

Frazer-Nash Consultancy to provide energy generation and distribution technical support to the UK's £1bn Net Zero Innovation Portfolio

The Department for Business, Energy and Industrial Strategy (BEIS) has awarded its Technical Third Party Support contract for the Net Zero Innovation Portfolio, 'Lot 5 – Energy Generation and Distribution' to a team led by systems, engineering and technology company, Frazer-Nash Consultancy.

This £4.3 million, three-and-a-half year contract will see Frazer-Nash Consultancy lead a team providing technical support to critical Net Zero Innovation Portfolio projects contributing to the development of new energy technologies, systems and processes. Frazer-Nash Consultancy is supporting the following technical areas within the Net Zero Innovation Portfolio:

- Hydrogen
- Nuclear
- Offshore wind
- Onshore wind
- Bioenergy
- Heat pumps and retrofit
- Heat distribution
- Biomass boilers
- Solar heating

By 2035 the UK aims to be powered entirely by clean electricity and by 2050 have net zero carbon emissions. BEIS is investing over £1 billion through its Net Zero Innovation Portfolio to achieve both these goals. In collaboration with the other Lot holders, Frazer-Nash Consultancy will support BEIS to develop its programmes, and to assess and monitor the projects that will be delivered within the Net Zero Innovation Portfolio.

Frazer-Nash Consultancy is an engineering and systems technology consultancy with a strong track record for delivering services within the energy market both for industry and BEIS. It is being supported by a further 11 organisations to deliver Lot 5, many of whom are small and medium-size enterprises. The team includes Avieco, Baringa, Cambridge Architectural Research, the Centre for Sustainable Energy, Cornwall Insight, Costain, NNFC, Sirius, Tadek, TNEI and TUV Nord.

Business Managers for 'Government Energy' and 'Advanced Nuclear and Government', Felix Ritchie and Tom Purnell have been leading on the Frazer-Nash consortium's bid.

Felix said, "The whole team is excited to be at the forefront of innovating to deliver Net Zero. Drawing on our expertise in energy generation and distribution, and working in collaboration with our supply chain partners, we will provide the expert support BEIS needs to realise the benefits of its £1 billion investment."

Tom said, "Our support to BEIS will draw on our sector knowledge and experiences of working to successfully deliver government projects and programmes, including best practice drawn from our work on the government's earlier Energy and Nuclear Innovation Programmes."

David McNaught will lead the delivery of this support as the Project Technical Lead, David said:

“Our supply chain partners, including a significant complement of SMEs, will be key to successful delivery of this support contract, and we anticipate that they will be delivering many of the services. We look forward to forging stronger relationships with them and to opening up further opportunities for us all.”

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Editor’s notes

- The Net Zero Innovation Portfolio (NZIP) is a £1 billion fund, announced in the Prime Minister’s ten point plan for a green industrial revolution, to accelerate the commercialisation of low-carbon technologies, systems and business models in power, buildings, and industry.
- Read the Department of Business, Energy and Industrial Strategy’s announcement about the government’s investment of over £116 million to drive forward green innovation in the UK at <https://www.gov.uk/government/news/government-invests-over-116-million-to-drive-forward-green-innovation-in-the-uk>.

Frazer-Nash Consultancy Ltd

Frazer-Nash is a leading systems and engineering technology company. Our work makes a difference to things that matter in the world.

With over 900 employees, Frazer-Nash works from a network of nine UK and four Australian locations. Our consultants apply their expertise to develop, enhance and protect our clients’ critical assets, systems and processes.

In an uncertain world, we contribute to national security in a huge number of ways. We help make sure that power is generated and distributed to everyone who needs it. We support moving people and goods around and between the big cities of an increasingly urbanised society. We work to make the world a more sustainable place. We ensure governments save time and money when public spending globally is under huge pressure. And we help our clients wrestle with the challenges and opportunities of an ever-accelerating digital revolution.

Our people use their combined strengths to deliver technical solutions to some of the most challenging problems out there. Sometimes these challenges are difficult technical issues, and sometimes they are difficult because of the environment our clients operate in. Our great strength is our ability to rise to these challenges and deliver.

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Net Zero Innovation Portfolio

Innovation is key to developing the green technologies needed to tackle climate change. The Net Zero Innovation Portfolio is a £1 billion fund, announced in the Prime Minister’s ten point plan for a green industrial revolution, to accelerate the commercialisation of low-carbon technologies, systems and business models in power, buildings, and industry.

The Portfolio will decrease the costs of decarbonisation and set the UK on the path to a low carbon future. It will create world-leading industries and new green jobs, invest in our regions, and help make the UK a science and innovation superpower.

The Net Zero Innovation Portfolio succeeds the BEIS Energy Innovation Programme (EIP) which ran from 2015 to 2021.