

INSTITUTIONAL LINKS

Grants Awarded: Newton Institutional Links – April 2017 call

Eligible partner countries: Brazil, Egypt, Indonesia Kenya, Malaysia, Mexico, Philippines, Thailand

- **Total eligible applications – 319**
- **Funded applications – 53 (16.6%)**

Partner Country	UK Institution	Partner Institution	Project Title	Review Panel
Brazil	Bangor University Bangor University Menai Bridge, Anglesey LL59 5AB	Universidade Federal de São Paulo	Coastal biodiversity and public policies: methodologies and actions to integrate stakeholders	Environment, Agriculture and Food Sciences Review Panel
Brazil	Smith School of Enterprise and the Environment, University of Oxford	Universidade Federal de Alagoas	Developing Investment Blueprints for Sustainable Use Protected Areas in Alagoas State, Brazil	Environment, Agriculture and Food Sciences Review Panel
Brazil	University of Strathclyde	Universidade Federal de Goiás (UFG)	Supporting vulnerable small local farmers in Brazil distribute their products and improve their standard of living	Social Sciences Review Panel
Brazil	School of Earth and Environment, University of	Universidade Estadual de Ponta Grossa	Building economic development and social welfare of small farming	Social Sciences Review Panel

	Leeds		communities in Paraná, Brazil, through climate compatible development: the role of bioenergy crops	
Brazil	University of Southampton	Universidade Federal de São João del-Rei	Enhancing fisheries resilience and hydropower development: the road to sustainable energy-water-food NEXUS in Brazil	Environment, Agriculture and Food Sciences Review Panel
Brazil	University College London (UCL), Department of Civil Environmental and Geomatic Engineering	Instituto Federal of Goiás (IFG)	A water-waste-energy-food model for rural communities and organic farming sustainability in Brazil	Engineering and Physical Sciences Review Panel
Brazil	Bournemouth University	Universidade Federal de Santa Catarina (Federal University of Santa Catarina)	Veg+: Increasing vegetable consumption for young adults through Short Food Supply Chains	Environment, Agriculture and Food Sciences Review Panel
Brazil	University of Bedfordshire	Instituto Federal de Educação, Ciência e Tecnologia Catarinense	Implementing technology solution for sustainable development of artisanal fisheries in Santa Catarina (TAF)	Social Sciences Review Panel
Brazil	The University of Salford, School of Environment & Life Sciences	Univercidade federal do Pará - Federal University of Pará	Prawns, Shrimp & Co. Demand, supply and food security of crustaceans in north eastern Pará, Brazil: current status, challenges and future directions	Environment, Agriculture and Food Sciences Review Panel
Indonesia	Institute for Risk & Disaster Reduction, University College London	Syiah Kuala University	INSPIRE: Indonesia School Programme to Increase Resilience	Engineering and Physical Sciences Review Panel
Indonesia	Leeds Beckett University	Universitas Sriwijaya	Development of High Performance Concrete using	Engineering and Physical Sciences

			Agricultural Waste from Rice Harvestation	Review Panel
Indonesia	School of Earth and Environment, University of Leeds	Bogor Agricultural University	Transboundary Fire haze: Regional characterisation, prediction and Mitigation in SE Asia (TransFoRM)	Environment, Agriculture and Food Sciences Review Panel
Indonesia	The Chancellor Masters and Scholars of the University of Cambridge	Institut Teknologi Bandung	Earthquake hazard mitigation in Sulawesi and Kalimantan	Engineering and Physical Sciences Review Panel
Indonesia	Aston Univeristy, School of Engineering and Applied Science	Airlangga University	Fibre optic sensor for food safety applications	Engineering and Physical Sciences Review Panel
Kenya	The University of Edinburgh, School of Engineering	Strathmore University	Enhanced food security and afforestation through novel approaches to irrigation	Engineering and Physical Sciences Review Panel
Kenya (*National Research Fund will fund)	University of Southampton, Faculty of Engineering and the Environment	University of Nairobi	Innovative composite roofing/pavement product development through blending of plastic waste & sand/quarry by-products	Engineering and Physical Sciences Review Panel
Kenya	Aston University	Meru University of Science & Technology	Paradigm shift in faecal sludge management in Kenya for environmental management and food security	Social Sciences Review Panel
Kenya	British Geological Survey, Centre for Environmental Geochemistry	University of Eldoret	Aquaculture: Pathway to food security in Kenya.	Environment, Agriculture and Food Sciences Review Panel
Kenya	University of Hull	Mount Kenya University	Pathogen Point-of-care Analysis	Biological and Medical Sciences Review Panel
Kenya (*National Research Fund will fund)	University of Glasgow	THE TECHNICAL UNIVERSITY OF KENYA	Development of a portable trigeneration energy system for domestic use in Kenya	Engineering and Physical Sciences Review Panel
Kenya	University of Southampton,	Kenyatta University	Health and Wellbeing of older persons in Kenya: Tackling the	Social Sciences Review Panel

	Faculty of Social, Human & Mathematical Sciences		data gaps and needs	
Kenya (*National Research Fund will fund)	The Pirbright Institute	Jomo Kenyatta University of Agriculture and Technology	Establishing Field Data-Driven Vaccine Platform for Newcastle Disease Virus in Poultry: Step Towards Poverty Alleviation & Food security in Kenya	Environment, Agriculture and Food Sciences Review Panel
Malaysia	Liverpool John Moores University, Research and Innovation Services	Universiti Malaysia Perlis	Green Electronics: Sustainability In Modern Electronics Manufacture By Improving The Environmental Resilience Through Introduction Of Novel Materials Forensically Analysed for Future Reliability	Engineering and Physical Sciences Review Panel
Malaysia	University of Liverpool	University of Malaya	Identification, evaluation and alleviation of the threat of vector-borne rickettsial agents to human health in Malaysia in the context of changing climate and socio-economic development	Biological and Medical Sciences Review Panel
Malaysia	University of Aberdeen, School of Psychology	Sunway University	Social cognition and executive function among older adults in the UK and Malaysia: links to socio-economic factors	Social Sciences Review Panel
Malaysia	Manchester Metropolitan University, School of Computing, Mathematics and Digital Technology	University of Malaya	An unmanned aerial vehicle (UAV)-enabled, big data-driven automatic crop disease diagnosis tool for precision farming	Environment, Agriculture and Food Sciences Review Panel
Malaysia	The University of Newcastle upon Tyne, School of Engineering	Universiti Teknologi Malaysia	Improving community health in Malaysia using sustainable decentralised wastewater treatment	Engineering and Physical Sciences Review Panel

Malaysia	Heriot-Watt University	Universiti Teknologi Petronas	Improving palm biomass utilisation for bioenergy recovery - development of a flexible multiphase syngas-bioliquid system	Engineering and Physical Sciences Review Panel
Mexico	University College London, UCL Energy Institute	Universidad Nacional Autónoma de México	Energy Epidemiology: Understanding the relationship between Gender and energy use and efficiency co-benefits.	Engineering and Physical Sciences Review Panel
Mexico	Swansea University, College of Engineering	Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Unidad Mérida	Screen-printed photovoltaics: Development of low-cost processing methods in collaboration with Mexican companies	Engineering and Physical Sciences Review Panel
Mexico	The University of Nottingham, Faculty of Engineering	Universidad Tecnológica de Jalisco	Coupling the biochemical and thermochemical biorefinery platforms for gaseous biofuels production from Agave tequilana bagasse: A novel approach to improve the energy efficiency in tequila industries	Engineering and Physical Sciences Review Panel
Mexico	University of Strathclyde, Mechanical and Aerospace Engineering	El Colegio de la Frontera Sur	Marine energy satisfying electrical demand and promoting economic growth in local communities surrounding the Cozumel Channel	Engineering and Physical Sciences Review Panel
Mexico	University of Birmingham, School of Chemical Engineering	Instituto Nacional de Electricidad y Energías Limpias. INEEL.	Energy Storage Prioritisation Assessment for Mexico	Engineering and Physical Sciences Review Panel
Mexico	Cardiff University	Universidad Autónoma de San	Entrepreneurial dynamic self-organized interfaces to convert	Engineering and Physical Sciences

		Luis Potosí	light into products	Review Panel
Philippines	University of Reading, School of Agriculture, Policy and Development	Aurora State College of Technology	Local approaches to supporting agricultural productivity and managing impacts of climate variability and change in indigenous communities in Aurora Province, Philippines	Social Sciences Review Panel
Philippines	University of Reading	University of Santo Tomas	Eco-social surveying: Mapping social assets, green infrastructure and the connections between them in rapidly changing cities	Social Sciences Review Panel
Thailand	Goldsmiths College, University of London, Media and Communications	Thammasat University	Digital Ethnography for Digital Empowerment: Towards a Knowledge-based and Inclusive Implementation of the ASEAN ICT Masterplan	Social Sciences Review Panel
Thailand	University of Essex, Biological Sciences	Faculty of Science, Khon Kaen University	Phenotyping Thai rice photosynthesis for sustainable rice production	Environment, Agriculture and Food Sciences Review Panel
Thailand	University of Warwick, School of Life Sciences	Naresuan University	Overcoming the opportunistic pathogen <i>Acinetobacter baumannii</i> in Thailand- developing bacteriophages as antimicrobial agents.	Biological and Medical Sciences Review Panel
Thailand	The Imperial College of Science, Technology and Medicine	National Electronics and Computer Technology Center (NECTEC) Thailand	An Intelligent sensing system for pervasive monitoring of patients with dementia	Engineering and Physical Sciences Review Panel
Egypt (*subject to security clearance)	University of Cambridge Psychiatry Autism Research Centre	Faculty of Medicine - Alexandria University	New Horizons for Research and Management of Autism in Alexandria, Egypt. جديدة آفاق في البحث والتوحيد والعلاج لمرض التوحد الإيسكندرية محافظة	Biological and Medical Sciences Review Panel

			الجمهورية العربية مصر	
Egypt (*subject to security clearance)	University of Southampton	University of Alexandria	Egypt's Obesity Battle: Towards Accessible Treatment Strategies	Biological and Medical Sciences Review Panel
Egypt (*subject to security clearance)	University of Warwick	National Research Center	Sustainable management of keratin biomass in Egypt: a biotechnological approach to convert waste into feed	Environment, Agriculture and Food Sciences Review Panel
Egypt (*subject to security clearance)	University of Strathclyde Department of Naval Architecture, Ocean and Marine Engineering	Egyptian Desalination Research Center of Excellence	Mobile Reverse Osmosis Floating Desalination Platform Powered by Hybrid Renewable Energy	Environment, Agriculture and Food Sciences Review Panel
Egypt (*subject to security clearance)	City University London School of Mathematics, Computer Science & Engineering	Zewail City of Science and Technology,	Highly-efficient nano-structure solar cells for energy security	Engineering and Physical Sciences Review Panel
Egypt (*subject to security clearance)	Northumbria University at Newcastle	Ain Shams University	Renewable Energy-based Fresh Water Provisioning Technology in Rural Areas of Egypt (ReFreshTEC)	Engineering and Physical Sciences Review Panel
Egypt (*subject to security clearance)	University of Bristol	Environment and Climate changes Research Institute (ECRI), National Water Research Center (NWRC)	Climate Change Adaptation to Manage the Risks of Extreme Hydrological and Weather Events for Food Security in Vulnerable West Nile Delta	Environment, Agriculture and Food Sciences Review Panel
Egypt (*subject to security clearance)	John Innes Centre	Field Crops Research Institute	Minimizing Egyptian wheat yield loss to disease through resistance gene enrichment breeding	Environment, Agriculture and Food Sciences Review Panel
Egypt (*subject to security clearance)	Imperial College London Surgery and	National Liver Institute- Menoufeya	Affordable diagnostics for the national hepatitis C treatment program in Egypt: HCV core	Biological and Medical Sciences Review Panel

	Cancer Office	University	antigen testing as a replacement for two-step serology and nucleic acid testing in screening and treatment	
Egypt (*subject to security clearance)	University of Liverpool	Faculty of Veterinary Medicine, Cairo University	Effective Diagnostics and Novel Vaccine Strategies for the Control of Multiple Respiratory Viral Infections in Egyptian Poultry	Environment, Agriculture and Food Sciences Review Panel
Egypt (*subject to security clearance)	University of Hertfordshire	Faculty of Agriculture , Mansoura University	Impacts of climate change on occurrence and distribution of the pathogenic seed-borne fungi of wheat and maize in Egypt.	Environment, Agriculture and Food Sciences Review Panel
Egypt (*subject to security clearance)	University of Birmingham	City of Scientific Researches and Technological Applications	Novel Water Treatment System using Solar Driven Metal Organic Framework Adsorption integrated with Energy Storage and Real Time Water Quality Sensor for Egypt	Engineering and Physical Sciences Review Panel
Egypt (*subject to security clearance)	The University of Manchester	Aswan University	Engineering Sustainable Solar Energy and Thermocline Alternatives (ESSEnTiAl)	Engineering and Physical Sciences Review Panel