

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?

What is the timeline for future calls?



What are the information channels?

What is Global Challenges Research Fund?



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

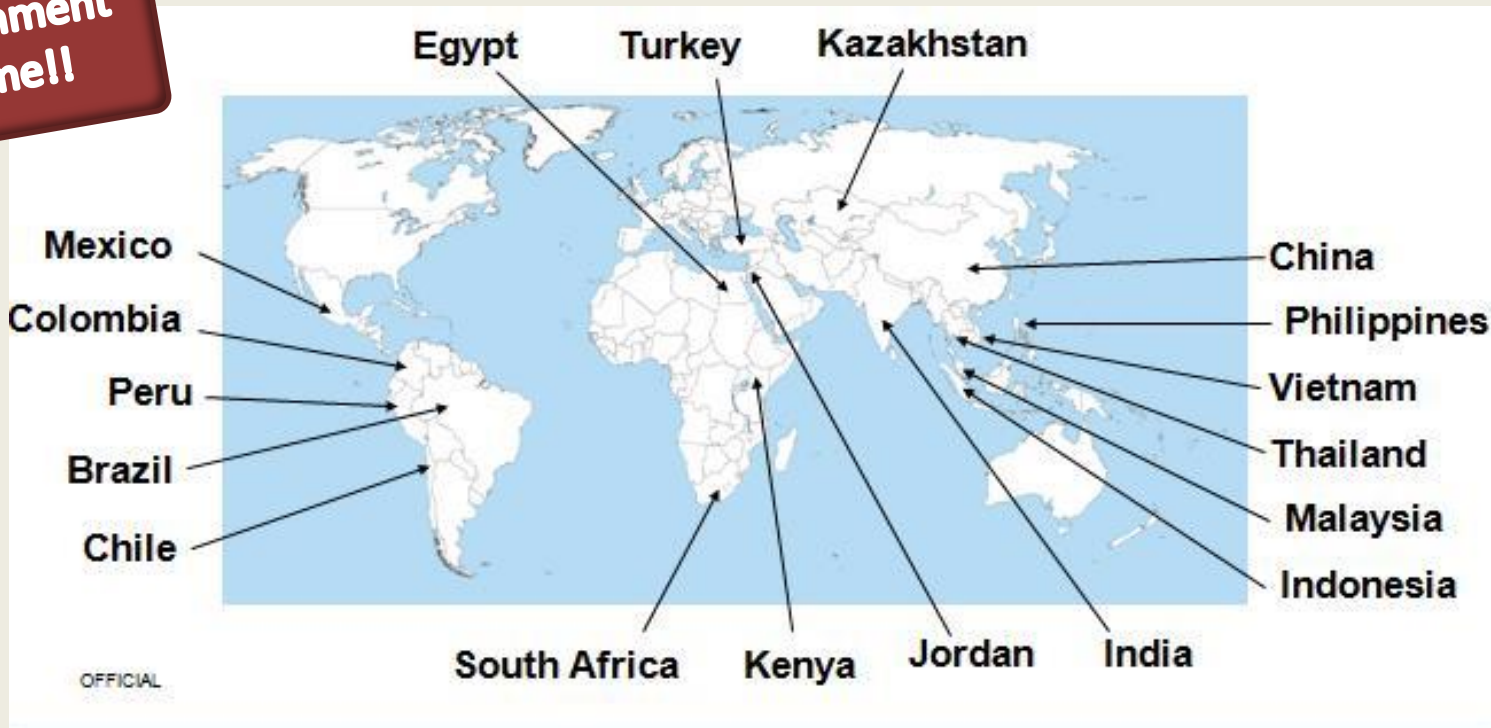
Tackling global development challenges to support economic development and social welfare

Excellence

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



**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**

 **Newton-Katip Çelebi
Fund**

**100
Funding
Partners**

How does Newton Fund Operate?



- ✓ **Official Development Assistance** element
- ✓ **Match Funding** with Newton Country
- ✓ Mediation through **Newton In-Country Team**



- ✓ Agreement with **Local Partners** and **Delivery Partners**
- ✓ Launching **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.

Coordination

- BEIS – Department for Business, Energy, Industrial Strategy



Department for
Business, Energy
& Industrial Strategy

Delivery Partners

- Academies
- British Council
- RCUK
- InnovateUK



Thematic Priorities

Lifelong Health And Welfare

Agriculture and Food Security

Disaster and Risk Management

Energy and Climate Change

Social Sciences and
Humanities (Cross-cutting)



Newton-Katip Çelebi
Fund

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 ['Is it ODA?'](#) 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 Fund in-country team Turkey

- In-country teams within Newton partner countries – promote the Newton Fund and build strong partnerships in-country
- Work with all partners - in-country and UK delivery partners
- Based in the Embassies, Consulates or High Commissions
- Promote the UK as the partner of choice
- Specific named Newton Fund partnerships in-country – brand awareness of **equal partnership**

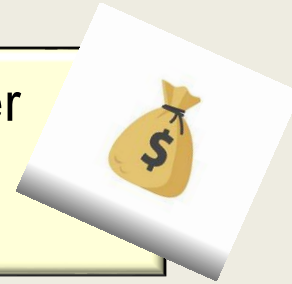


Newton– Kâtîp Çelebi Fund



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

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



- 307 Awards
- £17 million budget
- 81 different institutions from 27 cities in Turkey

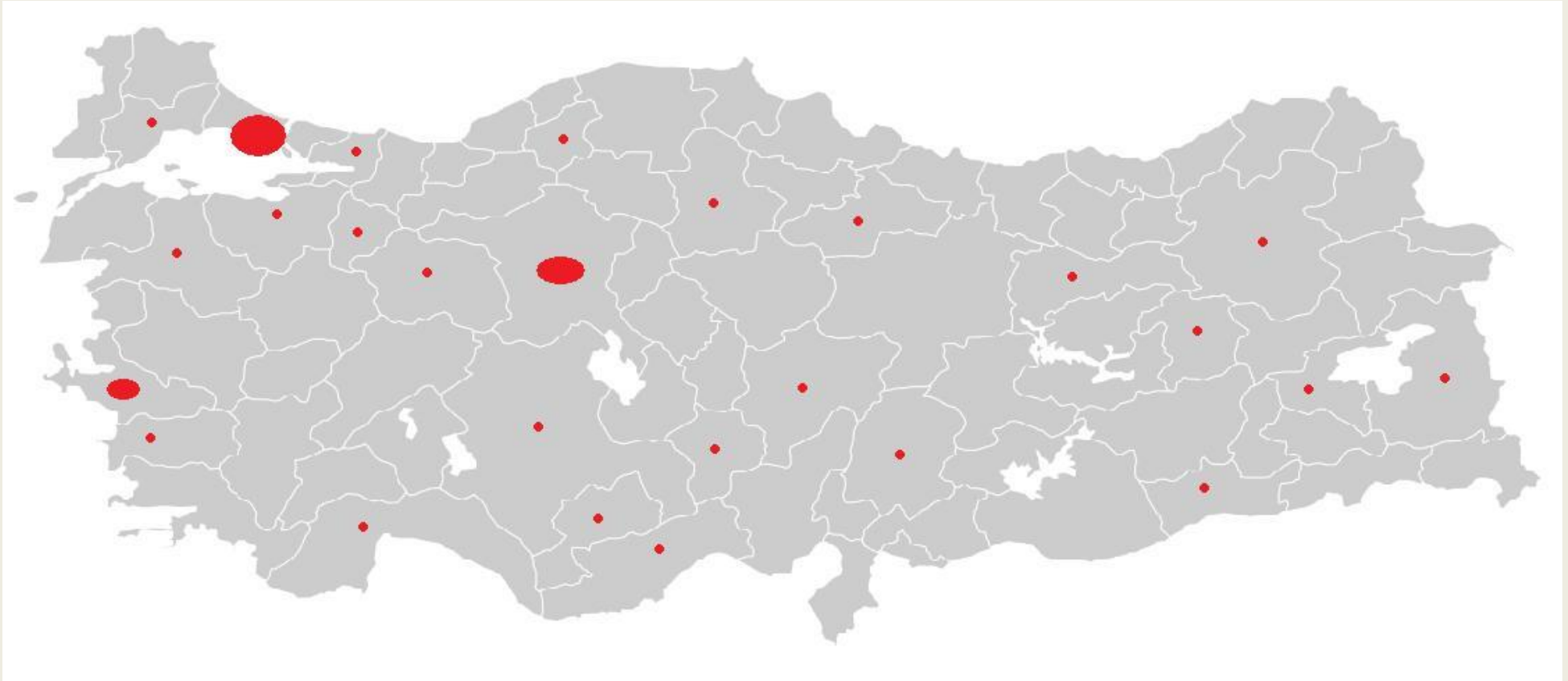
New programmes are on the way!



Top 10 Institutions of Newton- Katip Celebi Fund in Turkey

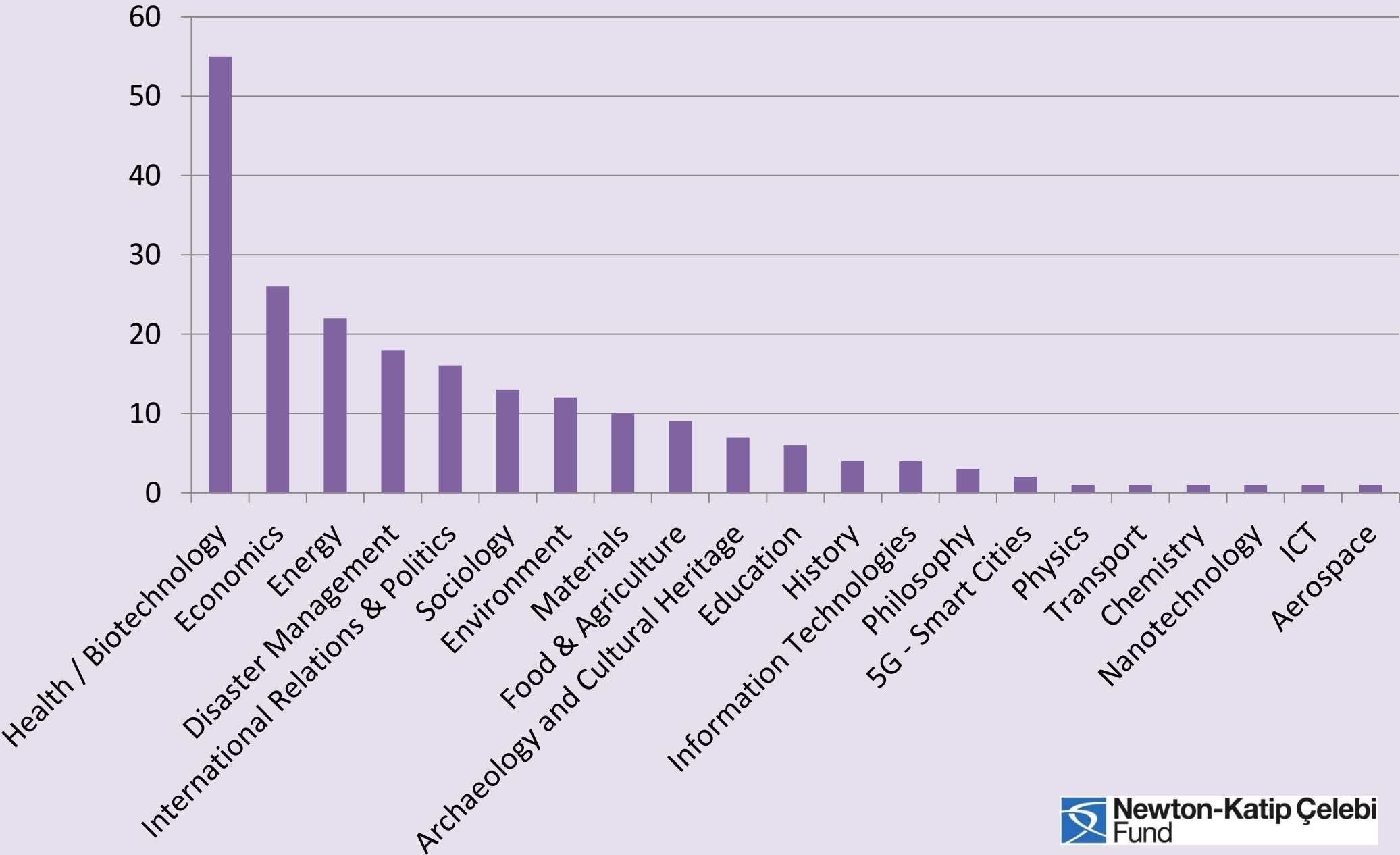
Name of the University	Number of Projects
Middle East Technical University	16
Istanbul Technical University	16
Koc University	15
Bogazici University	10
Bilkent University	8
Ege University	7
Sabanci University	7
Dokuz Eylul University	6
Hacettepe University	6
Altinbas University (Former Kemerburgaz)	5

Newton- Katip Celebi Fund Distribution to Cities



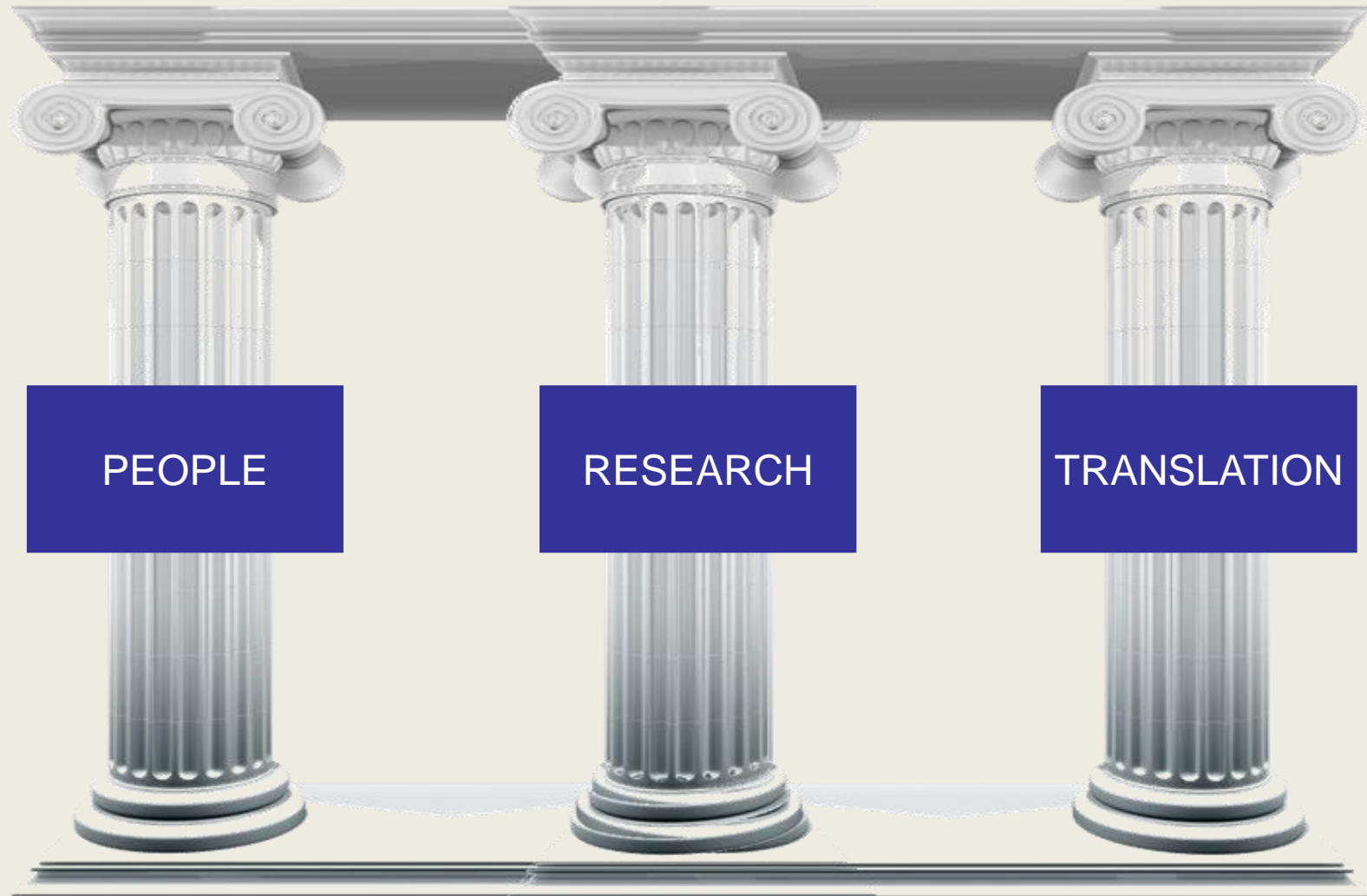
- Top ten cities in Turkey are Istanbul, Ankara, Izmir, Eskisehir, Kayseri, Aydin, Kocaeli, Konya, Mardin and Bursa.

Thematic Distribution of Awards



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

Research

Institutional
Links

Translation

Fellowships in
Innovation

Business
Innovation
Collaboration
Programme

People

Advanced Fellowships

Mobility Grants

International Fellowships

TUBITAK Fellowship Programmes

TUBITAK Workshop Grant

Professional Development & Engagement



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!

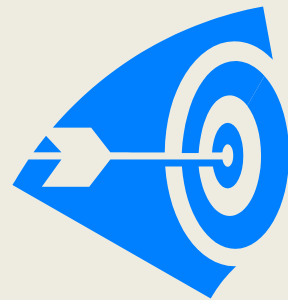
Project: Perception of an attitude towards the Syrian Refugees in Turkey



- ✓ 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



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!

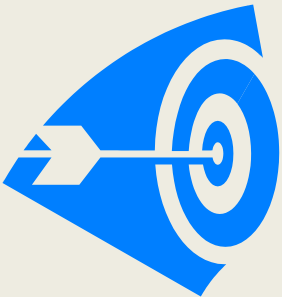
Project: Exploring Barriers to Open Innovation in Emerging Countries: The case of Turkey



- ✓ 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



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!

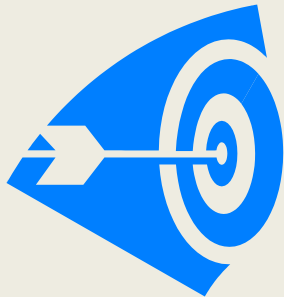
Project: Developing Novel Approaches To Enhance Privacy Protection In Research Databases



- ✓ 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

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TUBITAK Fellowship Programmes

TUBITAK Workshop Grant

Professional
Development&Engagement

2216 - Research Fellowship Programme for International Researchers

- Applicants must be PhD holders, non-Turkish citizens, **35 years old or younger**
- Duration: Up to **12 months**
- Monthly payments: **2.250 TL**
- Travel Costs (2.250 TL) and Health Insurance up to 70 TL per month can be partially covered
- Next Call: **September 03, 2018 – October 05, 2018**

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

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TUBITAK Fellowship Programmes

**TUBITAK
Workshop Grant**

Professional
Development &
Engagement

Next
Call: 1
May
2018

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.

People

Advanced Fellowships

Mobility Grants

International Fellowships

TUBITAK Fellowship
Programmes

TUBITAK Workshop Grant

**Professional
Development and
Engagement**

Professional Development & Engagement

Next Call
May
2018 !!

**Support the research environment through
capacity building and enable optimal impact
from research**

Support skills
development in
researchers, research
managers, and
support staff

Support dialogue and
knowledge exchange
on research
governance and
strategic research
policy development

Build opportunities for
researchers to engage
with the wider
community and with
policy-makers



- Projects of 12 months
- British Council Support of max. £40,000
- Match funding/ in-kind contribution is required by Turkish applicant

People

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TUBITAK Workshop Grant

**Professional
Development and
Engagement**

Professional Development & Engagement

Next Call
May
2018 !!

The key aim will be to support capacity building in the partner institution in Turkey and to stimulate longer-term links with the UK.

Some possible activities

Designing and delivery of collaborative training programmes (i.e. Writing papers for international academic journals, research commercialisation)

Organising field trips from/to the UK to increase the accumulated knowledge and share experiences

Collaborative activities to aid quality research output and contribute to development priorities in Turkey

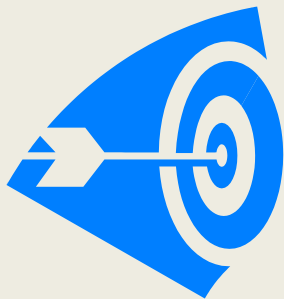
Project: *Building Capacity on Industrial Symbiosis for Resource Efficiency and Transitioning to a Low Carbon Economy in Bursa Eskişehir Bilecik Region*



- ✓ Professional Development and Engagement Grant in Industrial Symbiosis
- ✓ **Partnership** of International Synergies Limited



- ✓ *1 year project with **£30,000 budget***
- ✓ Funding by the British Council



- ✓ *Feasibility study on regional industrial symbiosis and priority sectors*
- ✓ *A three-day training was taken place to develop a strategy for BEBKA and relevant regional and local stakeholders*
- ✓ *Implemented Brokerage Events with UK collaborators*
- ✓ *Organized symbiosis workshops in the region with participation of local companies*
- ✓ *Field visit to UK with participation of relevant organizations, universities, industrial zones and relevant companies.*

Research

Institutional Links

Institutional Links

Next
Call on
16 April
2018 !!

British Council and TUBITAK Collaboration

**Initiate new research and innovation
collaborations**

Develop existing collaborations

**Encourage these collaborations to work with
non-academic organisations and individuals**

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

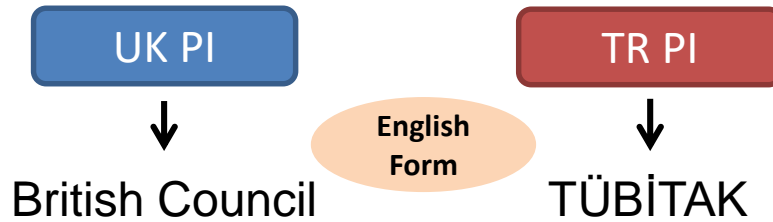
**Bilateral Academic Partnerships up to 2
years**

Research

Institutional Links

Application Procedure

Next Call
in 16
April
2018!!



TUBITAK application form should be saved as a pdf document and shared with the UK partner to be uploaded as an annex with the UK application



Announcement of
Results & Contracting

Announcement of
Results & Contracting

Research

Institutional Links



UK Team: £150K

Turkish Team: 360,000 TL for SSH Projects

720,000 TL for the rest

Next
Call in
16 April
2018!!

Evaluation Criteria

TÜBİTAK:

- Methodological / conceptual / theoretical contribution
- The quality and effectiveness of the methodology and research techniques
- Appropriateness of work plan
- Competence and expertise of teams
- Appropriateness of current infrastructure of institutions
- Short term outcomes and potential long term impacts and contribution to scientific community

British Council:

- Official Development Assistance (ODA) eligibility
- Research/innovation quality and background
- Proposal (Clear objectives, value for money, collaboration and communication between partners etc.)
- Sustainability and capacity building

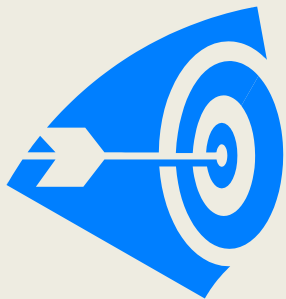
Project: Optimising Crop Yield And Agricultural Resources With Precision Laser Sensing



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

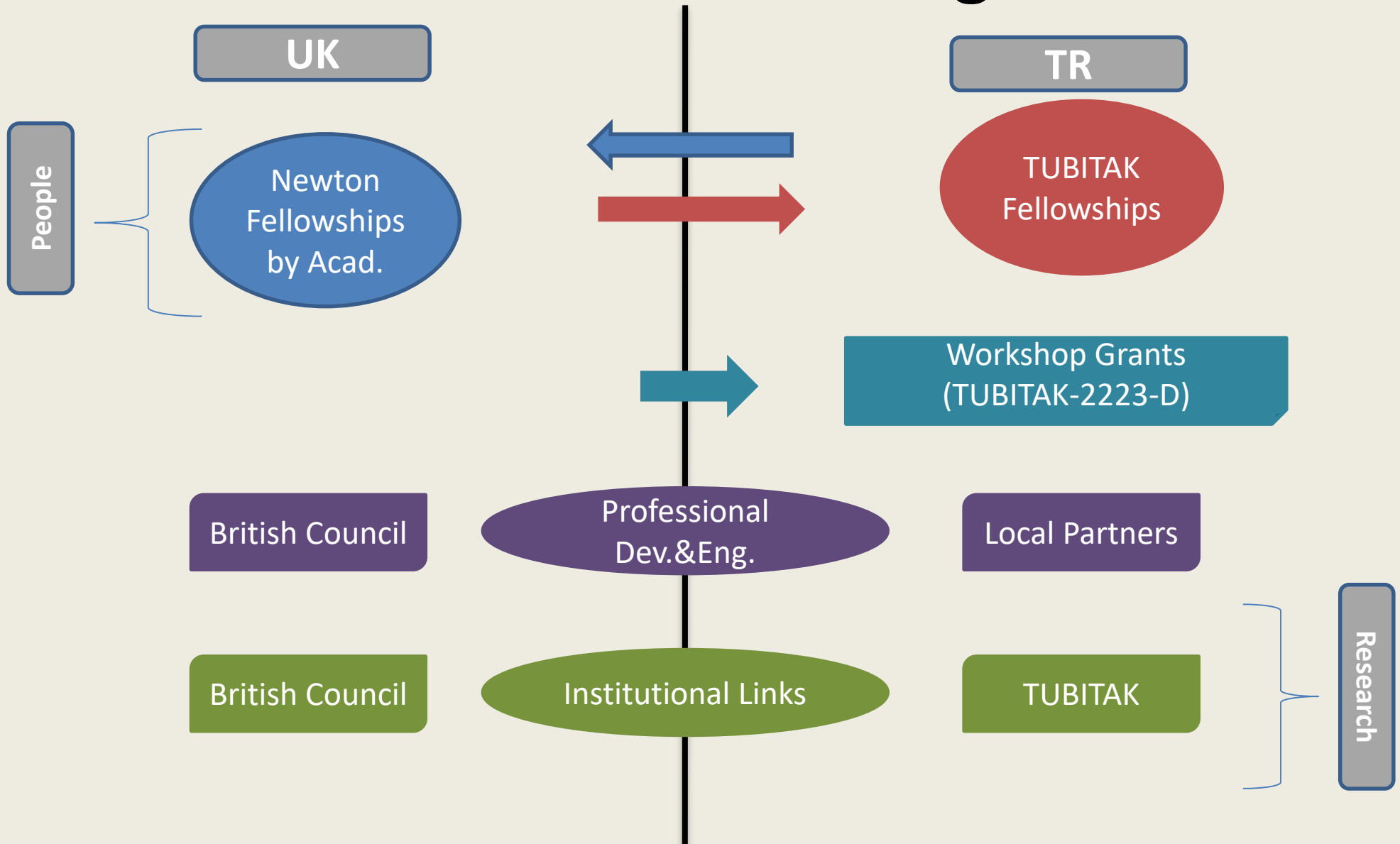


- ✓ 2 years project with **£161,428 budget** (almost 830,000 TRY)
- ✓ Funding by the British Council and TUBITAK



- ✓ *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.*

Matched Funding



Finding a UK collaborator



If you are seeking help in connecting with academics and institutions in the UK you may visit Application Support Page where you will find a number of resources that are available for potential Newton Fund applicants in their search for collaborations.

<http://www.newtonfund.ac.uk/funding/application-support/>

Future Calls - Timeline

Programme	Opening Date	Closing Date
TUBITAK Sabbatical	Open	Open
Fellowships by Academies	July 2018	September 2018
Professional Development	May 2018	September 2018
Institutional Links Call	16 April 2018	8 June 2018
TUBITAK Workshop Grant	1 May 2018	31 May 2018
TUBITAK 2216	3 September 2018	5 October 2018

Practical Information

- A call stays open for ~2 Months
- The results are announced in ~ 6 Months
- The project starts after ~6 Weeks once the results are announced



Global Challenges Research Fund



GCRF is based on Sustainable Development Goals in the global context and part of UK aid strategy

Main objectives of GCRF:

- Address global challenges through disciplinary and interdisciplinary research
- Strengthening capability for research and innovation, within developing countries and the UK
- Agile response to emergencies and opportunities

The GCRF is a five year **£1.5 billion** funding stream to support cutting-edge research which addresses the problems faced by developing countries.

BEIS is coordinating the Fund with delivery partners of Newton Fund in addition to UK Higher Education Funding bodies and UK Space Agency.

GCRF forms part of the UK's **ODA commitment**.

The definition of ODA eligible research provided by the OECD is that the primary purpose must be to promote the economic growth or welfare of developing countries: www.oecd.org/dac/stats/methodology.htm

Same **primary** and **secondary** objectives:

- to promote **economic development** and **social welfare** of developing countries
- to contribute to the continued strength of the UK's research and innovation base and our wider prosperity and global influence

Newton Fund

- Requires partnership with one of **18 specific partner countries**, identified as emerging knowledge economies
- Partner countries provide **match funding** for every programme
- Primarily focused on **Middle Income Countries** on the OECD DAC list

GCRF

- Allows proposals addressing more **widespread issues** rather than requiring partnership with a specific country
- Match funding not required
- Covers any countries included on the **OECD DAC list**



Key Figures

37 Projects

£225m invested
over 4 years

69 partner
countries

11 challenge areas
addressed

GCRF Challenge Areas



Equitable access to sustainable development to create new knowledge and drive innovation that helps to ensure that everyone across the globe can prosper through access to health, food, water, education, energy etc.

Sustainable economies and societies to identify new responses to the challenges arising from changes in population, technology, consumption and pressure on the environment

Human rights, good governance and social justice to understand how to strengthen the institutions that underpin peaceful societies, good governance, respect for human rights and the rule of law.

Key Principles of GCRF

- ✓ Challenge and impact focus
 - ✓ *novel research, measurable development impacts, sustainability*
- ✓ Interdisciplinary research excellence
 - ✓ *new knowledge and insights, excellent research capacity*
- ✓ Global partnerships
 - ✓ *Co-development with international partners, full consideration of relevant developing country context*
- ✓ Organisation and Leadership
 - ✓ *Strong research and operational leadership, ability to learn and adapt*

Key Criteria of GCRF

- ✓ Research Excellence
 - ✓ *New approaches*
- ✓ Official Development Assistance
 - ✓ *OECD Guidelines*
- ✓ Equitable Partnerships and Building
 - ✓ *Strong and enduring partnerships between UK and developing-country researchers*
- ✓ Impact
 - ✓ *substantial impact on improved social welfare, economic development, and environmental sustainability*

Call for Interdisciplinary Research Hubs to Address Intractable Challenges Faced by Developing Countries

Established and led by eligible UK research organisations

- ✓ 12-15 Hubs (depending on quality)
- ✓ £8M - 20M budget for each hub
- ✓ a 5 year period starting on 1st December 2018

Timeline for Assessment:

Intention to Submit 29th September 2017

Full proposal deadline 24 May 2018!!!

Decisions November 2018

Hubs start December 2018

**Be a part of
consortium!!!**



Research Councils UK invites **52 outlines** representing a broad range of development challenges to develop **full proposals**:

<http://www.rcuk.ac.uk/documents/gcrf-calls/successful-outlines-for-web-gcrf-hubs-pdf/>

Projects Under GCRF

Development Trade-offs – Social and environmental trade-offs in African agriculture

Forging new research networks – Capacity building in Eastern Neighbourhood and Central Asia

Ensuring dams promote sustainable development – Resilient and sustainable interventions in water-energy-food-environment mega-systems

The science of the city – Building capacity for the future city in developing countries

Marine robots to the rescue – Sustainable oceans, livelihoods and food security in the Western Indian Ocean

Getting a clearer picture of poor health – Assisting Bangladesh in lifestyle and environmental risk reduction

Making cities fairer – Knowledge in Action for Urban Equality

Dementia care where they can least afford it – Strengthening responses to dementia

Tests to diagnose diabetic eye disease – Increasing eye research capacity and capabilities to tackle the burden of blindness in India

Protecting the land of poison frogs and orchids – Preserving, restoring and managing Colombian biodiversity

Health roulette in sub-Saharan Africa – Ensure value for money health care – developing theory, changing practice

A drought in water research – Sustainable water and food security in drylands of sub-Saharan Africa

Further Information on Calls:

- **Further info** on calls can be found at <https://www.ukri.org/research/global-challenges-research-fund/>
- **Previous works** of GCRF can be found at <http://www.rcuk.ac.uk/documents/gcrf-calls/gcrfyear1casestudybooklet-pdf/>

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!!

Any
questions?

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