



# The Humber Renewables awards 2020

Thursday 4th March 2021

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# Welcome



**David Laister**  
Humber BusinessLive Editor



**Keynote speaker**  
**Melanie Onn**  
Deputy Chief Executive,  
RenewableUK



**Headline sponsor**  
**Clark MacFarlane**  
CEO NE&ME and UK Managing Director,  
Siemens Gamesa Renewable Energy Ltd

## Welcome to the Humber Renewables Awards 2020.

We're delighted to finally get this event up and running and so pleased you could join us, for what should once again, be a fantastic celebration of all that is happening in the Energy Estuary. Well what a year - the economy all but ground to a halt, but this particular industry kept on spinning - building and planning for the future. While the world has been in lockdown three offshore wind farms have been in construction or commissioning on our patch alone, another has been consented and new players have come into the market in the next round of development. On dry land Siemens Gamesa has started the process to double the size of the Hull factory to build the next generation of huge wind turbine blades for the North Sea and beyond. Next door, Associated British Ports has completed the largest roof top installation of solar ever seen in the UK - so it doesn't just keep Britain trading, but it does so with strong green credentials too. On the South Bank we've welcomed the Offshore Renewable Energy Catapult Operations and Maintenance Centre of Excellence to Grimsby too. The Royal Dock is now home to them, RWE and Ørsted, building on the first moves in the fish docks now some 14 years ago. Could Total be next as it switches from oil to wind in the region? Fossil fuel phase out is on, and the move from a long-standing giant of our regional economy couldn't exemplify it better against a backdrop of record coal free periods. Add to the mix the huge strides in decarbonisation of heavy industry on the Humber and the use of offshore wind in hydrogen production and we can see how our credentials here are putting us at the forefront of the Net Zero push. Enjoy your evening.

## Guest speakers

Melanie Onn joined RenewableUK in March 2020 as Deputy Chief Executive. Her role includes helping RenewableUK's supply chain members to grow, and developing the skilled workforce the industry needs, including opening up wider areas of the sector to more women. She also leads on public speaking and media work. Ms Onn was elected twice as Labour MP for Great Grimsby, serving from May 2015 to November 2019, including periods as Shadow Minister for Housing, Communities and Local Government and Shadow Deputy Leader of the House of Commons.

Clark MacFarlane is both Managing Director of the UK business, a position he has held since 2014, and CEO of the Onshore Business across Northern Europe and the Middle East, as of 2020. Clark joined the then Siemens Wind Power business as Managing Director, Offshore in 2012. Since joining Siemens in 1997, Clark has been the CEO or MD of five Siemens UK Businesses covering Power Generation and Services, Defence, Building Technologies and IT Solutions & Services. Clark has been a board member of RenewableUK since 2017 and is also a member of the Offshore Wind Industry Council (OWIC), working with his Industry Colleagues and BEIS to achieve a cost-effective, long-term future for sustainable renewable energy in the UK and develop the Supply Chain. Clark's background is in Mechanical Engineering, along with an MBA, and prior to joining Siemens, he spent 15 years working in the Energy Sector.

# Running order

## WELCOME

David Laister, Editor, Humber BusinessLive

## KEYNOTE SPEAKER

Melanie Onn, Deputy Chief Executive, RenewableUK

## HEADLINE SPONSOR ADDRESS

Clark MacFarlane, CEO NE&ME and UK Managing Director,  
Siemens Gamesa Renewable Energy Ltd

## AWARD PRESENTATIONS

Green Innovation

Best Renewable Energy Project or Installation in the Humber Area

Engaging the Community/Community Project

Renewables Woman of the Year

Renewables Education

Excellence in Renewable Skills and Training

Small Business of the Year

Medium/Large Business of the Year

Humber Renewables Champion

**#HumberRenewables**

## Our host



Host  
**Emma Jesson**

Frequently recognised for her sunny “bye bye” sign-off, Emma Jesson is a popular face of ITV Weather - one of the longest serving weather presenters and one of the friendliest personalities on TV! Emma produces and presents news features and is particularly at home in her wellies presenting countryside programmes for the network. Currently, she also contributes to ITV's latest 'feelgood' national offering, All Around Britain, which is designed to help lift people's spirits during the pandemic. She is absolutely delighted to be invited to host The Humber Renewables Awards and wishes all the finalists the very best of luck.

*Follow Emma on Twitter at @EmmaJessonTV*



# Thanks to our sponsors

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Category sponsors



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# ENERGY BREAKFAST

your monthly bite-sized low-carbon update

## Responding to the **NET ZERO CHALLENGE:** How to Future-Proof your Business

**TIME AND DATE:**

**8:00-9:00am**

**Thursday 25 March**

**VENUE: Online**

- **Are you ready for the Green Recovery?**
- **Do you want to work more effectively with your supply chain?**
- **Are you keen to explore the business benefits of low-carbon innovation?**

Spring 2021 sees the digital return of the popular Energy Breakfast Series hosted by the University of Hull's Aura Innovation Centre and delivered in partnership with the East Riding of Yorkshire Council's ergo centre.

Join us, and other like-minded businesses, each month for a free, bite-sized breakfast event designed to keep you up-to-date on low-carbon and green energy solutions, product developments and innovations that are making an impact on businesses today.

Our first event of the series outlines the region's Net Zero challenge. We'll explore what Net Zero means for business and reveal some of the easy steps you can take now to reduce your business's carbon emissions.

To book your place at the first event of the series, and stay up-to-date, visit [www.aura-innovation.co.uk/events](http://www.aura-innovation.co.uk/events)



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the connected environment

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# Green Innovation

If green energy is ever going to compete with fossil fuels, it needs to bring down costs – and that is where this award comes in. It rewards firms of any size who champion efficiency and are not afraid to come up with inventive and unusual approaches.

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## Gigastack

Picking up the green baton where electrification isn't feasible, hydrogen is seen as the answer for heavy industry. Gigastack is the UK's flagship renewable hydrogen project, bringing together an ambitious consortium of Ørsted, Phillips 66, ITM Power and Element Energy. Together they are demonstrating the benefits of and potential for it, highlighting the regulatory, commercial and technical challenges to be overcome, while developing a blueprint for deployment.

## Humber Zero

The South Bank refinery-focused carbon capture and storage project is being led by Phillips 66 and Vitol. It has the potential to remove 10 million tonnes of CO<sub>2</sub> by 2030, with a funding pot currently targeted to take it into front end engineering and design works in 2021. A total of 2,500 jobs are highlighted in construction, while creating 200 permanent roles and safeguarding 20,000 in traditional industry.

The logo for Humber Zero, featuring the words "HUMBERZERO" in a bold, blue, sans-serif font, with the "ZERO" part in a slightly larger font size.The logo for Lifestyle Packaging, featuring the word "lifestyle" in a blue, lowercase, sans-serif font, with "PACKAGING" in a smaller, blue, uppercase, sans-serif font below it.

## Lifestyle Packaging

Part of Melton-based Origin Pharma Packaging, the business has brought forward BioPac, a ground-breaking formula that degrades at between 100 to 200 times faster than standard plastics. It is being pitched at the burgeoning vitamins and supplements health market but has wider applications as single-use remains a key issue to address. The technology behind it ensures it is biodegradable in landfill, compost or marine environments.

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# Best Renewable Energy Project or Installation in the Humber Area

This accolade is for the designers and manufacturers behind the best green energy installations. Judges looked for a winning project that produces clean power, is built to the highest of standards and shows off the region's world-class expertise.



## Dogger Bank - Arcus Consultancy Services

Planning, development and consent management was provided for the huge wind farm zone off the North East coast, with onshore cable, substation and associated works in East Yorkshire and Cleveland the focus. Arcus has undertaken environmental studies and provided technical support, with the regional presence ensuring all fieldwork was unaffected by Covid-19, subcontracting through desk study, ornithology and reporting phases.

## Hornsea One Offshore Wind Farm - Ørsted

The 1.2GW wind farm was completed in 2020, bringing the world leading title to the Grimsby base. It raised the bar across the globe, almost doubling capacity from the previous record-holder, and gaining international media attention. The 174 7MW turbines tower 190m above more than 400 sq km of North Sea. A total of 8,000 people were inducted to work on the build.



# Engaging the Community/ Community Project

This awards recognises a renewable energy project that has the community at its heart; whether that be through raising public awareness of renewable energy needs or involving a local community in a renewables industry project. Or a renewables project driven by a local community or organisation; ranging from solar panels on a community hall to industrial space taken over with a renewable installation.

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# RWE

 @RWE\_UK



## HFR Solutions CIC

The specialist training provider deals in prevention, preparation, response and recovery and is linked to Humberside Fire and Rescue Service. It supported Cleethorpes RNLI and Coastguard operations with a thermal image camera purchase, while pivoting during the pandemic to deliver face-fit testing of respiratory protection equipment to more than 300 frontline nurses and carers. Training taster days have also given insight into the importance of emergency response planning.

## Marketing Humber

A stellar line-up of high-profile figures, including Bank of England governor Andrew Bailey and then Energy Minister Kwasi Kwarteng, addressed the Waterline Summit and the Humber sat up and listened. The week-long event gained an audience of several thousand delegates thanks to a strong engagement campaign, its interactive nature and the weaving of art, competition and entertainment into the online exhibition arena alongside the virtual auditorium.



## Smart Energy Greater Lincolnshire Programme

More than 2,200 businesses have been engaged with the project that aims to save 2,488 tonnes of CO<sub>2</sub> a year, with 589 directly benefiting so far. It has also provided support to make 30 public buildings more efficient, ranging from schools and academies to leisure centres and town halls. Early results are showing some energy bills halving with the project on target, as a dedicated engagement officer turns interest into applications.

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# Renewables Woman of the Year

Introduced as a new category last year, this award aims to recognise and celebrate professional women working in the energy sector who go above and beyond business-as-usual. The judges looked for someone who has consistently demonstrated outstanding leadership, has contributed significantly to the expansion & improvement of the power sector or a young role model.



## Corrine Barry - RES

Described as a passionate and inspirational role model in multiple nominations, Corrine's efforts to link education and industry gain particular recognition. Her hugely-influential business presence was commented on, so too the incredible example for women in industry she sets as a leading light in the Humber community. As a director of GRP, she selflessly gives wherever required, while being a great advocate for the renewable industry.

## Katie Hedges - Catch

The driving force behind the push towards Net Zero in the Humber, Katie has pulled together key personnel across a complex energy intensive environment to present the industrial decarbonisation opportunity. A pivotal figure behind the Humber's position, she is described as the 'go to' person for advice on all elements, be it fuel switching or carbon capture and "someone who truly has a vision for the future of the Energy Estuary".



## Lauren McGee - Ørsted

Recently promoted to head of operations for Westernmost Rough offshore wind farm, Lauren joined Ørsted two years ago from Centrica and supports a site team of technicians. They have recently transferred out of the warranty agreement to full operatorship, with changes implemented by her to improve maintenance scheduling that have translated into better electricity generation and availability. She also heads up the internal East Coast Community Engagement programme.

# Renewables Education

This category rewards the educators who have done most to promote the value of clean power. It could be as part of an energy qualification or learning programme run by a university or college, or a one-off project at a primary or secondary school.

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## Marketing Humber

The Waterline Summit saw the Energy Estuary thrust into the national spotlight as it went from physical to virtual in 2020. As part of the launch, a bespoke educational online city-building game was launched with local companies behind it, while schools and universities were brought on board both as partners and delegates. Education was a key strand as the importance of decarbonisation was championed.

## Ron Dearing UTC

Hull's University Technical College describes clean energy as its whole reason for existing, producing a pipeline of talented employees as it addresses the STEM skills gap while supporting the renewable industry. A total of 500 students are offered a unique curriculum featuring 100 projects, including sustainable manufacturing. 2019 saw 60 per cent of the cohort gain apprenticeships in the region, while 37 per cent took STEM degrees at university. March saw it classed as outstanding by Ofsted.



## Smart Energy Greater Lincolnshire Programme

The £9.2m programme is a UK first, delivered in partnership with Germany's University of Applied Sciences. Monthly workshops for businesses to tap into have been a key feature and gateway to the support on offer in the North East Lincolnshire Council-led scheme. It also links with apprentices and education to ensure future generations are aware of the importance of efficiency and green choices.

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# Excellence in Renewables Skills and Training

The category is open to employers, specialist centres and education providers. They must have an established training programme, apprenticeship scheme, degree or other activity which is meeting the needs of individuals and the industry.



## HFR Solutions CIC

The organisation has helped to create a highly trained, adaptable, and multi-skilled workforce to support the Humber-based renewables sector as it has evolved to support the nation's energy requirements. It has developed tailored training models for use on weather days including advanced rescue and enhanced first aid while offering specific client-requested projects. HFR has also invested in mobile training units, while collaborating with others in the sector.

## Ørsted & Active Training Team

A new safety leadership induction centre, Thrive, was opened at Immingham in September. Purpose-built project for Hornsea Two offshore wind farm and a legacy for the area, the £1.4 million investment brings a new dimension to the sector. It sees inducted personnel engage in a day-long interactive multimedia programme designed to transform behaviours and attitudes to safety, with a hard-hitting narrative around an industrial fatality.



## University of Hull

Plugging the skills gap on patch, postgraduate apprenticeships with Siemens Gamesa and the development of masters courses to meet industry demand have been key highlights. Developed with industry strong relationships fostered have been capitalised upon to provide rich experiences. Masters programmes take into account specialist engineering and project management rules, where broader understanding is required. It is also behind Aura Centre for Doctoral Training, with funding for 75 scholarships currently in place.

# Small Business of the Year

Open to firms with up to 50 staff and recognises those which have spotted an opportunity in the renewables market. The finalists have demonstrated fast growth, a healthy profit and a solid plan for the future.

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## Head-On Renewables

Trading as EV Chargers UK, the Hull-based business supplies and installs electric vehicle chargers, and has been continually hiring to meet demand. Having initially set out to serve the Humber by the established electricians at Head-On Group, the circles are widening, covering business and domestic needs. Solar installation and repair is also an element, while battery storage is being prepared for by the proactive team.

## Lionheart Public Affairs

The political engagement, campaigns and communication specialist roared back to life in July to serve the Humber's decarbonisation agenda, having first been launched by Richard Royal in 2012. Vivergo's former head of government affairs and communications won awards for his work on the introduction of E10 fuel, and went on to become energy lead for Humber LEP. He is now engaged with Equinor on Zero Carbon Humber and H2H Saltend.



## Van Ameyde McAuslands

After more than 125 years of trading, turnover eclipsed £2 million in 2018, and now it is on target to hit £3 million - underlining the ethos that history is a solid foundation of integrity and reliability upon which to continue building. From vessels that relied on wind to sail, it now represents the world's biggest manufacturers of turbine components, providing inspection globally with new contract wins in Saudi Arabia and Kazakhstan.

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## Medium/Large Business of the Year

Running a major company is tough in any field but an emerging sector like renewable energy is even harder than most. Businesses have to be instantly adaptable, on top of the latest technology and ready to make the most of opportunities offered by the Government's green agenda. This award's winner will be a regional firm with at least 50 employees.



### myenergi

The eco-smart home energy management company has gone from a standing start to more than 70 staff in five years, shipping 67,000 British-built products in that time - with the Zappi EV charger the flagship. Turnover is expected to hit £8 million in the coming year, while it prepares to move to purpose-built headquarters as an exemplar company on North East Lincolnshire's latest business park.

### Ørsted

Named the world's most sustainable company as 2020 began, it went on to fully commission the world's largest offshore wind farm and actively pursue further uses for the electricity the sector leader produces, via the Gigastack project. It has developed a new immersive training concept for the industry while also acting as industry sponsor of the Humber Offshore Wind Cluster, building on the region's response to the Offshore Wind Sector Deal.



**UNIVERSITY  
OF HULL**

### University of Hull

Aura's creation has seen a collaborative cluster formed, bringing together global leaders like Siemens Gamesa and Ørsted with leading academics from Hull, Sheffield and Durham as well as non-government organisations. Since 2016, work has unlocked £30 million of funding, with the physical centre opening this year, helping to accelerate low carbon projects, drive innovation and deliver clean business growth. Despite the pandemic, more than 800 visitors were welcomed in the early months.



# Humber Renewables Champion

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The winner of this award will have a passionate focus on promoting the renewables industry. It could be an individual, public sector body or company - the key is a real focus on making the Humber the Energy Estuary. They will have tirelessly campaigned to promote green power. A worthy winner would be anyone who has helped attract new investment, encouraged the Government to support the region's ambitions or paved the way for more jobs. Judges were looking for candidates whose aim was not just to further their own business but create opportunities for everyone.

## Previous Winners



**2019** Emma Toulson, Lead Stakeholder Advisor, Ørsted



**2018** Spencer Group

**2017** Tim Rix, CEO, J.R Rix & Sons Ltd



**2016** Mike Cargill, Director, UK Stem

