



Durham
University

Durham Energy Institute



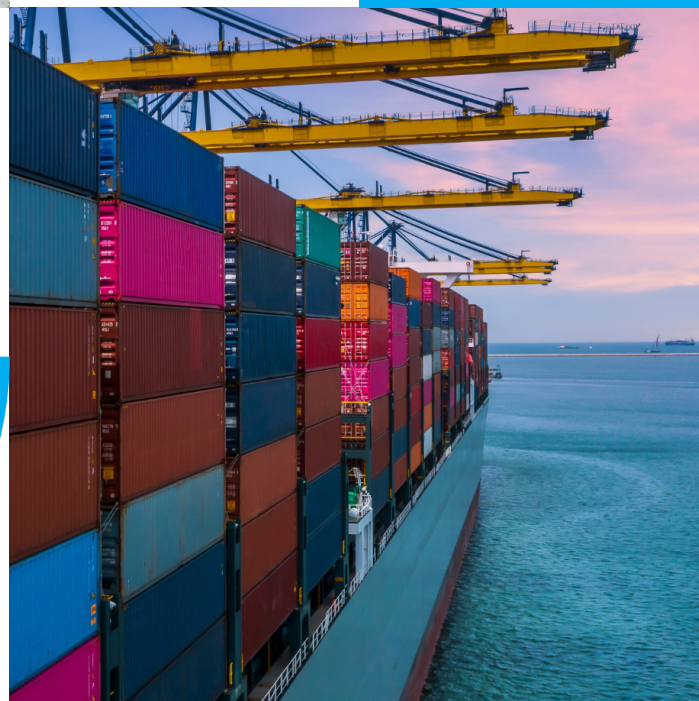
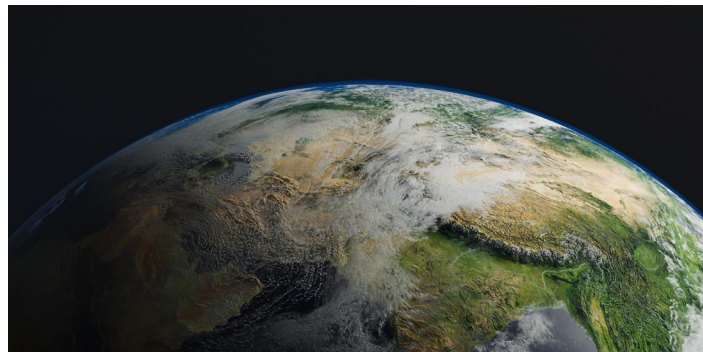
Durham Energy Institute Energy, Science and Society

Director of the Durham Energy Institute (0.5 FTE)
& Ørsted Chair in Green Energy Systems (0.5 FTE)

September 2023



Energy, Science and Society



The Durham Energy Institute's pioneering socio-technical specialisation is fostered through collaborative working between departments at Durham University.

Our researchers lead numerous national and international knowledge networks and work with a broad spectrum of commercial and third sector partners. This degree of integration enables a whole systems perspective towards energy issues, applying integrated thinking and cross-functional teams to the world's urgent decarbonisation agenda.

The Ørsted vision is a world that runs entirely on green energy. Ørsted develops, constructs, and operates offshore and onshore wind farms, solar farms, energy storage facilities, renewable hydrogen and green fuels facilities, and bioenergy plants. Ørsted is recognised on the CDP Climate Change A List as a global leader on climate action and was the first energy company in the world to have its science-based net-zero emissions target validated by the Science Based Targets initiative (SBTi). Headquartered in Denmark, Ørsted employs approximately 8,000 people world-wide.

Job Description



Director of the Durham Energy Institute (0.5 FTE) and Ørsted Chair in Green Energy Systems (0.5 FTE)



Durham University

Durham University is one of the world's top research-intensive universities, boasting a welcoming and vibrant international community. Durham is an exceptional place in which to base your career. Our strengths across the Arts and Humanities, Sciences and Social Sciences see us listed as a top 5 UK and top 100 global university.

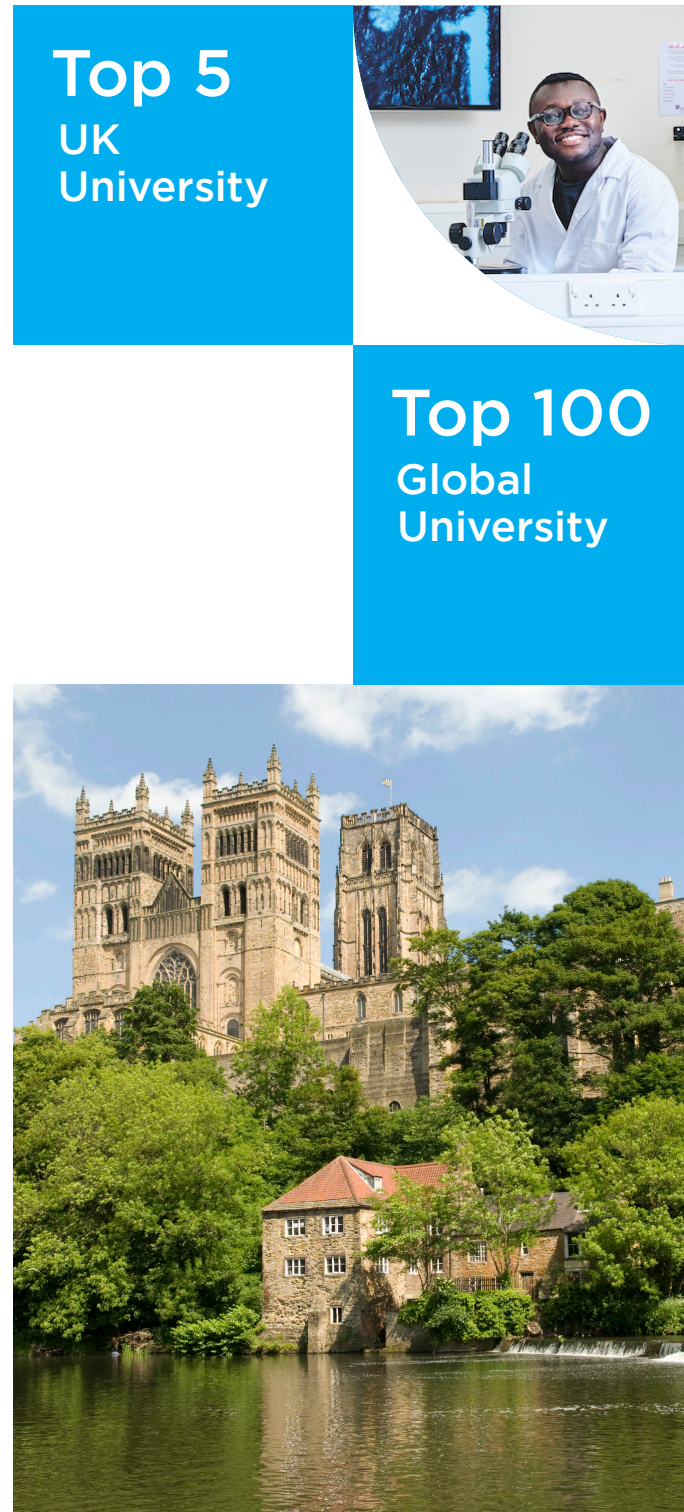
As part of our growth strategy, we are investing strongly in new academic staff and new facilities. We look forward to welcoming your application to join our thriving community.

As one of the UK's leading universities, Durham is an incredible place to define your career while enjoying a high-quality work/life balance. We are home to some of the most talented scholars and researchers from around the world who are tackling global issues and making a difference to people's lives.

The University sits in a beautiful historic city where it shares ownership of a UNESCO World Heritage Site with Durham Cathedral. A collegiate University, Durham recruits outstanding students from across the world and offers an unmatched wider student experience.

Less than 3 hours north of London, and an hour and a half south of Edinburgh, County Durham is a region steeped in history and natural beauty. The Durham Dales, including the North Pennines Area of Outstanding Natural Beauty, are home to breath taking scenery and attractions. Durham offers an excellent choice of city, suburban and rural residential locations. The University provides a range of benefits including pension and childcare provision and the University's Relocation Manager can assist with potential schooling requirements

If you'd like to find out more about the University or relocating you and your family to Durham, please visit <https://www.dur.ac.uk/jobs/recruitment/>



Durham Energy Institute

The Durham Energy Institute (DEI) at Durham University seeks to appoint a talented individual to the role of Director and Ørsted Chair of Green Energy Systems. We welcome applications from those with a strong track record and an international reputation in the broad field of green energy research, which aligns with the Institute's core theme "Energy, Science and Society". Your research may be aligned with one of the Institute's current research themes, but we also encourage applicants who wish to develop new themes for the Institute.

DEI's mission is to deliver and to facilitate the delivery of net zero GHG emissions by 2050, within the boundaries of the 17 United Nations Sustainable Development Goals. Together our research, education and outreach are the means for us to achieve our mission. The successful candidate will be internationally recognised and will also strengthen the DEI's position as a nationally and, internationally recognised authority on the energy transition, balancing the intricate interplay between the technologies and systems on the one hand, with the interaction with, and adoption by, society on the other.

The DEI was founded in 2009 with the purpose of pursuing and integrating energy research, teaching, and public engagement across all University Faculties. This is our keystone integrated approach, simultaneously engaging science, social science, and the humanities, to deliver an exclusive "socio-technical" approach. This blend of an Energy, Science and Society focus is our unique value proposition, and any applicant should demonstrate how their research area would integrate and enhance this remit.

Our research, education and outreach are the means for us to achieve our mission.

Our pioneering socio-technical specialisation is fostered through:

- collaborative working between departments at Durham University,
- joint working with an international community of researchers and practitioners, engaged in a wide range of research and demonstration projects across the globe;
- leading numerous national and international knowledge networks;
- co-operation with commercial and third sector partners; combined with
- outreach activities to engage society in the energy revolution.

This degree of integration enables a whole systems perspective towards energy issues, applying collaborative thinking and cross-functional teams to the world's urgent decarbonisation challenge.

This post offers an exciting opportunity to make a major contribution to the development of Durham Energy Institute whilst leading internationally excellent research. It will allow you unrivalled opportunities to progress and embed your career in an exciting and progressive institution making a global impact. Further information about DEI can be found at www.durham.ac.uk/dei.

Durham Energy Institute: Strategic Vision

The DEI is known internationally for its holistic, multi-disciplinary approach to energy decarbonisation. Established in 2009, the DEI is a research network that focuses on working to tackle the biggest global challenge ever faced – to develop and deploy clean, secure, and affordable energy supplies which achieve net-zero carbon dioxide emissions to underpin a sustainable future.



All DEI initiatives support the United Nations Sustainable Development Goals (SDGs), more specifically numbers 7, 9, 11, 13 and 17.

The Institute has reached out from its academic origins to work with industry, government, the third sector, and other academic institutions on exemplar projects taking curiosity driven research through the higher TRLs to practical real-world solutions. Essential to success has been the reach into communities and partnerships to develop a shared understanding of the use of technology and ensure that socially appropriate technological solutions are pursued.

Since its foundation in 2009, the DEI has supported research income of over £35M; including large scale sponsorship from industry partners such as Ørsted; with considerable in-kind support, such as time and expertise, freely given by industrial partners and members of

the Advisory Board. The DEI Research Strategy Vision builds on this foundation to enhance the DEI's visibility as a major international player in generating understanding, leadership, and solutions for the global net zero transition across science and society and attract more industrial partners. The DEI uses its skills, knowledge, expertise, and resources to collaborate on global decarbonising programmes and projects at international, national, regional, and local levels.

Globally

DEI is leading a step change within a global energy transition programme.

DEI is recognised as an independent and international authority on all aspects of the socio-economic and socio-technical benefits of the net zero carbon dioxide emission transition. This builds on the DEI's interdisciplinary focus to provide a whole systems perspective towards energy challenges. DEI has a network of international academic collaborators and multinational industrial partners, and we will continue to further develop and grow these relationships.

Nationally

DEI will continue to work with industry, government, and third sector partners to:

- accelerate the decarbonisation of the power grid;
- build on DEI's existing reputation as an authoritative voice on integrating social insights into technological solutions;
- promote wide scale deployment of novel heating and cooling solutions;
- positioning the North East of England at the centre of the UK's net zero transition;
- influence national policy and legislation on energy-related areas.

Regionally

DEI can demonstrate leadership in the delivery of affordable energy, energy security and sustainability for the North East of England through operational decarbonisation demonstrators across the region. We achieve this in partnership with other regional universities through, for example, the RED Fund investment partnership with Teesside and the N8 energy network.

Locally

DEI continues to be a strategic partner of Durham County Council to deliver exemplar community-based projects which create positive change the lives of citizens whilst reducing the carbon footprint of County Durham. We continue to maintain and develop our outreach work with local organisations such as OASES, and work with an array of local companies and organisations through student-led collaborative projects.

- In **research**, we strive to be at the cutting edge of academic and industrial research, and to increase the scale and diversify the DEI's research impact;
- In **education**, we aspire to be the first choice for energy related post graduate education and training;
- In **business**, we will be the focal point for energy-related Industry and University co-operation across research, education at all levels, and for innovation;
- In relation to **UK energy policy** setting, we will have a valued, well respected and independent voice to re-enforce our credentials in thought leadership;
- In **global markets** we will continue to forge strategic alliances with leading international research institutions of similar or higher global standing than Durham University;
- We will establish **formal research partnerships** between academia, industry, and commerce with wide international reach; and
- We will engage with **global bodies** to influence future international research strategy and, collaborate on global SDG challenge-led research to deliver global impact, recognition, and visibility.

The DEI intends to build on this success to improve the reach of technology deployed within local, regional, national, and international communities, positioning the DEI as a global institute with regional importance and relevance. This will draw on the networks and collaborations that the DEI has cultivated, building new strategic and co-operative relationships, and playing to the interdisciplinary strength of the DEI. Such achievements confirm the DEI as a pivotal, influential, and strategic leader for the energy transition demanded by society.

Delivering This Vision

High-quality and world-leading research is essential for the success of DEI and for the wider University. Such research has already and will continue to produce results and outputs that benefits society in achieving the net zero transition whilst also addressing the related challenges of the energy security and energy affordability. Since its inception in 2009, the DEI has built a strong research base, combining a broad spectrum of interests across multiple departments with a considerable breadth of expertise which is supported by a number of strategic partnerships.

DEI's priorities as an institute are:

1. to maintain lively research dialogues across these themes to generate novel and innovative new research opportunities, to secure significant external research funding streams and to ensure the highest possible quality of research;
2. to facilitate the production of evidence for practice and policy through:
 - Working with external partners to move research findings into practice;
 - Informing policy at all levels of government through active engagement with policy-making organisations; and
 - Communicating research outputs on a timely and accessible basis, addressed to relevant audiences in appropriate ways.

DEI's current research priorities fall into three categories. Firstly, Socio-technical approaches to whole energy systems (and the Just Transition). Secondly, Decarbonising heat and power; and finally, Energy materials and resource geopolitics.

Supporting these research priorities is a broader array of research that touches on energy; bringing the DEI into dialogue forms the wider context for these prioritised areas. Together these wider areas account for over £13m of funding at Durham University, divided across the four faculties in the university. This research income reflects local, national and international projects, and participation in various multi-national research projects and networks. The scope of these broader themes are outlined in the following table:



Energy infrastructure and systems	<p>This research relates to the engineering and transmission solutions that complement energy infrastructure and systems integration.</p> <p>In addition, it intersects with the circular economy and supply chain development, economics, accounting, and commodity trading; all of which are essential to leverage economic growth and demonstrate achievement of the defined net zero targets.</p>
Heating and cooling	<p>Research for this topic looks at the potential pathways for the decarbonisation of heating and cooling in domestic, municipal, and commercial settings.</p> <p>The DEI has been successful with exemplar projects to deliver low-cost heat from minewater in disadvantaged local communities. This and other achievements have made it possible for Durham University to establish the UK National Agency for Geothermal Energy.</p>
Energy poverty and vulnerability	<p>Whilst this theme already demonstrates a significant contribution towards the UK net zero ambition, it is becoming increasingly important in the wake of the energy crisis.</p> <p>Currently, the decarbonisation of the UKs existing housing stock and heritage buildings is a significant challenge with a wide range of public and private sector bodies looking for urgent and cost-effective solutions.</p>
Power generation	<p>The UK has made substantial investment in technologies to support the decarbonisation of national electricity grid with world leading research at Durham University leading some innovative solutions.</p> <p>However, there is still scope for further improvements to the grid providing opportunities for researchers at Durham University to improve efficiencies of existing products or develop new technologies.</p>
Energy storage	<p>New and efficient energy storage solutions, including both electrical and thermal storage, which reduce the imbalance between energy demand and energy production from lower carbon sources hold the key to the net zero transition.</p> <p>There are various technologies being explored at different levels of readiness to replace the existing technology built around large-scale Lithium-ion rechargeable batteries.</p>
Materials and fuels for energy	<p>The research will identify options for future materials and fuels across the wider energy sector. It will include material and fuels that are close to market such as bio-derived fuels as well as those on a longer timeline such as hydrogen.</p>
Transport	<p>This research will look beyond current studies into first generation electric vehicles.</p> <p>It will identify technologies and solutions suitable in the longer term for the net zero transportation challenges that society is facing, including options for road, rail, marine and aviation transport.</p>
Circular economies	<p>This theme includes leading research in Carbon Capture, Utilisation and Storage, as well as building on broader waste research and environmental chemistry at Durham University.</p>
Energy Policy	<p>This cross-cutting theme encompasses policy research and policy communications relating to the research themes listed above, at regional, national and international levels.</p> <p>This is an increasing priority for DEI in the coming years and will entail increased engagement in policy networks, policy research and analysis across a wide stakeholder base.</p>

In addition, DEI leads on a number of strategic national research networks and major projects (as well as participating in many more), bringing significant research funding through Durham and reflecting key research priorities. These current networks include:

- H+C Zero Network: A Network for Heating and Cooling Research to Enable a Net-Zero Carbon Future;
- Thermal Enhhergy Challenge Network;
- A Network for Hydrogen-fuelled Transportation (Network-H2); and
- EDI+ research and innovation Network+ for Equality, Diversity and Inclusion in the Energy Research community.

Exemplar Durham Energy Institute Projects

Growing Teesside's Hydrogen Economy and Catalysing a Just Transition to Net Zero

01

“Growing Teesside's Hydrogen Economy and Catalysing a Just Transition to Net Zero” is an £11m collaboration with Teesside University and many industrial partners on Teesside to accelerate decarbonisation and the use of hydrogen through supporting industrial research and development and capacity building in the Tees Valley.

This programme demonstrates the DEI's approach to integrating social sciences with science and engineering to promote inter-disciplinary research and innovation to achieve a meaningful impact in the Tees Valley.

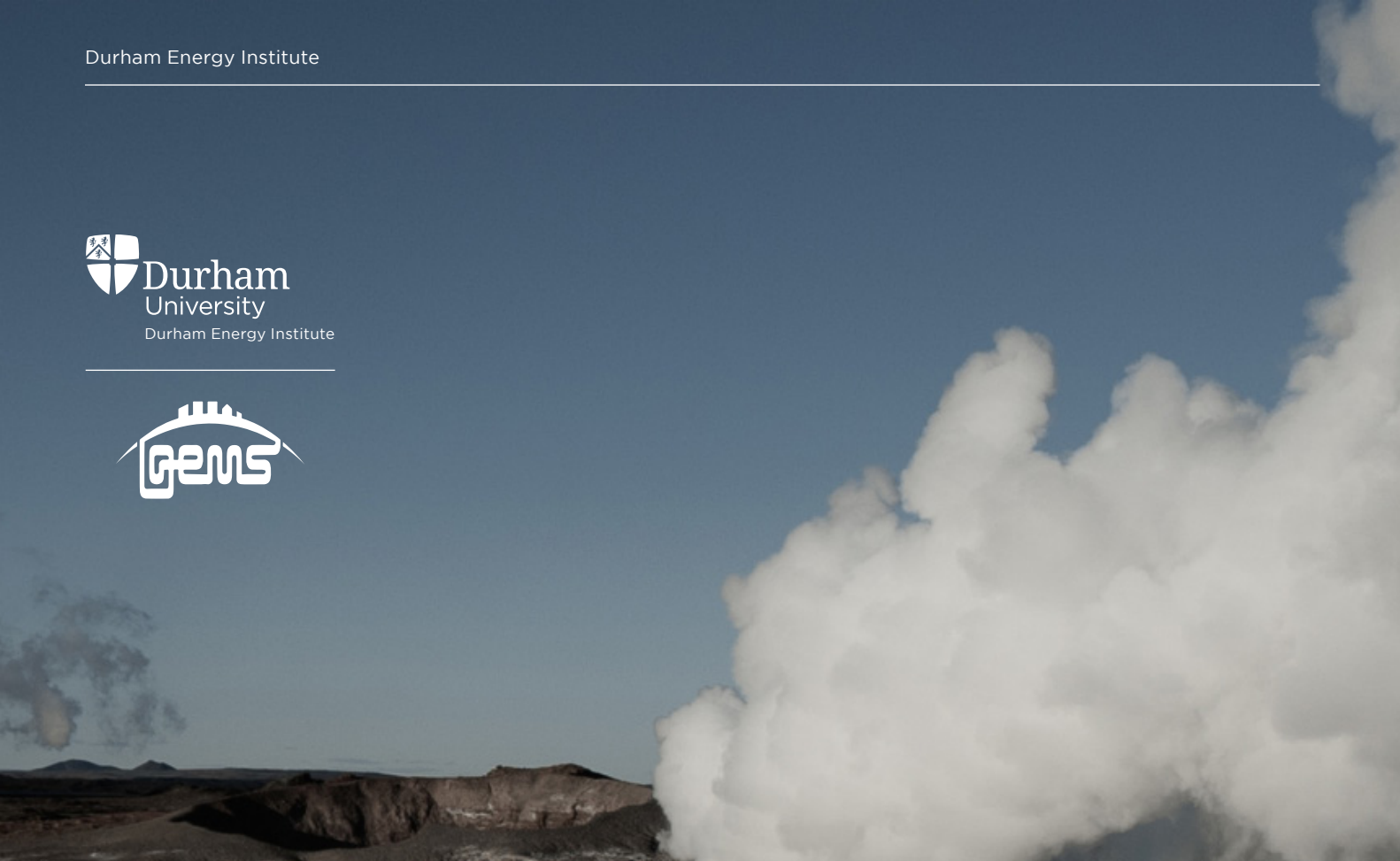


Regional Offshore Wind Clusters

02

Durham Energy Institute is a key member of two leading regional clusters for wind power, Energi Coast, based in the North East of England and Aura, the Humber cluster. Made up of more than 30 key regional businesses and stakeholder organisations involved in offshore wind, Energi Coast works to showcase the vast offshore wind supply chain capabilities within the North East of England and promote the region as a key hub for servicing both the UK and International offshore wind markets.

Durham Energy Institute leads the Energi Coast Innovation Group which aims to develop long term solutions to meet the requirements for new technology in offshore wind. The Group has been established to progress major innovation opportunities for the region's offshore wind industry in areas such as operations and maintenance and energy storage. The Group will help to identify and develop opportunities to deliver innovation that will maximise the economic benefit from Offshore Wind to the North East of England over the next decade and beyond 2030.



03

Geothermal Energy from Mines and Solar-Geothermal heat (GEMS)

GEMS is an interdisciplinary project that merges technical modelling, engineering solutions, and socio-economic aspects of mine water heating, it is a crucial step in the decarbonization of heat energy by exploring the potential of mine water as a low-carbon heat source.

The technical modelling in the project assesses the long-term sustainability and feasibility of mine water heat extraction through analysing mine water flow and heat exchange between the subsurface rocks and mine water. The engineering solution will develop innovative solar-geothermal dual storage systems based on a sorption heat pump cycle to deliver hot water to the consumer. With the third and final component of the project addressing the governance, investment, and narratives associated with mine water heating.

The research will also investigate how it can contribute to a 'just' energy transition by studying its socio-economic value and the impact of government policies, with a focus on England.

04

Industrial Thermal Energy Storage



The White Paper “Industrial Thermal Energy Storage – Supporting the transition to decarbonise industry” has been produced by the European Energy Research Alliance’s Joint Programme on Energy Efficiency in Industrial Processes (EERA JP EEIP), was led by experts at Durham University.

It investigated the current usage of Thermal Energy Storage (TES), the challenges and barriers to further uptake and the commercial and environmental opportunities for its use. The research concluded that the use of TES in industrial processes could reduce carbon emissions across Europe by as much as 513Mt per year.

Current industrial heating and cooling technologies are mainly reliant on the use of fossil fuels, and there is a need for a significant shift to renewable energy sources, increasing energy efficiency, and alternative methods for heating and cooling. We need to expand our exploitation of solar and geothermal energy and switch fuels to alternatives such as hydrogen and biofuels. Thermal Energy Storage technologies can enable society to achieve this shift.

Green Sargasso Sea

05

Researchers from the DEI have helped transform sulphurous mounds of decaying Sargassum natans on a beach in Punta Cana on the Sargasso Sea, the idyllic resort to the east of the Dominican Republic into a free biomass feedstock. Rather than countries spend money to remove, bulldozing them from beaches to send to landfill, there are now anaerobic digestion and fermentation pathways to covert this biomass to useful bioenergy.

Potentially, the Caribbean is only the start. Climate change means that we're seeing more of these unwanted seaweed blooms in more parts of the world: the east Chinese coast deals with annual blooms in the Yellow Sea, and similar "green tides" are beginning to be seen closer to home, on the shores of the Canary Islands and, often, as far north as the English channel, in Brittany and off Portsmouth.



Energy on the Move

06

Energy on the move is designed to bring social science perspectives to a growing field of research about energy use practices among groups of people in the global south who are not full beneficiaries of modern electricity grid systems.

People are migrating in great numbers into peri-urban and informal settlements for reasons of conflict, environmental crises, and rural poverty. The project aims to better understand and develop routes to successful energy transitions for the poorest and most disadvantaged by understanding lived experiences of marginal people. Looking at what energy options they find, and how the cases of four countries' capital cities (Kathmandu, Nepal; Dhaka, Bangladesh; Abuja, Nigeria; and Juba, South Sudan) can be compared. This research project is sharing perspectives across the disciplines of anthropology, history and geography.

Current DEI Team

Interim Director of the Durham Energy Institute

Professor Simone Abram
 (Professor in the Department of Anthropology)
 Simone is a social anthropologist with a background in Electrical Engineering. She brings together different disciplinary perspectives on energy and society, ethical and just transitions, and the changing social and political significance of energies, particularly electricity. She is Chair of the Association of Social Anthropologists (UK).



Professor Abram will revert to a Co-Director position upon appointment of the Director.

Co-Directors, DEI

Dr Joanna Berry
 (Associate Dean, External Engagement, and Associate Professor in Entrepreneurship in the Durham Business School)
 Joanna leads on Business, Enterprise, and Innovation with expertise in supporting businesses to scale and succeed. Her entrepreneurial spirit is underpinned by a deep and broad range of regional, national and international corporate and public sector contacts.

Professor Tony Roskilly
 (Professor of Energy Systems in the Department of Engineering)
 Tony is an engineer with over 30 years' experience in design, control, and

operational optimisation of energy systems. He leads Network-H2 project, a national research network to decarbonise transport through hydrogen-fuelled vehicles and technology.

Dr Stuart Jones
 (Associate Professor in the Department of Earth Sciences). Stuart is also the Director of the Multidisciplinary Centre for Doctoral Training (Energy CDT)
 He brings a string of awards, including an excellent in teaching award for his doctoral supervision, extensive experience of outreach work, and authorship of essential reading in sedimentology.



Professional Support Staff

Lynn Gibson,
 Institute Manager

Katie Daniels,
 Business Engagement & Innovation Manager

Kate Hatton,
 Policy & Communications Manager

Advisory Board Members

Benj Sykes,
 Chair

Dr Charlotte Adams,
 Vice Chair

Dr Chris Beck

Emeritus Professor Sandra Bell

Dr Maggie Bosanquet

Laurence Carpanini

Andrew Clark

Professor Helen Goodman

Laura Hepburn

Professor Simon Hogg

Professor Alan Lowdon

Brian Matthews

Paul McKeever

Roger Murray

Dr Kim Bouwer

Rob Williams

Professors in Practice

Brent Cheshire

Helen Goodman

Alan Lowdon

Andrew Wright

Barbara Vest

Professors at Durham

The University is committed to developing all our colleagues to achieve their full potential. We promote and maintain an inclusive and supportive environment to ensure that all colleagues can thrive. Academic colleagues are supported to publish world-leading and world-changing research in their area of interest in highest impact journals with a focus on quality rather than quantity. We will fully support your research needs including practical help such as resources to attend conferences and to pump-prime research activity, as well as a generous research-leave policy and a designated mentor. Sitting alongside world-class research; teaching quality and innovation is critical to ensure a first-class learning environment and curricula for all our students. You will be supported, if you wish, to progress through the levels of the Higher Education Academy (HEA).

All our professors are encouraged to focus on quality and innovation in their research and teaching, and to provide excellent leadership in the administrative functioning and collegial environment of the Department, discipline and University in support of the wider student experience. We value research income, which is a necessary input in many fields to enable research outputs and impact.

Working at Durham

A competitive salary is only one part of the many benefits you will receive if you join the University: you will also receive access to the following benefits:

- 30 Days annual leave per year in addition to 8 public holidays and 4 customary days per year – a total of 42 days per year.
- The University closes between Christmas and New Year.

- As a new member of staff, you will be automatically enrolled into the University Superannuation Scheme (USS), to which the University will add employers' contributions which are currently 21.4% of salary
- No matter how you travel to work, we have you covered. We have ample parking across campus, a cycle-to-work scheme that helps you to buy a bike, and discounts with local bus and train companies.
- There is a genuine commitment to developing our colleagues professionally and personally. There is a comprehensive range of development courses, apprenticeships, and access to qualifications and routes to develop your career in the University. All staff have dedicated annual time to concentrate on their personal development opportunities.
- Lots of support for health and wellbeing including discounted membership for our state-of-the-art sport and gym facilities and access to a 24-7 Employee Assistance Programme.
- On-site nursery is available and children's clubs in the summer holidays.
- Family-friendly policies, including maternity and adoption leave, which are among the most generous in the higher education sector (and likely above and beyond many employers).
- The opportunity to take part in staff volunteering activities to make a difference in the local community
- Discounts are available via our benefits portal, including money off at supermarkets, high street retailers, IT products such as Apple, the cinema, and days out at various attractions.
- A salary sacrifice scheme is also available to help you take advantage of tax savings on benefits.
- If you are moving to Durham, we can help with removal costs and we have a dedicated team who can help you with the practicalities such as house hunting and schools. If you need a visa, we cover most visa costs and offer an interest-free loan scheme to pay for dependant visas.

Durham University is committed to equality diversity, inclusion, and values

Our collective aim is to create an open and inclusive environment where everyone can reach their full potential.



We believe our staff should reflect the diversity of the global community in which we work. As a university equality, diversity, and inclusion (EDI) are a key part of the University's Strategy and a central part of everything we do. We also live by our values and our Staff Code of Conduct. At Durham, we actively work towards providing an environment where our staff and students can study, work and live in a community that is supportive and inclusive. It's important to us that all of our colleagues are aligned with both our values and commitment to EDI.

We welcome and encourage applications from members of groups who are under-represented in our workforce including people with disabilities, women, and black, Asian, and minority ethnic communities. If you have taken time out of your career, and you feel it relevant, let us know about it in your application. If you are a candidate with a disability, we are committed to ensuring fair treatment throughout the recruitment process. We will make adjustments to support the interview process wherever it is reasonable to do so and, where successful, reasonable adjustments will be made to support people within their role.



Director of the Durham Energy Institute (0.5 FTE) and Ørsted Chair in Green Energy Systems (0.5 FTE)

This is a split role both to lead the DEI and to undertake energy-related research. The research of the successful candidate is expected to fall primarily within the field of green energy systems. Any research projects related to fossil fuels require prior approval by Ørsted. The successful candidate will be appointed to this joint position for five years with the possibility of a single further term of up to five years.* At the end of the term of office, the successful applicant may return to their home department** as a full professor. Applicants must demonstrate research excellence with the ability to lead the Institute and to engage fully in the services, citizenship, and values of the University. The University provides a working and teaching environment which is inclusive and welcoming and where everyone is treated fairly with dignity and respect. Candidates will be expected to demonstrate these key principles as part of the assessment process.

The post-holder will report to the Pro-Vice-Chancellor (Research), Prof. Colin Bain.

*While it is the intention of Ørsted to continue to support this position, an extension of the Ørsted Chair of Green Energy Systems is subject to continuation of funding by the company.

**The post-holder will also be affiliated to an appropriate academic Department during their term of office.

Person specification

The Director and Ørsted Chair of Green Energy Systems must be an individual who can continue to develop the vision for the Institute as a world-leading interdisciplinary energy research centre, working with other key stakeholders to devise and embed appropriate management, financial and reporting structures. The candidate is expected to have an internationally leading research record, proven leadership and management experience, a track record demonstrating delivery not just of research outputs but also knowledge transfer into the broader society with concomitant project executions skills and excellent interpersonal and communication skills. Candidates are expected to engage fully in the services, citizenship, and values of the University.

At the end of the term of office as Director of DEI and Ørsted Chair in Green Energy Systems, the post-holder has the option of taking up a full-time role as Professor in an appropriate Department.

Key responsibilities

The core function of the DEI Directorship is to provide leadership to the Durham Energy Institute, delivering and developing its mission of excellence in interdisciplinary research, in partnership with a management board of Co-Directors from across the university. The post holder will:

- Work with the DEI's advisory board and the Co-Directors to define the strategic direction of the institute. You will have a close working relationship with the Chair of the Advisory Board who collectively help the DEI in ensuring it is nationally and internationally relevant as well as being able to deliver impact on all scales.
- Be a strong advocate for DEI activities nationally and internationally, including being the face of DEI in communications and interaction with media (TV, radio and more).
- Direct the work of the Institute staff, ensuring that the activities of the DEI are achievable given resources and facilities available to the DEI and consistent with university policies, in ways which encourage diversity and equality of opportunity and respect for diverse opinions.
- Lead, and encourage the development of, a substantial portfolio of grant-funded research and other activities to sustain and underpin the activities of the DEI.
- Pursue research that is world-leading, and world-changing in terms of originality, significance, and rigour, showing leadership in a research field within and/or beyond the academy which is commensurate with the Institute's continuing emphasis on international excellence.
- Enhance the quality of the research environment in the DEI, ensuring DEI can offer leadership of national and international research groups and networks that are recognised at an international level. This also entails providing career development opportunities through all levels of the DEI's fellowship scheme.
- In the substantive professorial role following the end of the term of office as Director of DEI, deliver excellent teaching, demonstrating innovation in delivery and curriculum design.

The Director will also be responsible for the following:

- Communicating Institute activities and planning goals with the Pro-Vice-Chancellor (Research) and heads of Departments.
- Communicating research findings and promote engagement with partners and non-academic stakeholders beyond the University, so that research informs wider debates and practices, promoting net zero and Just Transition goals.
- Maintaining and developing strategic national and international research partnerships in support of the Institute's research themes and, in liaison with the University's International Office and Research and Innovation Services, to promote the University's global aims for internationalisation and impact.

The position is available from 1 March 2024, with a start date to be agreed with the successful candidate.

Research

Candidates will demonstrate a significant research record, and leadership in a research field within and/or beyond their institution(s), with research outputs recognised as world-leading or internationally excellent.

Essential Research Criteria Grade 10

Qualifications	A PhD in a relevant subject
Outputs	Evidence of research outputs which are consistently recognised as internationally excellent.
Research and engagement plan	Evidence of a research and engagement plan which supports and enhances the DEI's strategy.
Research leadership	Leadership of national / international research groups and networks, with an internationally recognised contribution to the development of research fields,
Research impact	Evidence of research impact beyond the candidate's institution
Income generation	Evidence of leadership of successful collaborative research projects of a significant scale
Management experience	Evidence of management of a research team including managerial skills organisational skills and project execution and delivery.
EDI	Evidence of a commitment to equality, diversity and inclusion and to the mentoring and career development of early-career researchers.
Communications	Evidence of outstanding communications and engagement capabilities

Teaching

Candidates who wish to fulfil this role will need to demonstrate excellence in the development and delivery of teaching. They will demonstrate leadership, distinction and innovation in the design and delivery of high-quality learning environments and curricula that enable students to achieve their potential. These criteria will be assessed at the end of the term of office.

Essential Teaching Criteria Grade 10

Quality	Evidence of excellence in the development and delivery of high-quality and distinctive teaching, at least at a nationally competitive level.
Innovation	Leadership in the development of innovative teaching and the design of learning environments / curricula that provide high-quality teaching and student experience at an international level.
Strategic	Demonstrating leadership in the design and delivery of internationally excellent teaching programmes and the creation of learning environments that enable students to achieve their potential.

Services, Citizenship and Values

Candidates will demonstrate sustained excellence of leadership in the provision of the administrative and collegial requirements of their Department, Faculty, Institute, or discipline as well as demonstrating their commitment to equality, diversity, and inclusion.

Essential Services, Citizenship and Values criteria Grade 10

Collegial Contribution	Evidence of a significant contribution to the collegial work and environment of the Candidate's Department, Faculty, institution and / or discipline. <i>Candidates may choose to evidence involvement in equality and diversity initiatives, Faculty or University roles, mentoring activity, engagement with widening participation and membership or engagement with external bodies</i>
Leadership	Evidence of sustained excellence in leadership activities that support the administrative functioning of the candidate's Department, Faculty or University and / or institution which support the development of their discipline.
Communication	Candidates must have excellent oral and written communication skills with the ability to engage with a range of researchers and colleagues across a variety of forums and career stages.

Services, Citizenship and Values

Candidates will demonstrate sustained excellence of leadership in the provision of the administrative and collegial requirements of their Department, Faculty, Institute, or discipline as well as demonstrating their commitment to equality, diversity, and inclusion.

Desirable criteria Grade 10

Strategic oversight	Awareness and understanding of the activities, objectives, and strategic direction of the university.
Leadership Regulatory framework and policy	Extensive knowledge and experience in ensuring compliance with regulatory and organisational policy and guidelines.
Guidance to staff	Well-developed understanding of regulations and procedures and the implications of non-compliance on other staff.

01 How to Apply

For informal enquiries please contact Professor Jon Gluyas (DEI Director, Autumn 2017 – Summer 2023), j.g.gluyas@durham.ac.uk or Professor Colin Bain, Pro-Vice-Chancellor (Research), pvc.research@durham.ac.uk. All enquiries will be treated in the strictest confidence.

We prefer to receive applications online via the Durham University Vacancies Site durham.ac.uk/jobs.

Applications are particularly welcome from women and black and minority ethnic candidates, who are under-represented in senior academic posts in the University.

02 What to Submit

All applicants are asked to submit:

- A CV and covering letter which details your experience, strengths and potential in the requirements set out above.
- PDFs of two research papers that you have been involved with and an explanation of your input. Please note that your work may be read by colleagues from across the University.
- PDF or link to public-facing communication or engagement activity.

You may additionally choose to submit evidence such as external peer review of your outputs.

03 Referees

You should provide details of three academic/research referees and the details of your current line manager so that we may seek an employment reference (if they are not listed as an academic referee).

Please note:

We shall seek the academic/research references during the application process. Academic/research referees should not (if possible) include your PhD supervisor(s) and a majority should be from a university other than your own. We would ask that you alert your academic/research referees to this application as soon as possible so that we can quickly obtain references should you be progressed to the long list stage. Please note that it is our usual practice to provide a copy of your CV to your referee. If you do not consent to us sending your CV to your referees or if you do not wish (some or all) of your referees to be approached during the recruitment process, you must clearly indicate this to us at the time of your application.

Academic/research references sought for long-listed candidates may be made available to the panel during the shortlisting process.

We will seek a reference from your current line-manager if we make you an offer of employment (albeit you may have also nominated your line manager as an academic referee). Please clearly indicate which referee is your current line-manager and please let us know if we should only approach them once an offer has been made.

Next Steps

All applications will be considered; our usual practice is for colleagues in relevant departments to read the submitted work of long-listed candidates.

Short-listed candidates will be invited to Durham University and will have the opportunity to meet key members of the DEI and of an appropriate Department. The assessment for the post will normally include a presentation to staff and students in the DEI followed by an interview and we anticipate that the assessments and interviews will take place over two days.





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