Section A: Official Development Assistance (ODA) and GCRF strategy

The strategy

1. Summarise the key aspects of your three year **strategy for development related and GCRF research activity**, including:

Maximum 3,000 words

Strategy and priority objectives

Our involvement in sustainable development research stems from our overarching strategic commitment to **'change the world for the better'** and our aspiration to attain a global reach in education and research to achieve a better world. We leverage a critical mass of scientific, medical, engineering, arts and social sciences with expertise in international development issues, innovation and entrepreneurship, to address the challenges faced by the developing world.

Our strategic approach is informed by our expertise in sustainable development, our track-record in addressing challenges specific to developing countries and by the relationships we have fostered over many years with universities, policy-makers, industry and NGOs in these regions.

The priorities for our *strategy for research in Sustainable Development* are to:

1. Increase the **impact** from our research for the benefit of LMICs

2. Build **sustainable partnerships** in LMICs to achieve legacy

3. Increase the proportion of academic **staff, early career researchers and students engaged** in Sustainable Development research

4. Increasing the proportion of our funding that is related to ODA-facing research

Our research aims to advance knowledge and understanding and to provide solutions to a broad spectrum of sustainable development issues. Our ambition is to channel our world-leading research intensity and distinctive interdisciplinary approach into collaborative research, co-created and/or co-designed with partners in Low and Medium Income Countries (LMICs), to achieve measurable economic, social and welfare benefits for them.

Key aspects and activities of strategic plan for QR GCRF

We have developed a strategic framework (See Figure 1) to drive engagement, build synergies across the University, increase capacity in developing countries and accelerate impact whilst maintaining flexibility to react to new opportunities or emergencies. We will provide an environment and infrastructure that fosters, promotes and supports co-creation and co-design of ground-breaking research projects and capacity-building programmes with LMIC partners, to achieve a lasting legacy of benefits. We will ensure that all ODA-facing activities draw from best practices and lessons learnt from working with LMICs, and are carried out to the highest ethical, governance and financial accountability standards.
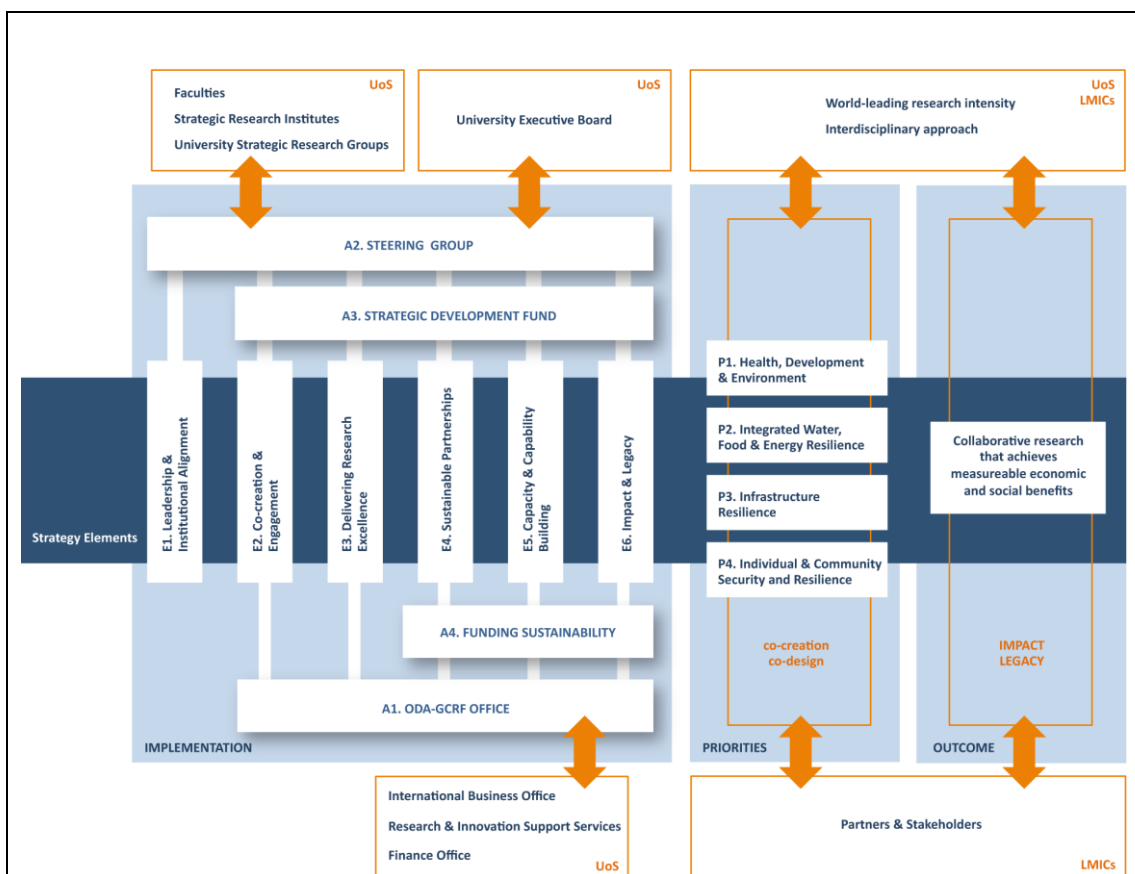

Figure 1. *Overview of the University's ODA-GCRF strategy*

The key aspects and activities associated with the delivery of our ***research strategy in Sustainable Development*** are:

Establishing a Sustainable Development Community of Practice
- Connect a research community committed to sustainable development
- Facilitate interdisciplinary research platforms for sustainable development through our Strategic Institutes and University Strategic Research Groups focusing on specific Sustainable Development Goals (SDG)
- Organise regular showcases to highlight the University's research in sustainable development as a way of engaging new UK partners, primarily from the local region, in existing and new activities
- Map University expertise to development needs and the GCRF research agenda
- Coordinate promotion and communication of the key University expertise and opportunities for collaboration with LMICs countries

Increasing engagement with LMIC partners and supporting the development of sustainable partnerships
- Participate and/or lead international networks that bring together researchers, policy-makers, government officials and NGOs from LMICs, to provide a broad-based intellectual and knowledge environment that supports and nurtures the engagement

of researchers, policy-makers, planners and entrepreneurs from LMICs in translating research into lasting impact and legacy
- Set up a programme of staff exchange (including visiting fellowships) to enable key workers, especially policy-makers in LMIC organisations or countries to visit Southampton, and for the Southampton sustainable development research community to spend time in key organisations, for extended periods
- Work with LMIC partners on the identification and the definition of research questions, and the development of pathways to impact
- Provide mechanisms for co-creation and co-design for LMIC partners (e.g. workshops, sandpits, extended visits)
- Maximise synergies with the University's country strategies (India; China)

Increasing support for research collaboration and supporting capacity and capability building
- Support for the development and delivery of research collaboration projects with partners in LMICs (networking, small studies to acquire preliminary data; small-scale feasibility studies)
- Contribute to sustainable partnerships by leveraging the excellence in the University's research and education to provide innovative solutions that are compatible with, and shaped by, the socio-political complexities specific to each challenge and LMIC
- Engage with a broad group of stakeholders and explore development needs in depth. Organise *a* series of (national and international) workshops aimed at developing research ideas and engaging with a broader group of stakeholders
- Build on existing international research networks such as the World Universities Network

Increasing impact from research into policy, products and services for developing countries
- Co-design and/or co-design culturally specific, socially-embedded and evidence-informed solutions
- Understand how governments in LMICs engage with science and technology to better understand the policy decision-making barriers and opportunities for enacting recommendations
- Exploit the value of intellectual property through open innovation mechanisms adapted to LMICs
- Identify and nurture early stage start-ups in LMICs including investment readying and incubation of spin-out companies
- Maximising the public and media impact from our research through targeted interventions

Equipping people with the necessary skills and opportunities to engage
- Establish a trained workforce of in-country researchers, private and public workers and policy makers to enable our partner countries to develop the capacity for effective decision-making and adoption of new technologies and knowledge-based programmes.

- Create a Future Leaders Programme to raise awareness of the wider aspects of international aid and SDGs. This professional and personal development programme for junior to mid-career members of staff will enable them to become more knowledgeable about the wider sustainable development agenda. This will also ensure a sustainable engagement with the opportunities provided by GCRF and will develop the skills base needed by future ODA-facing research leaders.
- Further embed sustainable development in the curriculum and the student journey; develop student enterprise to provide additional skills and enhance employability; support students wishing to engage with sustainable development through initiatives such as Enactus or IndiaSparks.

Delivering an efficient and coordinated support for researchers
- Provide institutional leadership and coordination through the GCRF Steering Group
- Maintain a coordinated engagement activity across the University through the GCRF Specialist Team and the International Office
- Creation of a GCRF Specialist Team to provide a "cradle-to-grave" support for ODA-GCRF activities
- Enhance processes to deliver and monitor ODA-compliant research
- Develop a sustainable development strand to the University Impact Framework to evaluate outcomes and impact of activities

The University has a longstanding tradition of research supporting the UN Sustainable Development Goals to improve lives around the globe. Below are some examples of the impact of our Sustainable Development research.

Our research in Geography is changing the way we are tackling the elimination of malaria. Professor Andy Tatem is harnessing anonymized mobile phone usage data to map the movements of populations in and between malaria hotspots. This work began 10 years ago and aims to build better evidence on malaria risk, and produce more accurate malaria maps to guide policies for elimination programmes and interventions.

Food security is another priority area. Global food supplies are at risk due to the effects of a growing world population coupled with climate change. Our researchers are at the forefront of developments in soil science, using the University's cutting-edge technologies in innovative ways to help tackle this challenge. Professor Tiina Roose's interdisciplinary group at Southampton is combining advanced technologies in new ways to determine how crops can be grown more efficiently as resources become scarcer.

The programme of research led by Professor Caroline Fall and Dr K. Kumaran is built around eight birth cohorts in India, ranging in age from newborns to the elderly (60-80 years). The studies have shown that maternal diet, micronutrient status, body composition and metabolic health influence fetal development, and newborn size and body composition. They also have discovered factors specific to the Indian population

and have directly informed prevention interventions to improve maternal nutrition and health.

Playing a key role in several interdisciplinary, multi-agency projects, Southampton researchers are using dynamic computer modelling techniques to create powerful forecasting tools. The models developed by Professor Robert Nicholls help governments and policy-makers to choose the most effective ways of managing coasts, including dealing with the impact of sea level rise and extreme weather events. The DECCMA (DEltas, vulnerability and Climate Change: Migration and Adaptation) project is examining adaptation in deltas in Bangladesh, India and Ghana, with a strong focus on migration. This project is part of the Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA) programme.

For more than 15 years, we have been supporting several African universities and young African researchers to take on the challenges of their own countries by identifying their own opportunities and outlets for research. Research on the social determinants of health in low-income countries in Africa and particularly the influence of poverty on maternal and child health, as well as nutrition and reproductive health, have been particularly effective in increasing breastfeeding rate and change of national policies.

Spark India students work on challenges set by some of India's most innovative social entrepreneurs to meet diverse social needs. The programme is a unique combination of collaborative problem-solving with a personal leadership journey in India. Spark India 2016 was co-run by the Tata Institute of Social Sciences and the Social Impact Lab at Southampton. Students are placed with early stage social enterprises to tackle problems such as the provision of rural eye care, preserving artisanal fashion, and expanding primary education. Enactus Southampton is another opportunity for our students to engage with the sustainable development agenda. Enactus creates social enterprises focused on environmental, economic and social sustainability in developing countries. JuaMajis' use heat from the sun to purify dirty water whilst sustainably farming tilapia, providing both cleaner water and a staple food to communities in Kenya and Malawi. In the 7 years since the creation of the student society, the lives of 50,000 people in developing countries has been improved.

QR GCRF activities in the sustainable development research portfolio
Activities funded through the QR GCRF allocation will build on our existing portfolio and strengthen an underpinning infrastructure to further stimulate activities and derive synergies at an institutional, LMIC and challenge level. It will provide essential resources and flexibility to enhance our impact within the overall framework set up for research in sustainable development and enable the University to leverage additional funding from external sources to pursue this agenda.

The GCRF QR Allocation will be used for:

- **ODA-GCRF Strategic Fund** – The Fund will support activities that further the University's ambitions for the sustainable development research agenda. It comprises a distinct sets of funding categories, some involving internal competition, and some in response to arising opportunities or challenges. The core criteria for allocations will be: 1. Alignment with ODA requirements; 2. Evidence of co-creation with LMIC partners; 3. Measurable outcomes; and 4. Routes to impact and legacy.
- **Sustainability Fund –** The allocation will also be used to uplift the recovery of full economic costs on ODA-compliant activities.
- **ODA-GCRF Steering Group and Office** – The GCRF Steering Group will continue to be responsible for providing leadership for the University's strategy for Sustainable Development research whilst the GCRF Office will become a specialist team responsible for the operational implementation of the strategy.

Relations to the UK strategy for the GCRF.

The University will work with partners in LMICs towards lasting positive change in sustainable development, sustainable economies and societies, good governance, social justice and human rights. The ODA-GCRF programme will build on existing disciplinary and interdisciplinary strengths in which the University either has an established track-record, or in which it has burgeoning activity. These priorities have complex interdependencies, and as a consequence the strategy promotes integration across socio-political, technological, health, welfare, regulatory and governance systems as a distinctive feature of its ODA engagement. In this way our strategy is able to achieve short-term impacts while having the capacity to address strategic or longer-term issues. The four priority areas of focus are:

P1. Health, Development and Environment
Prevention, Detection and Treatment of Infection; Life-course Health and Development; Assistive Technologies; Microbial Communities; Clean Air, Land and Sea

P2. Integrated Water, Food and Energy Resilience
Clean Water; Food production and Supply; Sustainable energy

P3. Infrastructure Resilience
Urban and Civic Infrastructure; Coastal communities; Value chains and waste management; ICT and digital systems

P4. Individual and Community Security and Resilience
Migration; Conflict; Cultural Heritage; Talent Pipelines; Economic endeavour and Ecosystem Services

The University's mission of "Changing the World for the better" aligns to the UK Aid Strategy (November 2015) and the Sustainable Development Goals agenda as shown in Table 1a. Our research activities are closely linked to the GCRF research agenda for change and overarching framework (Table 1b).

Table showing mapping columns SDG1–SDG16 (United Nations Sustainable Development Goals): SDG1 No Poverty, SDG2 Zrero Hunger, SDG3 Good Health and Well-being, SDG4 Quality Education, SDG5 Gender Equality, SDG6 Clean Water and Sanitation, SDG7 Affordable and Clean Energy, SDG8 Decent Work and Economic Growth, SDG9 Industry, Innovation and Infrastructure, SDG10 Sustainable Cities and Communities, SDG11 Responsible Consumption and Production, SDG12 Climate Action, SDG13 Life Below Water, SDG14 Life on Land, SDG15 Peace, Justice and Strong Institutions, SDG16 Partnerships for the Goals

UoS ODA-GCRF Priority Areas	SDG1	SDG2	SDG3	SDG4	SDG5	SDG6	SDG7	SDG8	SDG9	SDG10	SDG11	SDG12	SDG13	SDG14	SDG15	SDG16
P1 HEALTH, DEVELOPMENT AND ENVIRONMENT																
Prevention, Detection & Treatment of Infection	√	√	√			√				√						
Life-course Health and Development	√	√	√		√			√		√					√	
Targeted Therapeutics and Assistive Technologies			√		√			√		√						√
Microbial Communities	√	√	√			√				√	√		√	√		√
Clean Air, Land and Sea	√	√	√			√			√	√	√	√	√	√		√
P2 INTEGRATED WATER, FOOD & ENERGY RESILIENCE																
Clean Water	√		√			√				√	√	√			√	√
Food Production	√	√	√					√		√	√	√		√	√	√
Sustainable Energy	√		√				√	√	√	√	√	√		√	√	√
P3 INFRASTRUCTURE RESILIENCE																
Urban and Civic Infrastructure			√	√	√	√	√	√	√	√	√	√			√	
Coastal communities	√					√		√	√	√	√	√	√	√	√	√
Value Chains & Waste Management	√	√	√		√	√		√	√	√	√	√		√	√	√
ICT, AI and Decision Support Systems			√	√	√			√	√	√	√	√			√	√
P4 INDIVIDUAL AND COMMUNITY SECURITY & RESILIENCE																
Migration	√	√		√	√			√		√					√	√
Conflict	√	√		√	√	√		√	√	√	√	√			√	√
Cultural heritage				√	√							√			√	
Talent & Capability Pipelines			√	√	√			√	√	√	√	√			√	√
Economic endeavour & Ecosystem Services	√	√	√					√	√	√	√	√	√	√	√	√

Table 1a. *Mapping of Univerisity's ODA-GCRF priority areas to the United Nations Sustainable Development Goals*

UoS ODA-GCRF Priority Areas	F1.1 Secure and resilient food systems supported by sustainable marine resources and agriculture	F1.2 Sustainable health and well being	F1.3 Inclusive and equitable quality education	F1.4 Clean air, water and sanitation	F1.5 Affordable, reliable, sustainable energy	F2.1 Sustainable livelihoods supported by strong foundations for inclusive economic growth and innovation	F2.2 Resilience and action on short-term environmental shocks and long-term environmental change	F2.3 Sustainable cities and communities	F2.4 Sustainable production and consumption of materials and other resources	F3.1 Understand and respond effectively to forced displacement and multiple refugee crises	F3.2 Reduce conflict and promote peace, justice and humanitarian action	F3.3 Reduce poverty and inequality, including gender inequalities.
P1 HEALTH, DEVELOPMENT AND ENVIRONMENT												
Prevention, Detection & Treatment of Infection		√		√			√	√				
Life-course Health and Development		√					√	√				√
Targeted Therapeutics and Assistive Technologies	√	√				√		√				
Microbial Communities	√	√		√					√			
Clean Air, Land and Sea	√	√		√	√		√	√	√		√	√
P2 INTEGRATED WATER, FOOD & ENERGY RESILIENCE												
Clean Water	√	√		√		√	√	√	√		√	√
Food Production								√				
Sustainable Energy				√	√	√	√	√	√			√
P3 INFRASTRUCTURE RESILIENCE												
Urban and Civic Infrastructure		√	√	√	√	√	√	√	√	√		√
Coastal communities	√	√		√		√	√	√		√		√
Value Chains & Waste Management		√	√			√	√	√	√			√
ICT, AI and Decision Support Systems	√	√	√			√	√	√	√	√	√	√
P4 INDIVIDUAL AND COMMUNITY SECURITY & RESILIENCE												
Migration							√	√		√	√	√
Conflict						√		√		√	√	√
Cultural heritage			√					√		√	√	
Talent & Capability Pipelines	√	√	√	√	√	√	√	√	√			
Economic endeavour & Ecosystem Services	√	√			√	√	√	√	√			√

Table 1b. *Mapping of University's ODA-GCRF priorities onto the GCRF Overarching Framework.*

Relations to institutional strategy for using QR.

The University uses QR to maintain a responsive research capacity. QR enables the University to deploy resources flexibly into cutting-edge and interdisciplinary areas of research; to respond quickly to emerging opportunities; to invest in the training of early career researchers; to support staff, infrastructure, equipment and facilities. It underpins the University ability to bid for external research funding, collaborate with a wide range of partners and support emerging interdisciplinary groupings. The strategy for sustainable development research will further inform the University's decision-making in the allocation of QR in Faculties, University Strategic Research Groups and Strategic Research Institutes.   As a consequence, world-leading interdisciplinary research, professional development of staff, capacity-building and inception of new collaborative research areas are priorities for our use of the GCRF QR allocation.

Key barriers

- Lack of understanding of the GCRF principles
- Complexities of large, multi-national and cross-cultural collaborations
- Complexities associated with the rules and additional administrative requirements of ODA creating bureaucratic barriers for engagement with LMIC partners
- Lack of responsiveness of institution to emergencies
- Coordination of activities across a large and diverse organisation and large network of stakeholders in LMICs

Key enablers

- Institutional commitment to the sustainable development research agenda
- Excellent track-record of ODA-relevant activities
- Established international networks
- Community of Early Career Researchers keen to engage
- Requirement from external funders to demonstrate through Pathways to Impact, the mechanisms by which research will be translated, together with the requirement for REF impact statements and case studies.

Main developing countries

The University has a number of long-standing collaborations with partners in LMICs (such as China, India, Ghana, Bangladesh and Malaysia that it will continue to support and develop. It also has engaged with other LMIC partners in recently-funded collaborative programmes. These include, amongst others, South Africa and wider Africa, Brazil and Mexico. The University is currently developing country strategies for India and China which will provide an integrated framework for institutional engagement in these countries. Looking forward, we will build on our extensive networks (using platforms such as the World Universities Network) to increase capacity for research and innovation through long-term partnerships for the benefits of LMIC countries.

2.   Provide details of the main intended **outcomes and impacts** of your strategy.

The main outcomes and impacts of the strategy will be:

- Short-term and long-term measurable economic, social and welfare benefits for our partner LMICs. These are the principal outputs of our strategy in that they represent successful translation of collaborative research into meaningful and sustainable implementation. *Indicator - Number and quality of impact or legacy case studies arising from our ODA-GCRF activities*

- Increase the number and extent of interactions with development agencies and LMIC partners (both academic and non-academic and at regional, national and international level) with which the University co-creates and/or co-designs solutions-focused research programmes, leading to an increased absorptive capacity and faster uptake of research by LMIC organisations. *Indicator - Active participation and leadership of international ODA-facing networks; Number of substantive engagements with LMIC partners*

- Increase capacity and capability to engage in development research. This impacts on the volume and range of talent available to be translated into societal and economic impact and address the challenges faced by developing countries. *Indicator - Number of staff engaged in GCRF activities, and in particular of junior staff and ECRs. Number and age distribution of academic staff and ECRs who actively engage in co-creation and co-design of ODA-GCRF research.*

- Diversified portfolio of interdisciplinary research activities co-created with LMIC partners, leading to ODA-compliant research that directly and primarily benefits developing countries on the DAC list. *Indicator – Range of sustainable development goals that the University is able to contribute to.*

- Increase in the proportion of our funding that is related to ODA-facing research. This channel a greater proportion of our research activity to problems of direct relevance to LMICs, and will lead to an increase in the capacity of our academic staff and our LMICs partner to engage in a research agenda that enables and achieves sustainable change. *Indicator: ODA-compliant research income and funding mix*

Management of GCRF

3.   How will your HEI **monitor** and **evaluate** its progress and compliance in ODA and GCRF activity, including assessing geographical distribution of activity, outputs, outcomes and economic and social impacts?

Please describe the policies, procedures and approach you have in place to measure progress, evaluate outcomes, identify lessons learned, and ensure ODA compliance.

The GCRF Steering Group has overall responsibility for the GCRF-ODA strategy and will ensure alignment with the institutional strategies and policies, and with the objectives of GCRF. The Steering Group champions engagement in the sustainable development research agenda and will ensure due processes are in place to monitor progress, evaluate outcomes and ODA compliance. The Group is chaired by the Pro-Vice-Chancellor for Interdisciplinary Research, who is the University's ODA-GCRF champion, and reports to the Vice President for Research and Enterprise. Membership of this group includes Associate Deans for Research and researchers with relevant ODA or GCRF experience together with the Directors of the University's Strategic Institutes and the Chairs of the University Strategic Research Groups. The Steering group also has representation from Research and Innovation Services, Finance, the International Business team and the International Office. Where appropriate the Group will invite participation by external members, e.g. from government departments or NGOs, who have experience of international development.

The strategy will be reviewed formally on a quinquennial basis. While this takes the review beyond the current GCRF-QR planning period, it marks the University's long-term commitment to ODA-compliant research. The success of the strategy will be monitored in relation to five key indicators:

- Number and quality of impact or legacy case studies arising from our ODA-GCRF activities. *Short-term and long-term measurable economic and social benefits for partner LMICs are the principal outputs of the strategy, in that they represent successful translation of collaborative research into meaningful and sustainable implementation.*

- Number of University staff engaged in co-creation and/or co-design of ODA-GCRF activities, and in particular of junior staff and ECRs. *This provides an indication of increased capacity and capability to engage in ODA-facing research and impacts on the sustainability of the University's activities in this space.*

- Number and range of sustainable development goals to which the University's research is aligned. *A diversified portfolio of interdisciplinary research activities co-created and/or co-designed with LMIC partners and which have clear routes to impact and legacy will be critical to achieving the sustainable development goals and the GCRF overarching framework.*

- ODA-facing research income. *Increasing the proportion of the University's funding that is related to ODA-facing research will be a key first step that will enable the University to meet its ambitions to work with LMIC partners on challenges they face. The sustainability of University staff engagement with the elements of the University's ODA-GCRF strategy will be commensurate with the institution's ODA-facing research income.*

The University will set up the **ODA-GCRF Strategic Development Fund** that will be the main financial support mechanism for a portfolio of activities that will enable research excellence, knowledge exchange and innovations. It will provide flexible funding streams (some involving internal competition, and some in response to arising opportunities or challenges) and include:

- *Engagement and Pump-priming funding* will support staff during the process of co-creation or co-design by enabling them *inter alia* to meet with LMIC collaborators, acquire preliminary data or commission small-scale feasibility studies.

- *Co-creation Networks*. A series of (national and international) workshops aimed at developing research ideas and engaging with a broader group of stakeholders will be organized to explore in depth development needs. The University is part of a number of international networks such as the World Universities Network and will build on these connections to maximize impact of the ODA-GCRF programme.

- *Visiting Fellowships* will enable key workers, especially policy-makers in LMIC organisations or countries to visit Southampton, and for the Southampton development research community to spend time in key organisations, for extended periods. These fellowships are central to building strong research relationships and to maintaining a pipeline of research programmes or projects.

- *Future Leaders Programme*. This professional development programme for junior to mid-career members of staff will enable them to become more knowledgeable about the wider aspects of international aid and ODA. This programme will ensure a sustainable engagement with the opportunities provided by GCRF and will develop the skills base needed by future ODA-facing research leaders.

- *Rapid Response to Emergencies.* The University will adopt a fast decision-making process, through the ODA-GCRF Steering Group, to undertake short-term research activities that address needs arising from emergencies.

- *ODA-GCRF Annual Showcase* will provide a platform for the University to highlight its ODA research as a way of engaging new UK partners, primarily from the local region, in existing and new activities.

- *Sustainability Funding* will be used to uplift the recovery of full economic costs on ODA-compliant activities and to complement the diversified set of funding sources that support the University development research portfolio (including GCRF, Newton Fund, charities and donors).

The ODA-GCRF Strategic Development Fund will be a ring-fenced part of the University's GCRF-QR allocation, augmented by funds from charitable institutions and other sources, which will support activities that further the University's ODA-GCRF

ambitions. Decisions on funding will be made by a sub-group of the ODA-GCRF Steering Group, informed by peer-review. The core criteria for allocations will be:

- alignment with ODA, GCRF or United Nations SDG frameworks
- evidence of co-creation and co-design
- measurable outcomes
- routes to impact and legacy

The operational implementation of the strategy is delegated to the University's ODA-GCRF team, led by the ODA-GCRF Programmes Manager, who is also a member of the Steering Group. The ODA-GCRF team will comprise the ODA-GCRF Programme Manager and staff seconded from the Finance Office, the International Business team, the International Office and Research & Innovation Services. The team will provide day-to-day support to staff engaged in ODA-GCRF activities, monitor activities, evaluate outcomes and manage communications. The ODA-GCRF will be the go-to resource for information relating to ODA-GCRF priorities, processes and best practice.

The team will become a port of call for partners in LMICs. The central support structure will enable dissemination of best practices and of opportunities across the Sustainable Development Community of Practice. The strategy also entails oversight of due diligence, in collaboration with the relevant Professional Services, as well as ensuring that all activities have appropriate measurable outcomes, together with routes to achieving lasting positive impact. The team will work with the relevant Professional Services to enhance and embed continuously-improved processes for effective project management, governance, due diligence, diversity and equality, ethics and communication.

The team will maintain records of the performance indicators that the Steering Group uses to evaluate the effectiveness of the University's ODA-GCRF strategy. All activities conducted under the umbrella of the University's ODA-GCRF strategy are required to have measureable outcomes appropriate for the activity. The ODA-GCRF team will keep a record of these outcomes that will be evaluated by the GCRF Steering Group in relation to their contribution towards achieving the programme goals.

The University is a global institution and has an international dimension embedded in all aspects of its activities from education through to research and enterprise and recognises that working in partnerships with our partners internationally is more complex. To manage potential risks associated with international activities, the University has aligned all its international operations under a robust framework that facilitates and informs internationalisation and mobility, and set up the International Business Team to enhance the way the University conducts business overseas and to help ensure that staff who work with international partners comply with relevant laws and regulations. The ODA-GCRF team will work closely with this team of experts with experience of tax, health and safety, financial management, procurement, visas, insurance, quality assurance and human resources within an international context, who advise staff at the inception and

throughout the lifecycle of international projects - seeking external advice from professional advisors on more complex matters as necessary. The complexities associated with working overseas and operating across cultures are taken into consideration when advising on individual projects. Practices are reviewed on a regular basis and systems and processes put in place to help staff and their partners remain safe and compliant while collaborating, travelling and working abroad. The team is available to colleagues from across the University on all aspects of working and operating overseas with PwC providing specialist advice in relation to personal and corporation tax.

Due diligence and assessments are undertaken on both partner organisations and countries where collaborations are to take place, to ensure risks associated with our international collaborations are understood and mitigated if needed. These assessments are informed by the risk tolerance of the University. Various aspects are considered including:

Country: Political stability; Security; Trade sanctions; Cultural issues
Partner organisation: Reputation; Previous experience of collaboration
Financial: Governance (including policies**:** Procurement, expenses, bribery, finance and grants manuals); Reporting and Accounting; Cash management and Treasury; Staff and payroll and employee expenses; Procurement and Asset management; Financial Management of grants
Legal: Contracting organisation/legal ownership
Others: Ethics, Health and Safety, Bribery and Corruption

We will seek to develop an environment where partners are committed to deliver excellent research and aspire to the highest standard of research integrity. Developing common understanding and commitment to the best standards of research is essential to prevent any misconduct of research. Partners will actively seek to sustain a research environment that fosters integrity in research and adopt good research practices to achieve the goals of projects, whilst also minimising risks. These will include effective planning of the research (outline plan describing operational process, timetable and data management; approach to public engagement); identification and management of risks (potential or real conflicts of interest; reputation; risks to people and the environment) and clear principles for collaboration.

Key to effective collaboration is clear communication from the beginning between the partners, in order that expectations concerning respective roles, responsibilities, methods and analytical techniques, and standard of good research practice are clearly understood and accepted. Effective collaboration depends on the collaborators trusting each other and trust develops from regular, honest and open communication.

Section B: Use of QR GCRF 2018-19 allocation and future QR GCRF priorities

4.   Please complete the table in Annex A2 detailing the expected spending and activities for QR GCRF in the academic year 2018-19. Note that the total QR GCRF spending must equal the indicative allocation (available in Annex C), and all activities must be ODA-compliant for strategies to be assessed as ODA-compliant overall.

5.   Please add here any explanatory notes on how you have completed the table in Annex A2 that will help inform assessment of ODA compliance.

Maximum 200 words

6.   How would your **priorities and activities** for 2018-19 QR GCRF change if the funding level differs from that outlined in indicative allocations? Please include detail of how priorities will change with increases and decreases to QR GCRF funding, and details of how each priority meets ODA criteria.

Our ODA-GCRF programme has been built so that activities can be scaled up or down depending on the level of funding available. The majority of the funding is channelled through the ODA-GCRF Strategic Fund and the Sustainability Fund. The Strategic Fund is the main funding mechanism for maintaining a rich and diverse portfolio of activities. Should the level of funding vary during the 3-year period of the strategy, we will adapt the range of activities accordingly.
 Our priorities for 2018-9 for our GCRF-QR allocation are:

1. ODA-GCRF Engagement & Pump-priming.
2. ODA-GCRF Visiting Fellowships
3. ODA-GCRF Future Leaders Programme.
4. ODA-GCRF Co-creation Networks
5. FEC uplift
6. UoS ODA-GCRF Annual Showcase.
7. Rapid Response to Emergencies.

The first priority reflects the strategic importance of increasing engagement of staff – particularly more junior staff – in ODA-GCRF activities to increase the volume of research co-created/co-designed with LMIC partners over the next 2-3 years. The second and third priorities are targeted at achieving sustainability of our activities. Priority 4 is aimed at extending the reach and leverage of our research and education excellence.
In the case of increase in QR allocation, priorities for uplift will be (in order): Engagement and Pump-priming, Visiting Fellowships and Co-creation networks. In the case of reduced allocation, the areas that will be affected will be in order: Annual Showcase and FEC uplift.

We note that the University will seek to supplement and augment the GCRF-QR with other sources of funding (from charities, foundations and private sectors) to amplify the impact of the programme. Discussions are underway with some of our corporate partners to gauge their interest in getting involved through their corporate social responsibility programmes.

7.   Based on indicative funding allocations, what are your **priorities** for QR GCRF activity in 2019-20? Please include detail of how priorities will change with increases and decreases to QR GCRF funding, and details of how each priority meets ODA criteria.

Our priorities for 2019-20 for our GCRF-QR allocation are:

1. ODA-GCRF Engagement & Pump-priming.
2. ODA-GCRF Future Leaders Programme.
3. ODA-GCRF Visiting Fellowships
4. ODA-GCRF Co-creation Networks
5. FEC uplift
6. UoS ODA-GCRF Annual Showcase.
7. Rapid Response to Emergencies.

In this period we will increase the emphasis of our activities to developing a cohort of researchers who are equipped to engage with the ODA agenda over the medium to long term.
In the case of an increase in QR allocation, priorities for uplift will be: Visiting Fellowships and Co-creation networks. In the case of a reduction, the areas that will be affected will be, in order Annual Showcase and Engagement & Pump Priming.

8.   Based on indicative funding allocations, what are your **priorities** for QR GCRF activity in 2020-21? Please include detail of how priorities will change with increases and decreases to QR GCRF funding, and details of how each priority meets ODA criteria.

Our priorities for 2020-21 for our GCRF-QR allocation are:

1. ODA-GCRF Co-creation Networks
2. ODA-GCRF Engagement & Pump-priming
3. ODA-GCRF Visiting Fellowships
4. ODA-GCRF Future Leaders Programme.
5. UoS ODA-GCRF Annual Showcase.
6. Rapid Response to Emergencies.
7. FEC uplift

During this period the emphasis of our activities will move towards leadership of international networks to provide a strategic basis for the translation of our ODA-facing activities.

In the case of an increase in QR allocation, priorities for uplift will be (in order): Visiting Fellowships and Annual Showcase. In the case of a reduction, the areas that will be affected will be, in order: FEC uplift and Engagement & Pump Priming.