

Informatics GCRF Workshop

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GCRF Background

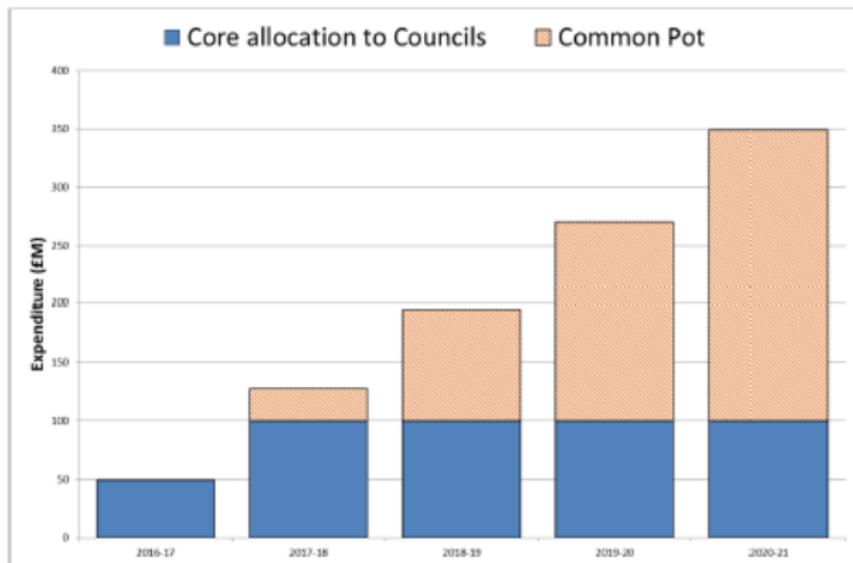
The **Global Challenges Research Fund** was announced earlier this year by George Osborne.

- Address global challenges through disciplinary and interdisciplinary research.
- Strengthen capability of research and innovation, within both UK and developing countries
- Facilitate agile response to emergencies and opportunities.

Across all research councils, and other funders (e.g. The Royal Society) are also making GCRF calls.

GCRF allocation

(4th March 2016)



“Doing things with people not simply for or to them”

Strengthening pathways to impact **within** developing countries.

- Building research capability and collaborations with academics in developing countries
- Building partnerships and collaborative links with NGOs/charities/civil society in developing countries
- Developing further collaborative opportunities to strengthen international links (including Newton, Department for International Development, Commonwealth etc)

Official Development Assistance

- ODA appraisal embedded within proposal process and peer review.
- Explicit research challenges through community engagement.
- Mainstreamed across RCUK portfolio.
- Generic guidance around development and pathways to impact.
- Increased academic commitment to [development goals](#).

The countries which are considered eligible for ODA can be found on the DAC list compiled by the OECD:

<http://www.oecd.org/dac/stats/daclist.htm>

Global Challenges

- **HEALTH**: to tackle diseases, strength health systems and reach the world's most vulnerable.
- **CLEAN ENERGY**: to provide access to clean energy, including new technologies and the behavioural insights required for successful introduction to developing countries.
- **SUSTAINABLE AGRICULTURE**: to improve nutrition and food security, support technological innovation, and increase resilience to climate change.
- **CONFLICT and HUMANITARIAN ACTION**: new insights and approaches for preventing conflict and violence, build stability and strengthen humanitarian action.
- **FOUNDATIONS FOR INCLUSIVE GROWTH**: to understand what works best for developing countries to build the foundations for economic development.

UKRC timeframe

- Consultation (Town hall meetings and call for evidence) — June - August 2016.
- Focus Groups to refine and prioritise challenges — November - December 2016.
- Call for Ideas: community led strategies and priorities within challenges — Spring 2017.

EPSRC plans

- This year's allocation was awarded as **institutional sponsorship grants** administered by College.
- The University was awarded a grant with a fixed end date of 31st March 2017 for **pump-priming research projects or impact acceleration activities** which are **ODA compliant**.
- The rest of the allocation will be focussed on **targeted calls** in ODA-compliant areas.
- First call was issued on 24th August and will close on 15th November 2016.

Tackling global development challenges through engineering and digital technology research

Exemplar areas:

- 1 Tackling global development challenges through engineering research**
 - Sustainable infrastructure development
 - Engineering disaster resilience
 - Engineering for humanitarian aid
- 2 Tackling global development challenges through digital technology research**
 - access to digital services
 - Use of data for vital services
 - Secure and trusted digital infrastructures

Total budget of £25M and 20 projects expected to be funded.

Structure for the rest of the morning

- 09:30-09:40 Welcome and Introduction
- 09:40-10:20 Andy Mount: Dean of Research
College Strategy towards GCRF
- 10:20-10:40 Ewan Klein and Cat Magill:
*Creating Value from Data in the context of
Off-grid Energy Systems*
- 10:40-11:00 Coffee and pastries (MF2)
- 11:00-12:00 Theme-based breakout sessions (MF2 and 4.31/4.33)

Breakout Themes

- Health
- Energy
- Sustainable agriculture/Food Security
- Digital infrastructures
- ?