

Collaboration with NGOs for SDGs

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
Pamela Abbott	Education	George Youngson	1, 4, 5, 8, 16	Collaboration with NGOs for SDGs	<i>The Social Impact of a Specialist Paediatric Surgical Service in Rwanda : A Qualitative Evaluation of the Effects on Child, Family and Community.</i> IPAR-Rwanda in collaboration with the Centre Hospitalier Universitaire de Kigali (CHUK) is conducting a study on the "The Social Impact of a Specialist Paediatric Surgical Service in Rwanda : A Qualitative Evaluation of the Effects on Child, Family and Community." IPAR-Rwanda was awarded a grant after a proposal was submitted and later signed a contract with the University Court of the University of Aberdeen, a charity registered in Scotland to carry out the study in 30 months. The results of this study are expected to inform future decisions on Specialist Paediatric Surgical Service in Rwanda. The study is currently approaching data collection phase	http://www.ipar-rwanda.org/spip.php?article21
Pamela Abbott	Education	Peter Mtika, and Aileen Ackland	1, 4, 5, 8, 16	Collaboration with NGOs for SDGs	Fostering a social practice approach to adult literacies for improving people's quality of life in Western Rwanda. Research on the social practices approach in adult literacies led to an application to the Scottish Government to innovate the approach for implementation in Rwanda. Funded by the Scottish government this project aims to address the identified challenge in adult literacy in Western Rwanda. The project is drawing from a social practices approach to build the capacity of the Rwandan education sector to respond to the needs of adult learners. The project is a collaboration with the Institute for Policy Analysis and Research (KigaliRwanda) to inform decision-making by the Rwandan Education Board and Ministry of Education.	https://www.abdn.ac.uk/education/documents/soe%20newsletter%20issue%201%20-%20spread%20version.pdf and https://www.fawcettsociety.org.uk/blog/our-timenow-improving-womens-lives-in-rwanda-through-education
Azizul Islam	Business	P Abbott	5, 10	Collaboration with NGOs for SDGs	By partnering with NGOs, such as Transform Trade (formerly Traidcraft Exchange), the research is enabled for impact. Other NGOs we work with include: <u>War on Want</u> ; <u>Labour Behind the Label</u> ; <u>Clean Clothes Campaign</u> ; <u>Fashion Roundtable</u> ; and <u>No Sweat</u> with whom Prof Islam joined a panel discussion on the eight anniversary of Rana Plaza disaster: https://twitter.com/No_Sweat/status/1387098964831481864 .	https://www.abdn.ac.uk/business/news/16188/
Adam Price	Biological Sciences	Yit Arn Teh, Viktoria Oliver.	6	Collaboration with NGOs for SDGs	The Institute of Biological and Environmental Science (IBES) at the University of Aberdeen (UoA) is one of the leading centres of excellence in ecology and environmental science in the UK, with expertise in functional and ecological genetics, root and rhizosphere processes, plant-soil interactions, ecosystem	https://www.agrisource.org/en/7_113/5c332f6907c805cd14cf5d9f/GreenRice.html

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		Green Rice Consortium:			carbon and nitrogen dynamics, greenhouse gas cycling, soil microbial ecology, and ecosystem modelling. Professor Adam Price is a rice geneticist interested in the causes and consequences of genetic variation in rice at the breeding, physiological and molecular levels. Professor Price has long-term research interests in South Asia, with a focus on rice systems in Bangladesh. Dr Yit Arn Teh is a biogeochemist and ecosystem ecologist studying terrestrial carbon and nitrogen dynamics, plant-soil interactions and land-atmosphere exchange of trace gases. Dr Viktoria Oliver is an ecosystem scientist with interests in biosphere-atmosphere interactions, terrestrial carbon cycling, the effects of land-use change on biogeochemistry and plant-litter-soil organic matter dynamics.	
David Price	Applied Health Sciences		3	Collaboration with NGOs for SDGs	<ul style="list-style-type: none"> • Primary Care Respiratory Society Professor of Primary Care Respiratory Medicine at the University of Aberdeen, UK • Managing Director of Observational and Pragmatic Research Institute, Singapore • Managing Director of Optimum Patient Care, Australia and UK <p>Professor David Price is founder and head of The Observational and Pragmatic Research Institute (Singapore), an independent, research-driven organisation established to cultivate initiatives, provide evidence and drive quality standards within the growing field of real-life, pragmatic and observational research. This dynamic organisation delivers pragmatic clinical trials and real-life database research across multiple geographies, including territories in the United States, Europe and the Asia-Pacific region, such as Singapore, South Korea, Taiwan, The Philippines, New Zealand, Australia, Japan and China. He is also head of Optimum Patient Care (Australia and UK), a science-based, social enterprise which focuses on disease registries and supporting care in primary and secondary care led by internationally recognised experts in all areas of respiratory medicine.</p>	https://opri.sg/team/professor-david-price/
Wendy Russell	Rowett		3, 13	Collaboration with NGOs for SDGs	<p>SEFARI – Scottish Environment, Food and Agriculture Research Institutes https://sefari.scot/about-us</p> <p>SEFARI, the Scottish Environment, Food and Agriculture Research Institutes, is a consortium of six globally renowned research institutes. As SEFARI, these institutes deliver the Scottish Government funded Strategic Research Programme (SRP), which addresses key mid to longer-term challenges for Scotland's environment, agriculture, land use, food and rural communities.</p> <p>Scottish Government Strategic Research Programme – 2016-2021. Commissioning of the strategic research for 2016-2021 followed extensive</p>	https://www2.gov.scot/Topics/Research/About/EBAR/StrategicResearch/strategicresearch2016-21/srp2016-

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					<p>consultation with policy makers, academics, industry representatives and the Main Research Providers. A Research Strategy for 2016-21 https://www.gov.scot/publications/rural-affairs-food-environment-research-strategy-2016-2021/ guided the development of the research portfolio. The Scottish Government's vision for this research strategy is: "to support research that is relevant, respected and responsive to Scotland's communities, its people and to the rural economy"</p> <ul style="list-style-type: none"> • Novel Crops (Productive and Sustainable Land Management and Rural Economies) • Improved Food and Drink Production (Food Health and Wellbeing) 	<p>21/viableruralcommunities and https://www2.gov.scot/Topics/Research/About/EBAR/StrategicResearch/strategicresearch2016-21/srp2016-21/foodhealthandwellbeing</p>
Valerie Speirs	Medical Sciences		3	Collaboration with NGOs for SDGs	<p>As part of a consortium which recognised that scientists required access to human breast tissue to help accelerate research, Valerie Speirs helped establish the Breast Cancer Now Tissue Bank (www.breastcancertissuebank.org/). She leads the Aberdeen centre and is co-PI nationally. She established SEARCHBreast, a virtual resource aimed at sharing materials which are often surplus following animal studies on breast cancer, thus reducing the numbers of animals used in research (www.searchbreast.org).</p> <p>Ongoing work includes establishing the Aberdeen Cancer Centre, bringing together a team of scientists and clinicians working collaboratively to deliver patient-centred research. This bench to bedside approach aims to translate new laboratory findings into the clinic with the goal of directly improving patient outcomes.</p> <p>Current Research</p> <ul style="list-style-type: none"> • Functional modelling of male breast cancer (UoA Development Trust & Elphinstone scholarship) • Examining how components of the breast cancer microenvironment influence cancer cells (Elphinstone scholarship) • Breast Cancer Now Tissue Bank and Cell Culture Programme (coPI with JL Jones, QMUL/Barts; Breast Cancer Now) • Fully humanised 3D vascular perfused model for breast cancer modelling and therapeutic screening (NC3Rs) • Investigating a new approach to treating metastatic bone disease: radiotherapy first? (with A Rieman et al; NHS Grampian) • Public Engagement in Pathology (Pathological Society of GB & Ireland) • Examining how endocrine disrupting agents may modulate activity of fibroblasts generated from breast tissue of high and low mammographic density (Animal Free Research UK & Breast Cancer UK) 	

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					<ul style="list-style-type: none"> Elucidating the role of ROCKII in angiogenesis and the microenvironment of breast cancer brain metastases using genetic deletion approaches. (with G Mavria, Leeds; Breast Cancer Now). Developing an organ on a chip model to test the therapeutic efficiency of Adhiron in breast cancer (NC3Rs) 	
Zeray Yihdego	Law		16	Collaboration with NGOs for SDGs	<p>Horizon 2020, DAFNE project: Decision Analytic Framework to explore the water-energy-food Nexus in complex transboundary water resource systems of fast developing countries</p> <p>The overall objective of DAFNE is to establish a decision-analytic framework (DAF) for Participatory and Integrated Planning (PIP). The DAF is a multi-step procedure that will enable the extensive, quantitative analysis of the anticipated effects of alternative planning options on the broad range of heterogeneous and often competing interests in trans-boundary river basins ultimately facilitating comparison and negotiation based on</p> <ol style="list-style-type: none"> active engagement of stakeholders from the two case studies in the process from the outset of the project, and integration of multiple and diverse international and local academic expertise ranging from natural sciences, water engineering, and environmental economics, to water governance and laws in order to develop tools to facilitate social understanding of the impact and support comparative analysis of the alternative through negotiations 	http://dafne-project.eu/ https://cordis.europa.eu/project/rcn/203272/factsheet/de

Schools, Departments, Partnerships, or Centres

Name	Area	Descriptor	Evidence
Hydro Nation Doctoral Training Centre	Collaboration with NGOs for SDGs	Hydro Nation: The Hydro Nation scholars programme is part of the Scottish Government's Hydro Nation strategy. The objective of the strategy is to develop the economic, environmental and social value of Scotland's water resources	Hydro Nation
IBioIC Collaborative Training Partnership	Collaboration with NGOs for SDGs	IBioIC Collaborative Training Partnership: Funded jointly by the Biotechnology and Biological Sciences Research Council and the Scottish Funding Council, the Industrial Biotechnology (IB) Innovation Centre (IBioIC) supports industrially-relevant PhD projects that bring biotechnology closer to industrialisation.	IBioIC Collaborative Training Partnership

Leverhulme Doctoral Training Centre for Sustainable Production of Chemicals and Materials	Collaboration with NGOs for SDGs	<p>Leverhulme Doctoral Training Centre for Sustainable Production of Chemicals and Materials</p> <p>This £1 million project directly address the urgent global need to develop new and innovative strategies for the sustainable production of chemicals and materials using renewable feedstocks and renewable energy.</p>	Leverhulme Doctoral Training Centre for Sustainable Production of Chemicals and Materials
Medicine, Medical Sciences and Nutrition	Collaboration with NGOs for SDGs	<p>Our Gateway2Medicine (G2M) programme has been designed to transform the aspirations and ambitions of secondary school pupils from a widening access background in Scotland, and who may have considered that application to medical school is too ambitious, unrealistic and out of their reach. Our programme is fully supported by the Scottish Government and NHS Grampian.</p> <p>The school of Medicine, Medical Sciences and Nutrition also undertakes outreach activities with respect to healthcare careers in general and medicine in particular. Careers in health, So you want to be a doctor, medicine and medical science conference day, talking about careers in medicine, specific workshop support for Reach school pupils in S6 planning application for medicine (how to write a personal statement, UCAT practice, Mock Multiple Mini Interviews), medical student Ambassador support for Reach Schools.</p>	https://www.abdn.ac.uk/smmsn/undergraduate/duate/g2m/index.php
National Decommissioning Centre	Collaboration with NGOs for SDGs	<p>National Decommissioning Centre Doctoral Training Centre: Established with government support, through the Oil and Gas Technology Centre (OGTC), this multi-million-pound global centre of excellence works in partnership with government and industry to deliver research and training aimed at transforming oil and gas decommissioning and mature field management.</p>	National Decommissioning Centre Doctoral Training Centre
Northern Research Partnership	Collaboration with NGOs for SDGs	<p>The Northern Research Partnership in engineering and related disciplines has been established by the University of Aberdeen, the University of Dundee and the Robert Gordon University, with significant funding from the Scottish Funding Council. The Northern Research Partnership effects the convergence of engineering research strategies and builds a research cluster with the critical mass to compete effectively nationally and internationally. The partner universities for the NRP have adopted a coordinated approach to investment, staffing strategy, research training and joint funding programmes. As part of this four Joint Research Institutes (JRIs) have been established (Civil Engineering, Computational Systems, Energy & clean Technologies, and Medical Technologies).</p> <p>The new National Subsea Research Initiative based at the University of Aberdeen is a partnership involving the Northern Research Partnership (Aberdeen, Dundee and Robert Gordon universities), in collaboration with Subsea UK to provide a focus for R&D and training as part of the UK's future energy strategy.</p>	<p>https://www.northscotland-research.ac.uk/jri/</p> <p>National Subsea Research Initiative</p>

Philosophy	Collaboration with NGOs for SDGs	Lead by Dr Federico Luzzi, The University of Aberdeen Philosophy Department aims to involve broader audiences in the collaborative methodology of philosophical inquiry in order to allow the proven benefits of pursuing philosophical reflection to reach beyond academic circles	https://www.abdn.ac.uk/sdhp/philosophy/outreach-595.php
Political Concepts in the World (POLITICO)	Collaboration with NGOs for SDGs	Politico: Political Concepts in the World (POLITICO) is a Horizon2020 Marie Skłodowska-Curie doctoral training programme for ground-breaking research on how political concepts, such as citizenship, civil society and rule of law, are used in the world.	Politico
QUADRAT Doctoral Training Centre	Collaboration with NGOs for SDGs	QUADRAT : The £3 million project, funded by the Natural Environment Research Council (NERC) brings together research and teaching centres of excellence in biological sciences and geosciences from the University of Aberdeen and Queen's University Belfast and collaborative partners to provide a transformative platform for PhD Research and training.	https://www.abdn.ac.uk/sbs/research/quadrat/index.php
Scottish Graduate School for Arts and Humanities (SGSAH): Doctoral Training Centre	Collaboration with NGOs for SDGs	Scottish Graduate School for Arts and Humanities (SGSAH): Funded jointly by the Arts and Humanities Research Council and the Scottish Funding Council, the University of Aberdeen is a partner in the SGSAH, the world's first national graduate school in the Arts & Humanities. The DTP offers unparalleled training and support to doctoral researchers in Scotland.	Scottish Graduate School for Arts and Humanities (SGSAH)
Scottish Graduate School for Social Sciences (SGSSS): Doctoral Training Centre	Collaboration with NGOs for SDGs	Scottish Graduate School for Social Sciences (SGSSS): Funded jointly by the Economic and Social Research Council and the Scottish Funding Council, the University of Aberdeen is a partner in the SGSSS, the UK's largest facilitator of funding, training and support for doctoral students in social science. By combining the expertise of sixteen universities across Scotland, the school facilitates world-class PhD research.	Scottish Graduate School for Social Sciences (SGSSS)
Student volunteering programmes	Collaboration with NGOs for SDGs	<p>UK Wide and International Volunteering opportunities are available to students at the University of Aberdeen. The Careers and Employability Service and AUSA offer lots of long-term projects and one-off events for students to get involved in.</p> <p>Schools and Disciplines also offer wide ranging volunteer programmes. Examples include</p> <p>The Aberdeen Philosophy in Education Group (APEG) which trains volunteer philosophy students to facilitate discussion of philosophical questions among primary and secondary school pupils. The group holds a yearly Philosophy Reading Party, when philosophy students and staff spend a weekend in the Cairngorms National Park, with hillwalking during the day and informal philosophy talks in the evening.</p> <p>The Aberdeen law Project is the first British law project to be founded, led and operated by students. Established in 2009, the Aberdeen Law Project ("ALP") is one</p>	https://www.abdn.ac.uk/careers/jobs-work-experience/volunteering.php

		of the largest law projects in the UK. Both independently and in collaboration with other established community groups and charities, students at the Aberdeen Law project provide information and practical assistance on a range of subjects.	
SUPER: Doctoral Training Centre	Collaboration with NGOs for SDGs	SUPER: Funded by the natural Environment Research Council, the SUPER DTP addresses an interdisciplinary "catchment to coast" research portfolio, combining the expertise of a well-established collaborative group of universities, delivering world-leading research and training in natural environmental sciences	SUPER
IBioIC Collaborative Training Partnership	Collaboration with NGOs for SDGs	IBioIC Collaborative Training Partnership: Funded jointly by the Biotechnology and Biological Sciences Research Council and the Scottish Funding Council, the Industrial Biotechnology (IB) Innovation Centre (IBioIC) supports industrially-relevant PhD projects that bring biotechnology closer to industrialisation.	IBioIC Collaborative Training Partnership