

INSTITUTIONAL LINKS

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Grants Awarded: Newton Institutional Links – July 2015 call

Eligible partner countries: Brazil, Colombia, Egypt, Indonesia, Malaysia, Philippines, Thailand, Turkey, Vietnam

- **Total eligible applications – 224**
- **Funded applications – 70 (31%)**

Partner Country	Title of Project	UK institution	Partner institution	Review Panel
Brazil	State Violence in Brazil: A Study of Crimes of May 2006 in the Perspective of the Transitional Justice and Forensic Anthropology	University of Oxford	Federal University of Sao Paulo	Social Sciences Review Panel
Colombia	Improving competitiveness, resilience and sustainability of dairy production in the High Tropics of Colombia.	Aberystwyth University	Corporación Colombiana de Investigación Agropecuaria	Environment, Agriculture and Food Sciences Review Panel
Colombia	Development of an optoelectronic sensor material for landmine detection	Cranfield University	Universidad Nacional de Colombia	Engineering and Physical Sciences Review Panel
Colombia	Dengue in Colombia: Investigating insecticide resistance status of the mosquito vector in order to design campaigns to improve disease prevention and control	Edge Hill University	Universidad de Antioquia	Biological and Medical Sciences Review Panel

Colombia	Energy for Development: promoting access to renewable and sustainable energy in Chocó. A UK-Colombia collaboration	Imperial College London	Universidad Jorge Lozano Tadeo	Engineering and Physical Sciences Review Panel
Colombia	Policy instruments and public-private collaborations for secure and inclusive rural economies in marginalised communities in post-conflict Colombia	Institute of Development Studies	International Center for Tropical Agriculture (CIAT)	Social Sciences Review Panel
Colombia	Development Of A Novel Hybrid Grey-Box Framework For Adaptive Design, Optimization And Control Of Drinking Water Membrane Filtration Technology For Non-Interconnected Remote Areas	Newcastle University	National University of Colombia sede Manizales	Engineering and Physical Sciences Review Panel
Colombia	The genetics of baseline and sensitised pain sensibility in humans	The Chancellor Masters and Scholars of the University of Oxford	University of Antioquia	Biological and Medical Sciences Review Panel
Colombia	Improving Local Management Of Tropical Coastal Resources In The Face Of Climate Change For Economic Wellbeing Of Local And Vulnerable Communities	The University of Manchester	Universidad de Cartagena	Environment, Agriculture and Food Sciences Review Panel
Colombia	Improving Energy Efficiency of Coal Power Stations Located in the Colombian Pacific Region	The University of Nottingham	Universidad del Valle	Engineering and Physical Sciences Review Panel
Colombia	Towards a sustainable bio-economy in Colombia: Vinasse valorisation and bioprocessing	University College London	Universidad Icesi	Environment, Agriculture and Food Sciences Review Panel
Colombia	Land Use planning challenges: The gentrification of the historical centre of Quibdo, Choco (Colombia) and its impact on the sustainable socio-economic production.	University of Edinburgh	Universidad Tecnológica del Chocó "Diego Luis Cordoba"	Social Sciences Review Panel
Colombia	Fostering sustainable development through a participatory multi-criteria decision aid approach- the case of gold mining in Colombia	University of Gloucestershire	UNIVERSIDAD NACIONAL DE COLOMBIA	Environment, Agriculture and Food Sciences Review Panel
Egypt	Enhancement of Photovoltaic and Wind Turbine Performance for High Temperature and Low Wind Speed Environments.	Loughborough University	The British University in Egypt	Engineering and Physical Sciences Review Panel

Egypt	Framework for Restoration of Heritage using Building Information Modelling (FResHBIM)	Middlesex University	Cairo University	Engineering and Physical Sciences Review Panel
Egypt	Renewable Energy Driven Hybrid Desalination System for Remote Areas (RE-RO-MD)	Queen Mary University of London	City of Scientific Research & Technological Applications (SRTA-City)	Engineering and Physical Sciences Review Panel
Egypt	Sustainable robust solar driven systems for drinking water disinfection: Photodynamic inactivation of waterborne bacteria	The University of Sheffield	Ain Shams University	Engineering and Physical Sciences Review Panel
Egypt	Effective Integration of Large Scale Wind Energy using Multifunctional Superconducting Coils.	University of Bath	Tanta University	Engineering and Physical Sciences Review Panel
Egypt	Development of Heat Driven Adsorption Desalination - Cooling System Using Advanced Metal Organic Framework Material	University of Birmingham	Alexandria University	Engineering and Physical Sciences Review Panel
Egypt	Haptic Vision : 21st Century Braille for all	University of Newcastle upon Tyne	Helwan University	Engineering and Physical Sciences Review Panel
Egypt	Probiotic bacteria to control Campylobacter foodborne disease	University of Nottingham	National Research Centre	Environment, Agriculture and Food Sciences Review Panel
Egypt	Fabrication of innovative biopolymer nanocomposites thin films for degradable food bags and active food packaging.	University of Nottingham	Nile University	Engineering and Physical Sciences Review Panel
Egypt	Long Term Incarcerated Patients in Forensic Settings: Role of Research in Socioeconomic Enhancement (LIFE)	University of Nottingham	Ain shams University Faculty of Medicine	Biological and Medical Sciences Review Panel
Egypt	Behavioural prophylaxis informing improved culture system design and management for enhanced fish health and sustainable intensification of the Egyptian tilapia industry	University of Stirling	Kafrelsheikh University	Environment, Agriculture and Food Sciences Review Panel
Indonesia	Evaluating locally sourced agricultural residue in ameliorating heavy metal uptake by cocoa and minimising pest infestation to increase yield in Indonesia	Cranfield University	Hasanuddin University	Environment, Agriculture and Food Sciences Review Panel
Indonesia	Tempe to Improve Memory and prevent dementia in Elderly (TIME)	Loughborough University	Universitas Indonesia	Biological and Medical Sciences Review Panel

Indonesia	Integrated Renewable Energy for a Resilient Aceh	Robert Gordon University (RGU)	Universitas Syiah Kuala (UNSYIAH)	Social Sciences Review Panel
Indonesia	Transitions towards Renewable Energy Based Communities: A Strategic Communication and Community Engagement Approach to the Indonesian Energy Self-Sufficient Villages Project	University of Huddersfield	Universitas Atma Jaya Yogyakarta	Social Sciences Review Panel
Indonesia	Designing safe, green and sustainable vessels for Indonesian coastal transport and fishing operations	University of Strathclyde	Institut Teknologi Sepuluh Nopember (ITS)	Engineering and Physical Sciences Review Panel
Indonesia	The Everyday Political Economy of Resettlement: Urban design, women's empowerment and the rehousing of low income groups from slum areas in Jakarta	University of Warwick	Universitas Indonesia	Social Sciences Review Panel
Indonesia	Towards sustainable infrastructure through structural health monitoring: centre for intelligent infrastructure	University of Warwick	Institut Teknologi Bandung	Engineering and Physical Sciences Review Panel
Malaysia	Mobile based tools for an automated detection of tuberculosis	Anglia Ruskin IT Research Institute	Institute of Advanced Technology (ITMA), UPM	Engineering and Physical Sciences Review Panel
Malaysia	Systems thinking and plaCe-based methods for Healthier MALaysian cities (SCHEMA)	Cardiff University	United Nations University International Institute for Global Health (UNU-IIGH)	Social Sciences Review Panel
Malaysia	Low Cost Sensitive Biomarker Detection Platform for Disease Screening	Imperial College London	Universti Teknologi Malaysia	Engineering and Physical Sciences Review Panel
Malaysia	Flexible solar photovoltaics for commercial roof tops and rural communities in Malaysia	Loughborough University	Universiti Tenaga Nasional (UNITEN), Malaysia,	Engineering and Physical Sciences Review Panel
Malaysia	Improving resilience to earthquake hazard in Sabah using probabilistic forecasting based on geological and seismic data	The University of Aberdeen - legal name University of Aberdeen Charity Registered in Scotland No: SC013683	Universiti Malaysia Sabah	Engineering and Physical Sciences Review Panel
Malaysia	Enhancing Environmental Resilience in Expanding Oil Palm Landscapes via Improved Design of Riparian Reserves	University of Kent	Universiti Malaysia Sabah	Environment, Agriculture and Food Sciences Review Panel
Malaysia	Smart Sustainable Cities - connecting Bristol with Kuala Lumpur	University of the West of England	Taylor's University	Social Sciences Review Panel

Philippines	Characterising dengue fever outbreak clusters in the Philippines, using molecular epidemiology and modelling, to allow targeted interventions	London School of Hygiene and Tropical Medicine	University of the Philippines	Biological and Medical Sciences Review Panel
Philippines	UK-Philippines ICTs in Disasters Consortium	University of Leicester	De La Salle University-Manila	Social Sciences Review Panel
Thailand	Molecular pathology of rare genetic diseases in children	Institute of Child Health (University College London)	Department of Pediatrics, Faculty of Medicine, Chulalongkorn University	Biological and Medical Sciences Review Panel
Thailand	Development and Evaluation of Chimeric Antigen Receptor T Cells (CAR-T Cells) for Treatment of Cancers	King's College London	Faculty of Medicine Siriraj Hospital, Mahidol University	Biological and Medical Sciences Review Panel
Thailand	Improving the diagnosis and prevention of melioidosis and tuberculosis in Thailand and the UK	London School of Hygiene & Tropical Medicine	Faculty of Associated Medical Sciences, Khon Kaen University	Biological and Medical Sciences Review Panel
Thailand	Highly-energy efficient and cost effective biodiesel production from vegetable oil sources in Thailand	Newcastle University	Thammasat University	Engineering and Physical Sciences Review Panel
Thailand	Health as a driver for adding value to the Thai rice industry	University of Leeds	Kasetsart University	Environment, Agriculture and Food Sciences Review Panel
Thailand	Role of Innate immune responses in the pathogenesis of opisthorchiasis and development of cholangiocarcinoma (bile duct cancer) in rural communities in Thailand	University of Liverpool	Khon Kaen University	Biological and Medical Sciences Review Panel
Thailand	Women Entrepreneurship Research Links	Centre for Entrepreneurial Learning	School of Entrepreneurship and Management	Social Sciences Review Panel
Thailand	Community Scale, decentralised Anaerobic Digestion for energy and resource recovery	Loughborough University	Asian Institute of Technology	Environment, Agriculture and Food Sciences Review Panel
Turkey	Restructuring and Employment Relations in Turkish Shipyards -with Comparative References to the British Case	Cardiff University	Bandırma Onyedi Eylül University	Social Sciences Review Panel
Turkey	Distrust in entrepreneurial networks: Design of Toolkits of Trust Building Mechanisms to Support Collaborative Innovation across High-Tech SMEs based in Technoparks - a comparative study	Coventry University	Middle East Technical University	Social Sciences Review Panel
Turkey	Optimising crop yield and agricultural resources with precision laser sensing	Imperial College of Science, Technology and Medicine	Adnan Menderes University	Engineering and Physical Sciences Review

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Turkey	Collaborative Research on the Epigenetic Effects of Bisphenol A, Bisphenol S and Bisphenol F as Potential Endocrine Disrupting Environmental Pollutants in Zebrafish Embryos as Alternative Models with	Institute of Cancer and Genomics Sciences, University of Birmingham	Marmara University, Faculty of Dentistry	Biological and Medical Sciences Review Panel
Turkey	Open social innovation platform system design for encouraging young education volunteers to put their creative ideas in science teaching	Middlesex University	Istanbul Technical University	Social Sciences Review Panel
Turkey	Location-based Control and Management System for Safety Warning and Emergency Rescuing Services using LTE D2D Technology	Middlesex University	Middle East Technical University	Engineering and Physical Sciences Review Panel
Turkey	Evaluation of some medicinal plants as an alternative to antibiotic growth promoters	Queen's University Belfast	Ankara University	Environment, Agriculture and Food Sciences Review Panel
Turkey	Development of primary genomic resources for securing sustainable hazelnut production in Turkey	Royal Botanic Gardens, Kew	Sabanci University	Environment, Agriculture and Food Sciences Review Panel
Turkey	Investigation of Physiological Traits and Mechanisms for Resilience to Multiple Abiotic Stress in Potato	The James Hutton Institute	Nigde University	Environment, Agriculture and Food Sciences Review Panel
Turkey	Solar Driven Thermochemical Heat Storage	The University of Nottingham	Istanbul Aydin University	Engineering and Physical Sciences Review Panel
Turkey	Post-earthquake Disaster and Risk Management through a Rapid Response Framework for Industrial Zones in Turkey	The University of Sheffield	Gebze Technical University	Engineering and Physical Sciences Review Panel
Turkey	Paper-based microfluidic electrochemical biosensor for detection of miRNA biomarkers towards early diagnosis of lung cancer	Ulster University	Ege University	Engineering and Physical Sciences Review Panel
Turkey	Manipulation and Destruction of Cancer Cells Using Cavitation Bubbles by Optical and Acoustic Tweezers	University College London	Bogazici University	Engineering and Physical Sciences Review Panel
Turkey	Protein engineering of UnaG for use in a bilirubin biosensor	University of Newcastle upon Tyne	Karamanoğlu Mehmetbey University	Biological and Medical Sciences Review Panel

Turkey	Development of Agro/Eco-Tourism Entrepreneurship with Food Safety Practices: Evidence from South Aegean Region of Turkey	University of Southampton	Adnan Menderes University	Social Sciences Review Panel
Vietnam	Sustainable green fuel and hydrocarbon production from non-food and waste Vietnamese Oil Seed Crops	Aston University	School of Chemical Engineering, Ha Noi University of Science and Technology	Engineering and Physical Sciences Review Panel
Vietnam	Enhancing food safety and security of maize and rice: minimisation and prevention strategies to control spoilage moulds and mycotoxins during post-harvest storage in Vietnam	Cranfield University	Ho Chi Minh City University of Food Industry (HUFI)	Environment, Agriculture and Food Sciences Review Panel
Vietnam	An evidence-based approach to the evaluation and planning of Breast Cancer Services in Vietnam	Queen's University Belfast	Hanoi Medical University	Biological and Medical Sciences Review Panel
Vietnam	The formulation of curcumin preparations with enhanced bioavailability for manufacturing in Vietnam	University of Brighton	Vietnam Academy of Science and Technology	Environment, Agriculture and Food Sciences Review Panel
Vietnam	Avoided forest degradation in central Vietnam (AFDIV)	University of Leeds	Hue University of Agriculture and Forestry	Environment, Agriculture and Food Sciences Review Panel
Vietnam	Adding Value to the Vietnamese Agri-food Sector	University of Newcastle upon Tyne	University of Economics Ho Chi Minh City	Social Sciences Review Panel
Vietnam	Improving health, environmental protection and energy security by developing resilient cost-effective anaerobic wastewater technologies with sustainable energy production for lower-income countries	University of Southampton	National University of Civil Engineering	Engineering and Physical Sciences Review Panel