

Newton Fund, Institutional Links, Impact 2015-2017

The Newton Fund builds research and innovation partnerships with 18 partner countries to support their economic development and social welfare, and to develop their research and innovation capacity for long-term sustainable growth. The Newton Fund is managed by the UK Department for Business, Energy and Industrial Strategy (BEIS), and delivered through 15 UK delivery partners including the British Council.



161 Institutional Links



970 Researchers

Leveraged Funding

£46,712,000



Leveraged funding is essential for sustaining Newton funded research, 19% of Institutional Links received further funding as a result of their Newton grant. 34% of additional funding was leveraged from UK research grants such as The Prosperity Fund and Global Challenges Research Fund. Funding has also been leveraged from overseas resulting in over £500,000 in UK income from research grants.

Publications

305 Publications



Publications are the most common research outputs recorded for Institutional Links. 52% of total Publications reported are Journal articles of which 68% have already been published with a further 32% submitted for publication. 21% of Journal Articles are Open Access.

Collaborations

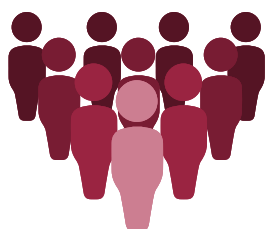
314 Further Collaborations



Collaborations play an increasingly important part in research enabling the leveraging of insights and expertise from around the globe. Principle Investigators have reported further collaborations with organisations including Oxfam, Innovate UK, EU Marie Curie and the World Resources Institute.

Engagement

377 Engagement Activities



The Newton Fund encourages the dissemination and communication of research results. 40% of total projects participated in engagement activities: 54 formal working groups, expert panels or dialogues, 148 talks or presentations, 123 participated in an activity or workshop and 52 other engagements including broadcasts, symposiums and press conferences.

Policy Influence

20% of Projects Influenced Policy



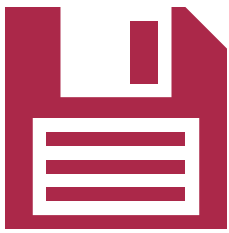
Policy change towards local development needs and global challenges is a key objective for the Newton Fund, to date 13 projects influenced the training of practitioners, 8 projects participated in advisory committees, 3 projects gave evidence to government reviews and 3 projects participated in National Consultations.

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Shared Databases & Models

62 New Databases/Models



Data sharing encourages more collaboration between researchers, which can result in important new findings. 14% of projects have reported at least one database or model, of those products reported - 64% are databases, 31% are analysis techniques and 5% are computer models or algorithms.

Research Tools & Methods

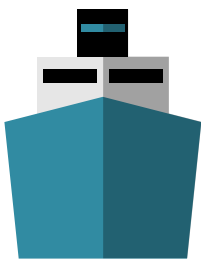
40 New Research Tools



19 projects reported the development of a new research tool or methodology. One project has developed mixed methodologies for investigating the building performance of a 22-storey tower block in London to reduce the buildings' energy consumption and improve indoor thermal performance by providing tailored recommendations for energy and cost-efficient retrofit.

Software and Technical Products

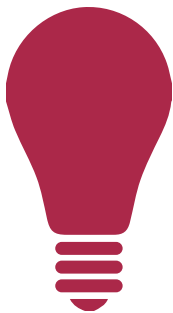
25 Software Products



11 projects produced software or technical products. In Vietnam a network of industry, academia, NGOs and researchers have developed 5 products aimed at reducing high logistics costs and maritime emissions in Vietnam's ports. In Mexico an in-car device has been developed that allows vehicles to communicate information on the environment to reduce congestion and improve air quality.

Intellectual Property

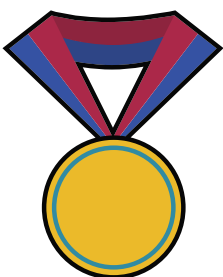
Patents



Universities are becoming more likely to patent and commercialise their own innovations, however, patents can take a long time to be granted. The Newton Fund is showing future promise, in Colombia a patent application has been granted for a low cost x-ray source that will be used in remote areas to diagnose tuberculosis.

Awards & Recognition

International Awards & Recognition



In 2017, Newton Prizes were awarded to Institutional Links projects in Thailand, Malaysia and Vietnam with awards totalling £712,000. Newton Funding can lead to career development and professional opportunities. 57% Of those projects who reported Awards or Recognition stated that the level of scheme was International, 37% as National and 6% as Regional. 18% won research prizes and 13% won medals.