**SDG 17**

**Collaboration for SDG best practice**

**Through international collaboration and research, we review comparative approaches and develop international best practice on tackling the SDGs**

| Name | Discipline | Related SDG(s) | Descriptor of role or involvement | Links |
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| Alison Avenell | Applied Health Sciences | 3 | Through international collaboration and research, Alison Avenell and others are developing a tool to ensure integrity and best practice in the reporting of randomised clinical trials | <https://doi.org/10.1136/bmjopen-2024-084164> |
| Michael Beaney | Divinity, History and Philosophy | 17 | Michael Beaney was elected in 2020 as President of the Society for the Study of the History of Analytical Philosophy (SSHAP), an international organization aimed at promoting discussion in all areas of scholarship concerning the development of philosophical logic, philosophy of language, the philosophy of mind, metaphysics, the philosophy of science and epistemology | <http://sshap.org/about/>  <https://www.abdn.ac.uk/news/15240/> |
| Keith Bender | Economics | 8 | Member of the Centre for European Labour Market Research (CELMR) which fosters both disciplinary and interdisciplinary collaborations that aim to address the multidimensional mechanisms through which socio-economic conditions impact labour market, health and wellbeing outcomes. CELMR actively engages with the wider society and stakeholders locally, nationally and internationally to shape new research directions in labour economics, health economics and human resource management and inform relevant policy debates. | <https://www.abdn.ac.uk/business/research/celmr-82.php> |
| Abbe Brown and Marcel Jaspars | Law and Chemistry | 14, 16 | Prof Abbe Brown (Law) and Prof Marcel Jaspars (Chemistry) have been contributing to international policy-making in three UN institutions to bring about a fair, science-informed and legally consistent approach for international best practice in policy-making. Their collaboration focused on the use which is made of genetic resources to gain new knowledge and build new products. | <https://www.abdn.ac.uk/news/22685/> |
| David Burslem | Biological Sciences | 13, 15 | David Burslem’s long term research on natural regenerative reforestation has demonstrated best practise for carbon capture in tropical forest areas of Malaysia | <https://www.abdn.ac.uk/research/documents/COP26%20Regrowing%20a%20Tropical%20Forest.pdf> |
| Ilona Cairns | Law | 5 | Ilona Cairns’ research focuses on the regulation and reform of the law relating to best practice in dealing with sexual offences and domestic abuse. She is particularly interested in these issues from an evidential standpoint and several of her publications relate to the Scottish corroboration rule. | <https://www.abdn.ac.uk/people/ilona.cairns> |
| Jean-Christophe Comte | Geosciences | 6, 13, 15 | Jean-Christrophe Comte’s has provided vital evidence to guide best practice using groundwater resources, changing the way that Kenyan authorities manage groundwater reserves. New national and regional policies focus on maintaining quality and supply of fresh water, including protecting wetlands replacing field instruments, greater use of sensor and modelling technologies, closer scrutiny of monitoring data and redesigning plans for future developments. | <https://www.abdn.ac.uk/stories/supporting-sustainable-approaches-to-water-management/index.html> |
| Lucia D’Ambruoso | Applied Health Sciences | 3, 10 | Working with South African communities and government to improve equity in accessing healthcare. The VAPAR learning platform supports across sectors: public, policy makers, analysts, researchers, evaluators and planners to allow engagement and learn by generating local data of practical relevance. | <https://www.abdn.ac.uk/people/lucia.dambruoso#research>  <https://www.vapar.org/> |
| Davide Dionisi | Engineering | 12 | Davide Dionisi is a part of HyWay – Hydrogen production from waste - an international multidisciplinary and multi-sectoral integrated research and innovation programme that promotes collaborations, knowledge transfer and best practice among highly qualified individuals in the field of thermo-chemical conversion of waste materials for hydrogen production. | <https://www.abdn.ac.uk/news/23063/> |
| Silvia Gratz | Rowett | 3 | Silvia Gratz’s research is on evaluation and best practice for mitigating mycotoxin contamination of cereals to address human exposure and inform risk analysis practices across the supply chain | <https://sefari.scot/research/projects/evaluation-and-mitigation-of-mycotoxin-contamination-across-the-scottish-cereal> |
| Paul Hallett and Euan Phimister | Biological Sciences and Business School | 1, 2, 8, 10, 11, 15 | The RALENTIR project devises best practice to combat land degradation in Ethiopia while considering equity and justice, strengthening risk management and benefits for communities, particularly poor and marginal groups, increasing the capacity of local people to adapt and improve their lives. | <https://www.abdn.ac.uk/business/research/ralentir-795.php> |
| Astley Hastings | Biological Sciences | 7, 9, 12 | Astley Hastings is a researcher for UK Energy Research Centre (UKERC), carrying out world-class, interdisciplinary research into sustainable future energy systems and is a member of the Advanced Apprenticeship Committee of Institution of Mechanical Engineers - IMechE - a global, inclusive and thriving community, developing best practice in mechanical engineering | <http://www.ukerc.ac.uk/about-us.html>  <https://www.imeche.org/about-us> |
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| John Howell | Geology and Geophysics | 13, 15 | Understanding volcanic eruptions with thermal imaging: University of Aberdeen Research created world’s first 3D thermal image of an active volcano. John Howell co-founded V3Geo a public database of over 400 virtual models of geological phenomena from around the world that  scientists, teachers and the public can share and learn from. | <https://www.abdn.ac.uk/stories/volcanic-eruptions/index.html>  <https://v3geo.com/about>  <https://www.abdn.ac.uk/news/22881/> |
| Muhammad Azizul Islam | Business | 5, 10, 12 | Muhammad Azizul Islam is widely recognised internationally as a leading sustainability accounting researcher. He investigates transparency and human rights issues relating to the global south’s garment industry. The research has led to policy briefs for UK and Bangladesh governments which give recommendations on best practice for this industry to give better protections to the most vulnerable workers within the supply chain. | [Policy Brief for Bangladesh;](https://aura.abdn.ac.uk/bitstream/handle/2164/17652/Islam_etal_Policy_brief_01_VOR.pdf?sequence=3)  [Policy Brief for UK](https://aura.abdn.ac.uk/bitstream/handle/2164/17651/Islam_etal_Policy_Brief_02_VOR.pdf;jsessionid=93E4CCEA610E151C3B9024DDE531C050?sequence=3) ; <https://www.abdn.ac.uk/business/news/16188/> |
| Amy Irwin | Psychology | 3,9, 15 | Dr Amy Irwin’s research into human factors for farming safety led to her team producing tools for best practice in agricultural non-technical skills. Tools were distributed to farmers through major farming organisations such as the National Farmers Union (NFU), as well as agricultural colleges and the Institute of Occupational Safety and Health (IOSH). | <https://www.abdn.ac.uk/stories/seeds-of-safety/index.html> |
| Alexandra Johnstone | Rowett | 1, 2, 3 | Alexandra Johnstone leads the FIO-FOOD project which takes account of people’s lived experience of living with obesity and food insecurity and co-designing supermarket-based interventions for food retailers to deliver best practice for people to access healthy and sustainable food | <https://www.abdn.ac.uk/rowett/research/fio-food/index.php> |
| Dragan Jovcic | Engineering | 7 | Dragan Jovic is the Director for Aberdeen HVDC (High Voltage Direct Current) research centre which maintain highest quality national/international standards through leading research activities related to DC grids, HVDC and wider encompassing power electronics and power systems. Prof Jovcic is active in CIGRE: a collaborative global community committed to the world's leading knowledge development programme for the creation and sharing of power system expertise. | <https://www.abdn.ac.uk/engineering/research/aberdeen-hvdc-research-centre-472.php>  <https://www.abdn.ac.uk/engineering/people/profiles/d.jovcic> |
| Zaheer Khan | Business | 8, 9, 12 | Zaheer Khan is the Founding Director of the Africa-Asia Centre for Sustainability Research The Centre advocates for delivering solutions that address Grand Sustainability Challenges in Africa and Asia | <https://www.abdn.ac.uk/business/research/africa-asia-centre-for-sustainability.php#panel680> |
| Xavier Lambin | Biological Sciences | 10, 15 | Xavier Lambin leads Contain – LATAM – collaborative international working to develop tools and methods for best practise in managing invasive species in Latin America | <https://www.abdn.ac.uk/sbs/research/contain-latam.php> |
| Georgious Leontidis | Computing | 7, 9 | Georgios Leontidis will work with the executive team of the Alliance (a partnership between The Data Lab and the Scottish Government) across sectors in Scotland to deliver the actions laid out in the national AI Strategy. | <https://www.abdn.ac.uk/news/16871/> |
| Alireza Maheri | Engineering | 7, 9 | Alireza Maheri has created modular-based software, Multi-objective Optimisation of Hybrid Renewable Energy Systems (MOHRES), which uses innovative design and analysis methods to improve the design optimisation of hybrid renewables which results in more accurate performance predictions. As a result of international collaboration, the tool is the first of its kind to allow bespoke energy systems to be developed that satisfy end-users’ requirements in terms of the power supply, system costs and environmental impact, facilitating best practice in this area. | <https://www.abdn.ac.uk/stories/improving-energy-efficiency/index.html> |
| Pieter van West and Sam Martin | Biological Sciences | 12, 14 | The International Centre for Aquaculture Research and Development at the University of Aberdeen consolidates aquaculture research at the University of Aberdeen to help develop best practice sustainable aquaculture industry worldwide. Most of our research is stakeholder-driven and will directly or indirectly translate to improving the aquaculture industry | [International Centre for aquaculture Research and Development (ICARD)](https://www.abdn.ac.uk/icard/) |
| Ben McCormick | Rowett | 2 | Ben McCormick of the Rowett Institute has been looking at decision-support tools to better articulate the deliberative processes around vaccine introductions and use in low- and middle-income settings. | <https://www.abdn.ac.uk/rowett/research/profiles/benjamin.mccormick> |
| Joanne McEvoy | Politics | 5, 10, 16 | Joanne McEnvoy’s research is on the diversity of voices on constitutional change in Northern Ireland and the Republic of Ireland post-Brexit. This work has been in collaboration with Professor Jennifer Todd and Dr Dawn Walsh (University College Dublin) and funded by the Irish Research Council and the Irish Department of Foreign Affairs. The research draws on focus groups, interviews and deliberation with groups largely disengaged from constitutional politics (women's groups, ethnic minorities, and youth). | <https://www.abdn.ac.uk/people/j.mcevoy#about> |
| David McLernon | Applied Health Sciences | 3 | David McLernon’s work in producing an IVF prediction tool from international data led to his collaboration with the USA's Society for Assisted Reproductive Technology (SART) to host the tool for people to use for free | <https://w3.abdn.ac.uk/clsm/SARTIVF/tool/ivf1> |
| Gearoid Millar | Sociology | 16 | Gearoid Millar is an active member of the International Studies Association (ISA) for over 10 years. ISA is an interdisciplinary association dedicated to understanding international, transnational and global affairs, across various sectors: academics, practitioners, policy experts, private sector workers and independent researchers. | <https://www.isanet.org/ISA/About-ISA> |
| Thomas Muinzer | Law | 10, 13, 16 | Dr Muinzer’s academic research focuses most pointedly on the Low Carbon Transition, with particular reference to climate law and governance and issues around decarbonisation of the energy sector. He has interests in constitutional law, human rights protections, and the safe and responsible governance of energy and the environment. | <https://www.abdn.ac.uk/people/thomas.muinzer> |
| Phyo Myint | Applied Health Sciences | 3, 11 | Phyo Myint has updated that a report is published with Royal College of Psychiatrists and for Prescribing Observatory for Mental Health (2024). QI programme 22a: The use of medicines with anticholinergic (antimuscarinic) properties in older people’s mental health services. The report cites Aberdeen research (Hanlon P et al) and Myint was an expert advisor in the report’s production. | <https://abdn.elsevierpure.com/en/publications/prescribing-observatory-for-mental-health-2024-qi-programme-22a-t> |
| Craig Ramsay | Applied Health Sciences | 3 | Craig Ramsay conducted a 16-country review of global best practice in dental services in response to COVID-19 pandemic, to provide guidance for countries reopening or planning to reopen dental services as part of an exit from lockdown strategy. The rapid review was undertaken to assist policy and decision makers in producing comprehensive national guidance for their own settings | <https://www.cochrane.org/news/cochrane-oral-health-presents-summary-recommendations-re-opening-dental-services> |
| Jane Reid | Biological Sciences | 13, 15 | Jane Reid is working on an international research project to understand changing seabird populations in response to increasingly extreme seasonal weather conditions. Researchers from Aberdeen and the Norwegian University for Science and Technology (NTNU), will try to predict how wild populations will evolve in response to increasing frequencies of extreme winter storms. | <https://www.abdn.ac.uk/news/23040/> |
| Wendy Russell | Rowett | 3, 13 | **Wendy Russell is Committee Member of the Royal Society of Chemistry Food Group which** aims to promote the role of chemistry in food and enable transfer and sharing of information and networking between academia and the food industry. This includes analytical, biochemical, chemical, physical, nutritional and toxicological aspects of food and food ingredients and the composition and relationships between structure and functionality throughout the entire food chain in a way to enhance sustainability and food and nutrition security. RSC has over 54,000 members across the world, an internationally-renowned not-for-profit publishing and knowledge business, and a reputation as an influential champion for the chemical sciences. | <https://www.rsc.org/Membership/Networking/InterestGroups/Food/index.asp?e=1> |
| Nick Schofield | Geology and Geophysics | 12, 15 | Studies led by University of Aberdeen geologist, Dr Nick Schofield have been at the forefront of allowing the industry to understand the challenging geology that lies beneath the seabed around the UKCS, particularly in relation to buried ancient volcanic landscapes. | <https://www.abdn.ac.uk/stories/unearthing-potential/> |
| Beth Scott | Biological Sciences | 7, 14 | Professor Beth Scott from the University of Aberdeen was one of the contributing authors to a new report for the European marine Board that outlines the main gaps in our knowledge that could prevent the offshore renewable energy sector from developing in a sustainable, equitable and responsible manner | <https://www.abdn.ac.uk/news/16906/> |
| Jo Smith | Biological Sciences | 2, 12, 13, 15 | The South Asian Nitrogen Hub includes research on how to improve nitrogen management in agriculture and investigates how nitrogen is impacting our ecosystem. Aberdeen researchers including Jo Smith are working with South Asian governments to further develop the policy conversation on nitrogen management in the region. | <https://sanh.inms.international/partners/universityofaberdeen> |
| Pete Smith | Biological Sciences | 1, 2, 6, 7, 12, 13, 15 | Pete Smith’s research projects working towards best practice for sustainable agriculture include but are not limited to:   * Climate Neutral Farms – Clienfarms, European Commission, 2022-2025 * Greenhouse Gas removal Plus (GGR+): Sustainable Treescapes Demonstrator and Decision Tool, A Hastings, P Smith, BBSRC, 2021-2025 * GCRF South Asian Nitrogen Hub (Lead by CEH), J Smith, A Price, P Smith, J Travis, EPSRC, 2019-2024 | <https://www.abdn.ac.uk/people/pete.smith#research> |
| Chris Soulsby | Geography & Environment | 6, 11, 13, 15 | Chris Soulsby is a member of the International Association of Hydrological Sciences Prediction in Ungauged Basins Initiative - UK Working Group. | <https://www.abdn.ac.uk/people/c.soulsby> |
| Trevor Stack | Language, Literature, Music, Visual Culture | 16 | Trevor Stack is the Director of The Centre for Citizenship, Civil Society, and Rule of Law (CISRUL) which studies the life in the world of political concepts. The interdisciplinary Centre examines how political principles function within and beyond the contemporary West. Concepts such as citizenship, civil society, and the rule of law are used as often by policy makers as by scholars. Core to CISRUL’s mission is informing academic and public debate on how they are used, and to what effect. Collaboration with the POLITICO International Expert Advisors (IEA) meet annually and review the overall progress of the programme. | <https://cisrul.blog/> |
| John Swinton | Divinity | 3 | John Swinton in the European Society for the Study of Theology and Disability seeks to stimulate and support theological reflection on the lives of people with disabilities and their families. The Society brings together people who are committed to support the increasing participation of people with disabilities in Christian communities and in society at large through their research and writing. | <https://www.faithability.org/resource/european-society-for-the-study-of-theology-and> |
| Paul Thompson | Biological Sciences | 14 | At the beginning of June, QUADRAT DTP second year students from University of Aberdeen and Queens University Belfast reunited in Courmayeur, Italy to spend the week together to learn more about glaciology. QUADRAT DTP is a partnership between the University of Aberdeen and Queen’s University Belfast that offers studentships that cover themes including Biodiversity, Earth Systems and Environmental Management. | <https://www.abdn.ac.uk/sbs/blog/attending-courmayeur-italy-with-quadrat-dtp/> |
| David Toke | Politics | 7 | David Toke has led the formation and campaigns associated with 100percentrenewableuk | <https://100percentrenewableuk.org/> |
| Shaun Treweek | Applied health Sciences | 3, 10 | Prof Treweek leads Trial Forge, an organisation collaborating with academic and clinical centres, and with NGOs. The aim of Trial Forge is to provide evidence on how to improve trial process and efficiency – Treweek leads the Trial Forge INCLUDE Ethnicity Framework as part of the NIHR INCLUDE initiative for best practice in trial delivery for under-served groups. The Ethnicity Framework aims to help trial teams to think carefully about which ethnic groups should be included in their trial for its results to be widely applicable and the challenges that might exist in making this possible. | <https://www.trialforge.org/> |
| Jie Wu | Business Management | 1, 9 | Professor Jie Wu is Professor in Strategy & Entrepreneurship at University of Aberdeen Business School, University of Aberdeen, UK. His research focuses on status and inequality, culture and institutions, innovation, internationalization, entrepreneurship etc.  Professor Wu is the Co-Director of the [Africa-Asia Centre for Sustainability Research](https://www.abdn.ac.uk/business/research/africa-asia-centre-for-sustainability.php), launched in 2021. | <https://www.abdn.ac.uk/business/research/africa-asia-centre-for-sustainability.php#panel680> |
| Zeray Yihdego | Law | 16 | * Member of the United Nations Expert Group on the Firearms Protocol which supplements the UN Convention against Transnational Organised Crime 2000. * Consultant, UN Office on Drugs and Crime (UNODC).   Professor Yihdego participates as a Principal Investigator in a 5.5 million Euro EU funded multidisciplinary research project concerning the governance of the Zambezi and Omo river basins <http://dafne-project.eu/> and collaborates on various projects with law experts, economists, hydrologists, environmental and political scientists and policy experts that are working in Africa, Europe and the US. | <http://dafne-project.eu/>  <https://cordis.europa.eu/project/rcn/203272/factsheet/de> |