td>19</td>
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<tr>
<td>Koc University</td>
<td>16</td>
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<tr>
<td>Bogazici University</td>
<td>12</td>
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<tr>
<td>Bilkent University</td>
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<tr>
<td>Sabanci University</td>
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<tr>
<td>Ege University</td>
<td>8</td>
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<tr>
<td>Dokuz Eylul University</td>
<td>7</td>
</tr>
<tr>
<td>Hacettepe University</td>
<td>6</td>
</tr>
<tr>
<td>Istanbul Bilgi University</td>
<td>6</td>
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</tbody>
</table>
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
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.)

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.
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, The Royal Society

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!
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.
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.
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
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.
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.
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

Deadline 19 Dec!!!
Translation

Leaders in Innovation

Business Collaboration Programme

Joint RDI Projects

IAPP

Topic: Broad range of disciplines regarded as “ENGINEERING”

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

<table>
<thead>
<tr>
<th>Travel</th>
<th>Subsistence</th>
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<tbody>
<tr>
<td>Salary Support</td>
<td>Other costs (consumables, conference fees)</td>
</tr>
</tbody>
</table>

Deadline: 19 Dec.!!!
The Consortium

Turkish University

British University

Turkish Industry

Leaders in Innovation

Business Collaboration Programme

Joint RDI Projects

IAPP

Deadline 19 Dec.!!!

Translation

Duration: Up to 2 years

All collaborations must begin during April 2019 and end by 30th April 2021.

No funding for:
- Military research applications;
- When the focus is on the commercialisation of research outside of Turkey
## Potential Models of Collaboration

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

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

**Leaders in Innovation**

**Business Collaboration Programme**

**Joint RDI Projects**

**IAPP**

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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

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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?

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

1st Step
Register to PRODIS via https://eteydeb.tubitak.gov.tr/
Send the necessary printed documents to TUBITAK
Deadline 14 December!

2nd Step
Apply to RAENG via https://grants.raeng.org.uk
Supporting Documents: Budget table, letters of support, approvals from the university
Deadline: 19 December!

3rd 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?

**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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Tel: +90 312 298 14 71
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

<table>
<thead>
<tr>
<th>Newton Fund Database</th>
<th><a href="http://www.newtonfund.ac.uk/funding/application-support/">http://www.newtonfund.ac.uk/funding/application-support/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway to publicly funded research and innovation</td>
<td><a href="https://gtr.ukri.org/">https://gtr.ukri.org/</a></td>
</tr>
<tr>
<td>Science and Innovation Officer at British Consulate</td>
<td>Get in contact with Busra Afsar!</td>
</tr>
</tbody>
</table>
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.
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

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

- Get in touch with Delivery Partners!!
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<thead>
<tr>
<th>Name</th>
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<th>Phone Number</th>
<th>Email Address</th>
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<tbody>
<tr>
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http://www.newtonfund.ac.uk