

Grants Awarded: Newton Fund Institutional Links – April 2020 call

Eligible IL partner countries: Indonesia, Mexico, Thailand, Turkey

- **Total eligible applications – 366**
- **Funded applications – 29 (8%)**

Partner Country	Project Title	UK Institution	Partner Institution	Review Panel September 2020
Indonesia	Embedding COVID-19 preparedness into local disaster risk reduction	University of Huddersfield	Andalas University	Social Sciences
Indonesia	Ensuring the safety of Indonesian seafarers and fishers in the time of COVID-19 and beyond	University College London	Sepuluh Nopember Institute of Technology	Engineering and Physical Sciences
Indonesia	Soft Robotics for Affordable Healthcare in Indonesia	Imperial College of Science, Technology and Medicine	Institut Teknologi Bandung	Engineering and Physical Sciences
Indonesia	AI-based Telemedicine for COVID-19 Patients	University of York	Bina Nusantara University	Biological and Medical Sciences

Delivering

Partner Country	Project Title	UK Institution	Partner Institution	Review Panel September 2020
Indonesia	Resilience of Indonesian tuna fisheries to the current COVID-19 pandemic and future uncertainties	University of Hull	Universitas Indonesia	Social Sciences
Mexico	Safeguarding milpa-polyculture system for the development of sustainable agricultural practices and functional foods: a bio-economics approach	University of Leeds	Centro de Investigación en Alimentación y Desarrollo	Environment, Agriculture and Food Sciences
Mexico	Exploitation of Mezquite Tree (<i>Prosopis laevigata</i>) as a Sustainable Source of Food with High Nutritional and Economical Value in the Mezquital Valley, Hidalgo Mexico	University of Aberdeen	Universidad Politécnica de Francisco I. Madero.	Environment, Agriculture and Food Sciences
Mexico	Measuring energy poverty and its health impacts on selected indigenous communities in the State of San Luis Potosi, while developing public policy to promote renewable energy	De Montfort University	Instituto Tecnológico de San Luis Potosí	Social Sciences

Mexico	Sustainable land use practices for Mexican drylands: Phase 1. A multi stakeholder assessment of the nexus livestock production, ecosystem services and climate change	University of Nottingham	Instituto Potosino de Investigación Científica y Tecnológica	Environment, Agriculture and Food Sciences
Mexico	Milpa 2030: Local farming and local produce for urban and rural food and water security in a hotter drier future	Royal Botanic Gardens Kew	Instituto Potosino de Investigación Científica y Tecnológica	Environment, Agriculture and Food Sciences
Mexico	Capacity development through institutional linkage for a green and sustainable arsenic remediation process for safe food and water provision in San Luis Potosi	Heriot-Watt University	Instituto Potosino de Investigación Científica y Tecnológica	Engineering and Physical Sciences
Thailand	Export-readiness in the Thai edible insect industry: Devising a Roadmap	Coventry University	Maharakham University	Social Sciences
Thailand	Biorefinery approach to valorising Thai seafood processing industry by-products	Heriot-Watt University	Kasetsart University	Environment, Agriculture and Food Sciences
Thailand	Development of an oyster depuration facility to improve the welfare of coastal communities in Thailand	University of Essex	Burapha University	Environment, Agriculture and Food Sciences

Thailand	Waste to Wealth: Tackling the agricultural wastes in Thailand to make fully recyclable packaging	Queen Mary University of London	Mae Fah Luang University	Engineering and Physical Sciences
Thailand	Village Health Volunteers (VHV) and COVID-19 Outbreak Management: Potentials and Developmental Strategies	University of the West of England	Maharakham University	Social Sciences
Thailand	Using digital art and media to develop critical consciousness and 21st-century skills of vulnerable young people in Thailand	University of East London	Mahidol University	Social Sciences
Thailand	Adopting Circular Economy in Thai Food Supply Chain through Industry Academia Collaboration	Aston University	Asian Institute of Technology	Social Sciences
Thailand	Development of an automated system for parasitic worm eggs detection and classification on a motorised stage microscope	University of Bristol	Chulalongkorn University	Engineering and Physical Sciences
Thailand	Robust burnt scar profiling using deep learning and ensemble modelling with remote sensing data	Aberystwyth University	Mae Fah Luang University	Engineering and Physical Sciences

Thailand	Developing phage enzymes to tackle <i>Acinetobacter baumannii</i> infections in ageing populations in Thailand	University of Warwick	Naresuan University	Biological and Medical Sciences
Turkey	Rapid Onsite Tools to Combat Antimicrobial Resistant Mastitis in Dairy Cattle	University of Glasgow	Atatürk University	Engineering and Physical
Turkey	Vaccines4All: fair and efficient location, routing, and allocation models to support large-scale vaccination	Nottingham Trent University	Koc University	Social Sciences
Turkey	Climate resilient 3D-printable building components incorporating sustainable and low-cost materials (3D-PC) Providing low-cost and high-speed housing for vulnerable populations	University of Glasgow	Middle East Technical University	Engineering and Physical Sciences
Turkey	Integration of biomass gasification with plasma-catalytic tar reforming for clean hydrogen production	University of Liverpool	Ege University	Engineering and Physical Sciences
Turkey	Ultralight Absorber for Remote Energy Source (U-AREs)	University of Northumbria at Newcastle	Middle East Technical University	Engineering and Physical Sciences

Turkey	Floating hybrid renewable energy systems for Turkey	Durham University	Middle East Technical University	Engineering and Physical Sciences
Turkey	Automated Captioning of Image and Audio for Visually and Hearing Impaired	University of Surrey	Izmir Katip Celebi University	Engineering and Physical Sciences
Turkey	Implementing digitalization to improve energy efficiency and renewable energy deployment in Turkish distribution networks	Brunel University London	Kadir Has University	Engineering and Physical Sciences