



NWH Research and Knowledge Exchange

Institutional development - Regional impact – Global connection

Quarterly Report: March – May 2025

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INTRODUCTION

The NWH Research and Knowledge Exchange Quarterly Report provides an update on Research and KE activity across NWH. It is not intended to be comprehensive; but rather give a representative picture of the range and diversity of research and knowledge exchange being undertaken across the institution while highlighting initiatives, outputs and impacts where appropriate.

To ensure consistency and to mitigate excessive reporting burden, the same report is circulated to a number of groups and interested parties i.e., to act as a 'single point of truth' that can be used and shared with confidence. The report will be circulated to:

- NWH Research and Knowledge Exchange Staff
- NWH Communication team
- NWH Executive
- NWH Highland Board of Management
- UHI Dean of Research and Knowledge Exchange

Certain sections of the report are relevant to Committees of the NWH Highland Board of Management. These are as follows:

- Finance and General purposes Committee – Activity Reports and Outputs
- Learning Teaching and Research Committee -

The report is produced on a quarterly basis according to the following schedule:

Period covered	Circulation
September to November	December
December – February	March
March - May	June
June – August	September

A new reporting format, incorporating the Key Performance Indicators (KPIs) from the new Research and KE strategy will be used from August 1st 2025

ACTIVITY REPORTS

Theme	Energy
Highlights	<ul style="list-style-type: none"> Benjamin Williamson and Christine Anderson submitted a bid to the Clean Maritime Demonstration Competition for a £310k pilot (£50k to NWH) to develop a clean maritime technician scheme, integrating curriculum across renewable energy, hydrogen, and maritime studies with Orbital Marine Power, the European Marine Energy Centre and Leask Marine in Orkney, as part of UHI Energy Innovation. Christine Anderson led submission of a £43k proposal to ClimateXChange to evaluate the Scottish Carbon Neutral Islands Initiative as part of UHI's Net Zero Hub. Jason McIlvenny and Benjamin Williamson are developing collaborations with Thistle Offshore Wind Partners and West of Orkney Wind Farm to explore metocean data and instrumentation supply. Stephanie Strother and Benjamin Williamson presented ERI Energy research capabilities to Chester University in a workshop on 29 April, and to Wick and Scrabster Harbour Trusts on 24 April 2025. Nicholas Petzinna completed his PhD viva for a thesis titled "Using multibeam sonar to monitor animal behaviour and environmental interactions at marine renewable energy sites" Benjamin Williamson was appointed as an Adjunct Member of Dalhousie University Department of Mechanical Engineering, Faculty of Graduate Studies, to develop wider research partnerships.
Current major projects/initiatives (select; with partners + funders) - examples	
<ul style="list-style-type: none"> The PREDICT project on predicting seasonal movement of marine top predators using fish movements and autonomous platforms was submitted as a use case to the Responsible Renewable Initiative, part of the World Economic Forum, and presented internally to Ørsted's global network of renewables staff. Research into physics-to-ecosystem level effects of offshore wind in the PELAGIO project was presented by Julie Salvetat at the International Council for the Exploration of the Sea (ICES) Working Group on Fisheries Acoustics, Science and Technology, and discussed with collaborators at the US National Oceanic and Atmospheric Administration (NOAA) and the Belgian Vlaams Instituut voor de Zee (VLIZ). Preparations for the EQUIFY 2025 field campaign 'Establishing a Framework for Quantifiable Evidence and Impact of Ecosystem Change Throughout the Lifecycle of UK Floating Offshore Wind Farms' are targeting the first ambitious multi-ship, glider and mooring campaign around Kincardine floating wind farm. Analysis from the multi-year passive acoustic array recovered from the Hywind Scotland floating windfarm is continuing in the IFLOW project and Caitlin Harris had her first lead-author peer-reviewed paper published in Marine Pollution Bulletin titled "<i>Ecological impacts of floating offshore wind on marine mammals and associated trophic interactions: current evidence and knowledge gaps</i>". The KTP with Ocean Science Consulting (OSC) to develop new integrated system for marine mammal mitigation from offshore developments has completed, with the Associate Petros Hadjichristodoulou securing employment as OSC's Head of Research and Development. The 3-year KTP with the European Marine Energy Centre (EMEC) to advance techniques for environmental monitoring of marine renewable energy is in the phase of Associate recruitment. The Supergen Offshore Renewable Energy Hub project to advance monitoring of floating tidal stream turbines has been confirmed to start 1 June 2025, with initial data collection underway. 	

Theme	Pollution
Highlights	
<ul style="list-style-type: none"> Lydia Niemi and Mark Taggart hosted a 2nd workshop at Dundreggan Rewilding Centre for the “Culture Vultures” KE Challenge fund project to co-develop project activity, with UHI Inverness, RSPB, Bird Conservation Nepal and other international participants from Nepal. PhD student Anna McWilliam has been undertaking her STSM (Short Term Scientific Mission) within the SafeGameMeat EU COST action. Anna is spending (from March-June 25) her time at Aarhus University in Denmark to undertake a literature review of contaminants in European game meat (with Dr Niels Kanstrup). Mark Taggart has also taken over as WG3 co-lead for the COST Action – with WG3 focussed on chemical contaminants in EU game meat. Szabolcs Pap won the ‘UHI Student and Staff Enterprise Competition’ and was one of the awardees for the ‘UHI Business Competition’ (Best Culture and Environment Award). These will build towards the possibility of ‘spinning-out’ a company which will provide modular water treatment/nutrient recovery solutions. Szabolcs Pap, Mark Taggart, Stuart Gibb and Darlene Russell have been shortlisted for the CONVERGE KickStart Challenge. In the next phase the team needs to develop a 6-page business plan for their future spin-out company (by the end of July 2025). Steph Griffiths, Neil James and Elizabeth Masden held discussions with BTO regarding a collaboration on Orkney. The proposed work will use camera traps to assess variation in nest incorporation of plastic debris by Great Cormorants (<i>Phalacrocorax carbo</i>), with the aim of linking this to breeding success. Neil and Steph also met with Caithness Beach Cleans to explore KE opportunities and potential collaboration around the presence/impact of plastics in the environment. Neil James has been invited to host a session at the Interreg NPA 25th Anniversary Conference, to be held in Norway in October 2025. The session will trace learning across ERI NPA-funded projects — from Circular Ocean, Blue Circular Economy, CIRCNETS and POPCORN — highlighting how each built on the last to strengthen innovation, influence policy, and promote circular economy solutions to marine plastic pollution. 	
Current major projects initiatives (select; with partners + funders) – examples	
<ul style="list-style-type: none"> Lydia Niemi, Mark Taggart, and Stuart Gibb are working with SAMS on the Stage 2 submission of the PharmaCal proposal for the UKRI cross-research council call (£1.2M, 2 yrs). Lydia Niemi, Mark Taggart and Stuart Gibb are preparing the Stage 2 submission of the PhRESHWater proposal for the UKRI cross-research council call (£1.2M, 2 yrs), working with the OHBP and collaborators. The CO-OP CIF2 project with SAMS and SRUC continues. ERI has developed some new composite materials using a mix of biochar and shell waste – for use in P adsorption. These new materials will be tested at SRUC in plant growth trials over the summer of 2025. Szabolcs Pap received and responded to positive reviews for his £2.3M 5-year “EPSRC Fellowship” to UKRI, entitled “Chasing sustainability and net zero in the water sector: Processing biosolids into biochar (CassioPeia)” in May 2025. A first-round decision is expected in July. Mark Taggart and Szabolcs Pap are completing the Interface Innovation Voucher with Russwood Ltd on “Process innovation to treat challenging wastewater from the wood coatings sector”. A novel water treatment process has now been developed and is being tested. 	

Theme	Peatlands
Highlights	
<ul style="list-style-type: none"> Roxane Andersen's proposal "<i>What happens to millenia of mercury pollution in peatlands under global warming?</i>" to the Pushing the Frontiers UKRI call is approved for funding by NERC and will start in January 2026. Lewis Robertson secures planning permission and begins the restoration trials, delivers the first "GIS training for peatland" to 20 attendees in March, funded by Peatland ACTION and completes a taxonomy training in Canada, where he also presented the KTP project to >100 members of the Quebec Whisky Society Roxane Andersen and Liam Godwin lead sessions at the UHI's Integrated Land Use Conference in Carrbridge in March Jake Tuuli published his first peer-review paper, titled: <i>A simple method for generating long-term Holocene climate data with future climate projections from meteorological observation data.</i> Robert McHenry is awarded NWH UHI Post-Grad Student of the year 	
Current major projects initiatives (select; with partners + funders) – examples	
<ul style="list-style-type: none"> Leverhulme Leadership Award (2020-2025) The project team enters the final 6 months of the project during which a final experiment is planned as part of WP1 (Sphagnum under stress). The three PhD students (Callum Thompson, Jake Tuuli and Sam Webber) approach submission. MOTHERSHIP (2025-2027, UKRI Large Grant, lead JHI) The project team met for the annual meeting (online) and is progressing the implementation of a peatland representation in the JULES model. KTP Highland Park (Innovate UK) - Lewis Robertson has registered for an MRES degree as part of the KTP, which is on track and already delivering benefit for Highland Park including clearing the compliance checks on air and water quality, innovating with new restoration trials and securing planning permission for further trials. KTP RWE (Innovate UK) - the project team is working on the agreement, which is required before recruitment can begin for the associate 	

Theme	Tourism
Highlights	
<ul style="list-style-type: none"> • Steve Taylor and research associate Lalith Welamedage are partners in a new three-year, World Bank-financed project to develop community-led ecotourism development in Cambodia. • Katie Murray and Steve Taylor are partners in a new Innovation Voucher project exploring cultural heritage interpretation on the island of Bressay (led by UHI Shetland). • Steve Taylor is a partner in a UHI-led project funded through the National Centre for Remote and Rural Health and Care, exploring the role of care farms in helping people with Dementia and their families. • Steve Taylor is a partner in a supplementary project funded through the One Health, Tourism and Land & Communities sector group's challenge fund. • Kendra Turnbull has undertaken a project funded through the Tourism sector group challenge fund with GoGolspie on the development of cultural heritage interpretation and social media. • Alan Fleming, Lesley MacKay and Steve Taylor are partners in a UHI-led project funded through the One Health and Tourism sector group's challenge fund, exploring how golf can be used to help people with Dementia and their families. • Katie Murray, Kendra Turnbull and Steve Taylor are partners in a UHI Inverness-led, National Lottery Heritage Fund project (along with Robert Gordon University) exploring the influential role of Charles Fraser-Mackintosh on 19th century Highland life. • Steve Taylor attended a networking event on tourism resilience at the Breda University of Applied Sciences in the Netherlands, as part of a trans-national project to develop major funding applications that address tourism-related societal challenges. • Peter White has concluded a Student Innovation Voucher funded phase of the Collective Knowledge project, looking at improving safety knowledge, sharing, and communication throughout the UK outdoor adventure activity sector. They are actively looking at a follow-on to the project with implementing a UK-wide Participation and Incident snapshot survey from the beginning of 2026. 	
Current major projects initiatives (select; with partners + funders) – examples	
<ul style="list-style-type: none"> • Kendra Turnbull and Steve Taylor are associate partners in RETURN - Regenerative Economic Transfers for Universal Resilience in the North, which has a budget of £1.6 million for partners in Finland, Sweden, Iceland, Ireland, Norway, the Faroe Islands and Greenland. They recently attended the kick off meeting in Iceland and now working to secure some funding to enable fuller participation. 	

Theme	Education
Highlights	
<ul style="list-style-type: none"> • 	
Current major projects initiatives (select; with partners + funders) – examples	
<ul style="list-style-type: none"> • 	

Theme	Society
Highlights	
<ul style="list-style-type: none"> Lydia Niemi and Stuart Gibb are preparing the Stage 2 submission of the PhRESHWater proposal for UKRI cross-research council call (£1.2 Mil, 2 yrs), working with OHBP and collaborators. Lydia Niemi led a proposal for a CREW capacity-building project “Economic, societal and public health benefits of improving water quality at bathing water sites in Scotland”, with Neil James, Stuart Gibb and staff from UHI Inverness and the Centre for Rural Health Sciences (£62k, 6 mo) Lydia Niemi submitted a proposal for the RSC Researcher Collaboration Grant (£4k, 12 mo) to support mobility and engagement with collaborators at Uppsala University. Lydia Niemi attended the Scottish Life Sciences Universities Association (SULSA) general meeting and sits on the SULSA ECR committee representing UHI. 	
Current major projects initiatives (select; with partners + funders) – examples	
<ul style="list-style-type: none"> Lydia Niemi, Neil James and Stuart Gibb wrapped up the One Health Hydro Nation project (Scottish Government funded) with One Health Breakthrough Partnership partners – SEPA, Scottish Water, CREW, NHS Highland. Funding from 2020-25 enabled coordination, capacity-building and delivery of activity investigating pharmaceutical pollution and sustainable healthcare. Lydia Niemi and Stuart Gibb completed the Scottish Government Test & Learn project “Bridging Waters” with Uppsala University and Swedish collaborators across the healthcare, water and environment sectors. Collaborators visited NWH campuses and staff and external partners in March 2025. 	

Theme	Other
Highlights	
<ul style="list-style-type: none"> University of Pretoria student Lauren Coertze completed her MEng-by-research thesis entitled “Bubble growth on nanocoated microwires” under the lead supervision of Marilize Everts, supported by UHI lecturer Roy Bartle. Articles: Edward Graham (May 2025), What is a Cloud? Natural History, 8pp. Edward Graham (April 2025), Head in the Clouds, Boundless, 2pp: https://www.boundlessmagazine.com/p/head-in-the-clouds?utm_medium=web 	
Current major projects initiatives (select; with partners + funders) – examples	
<ul style="list-style-type: none"> Edward Graham - Successful completion of Department for Science, Innovation & Technology, Tactical Fund (Dec 2024 -March 2025); Astronomical Site Testing in Kenya (£100k) DARA (Development of Radio Astronomy in Africa) 2024-2027 (£6.7m) continuing... 	

OUTPUTS

Peer-reviewed publications Citation with NWH authors in bold	Journal Impact Factor
Tuuli, J., Baird, A.J., Young, D.M., Duncan, A. and Andersen, R. , 2025. A simple method for generating long-term Holocene climate data with future climate projections from meteorological observation data. <i>MethodsX</i> , 14, p.103265.	1.7
Large, D., Bradley, A., Islam, T., Mitchell, E., Dryden, I., Fallaize, C., Andersen, R. and Marshall, C. (2025) NatureScot Research Report 1344 - Use of satellite measures of surface motion to improve the assessment of peat landslide susceptibility	N/A
C. Harris , S. Benjamins, B. Scott, B.J. Williamson (2025). Ecological impacts of floating offshore wind on marine mammals and associated trophic interactions: current evidence and knowledge gaps, <i>Marine Pollution Bulletin</i> . http://doi.org/10.1016/j.marpolbul.2025.118059	5.3
Pap, S. , Karmann, C., Thompson, T. , McConnell, R., Kennedy, T., Taggart, M.A. , 2025. Insights into phosphate removal and recovery from wastewater using biosolids biochar: Pyrolysis optimisation, mechanistic and column studies. <i>Journal of Water Process Engineering</i> , 75, 107954. https://doi.org/10.1016/j.jwpe.2025.107954	6.3

Books / book chapters

Edward Graham (2025), *Clouds: How to Identify Nature's Most Fleeting Forms*, Princeton University Press. ISBN: 9780691262482. Published: Apr 22, 2025, Pages: 224
<https://press.princeton.edu/books/hardcover/9780691262482/clouds>

Conference/event presentations	Poster / podium / invited
Andersen, R. , Peatland resilience in the context of climate extremes and land use change: lessons learned in the Flow Country. British Ecological Society Peatland and Wetland Special Interest Group. Workshop, London, May 6 th 2025.	Keynote
Edward Graham (2025), Smithsonian Associates, 29 May 2025, Washington DC. Invited Lecture: <i>Identifying the Clouds</i> , Thursday, May 29, 2025 - 12:00 p.m. to 1:15 p.m. ET	Invited
Farkic, J., Taylor, S. & Konu, H. Towards resilient leisure, tourism and hospitality ecosystems in Europe: Resilience, regeneration & wellbeing. RTEL Research Symposium, Breda. May 27 th .	Invited
Turnbull, K. & Taylor, S. Exploring Scotland: The Visitor Levy Journey. Explore, Protect, Connect, Return Workshop, Reykjavik, May 21 st .	Invited
Julie Salvetat , Beth Scott, Juliane Wihsgott, Charlotte Williams, James Waggitt, Rory O'Hara Murray, Jeroen Van Der Kooij, Benjamin Williamson . Bridging the gap in fish data time series in offshore wind farm wake areas using seabed multi-instrument platforms. International Council for the Exploration of the Sea (ICES) Working Group on Fisheries Acoustics, Science and Technology.	Podium

Szabolcs Pap attended the IBioIC 11 th Annual Conference, on the 12-13 th , at the Technology and Innovation Centre, Glasgow.	Invited
Szabolcs Pap attended the SAGES 2025 Annual Science Meeting, from 21 st to 22 nd May 2025, University of Stirling, Stirling.	Podium
Anna McWilliam presented at the EGU25 conference in Vienna, 27 April–2 May 2025, on “Science chasing industry: Is this novel technique as good as it seems?”.	Podium
Anna McWilliam presented her Short Term Scientific Mission (STSM) at the SafeGameMeat conference on “Collation and assessment of data and risks posed by chemical contaminants in game meat” in Porto, 26 – 28 May; and at Aarhus University on both her PhD “Innovative brash management to enhance water quality following peatland restoration and forestry operations” and the STSM on the 3 rd of June.	Podiums
Mark Taggart presented at the 1 st COST Action SafeGameMeat conference on “Will the UK (eventually) transition away from Pb ammunition use for game shooting?” - in Porto, 26 – 28 May. Mark also took over project co-leadership of WG3 whilst at the conference.	Podium
Praveen Teleti and Liam Godwin present their research at the European GeoScience Union conference in Vienna in April 2025	Podium

Media coverage

C. Harris, S. Benjamins, B. Scott, B.J. Williamson (2025). Ecological impacts of floating offshore wind on marine mammals and associated trophic interactions: current evidence and knowledge gaps, Marine Pollution Bulletin.

<http://doi.org/10.1016/j.marpolbul.2025.118059>

- Energy Live News <https://www.energylivenews.com/2025/05/19/what-will-floating-windfarms-do-to-marine-life/>
- John O’Groats Journal <https://www.johnogroat-journal.co.uk/news/thurso-research-into-floating-offshore-wind-aims-to-protect-383036/>
- Electricity Info <https://electricityinfo.org/news/floating-wind-275/>
- The Orkney News <https://theorkneynews.scot/2025/05/23/offshore-wind-development-the-impact-on-marine-species/>
- No2NuclearPower: <https://www.no2nuclearpower.org.uk/news/floating-wind-20-5-25/>
- Caithness Courier: print only
- UHI North, West and Hebrides: <https://www.nwh.uhi.ac.uk/en/news/key-considerations-for-understanding-impact-of-floating-offshore-wind-on-marine-mammals-published-.html>

Converge 2025

- UHI North, West and Hebrides: <https://www.nwh.uhi.ac.uk/en/news/uhi-innovators-join-scotlands-top-academic-entrepreneurs-in-converge-2025.html>
- The Highland Times: <https://thehighlandtimes.com/bright-futures-ahead-as-uhi-talent-joins-scotlands-innovation-vanguard/>

Various coverage occurred around 2 articles published on Pb ammunition by the Pollution team/Mark Taggart in March:

- The Guardian: <https://www.theguardian.com/environment/2025/mar/06/lead-uk-game-shooting-study>
- MSN News: <https://www.msn.com/en-gb/news/world/promise-to-phase-out-lead-from-uk-game-shooting-has-failed-study-finds/ar-AA1A1JLx>

- Business Journal: <https://business-journal.in/united-kingdom/promise-to-eradicate-lead-from-uk-online-game-capturing-has-really-fallen-quick-analysis-discovershunting/>
- AOL: <https://www.aol.co.uk/news/promise-phase-lead-uk-game-060021405.html?guccounter=2>
- Yahoo News: <https://www.aol.co.uk/news/promise-phase-lead-uk-game-060021405.html?guccounter=2>
- PhyOrg: <https://www.aol.co.uk/news/promise-phase-lead-uk-game-060021405.html?guccounter=2>
- John O’Groats Journal: <https://www.johnogroat-journal.co.uk/news/thurso-researchers-in-study-over-failed-lead-shot-pledge-376446/>
- University of Cambridge news website: <https://www.cam.ac.uk/research/news/pledge-to-phase-out-toxic-lead-ammunition-in-uk-hunting-by-2025-has-failed>
- Interesting and related spoof of subject: <https://raptorpersecutionuk.org/2025/02/11/the-toxic-restaurant-spoof-video-highlighting-toxic-lead-ammunition-sends-basc-into-meltdown/>

A press release on the new functionality implemented in the ‘Origin’ instrument used for assessing marine life interactions around offshore wind farms was issued with **Sonardyne** ahead of launch of the technology at the Ocean Business Conference 2025. Benjamin Williamson delivered an invited presentation at Sonardyne on 20 May, building on the PhD research with Chloe Turner-Dockery.

Press Interviews

- Interview with Edward Graham in *Sky & Telescope* (March 2025) - Astronomy in a Changing Climate: SCIENCE & SOCIETY by Javier Barbuzano.
- Eddy on *WeLoveStornoway* 8 April 2025: <https://welovestornoway.com/index.php/articles/38021-eddy-unravels-mysteries-and-magic-of-clouds>
- Newspaper report quoting Edward Graham (interview) on hot, dry weather <https://www.thenational.scot/news/25170525.scottish-weather-warm-scotland-may/>

STAFF AND PGR STUDENTS

Staffing

Staffing section will be completed from 1 August 2025 including KPIs on:

- Number of staff on research contracts
- No of research active staff (assessment methodology under development)
- Number of staff in last Research Excellence Framework

Postgraduate Students

(to be updated by Directors of Studies)

	30 November 2024	28 February 2025	31 May 2025
Postgraduate Research Student numbers (PGR, at time of report)	12		13
PGR completed in 24-25	2		

Degree	Funder	Start date	End Date	Status	DoS	Additional NWH Supervisors
PhD	SSER/RSPB	01/09/2022	31/08/2025	Ongoing	Roxane Andersen	Chris Marshall
PhD	MASTS SUPER DTP	01/10/2019	31/03/2024	complete	Roxane Andersen	Paul Gaffney
PhD	MASTS SUPER DTP	01/10/2020	31/03/2024	Ongoing	Benjamin Williamson	
PhD	MASTS SUPER DTP	01/10/2020	31/09/2024	Ongoing	Peter Gilbert	Roxane Andersen
PhD	Lever-hulme	06/09/2021	05/03/2025	Ongoing	Roxane Andersen	Mascha Bischoff
PhD	Lever-hulme	06/09/2022	05/03/2025	Ongoing	Roxane Andersen	
PhD	Lever-hulme	13/09/2021	12/03/2025	Ongoing	Chris Marhsall	Roxane Andersen
PhD	Hydro-Nation	01/10/2021	30/09/2025	Ongoing	Mark Taggart	Paul Gaffney
PhD	RSPB	02/02/2022	01/09/2026	Ongoing	Roxane Andersen	
PhD	MASTS SUPER DTP	01/09/2022	31/03/2026	ongoing	Benjamin Williamson	
PhD	Self-funded	01/11/2021	31/10/2024	Ongoing	Steve Taylor	Michelle Smith
PhD	UHI	01/02/2024	31/07/2028	ongoing	Benjamin Williamson	Jason McIlvenny, Lucy Mitchell
PhD	ETP/UHI	01/03/2024	31/07/2027	ongoing	Benjamin Williamson	
ADD others						

Visiting staff and placement students

Name	Staff / student	Home country/ organisation (Programme if applicable)	Dates (Length of visit/ placement)	Project title	NWH Theme
Recently completed /current					
Cléa Desquesnes	Student	SeaTech at the University of Toulon in France.	22 April – 28 August 2025	Marine Sensing Techniques	Energy

RESEARCH AND KE FUNDING APPLICATIONS

A summary of the applications contributing to the NWH Research and KE 'pipeline' is provided in the table below.

Please note:

- New proposals submitted within this reporting period (March 2025 to May 2025) are shown in lines 475 onwards
- The status of pending proposals is 'dynamic', but the table reflected the position as of 31/05/2025
- Proposals under negotiation, or subject to resubmission, may be subject to changes in value
- Proposals submitted of value less than £5k are not included
- Intervention rates vary per project, as does the monthly euro conversion rate used by EU Projects

In the meantime, we continue to explore new funding opportunities, including those in partnership with external universities, research institutions, businesses, and stakeholders.

General comments

- Outline proposals which are under development or at stage one (expression of interest) will not be shown on the pipeline until the Advanced Notification Forms (ANF) have been submitted to ELT for approval, based on draft budget and clear date for submission. Those ANF which are awaiting amendment/ update will be considered 'in progress'.
- Challenge funding and Innovation Voucher funding (small grants) is increasingly being used to build collaborations and provide a 'stop gap' for activity previously funded through EU or Scottish Government.
- Where projects are of short duration and/ or all funding received in 24_25 Financial Year these are shown on the pipeline as complete.

EOI Number	proposal/theme		overall project value	NWH component	% likelihood of success	Duration (months)	Funder	% FY 24_25	%FY25_26	Status
applications submitted Sep to Nov 2023		ERI/NWH								
406	Offshore Ocean Wind Demonstrator	ENERGY	250,000	250,000			industry			unsuccessful
407	Mountain Epistemes and Justice	TOURISM	600,000	45,000	10	36	AHRC	33	33	secured
408	Healthy Young minds	TOURISM	80,000	5,000	25	18	public health intervention	25	50	secured
applications submitted Dec 2023 to Feb 2024		NWH								
413	review of wildfire risk	PEATLANDS	16,000	16,000		6	SSER			complete
414	EU_Be_SMART	PEATLANDS	7,500,000	560,000			Horizon Europe_biodiversity			unsuccessful
415	Corpach Marina	TOURISM	14,000	10,000		3	innovation voucher			complete
applications submitted March to May 2024		NWH								
422	Multiple stressors on wildfowl_Phd	ENERGY	110,000	91,700	10	44	ECOWILD CDT	33	33	secured
425	adventure activities Glencoe_Tourism	TOURISM	14,000	7,000			UIF/UHI			complete
429	OHBP phase 3	SOCIETY	74,000	74,000	50	11	Scottish Government	100		secured
430	remote tracking of seabirds phase 2	ENERGY	3,000,000	30,000	50	18	OWEC/crown estate	20	80	secured
431	Western Edge	TOURISM	17,460	8,900		3	Innovation voucher			complete
432	Phosphorus speciation_biochar	POLLUTION	19,000	12,500		3	IBioIC			complete
433	tourism in Glenurquhart	TOURISM	18,000	5,700	50	5	Innovation voucher	100		secured
434	Learning from Island Communities	EDUCATION	300,000	25,000			AHRC			unsuccessful
435	Resilient Tourism in Europe	TOURISM	180,000	13,500	25	24	Dutch SIA	25	50	secured
436	Anti microbial resistance in rural waters	SOCIETY	4,000,000	400,000			Peaceplus			unsuccessful
437	Connect4Flow	ENERGY	2,000,000	218,000			UKRI ECOFLOW			unsuccessful
438	Ecosystem change	ENERGY	2,950,000	550,000	25	48	UKRI ECOFLOW		25	secured
Applications submitted June to August 2024		NWH								
439	Monitoring healthy ecosystems	PEATLANDS	72,000	30,000			CREW			unsuccessful
440	Adapting outer Hebrides_climate	ENERGY	2,000,000	400,000			UKRI/DEFRA			unsuccessful
441	KTP EMEC	ENERGY	305,250	255,000	50	36	Innovate UK		40	secured
442	Mercury, Peatlands and Climate change	PEATLANDS	1,000,000	250,000	10	48	NERC Pushing Frontiers		25	secured
443	Co Pyrolysis for Sewage Sludge_network	POLLUTION	5,000	5,000			Royal Society of Chemistry			unsuccessful
444	tracking top predators_SUPER Phd	ENERGY	80,000	80,000			MASTS SUPER 2			unsuccessful
445	LOCIL NH Innovation centre scoping	SOCIETY	100,000	97,000	25	12	NDA group	50	50	secured
Applications submitted September to November 2024										
446	Bridging Waters_Scotland -Sweden	SOCIETY	31,130	18,428	25	4	Scottish Government	100		secured
447	Clean CHAR_fellowship	POLLUTION	2,000,000	1,500,000	10	60	EPSRC Open Fellowship		20	awaiting outcome
448	Bryden 2 Marine Sensing Phd	ENERGY	165,000	165,000			Peaceplus			unsuccessful
449	Dyke riversalmon	PEATLANDS	30,000	30,000	50	12	NatureScot Peatland Action	30	70	awaiting outcome
450	Sustainable Medicine Use	POLLUTION	600,000	48,000			COST EU			unsuccessful
451	Validating monitoring systems	ENERGY	125,000	97,000	25	12	SUPERGEN Flexfund	25	75	secured
452	Virtual Connections	TOURISM	20,000	20,000			National Lottery			unsuccessful
453	Sustainable Tourism_GURCA	TOURISM	18,000	9,000	50	6	Interface IV		100	awaiting outcome
454	PhRESH water_pharma reduction	SOCIETY	960,000	560,000	10	24	UKRI cross council		25	second stage
455	Explore Lochaber	TOURISM	95,590	70,590			SSE			unsuccessful
456	CO_IMPACT climate resilience	SOCIETY	70,000	65,000			SSE			unsuccessful
457	On the map_NLCA	TOURISM	14,000	7,000	50	6	Interface IV	100		secured
458	Value of marine structures	ENERGY	5,600,000	475,000			UKRI_Artificial Structures			unsuccessful
459	Geophysics in mapping peatlands	PEATLANDS	300,000	300,000			TOTAL			unsuccessful
460	Biochar chasing sustainability	POLLUTION	3,000,000	2,000,000			RAENG Green Futures			unsuccessful
461	PharmaCal	POLLUTION	1,200,000	250,000	10	24	UKRI cross council		25	second stage
462	ROBINSv2	ENERGY	500,000	50,000			UKRI cross council			unsuccessful
463	Plastic flow_peatland	PEATLANDS	950,000	300,000			NERC Pushing Frontiers			unsuccessful
464	Astronomy in Kenya	OTHER	100,000	15,800	50	5	DSIT	100		secured
465	GenMed	POLLUTION	2,000,000	13,000			UKRI applied global health			unsuccessful
466	KTP_RWE_peatlands	PEATLANDS	264,180	209,782	50	24	UKRI Innovate UK		50	secured
467	Russwood water quality	POLLUTION	9,500	9,500	50	4	Interface IV	100		secured
Applications submitted December 2024 to February 2025										
468	Pathways to sustainable OW	ENERGY	4,500,000	320,000			Horizon Europe_CL5			unsuccessful
469	OHBP continuation	SOCIETY/Pollution	74,000	74,000			Scottish Government			unsuccessful
470	Value of marine structures_SAMS	ENERGY	5,600,000	120,000			UKRI Artificial Structures			unsuccessful
471	Chemicals in Biosolids_Phd	POLLUTION	100,000	100,000			UHI_Scottish Water			unsuccessful
472	Peatland condition_Shetland InSAR	PEATLANDS	80,000	17,080			industry			unsuccessful
473	Dementia and Care Farms	TOURISM	9,990	310	25	9	Centre for Rural Health		100	secured
474	Large Heath Butterfly & Peatlands	PEATLANDS	30,000	15,000	50	42	NatureScot Peatland Action		25	awaiting outcome
Applications submitted March 2025 to May 2025										
475	Global Flow Peat	PEATLANDS	100,000	60,000	25	24	UKRI global-seedcorn-fund-2025		25	awaiting outcome
476	WHS reviewing comments_small grant	ENERGY	3,013	3,013	100	3	highland council	100		secured
477	Flocculant optimisation	POLLUTION	4,445	4,445	50	3	challenge fund	100		secured
478	Industrial decarbonisation_pyrolysis	POLLUTION	90,000	50,000			Scot Gov transformation fund			unsuccessful
479	PhD Culture Vulture	POLLUTION	120,000	100,000			UHI Phd			unsuccessful
480	Go Tourism Golspie	TOURISM	17,826	9,626	50	6	Challenge fund +IV	100		secured
481	Dementia and care farms	TOURISM	9,861	620	50	4	challenge fund	100		secured
482	dementia and golf	TOURISM	6,999	310	50	4	challenge fund	100		secured
483	biosensors for diagnostic testing KTP	POLLUTION	10,000	10,000	100	9	KTP transfer from UHI	50	50	secured
484	Bridging Disciplines_pharma pollution	POLLUTION	5,000	5,000			RSC			unsuccessful
485	Offshore Clean Energy skills network	ENERGY	300,000	50,000			UKRI			unsuccessful
486	EU_IBIOPA	PEATLANDS	7,000,000	600,000	10	60	Horizon Europe		10	awaiting outcome
487	Natural Capital and River Basins	PEATLANDS	80,000	30,000			CREW			unsuccessful
488	Water quality and Bathing Waters	POLLUTION	62,000	40,000			CREW			unsuccessful
489	One health Hydro Nation Partnership	POLLUTION	3,500,000	300,000	25	72	Hydro Nation Chair R & I		15	awaiting outcome
490	PeatFire	PEATLANDS	950,000	150,000	10	36	UKRI pushing frontiers		0	awaiting outcome
491	Stories of Hynish	TOURISM	2,600	2,100	50	2	challenge funding	100		secured
492	CFM -gaelic	TOURISM	6,900	1,428	25	12	Bord Na Gaidhlig		100	awaiting outcome
493	Decarbonising Scotland's Islands	ENERGY	50,000	24,000	10	6	ClimateXchange	10	90	awaiting outcome
494	Evaluating Gull Management Programme	ENERGY	8222	4796	50	1	Inverness BID	100		awaiting outcome
NB* Intervention rates vary e.g. NERC 80%. The budget shown is the total for the project										
NB**gaps in sequence indicate where unsuccessful proposals were shown on previous update										
Projects completed / income received are marked as complete										