

UK Research for Sustainable Development

The Global Challenges Research Fund



To cover

- Research for Sustainable Development: The UK Funding Landscape
- Introducing The Global Challenges Research Fund
- GCRF: Working in Partnership
- Current Opportunities and Further Information

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Research for Development: The UK Funding Landscape



Global Context: UN Sustainable Development Goals



UK Funding for Research for Development

- Newton Fund (£735m fund; government-to-government)
- Ross Fund (£1 billion fund managed by DFID & Department for Health)
- Department for International Development (DFID)
- The Global Challenges Research Fund (GCRF)

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Introducing The Global Challenges Research Fund



Background to GCRF



Cutting edge research which addresses the problems faced by developing countries

2015 Government Spending Review Outcomes

- ❑ 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

GCRF Delivery Partners

- Research Councils UK
- British Academy
- Academy of Medical Sciences
- Royal Academy of Engineering
- Royal Society
- HEFCE
- UK Space Agency

GCRF: Funding, Duration, Focus

- £1.5billion funding
- 2016-2021
- 7 delivery partners
- Challenge led / researcher driven
- Interdisciplinary research with impact
- Strengthening capacity

GCRF: Breadth of Ambition

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.

GCRF: Key Criteria

- ✓ **Research Excellence**
new approaches not constrained by traditional methodologies or disciplinary silos
- ✓ **Official Development Assistance (ODA) compliance**
OECD guidelines
- ✓ **Equitable Partnerships and Building Capacity**
strong and enduring partnerships between UK and developing-country researchers to enhance the research and innovation capacity of both
- ✓ **Impact: Problem and Solution Focused**
substantial impact on improved social welfare, economic development, and environmental sustainability

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GCRF: Working in Partnership



GCRF: Equitable Partnerships

Equitable partnerships with developing-country researchers to:

- identify actual research gaps and needs
- co-create research questions and research outcomes
- test solutions to actual problems
- build research capacity in the UK and developing countries to do research for development

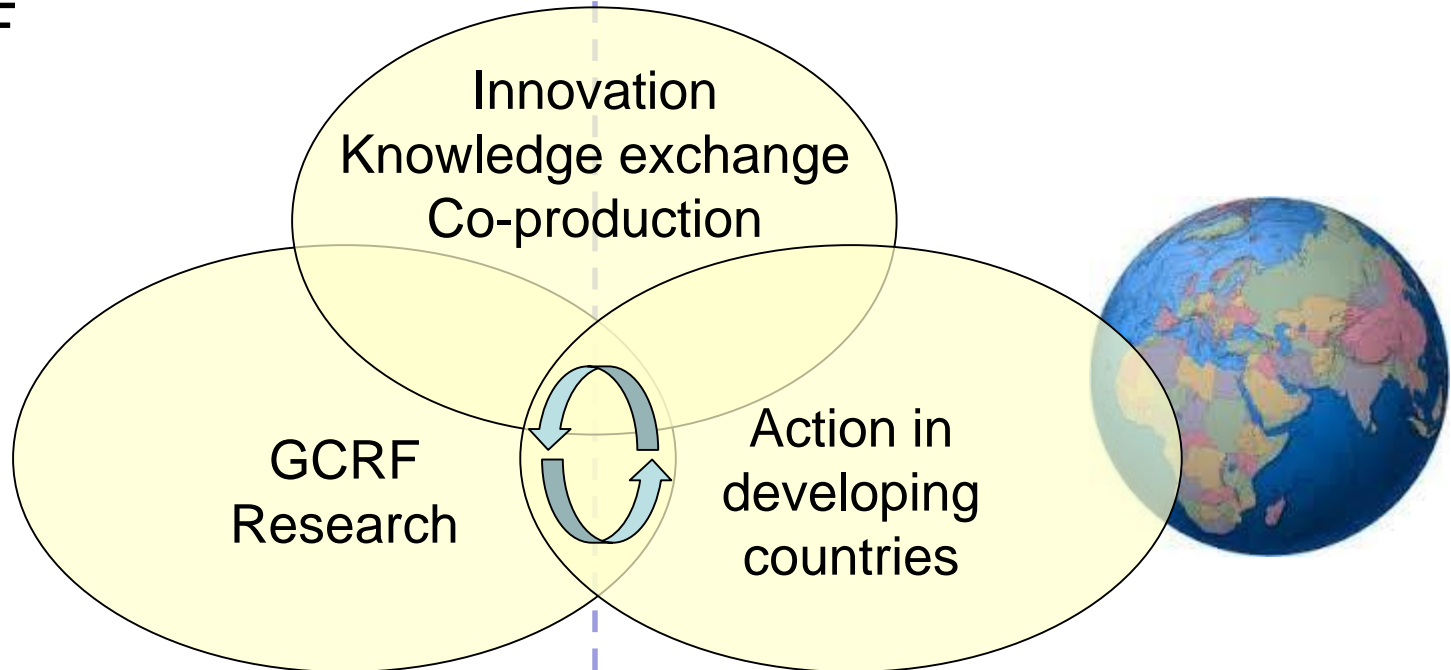
GCRF: Impact through partnership with non-Research Organisations

Working with NGOs, CSOs, governmental agencies, multinational bodies, and others to:

- identify development needs
- test potential – and potential limitations – of research outcomes on real-world problems
- co-design real-world implementation of solutions
- input into policy

Pathways to Impact

GCRF



UK Research Base

UK Stakeholders
(Government, Charities, Business)

International Stakeholders
(Universities, Charities, UN, NGO, Overseas Governments)

GCRF: Portfolios of Research to Address SDGs

An ambition to create portfolios of research projects responding to SDGs to:

- disseminate, combine, and scale up excellent research and excellent impact
- have real impact on SDGs, at scale
- set benchmarks for best practice in research for development
- make sure that GCRF is more than the 'sum of its parts'

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GCRF: Current Opportunities and Further Information



Current opportunities

- **AHRC** - Research Networking Highlight Notice for International Development - 25 April 2017
- **ESPRC** - Diagnostics, prosthetics and orthotics to tackle health challenges in developing countries- 15 May 2017
- **MRC/AHRC**- Global Public Health; Partnership Awards- 8 June 2017
- **Royal Society**- International Collaboration Awards- 23 May 2017

Current opportunities

- **RAEng** Nominations open for 2018 Africa Prize for Engineering Innovation, July 24th
- **RAEng** Global Challenges Research Fellowship call to open in June, as will Africa Catalyst
- Global Grand Challenges Summit- jointly organised by US, UK and Chinese national academies- takes place Washington on 18-19 July 2017.
- **RCUK** – Second collective call / Academies calls

Further information

GCRF website: gcrf.gov.uk

RCUK:

<http://www.rcuk.ac.uk/funding/gcrf/>

Academies websites