

Newton-Kâtip Çelebi Fund:  
**Turkey-UK Collaborative Research and Development**

# Brokering Webinar

Denisa Naidin, Innovate UK  
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**Innovate UK**

THE NEWTON FUND



# What is the Newton Fund?

- UK Government Fund, managed by Department of Business, Innovation and Skills
- £735m UK government contribution over 7 years, 2014-2021. Match funded in cash, kind or effort by the partner countries
- It is HMG *Official Development Assistance* money ie, part of UK's 0.7% GNI spend on aid to other countries, reported and monitored by the OECD.



# What is ODA?

## Definition of Official Development Assistance (ODA)

Newton Fund activities need to demonstrate that they are aiming to contribute to a **reduction in poverty**, and aim to **further sustainable development** (development that is likely to generate lasting benefits for the population of the country to which it is provided) and **improve the welfare of the population** of Newton Fund countries.



# How does the Newton Fund work?



## People

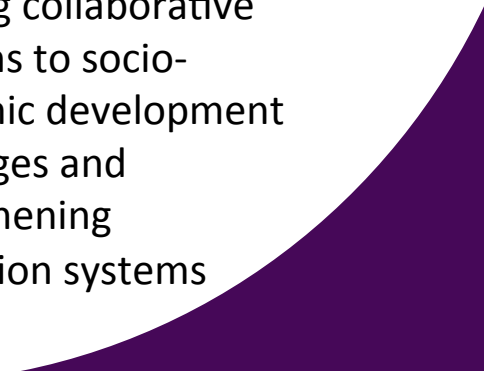
Improving capacity in research and science, individually and institutionally

## Research

Improving research collaborations on critical socio-economic development challenges

## Translation

Creating collaborative solutions to socio-economic development challenges and strengthening innovation systems



# COMPETITION OVERVIEW



# What are the call aims?

The aim of this bilateral programme under the Newton- Kâtip Çelebi Fund is to foster and support the **development of industrial collaborative research and development (R&D) projects** that bring together businesses, research organisations and academics, and other collaborators from Turkey and the UK for the **joint development of innovative, commercial products or services** (or improvement of business processes) that meet particular socio-economic challenges that Turkey is facing in its growth and development trajectory.

- One-stage CR&D at industrial research level, closing 22 September 2016
- UK budget: £1.5 million, matched on the Turkish side
- Planning to fund 5-7 projects with UK project costs of between £300,000 - £400,000 and duration of up to 24 months



# Who are the funders?

- TÜBİTAK is the leading agency for management, funding and development of research in Turkey. Its mission is to advance science and technology, conduct research and support Turkish researchers.
- Innovate UK aims to support and stimulate business-led innovation in the areas that offer the greatest scope for boosting UK growth and productivity. It promotes, supports and invests in technology research, development and commercialisation. It also spreads knowledge, bringing people together to solve problems or make new advances.



**Innovate UK**

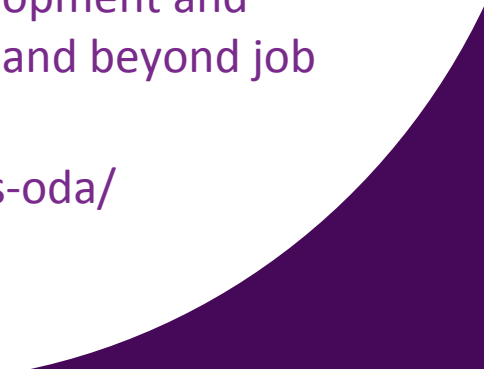
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# What do we want to fund?

Projects that:

- are made up of UK and Turkish members ‘innovating together’
- led by businesses on both sides
- answering the Newton challenges by proposing innovative solutions in the agri-food area
- deliver societal benefits in terms of improved food security and/or clear environmental improvements in Turkey, for the Turkish population
  - Turkey should be the primary focus of the projects
  - Projects must evidence how they impact the economic development and welfare of the people of the Newton partner country, above and beyond job creation in the partners involved.
  - More on ODA: <http://www.newtonfund.ac.uk/about/what-is-oda/>



# What do we want to fund?

The competition will fund projects with commercial solutions to challenges in the agri-food sector, specifically:

- Utilization of waste by-products and residues from the agri-food industry to reduce their negative environmental impact and add value.
- Improving food and income security for small and medium-sized farmers through improving agricultural productivity through the use of technology.
- Improved animal/plant breeding based via breeding and reproductive technologies.



# Scope area 1: Utilization of waste by-products and residues from the Turkish agri-food industry

## Context:

- The Turkish food and agriculture industry represents 7.1% percent of the GDP and a quarter of the employment levels in the country. Turkey is also one of largest exporters in Europe for processed food.
- Many food production processes create waste by-products which negatively impact the environment; at the same time some of these by-products have the potential to be exploited for their economic value.

## Solutions sought:

- We are inviting applications that address a reduction in the production of waste in the Turkish agri-food sector, explicitly through the utilization of agri-food by-products and residues in Turkey.

## Areas out of scope:

- Applications which seek to return animal by-products to the human food chain.



# Scope area 2: Improving food and income security for small and medium-sized farmers

## Context:

- Turkey-wide increases in both population and food consumption pose a considerable threat to food security.
- Changes in climate and wider global warming are challenging productivity within the farming sector.

## Solutions sought:

- We are inviting applications to improve agricultural productivity mainly for farms which are smaller than 20 ha, through the use of technology to provide more accurate and efficient crop and livestock production systems.
- We are particularly interested in projects that target economical solutions for the Turkish farmers, particularly the upgrading of legacy machinery used in such farms.

## Areas out of scope:

- Projects that address non-food crops or the engineering of biological systems



# Scope area 3: Improved Animal/Plant breeding based via breeding and reproductive technologies

## Context:

- Breeding with traditional methods has a long history, yet it takes a very long time to attain the desired seed and animal breed quality due to the highly iterative and slower processes of traditional selective breeding.

## Solutions sought:

- Under this area of scope, we are seeking collaborations of UK and Turkish businesses and researchers proposing innovative projects which fit broadly around breeding, and focus on varieties of crops and breeds that are grown or consumed in Turkey.

## Areas out of scope:

- Projects that address non-food crops



# Who is eligible to apply?

- UK companies of any size, registered, based and operating in the UK. Only UK-based companies are eligible to apply for Innovate UK funding.
  - Innovate UK will fund up to 70% for Micro/Small enterprises, 60% for Medium enterprises and 50% for Large Companies.
- Academic institutions, other research organisations, public sector bodies and charities undertaking research activity in the UK.



# What are the partnering criteria?

- Proposals must include as a minimum:
  1. A **Turkish** registered company Project Lead (**TPL**), responsible for liaising with the UK Project Lead to assist with the submission of the collaborative application form in English to Innovate UK; also responsible for submitting this Innovate UK application form in English as an attachment to the AGY103 form to TÜBİTAK;
  2. A **UK** registered company Project Lead (**UKPL**), responsible for liaising with the Turkish Project Lead to assist with the submission of a single application form in English to Innovate UK.
- Collaborations must be business-led from both sides.
- The business proportion of total eligible project costs must be 70% or higher.
- The level of total research participation is set at a maximum of 30% of total eligible project costs.



# How to find partners?

- Meeting Mojo:  
<http://turkey-uk-newtonfund-2016.meeting-mojo.com>
- Enterprise Europe Network:  
<http://een.ec.europa.eu/>
- Pitch your idea at this webinar!





# What are the key dates to keep in mind?

- Opening of the competition: 9 May 2016
- Closing of registration - **TÜBİTAK AGY103 form**: 9 September 2016
- Closing of registration - **Innovate UK application form**: 14 September 2016
- Closing of the competition: **22 September 2016**
- Deadline of AGY103 submission to TÜBİTAK: **22 September 2016**



# Thank You

## Innovate UK

North Star House, North Star Avenue, Swindon SN2 1UE

Tel: +44 (0)1793 442 700

Email: [support@innovateuk.gov.uk](mailto:support@innovateuk.gov.uk)

[www.innovateuk.gov.uk](http://www.innovateuk.gov.uk)