

SHERINGHAM SHOAL

Offshore Wind Farm

Operated by Equinor



Safety is at the heart of the operation of the Sheringham Shoal Offshore Wind Farm, and I AM SAFETY is Equinor's global awareness programme relating to health, safety and security. It embodies the company's belief that all accidents relating to people, environment and assets can be prevented.

A good working environment is essential to employee physical and mental health, operational safety and engagement, and in order that the organisation can meet its visions and ambitions there are four areas of strategic focus - compliance and leadership, risk awareness, efficient barriers and supplier improvement. All employees, contractors, suppliers and visitors are asked to remember that health, safety and security is the responsibility of each individual, and that their behaviour and actions affect everybody's well-being.



At Wind Farm Place, Sheringham Shoal's purpose-designed Operations and Maintenance base at Egmere, a series of specially commissioned I AM SAFETY displays have now been located around the building. Each one features photographs of the faces of groups of employees which, alongside the eight tenets of this awareness programme, serve as a constant reminder of personal responsibility for health and safety ●

Power for UK homes

Offshore wind continues to play an increasingly important role in satisfying the UK's demand for electricity, a demand which is likely to continue to increase as technological advances see a growth in the number of vehicles and vessels powered by electricity.

There are still a number of large offshore wind farm developments along the UK's eastern seaboard in the planning and consenting or construction phase, so the percentage of the country's electricity supply generated by offshore wind is anticipated to continue to rise significantly in the years ahead.

Since the Sheringham Shoal Offshore Wind Farm was fully commissioned in late 2012, it has made a consistent contribution to the generation of electricity from renewable sources. In 2017 it generated 1.13TWh of electricity and is on track to meet its targets in 2018 ●



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An interview with... Karl Butler, Power Plant Manager

Karl Butler is now leading the Sheringham Shoal team at what he clearly sees as a very exciting time in the development of Equinor's New Energy Solutions (NES) business.

"The solid base of expertise that has developed here at Sheringham Shoal over the last seven years is proving to be of considerable assistance to Equinor as it continues to build its portfolio of global offshore wind farms. It is pleasing that some of that expertise has transferred into the Equinor NES Centre of Excellence but with some exciting development opportunities under consideration for Sheringham Shoal, it is also very important that we have retained a huge amount of expertise locally."

"I believe that the Sheringham Shoal team can influence the future of both the Equinor business model and of the industry at large. The NES O&M model is evolving as a result of the experience and innovative way of thinking here at Sheringham Shoal, and I believe that many of our operational innovations have been made possible because there is an ethos here that encourages all individuals to challenge the 'norm.'"

"My colleagues and I are extremely proud that the Sheringham Shoal Offshore Wind Farm is a member of the community here in North Norfolk. As one of the larger businesses in the region, I am keen that we play our part in the community, particularly in the fields of learning and education, where we have a duty to encourage and support young people to consider careers in engineering through the study of the STEM subjects of science, technology, engineering and mathematics"

TV celebrity brings SAS experience to Safety Day

In late July 2018 Operations and Maintenance Manager Ross McMillan organised a Safety Day in which all members of the Sheringham Shoal team participated.

The theme of the day was 'Safety, Leadership and Risk - Lifestyle and Wellbeing' with a strong emphasis on the importance of each individual's frame of mind when calculating the risk associated with a process or task in the working environment.

Jason Fox, star of Channel 4's SAS Who Dares Wins and the Real Narcos programmes, was the motivational speaker at this Safety Day, and his experiences relating to the importance of the emotional resilience of each member of any team clearly demonstrated the relevance of cross-industry learning in keeping people safe.



● Jason Fox (standing) at the Safety Day

Ross McMillan commented:
"Life outside of work exerts many pressures on each and every one of us, and one of the key messages from this exercise was the importance of each individual being realistic in recognising their own well-being and frame of mind when considering safety and assessing risk. I think it proved to be a very worthwhile day"

Supporting the Mason Trust in school

Sheringham Shoal's Hannah Rhos Carbis and Dean Robinson recently attended Sheringham High School, supporting the Mason Trust in delivering a day of activity designed to raise the profile of career opportunities in the renewable industry with students.

The Mason Trust is a charity which aims to enable young people in Norfolk and Suffolk to realise their aspirations and take control of their futures. Through the Sheringham Shoal Community Fund, members of the Sheringham Shoal team have worked with the Mason Trust on a number of projects over the last few years

Local initiatives...

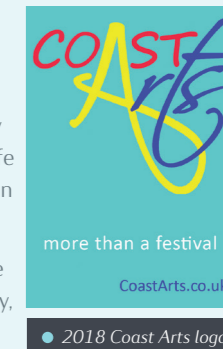
Sheringham Shoal is pleased to be able to continue to support a wide range of community events and projects and charitable organisations in their activities in North Norfolk.

Initiative 1

Supporting the arts in North Norfolk

Each summer Cley Contemporary Art exhibition offers artists with a connection to North Norfolk the opportunity to respond to the unique architectural qualities of Cley-next-the-Sea, its church, its beach and the Norfolk Wildlife Trust Visitor Centre. In 2018 the exhibition, curated by Dr Caroline Fisher, saw over 60 artists display new work in a diverse range of artistic media.

It has taken 6 years of successful October festivals for Cromer and Sheringham Art and Literary Festival to evolve into COAST ARTS. Now more than a festival, more than a week in October, COAST ARTS has year round visibility, but still culminates in the traditional October half term focus of events and activities. The 2018 festival launch took place on 19th October with an evening of great entertainment at the Belfry Centre in Overstrand



● 2018 Coast Arts logo



● The North Norfolk saltmarsh

Initiative 2

The Saltmarsh Series - Working the Sea

The Saltmarsh Series is a programme of lectures on aspects of the Saltmarsh Coast of North Norfolk designed to offer opportunities for residents and visitors to understand what makes this area of North Norfolk so special, and to create a framework for the consideration of the future. The lectures take place in the newly refurbished Maltings cultural centre in Wells-next-the-Sea.

During 2018 the programme has focused on the sea, beginning with the geological and geomorphological impact of the sea on land, before moving to consider the sea as a workplace for fishing, commerce and power production and transmission.

As a pathfinder project in North Norfolk's coastal waters, and with its O&M base at Egmere just 5 miles south of the port town of Wells-next-the-Sea, the team at the Sheringham Shoal Offshore Wind Farm was very pleased to be asked to be part of the December 2018 Saltmarsh lecture on power production and transmission.

During 2019 the Saltmarsh Series will consider the sea as a playground, sea safety and security as well as issues surrounding waste management

Initiative 3

Sheringham Shoal at The Mo - an education resource

As well as being home to the Sheringham Museum, The Mo on the seafront in the North Norfolk coastal town of Sheringham houses the Sheringham Shoal Wind Farm Visitor Centre. It was opened in 2011 since when it has welcomed in excess of 120,000 visitors wishing to find out more about offshore wind power and its role in the UK's renewable energy industry. On a clear day, Sheringham Shoal's 88 wind turbine generators and its 2 offshore substations are clearly visible from the Visitor Centre's wall of windows overlooking the beach and the North Sea.

During 2018 The Mo has seen continued growth in the number of schools bringing parties of students to the Visitor Centre as topics associated with climate change and renewable energy continue to feature in subject curriculums. Enquiries about arranging visits to The Mo should be directed to:

enquiries@sheringhammuseum.co.uk
+44 (0) 1263 824482

SHERINGHAM SHOAL
Offshore Wind Farm
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Wind Farm Visitor Centre at The Mo

An educational, interactive and fun exhibition; accessible to everyone, group visits welcome.

- Learn about climate change and renewable energy
- Understand the historic importance of wind energy to North Norfolk
- See the development and construction of the wind farm unfold before you
- Learn about the daily operation and maintenance activities at the wind farm



FREE Exhibition

(Normal entry fees apply when visiting the Sheringham Museum)

Opening times 2019: 16th to 23rd Feb (daily); 30th March to 27th Oct
Tue - Sat: 10am - 4.30pm; Sunday: Noon - 4pm.

Mondays: Open Bank Holidays, during school holidays and daily from June 15th - 27th Oct.
Sheringham Museum at the Mo, Lifeboat Plain, Sheringham, NR26 8BG
01263 824482 www.sheringhamshoal.co.uk

The Sheringham Shoal Community Fund...

Since its establishment in 2010, the Sheringham Shoal Community Fund has made grant awards totalling over £679,000 to various community groups, charities and schools in North Norfolk.



Together, Norfolk shines brighter

The fund criteria relate to renewable energy, marine environment and safety, sustainability, or education in these areas. The fund is operated by Norfolk Community Foundation, and a panel made up of local representatives from the community, business and education sectors, sits twice a year to consider applications and award grants. Panel meetings are held in May and November.

Latest 2018 grants - a snapshot

The Sheringham Shoal Community Fund Panel meeting held in November 2018 received a number of highly innovative grant applications to which its members were pleased to award grants; these included:

The Norfolk Rivers Trust (NRT):



NORFOLK RIVERS TRUST

During the 2019 Spring Term this organisation will be working with 5 primary schools in North Norfolk to look at the effect of micro-plastics in the marine environment and to take part in the Big Micro-plastics Survey. The project has links to many aspects of the curriculum including habitats, life cycles, food chains, counting and sorting, local environment and water quality, and over 500 young people are expected to benefit from the project.

Dilham Village Hall and Playing Field Committee:

Over the years the Community Fund has made grants to a number of North Norfolk's village halls and community centres for PV solar panel arrays, but this is the first time that it has supported a PV solar panel array with battery storage. This is a village hall that has a strong commitment to reducing energy use, and there are already plans for the installation of electric vehicle charging points which could be supported by the battery storage facility.

UEA Bird Group:

This grant will enable the UEA Bird Group to develop and test a novel way to monitor marine and intertidal wild life, along with their activities and movements, around the central North Norfolk coast. This will be done by placing robust, sensitive microphones on fixed points in the intertidal area to monitor the acoustic noises made by marine life, mainly birds, but also bats and seals. Advances in acoustic technology have made this possible, and the recorded soundscapes should result in a survey of marine life in unprecedented detail.

It is planned to produce and publish case studies detailing the progress of these projects in forthcoming editions of this newsletter ●

Bursaries for Norfolk students

Since 2013 a Bursary Scheme to help young people from lower income families in Norfolk to study engineering at one of three Norfolk colleges has been available through the Sheringham Shoal Community Fund.

In 2019 funding will once again be available for 20 students to each receive a bursary of £500 per annum to study the BTEC Diploma in Engineering level 3 (or equivalent) through to graduation. In addition to the College of West Anglia in Kings Lynn, East Coast College in Great Yarmouth and City College in Norwich, students studying for this qualification at UTCN (University Technical College Norfolk) in Norwich will also be eligible for a bursary.



In a recent letter addressed to the Sheringham Shoal Community Fund through Norfolk Community Foundation, the Director for Student Studies at City College Norwich said:

“The support you have provided this year will make a real difference to local young people. Our ethos is to ensure that as many young people as possible from disadvantaged backgrounds have the opportunity to participate in and benefit from a place in post-16 education and training and you are helping us to achieve this aspiration” ●

Contact details and more information:

Sheringham Shoal is owned by Equinor, Equitix and the Green Investment Group through Scira Offshore Energy Ltd. Equinor is the operator for the Sheringham Shoal Offshore Wind Farm. Scira Offshore Energy Ltd is the legal entity.

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