

## Grants awarded 2014

UK Institution	Malaysian Institution	Working title of the Institutional Links collaboration
Heriot-Watt University	University of Malaya	Integrated water resources management & planning system in Malaysia: effect of climatic change and precipitation on the supply side
Queen's University Belfast	University of Malaya	Electrochemical Routes towards Sustainability: CO2 Capture and Utilization
University of Nottingham	University of Malaya	Public Health Intelligence Network for Dengue Surveillance in Malaysia
Queen Mary University of London	University of Malaya	A new research network to study animal-plant interactions in urban environments
University of Liverpool	University of Malaya	Death and disability: the vulnerability of older people in Malaysia to urbanisation and climate change.
University of Cambridge	University of Malaya	Integrating Algal Biophotovoltaics for Bioelectricity Production with Agro-industrial Wastewater Remediation Using Tropical Algae
City University London	University of Malaya	Ubiquitous optical sensors for environmental monitoring: impacting climate change
Cranfield University	University of Malaya	Evaluating and predicting nutrients availability from biowaste using sensor and cloud technology to meet crop demands in Malaysia
University of Manchester	University of Malaya	SuLeD-BIM: Sustainability-Led Design through Building Information Modelling
University of Manchester	Universiti of Malaya	Molecular Processing via Enzymatic Transformations of Biomass By-products: A UK-Malaysia Knowledge Transfer Programme for Biocatalysis.
University of Greenwich	University Malaysia Terengganu	Development of Integrated Wave Energy and Oceanic Macro Algae Farming Platform

University of Hull	University Malaysia Terengganu	Assessment of offshore engineering skills, ecological knowledge and maritime governance required for large-scale seaweed farming in UK and Malaysian waters
Northumbria University	Universiti Teknologi Malaysia	Development of the Incremental SI(Structure and Infill) Housing for Low-income Population in Malaysia
Loughborough University	Universiti Teknologi Malaysia	Printed solar modules for large area roof applications
Future Cities Catapult Limited	Institut Sultan Iskandar - Universiti Teknologi Malaysia (ISI-UTM)	Building local capacity in understanding, analyzing and visualizing big data in Malaysian cities in Malacca
University of Southampton	Universiti Sains Malaysia	Assessing the risk of emerging microbes during vaccine implementation and climate change through population-based carriage studies of the upper respiratory tract in all age groups
University of Strathclyde	Universiti Tunku Abdul Rahman	Smart Agriculture with Intelligent Transportation System for Sustainable Future Cities
University of Newcastle	Universiti Tunku Abdul Rahman	Research and development of grid-connected distributed energy storage as a means of ancillary services for the network regulation
The University of Nottingham	Universiti Putra Malaysia	Development of low cost supercapacitor based solar energy for rural areas.
School of the Built Environment	Universiti Tun Hussein Onn Malaysia	Towards safer future cities from climate-induced extreme weather events through a resilient built environment in Malaysia
University of Hull	Universiti Malaysia Sabah	Enhancing environmental resilience & energy security by developing efficient novel methods for converting palm oil waste to biodiesel and fertiliser
University of Cambridge	Universiti Kebangsaan Malaysia	Future Cities: Science to Action for Building Resilience of Urban Communities to Climate Induced Physical Hazards
The University of Manchester	Swinburne University Sarawak Campus	Development of a remote and efficient water quality monitoring system for tropical urban source water

University of Nottingham	Crops For The Future - University of Nottingham Malaysia Campus	Cost-Effective Partial Replacement of Unsustainable Protein and Lipid in Aquafeeds using Insects and Underutilised Crops in an Integrated Agricultural System with Socio-Economic Benefits
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