

**GOW22****Tuesday 21 June***Day 1 theme: Next generation***09:00 – 10:00: A1: Growing offshore wind globally**

Offshore wind will play a vital role in the global race to net zero. Alongside meeting climate targets, renewable energy is also the clear pathway to ensuring energy security across Europe. Therefore, we must align efforts for security of supply with decarbonisation. With only 2% of offshore wind capacity needed for net-zero currently installed there is still a long way to go, and the current crisis in Ukraine highlights we don't have time to waste. What is being done to ensure the rapid, cost-efficient, sustainable growth of offshore wind globally?

Chair: **Dan McGrail**, Chief Executive, **RenewableUK****(Keynote) The Rt Hon Alok Sharma MP**, COP26 President, **UK Government****Clark McFarlane**, Managing Director, **Siemens Gamesa Renewable Energy****Danielle Jarski**, Chief Development Officer (CDO) Offshore Wind, **RWE Renewables****Paul Cooley**, Director of Offshore Wind, **SSE Renewables****Nils de Baar**, President of Vestas Northern & Central Europe, Group Senior Vice President, **Vestas****Diep Nguyen-van Houtte**, Senior Manager, **IFC Global Infrastructure****10:00 - 10:30: A2: In conversation with the UK Energy Minister**

An opportunity for the industry to ask their top questions concerning the future of the offshore wind and how the Net Zero Strategy will deliver the urgent climate action needed.

Chair: **Dan McGrail**, Chief Executive, **RenewableUK****The RT Greg Hands MP**, Minister for State, **Department for Business, Energy & Industrial Strategy***10:30 – 11:00 – Coffee & Networking***11:00 - 12:00: A3: 2030 Unlocked: Time to deliver**

To meet the crucial climate targets, industry needs to step and deliver unprecedented amounts of capacity. What is being done by government, stakeholders, and industry to **speed** up the delivery of projects to meet 2030 targets? Is the industrial capacity and supply chain ready to deliver offshore wind at the **scale** necessary? How is industry actively growing the workforce and fostering the essential **skills** to deliver net zero?

Chair: **Danielle Lane**, Chair, **OWIC****Duncan Clark**, SVP Head of Region UK, **Ørsted****Halfdan Brustad**, Vice President, **Equinor****Matthew Wright**, Head of Strategy and Regulation, **National Grid ESO****Sarah Redwood**, Director Renewable Energy Deployment, **Department for Business, Energy and Industrial Strategy****Will Apps**, Head of Development, **The Crown Estate***12:00 – 13:00 - Lunch & networking*

Stream A	Stream B
<p>13:00 – 14:00: A4: <b>Offshore wind &amp; marine nature enhancement</b></p> <ul style="list-style-type: none"> <li>• What risks and opportunities exist for nature enhancement in offshore wind development?</li> <li>• Who is responsible for the strategy, execution, and costs of nature enhancement?</li> <li>• What opportunities for cost-effective strategies exist and can be utilised in the build-out of new offshore wind farms?</li> <li>• Case studies: How have developers supported nature enhancement already?</li> </ul> <p>Chair: <b>Paul Peters</b>, Environmental Engineer, Artificial Reefs Program Lead, <b>Boskalis</b>  <b>Emma Hospes</b>, Global Head of Strategic Environment, <b>Orsted</b>  <b>Alex Meredith</b>, Project Director, Berwick Bank, <b>SSE Renewables</b>  <b>Dr. Andronikos Kafas</b>, New Offshore Wind Opportunities Manager, <b>Ocean Winds</b>  <b>Olivia Thomas</b>, Head of Marine Planning, <b>The Crown Estate</b>  <b>Daniel Bates</b>, Head of Consenting (UK &amp; SWE), <b>Vattenfall Wind Power</b></p>	<p>13:00 – 14:00: B4: <b>The next generation of offshore wind</b></p> <ul style="list-style-type: none"> <li>• What innovation in manufacturing, assembly, installation &amp; technology validation is needed to support the next generation of 15MW+ offshore wind turbines? What are the challenges and potential solutions? What additional challenges does floating wind bring?</li> <li>• What technology breakthroughs will be needed to overcome scaling challenges in blades and bearings as we look towards 20MW and beyond?</li> <li>• Will a natural winner emerge between direct drive or geared generators? What are the respective challenges that need to be overcome?</li> </ul> <p>Chair: <b>Tony Quinn</b>, Test &amp; Validation Director, <b>ORE Catapult</b>  <b>Krish Chettur</b>, Sector Lead-Generation &amp; Renewables, <b>Hitachi Energy</b>  <b>Wei Chen</b>, General Manager, <b>MingYang European Business &amp; Engineering Centre</b>  <b>Daniel Von Heimendahl</b>, Head of Offshore Technology Management, <b>Siemens Gamesa Renewables Energy</b>  <b>Albert Winnemuller</b>, Head of Global Deal Support, <b>Vestas</b>  <b>Sunjung Kim</b>, Deputy Country Manager, WTG Package Manager, <b>OWC</b></p>
<p>14:15 – 15:15: A5: <b>Building the net zero power grid</b></p> <ul style="list-style-type: none"> <li>• Policy update</li> <li>• How will our consumption of energy change as we move to a zero-carbon grid?</li> <li>• Where are the gaps in the current grid capacity? What solutions are being developed to close them?</li> <li>• How do we integrate long term storage into the grid?</li> </ul> <p>Chair: <b>Barnaby Wharton</b>, Director of Future Electricity Systems, <b>RenewableUK</b>  <b>Vijay Shinde</b>, Head of New Technology Solutions, <b>Siemens Energy</b>  <b>Stuart Borland</b>, Deputy Director, Offshore Network Regulation, <b>Ofgem</b>  <b>Rassim Hariz</b>, Global Leader - Partnerships &amp; Projects Development, <b>Elia Group</b>  <b>Joe Northwood</b>, Head of Commercial, Stakeholder and Delivery Strategy, <b>National Grid</b>  <b>Jane Cooper</b>, Director of Regulatory &amp; External Affairs, <b>Orsted</b></p>	<p>14:15 – 15:15: B5: <b>Financial sustainability in offshore wind</b></p> <ul style="list-style-type: none"> <li>• Assessing the impact of increasing commodity, freight and energy prices on the offshore wind supply chain</li> <li>• How is the increasing size of turbines impacting the global vessel fleet?</li> <li>• Is it sustainable?</li> <li>• What will the short- and long-term impacts on the energy transition be?</li> </ul> <p>Chair: <b>Oliver Metcalfe</b>, Head of Wind Research, <b>BloombergNEF</b>  <b>Karl Byrne</b>, Vice President, <b>BlackRock Real Assets   Infrastructure</b>  <b>Morten Buchgreitz</b>, GSVP, Global Offshore Commercial, <b>Vestas</b>  <b>Torgeir Ramstad</b>, EVP Vessels &amp; Offshore Resources, <b>Seaway 7</b>  <b>Katherine Phillips</b>, Managing Director, <b>Offshore Wind Consultants</b>  <b>Una Brosnan</b>, Head of Offshore Strategy &amp; New Markets, <b>Mainstream Renewable Power</b></p>

15:15 – 15:45 – Coffee & networking

Stream A	Stream B
<p>15:45 – 16:45: A6: GO GLOBAL: <b>What must happen to realise the full potential of the US offshore wind market?</b></p> <ul style="list-style-type: none"> <li>• With the first auctions underway, US offshore wind is starting to take off, but what needs to happen to make to turn these leases into projects?</li> <li>• How can the permitting process in the US be streamlined?</li> <li>• What solutions and innovations will help US offshore wind projects get connected to the grid?</li> <li>• Where can efficiencies be need made to ensure a sustainable growth of the US offshore wind supply chain?</li> </ul> <p>Chair: <b>Melinda Skea</b>, Vice President for Communications &amp; Media Relations, <b>Business Network for Offshore Wind</b>  <b>Jennifer Filtz Mundt</b>, Assistant Secretary for Clean Energy Economic Development, <b>North Carolina Department of Commerce</b>  <b>Hayes Framme</b>, Head of New Markets and Supply Chain, <b>Orsted</b>  <b>Philippe Kavafyan</b>, CEO, <b>Aker Offshore Wind</b>  <b>Stephen Boyle</b>, Director, RTO and Government Affairs, <b>Atlantic Power Transmission</b>  <b>Ragnhild Katteland</b>, Executive Vice President Subsea and Land Systems Business Group, <b>Nexans</b></p>	<p>15:45 – 16:45: B6: <b>Is it time to rethink net zero market design?</b></p> <ul style="list-style-type: none"> <li>• What impact does the government’s 2035, net zero grid, target have on the electricity market?</li> <li>• Is the current market instrument fit for net zero and a zero-carbon energy system?</li> <li>• What will the role of future system operator be?</li> </ul> <p>Chair: <b>Michael Chasser</b>, Economist and Market Analyst, <b>RenewableUK</b>  <b>Gordon Edge</b>, Head of Strategy, Stakeholders and Business Development, <b>Low Carbon Contracts Company</b>  <b>Rachel Fletcher</b>, Director Regulation and Economics, <b>Octopus Energy</b>  <b>Guy Newey</b>, Director of Strategy and Performance, <b>Energy Systems Catapult</b>  <b>David Wellard</b>, UK Regulatory Affairs Manager, <b>Orsted</b>  <b>Jan Kjaersgaard</b>, President &amp; CEO, Offshore Wind, <b>GE Renewable Energy</b></p>

17:00 – Official Networking Drinks Reception

**Wednesday 22 June**

*Day 2 theme: The green revolution*

**09:30 – 10:30: A7: Pathways to decarbonisation**

- The role of offshore wind in decarbonisation
- What does the business case for decarbonisation look like? Is it cost competitive?
- Benefits & opportunities for collaboration in the energy transition

Chair: **Stephen Bull**, Executive Vice President, **Aker Solutions**, Chair, **RenewableUK**

**Trine Borum Bojsen**, SVP North Sea Renewables, **Equinor**

**Emilie Reeve**, Executive Vice President, Offshore Wind Development, **Havfram**

**Charlie Jordon**, UK & Ireland Director, **ScottishPower Renewables**

**Ita Kettleborough**, Deputy Director, **Energy Transitions Commission**

**Mary Thorogood**, Government Relations, External Affairs and Communications Director, **Net Zero Technology Centre**

**Giles Dickson**, Chief Executive Officer, **Wind Europe**

*10:30 – 11:00 – Coffee break & networking*

**11:00 – 12:15: A9: Floating wind: Building a global industry**

- Update on the global floating wind pipeline
- Delivering port infrastructure to support government's raised ambitions
- What opportunities are available for the supply chain as the UK increases its ambition for floating offshore wind?
- Leveraging the UK's experience in oil and gas to drive cost reduction of FOW technology globally
- The role of innovation in the supply chain in driving the floating wind revolution

Chair: **Andrew Jamieson**, Chief Executive, **ORE Catapult**

(Keynote) **Michael Matheson**, Cabinet Secretary for Net Zero, Energy and Transport, **Scottish Government**

**Gabriel Davies**, Global Program Director for Floating Wind, **Ørsted**

**Pablo Necochea**, Lead Developer Floating Segment, **Vestas**

**Stephane Cicoella**, Head of Commercial Floating Wind, **Shell**

**Chris Willow**, Head of Floating Wind, **RWE Renewables**

**Andy Reay**, Head of Offshore Wind, **Associated British Ports**

*12:15 – 13:15 - Lunch & networking*

Stream A	Stream B
<p>13:15 – 14:15: A10: GO GLOBAL: <b>Developing offshore wind in India</b></p> <ul style="list-style-type: none"> <li>• Update on recent government announcements and offshore wind tenders in India</li> <li>• What data is required to put together a bid for an offshore wind auction?</li> <li>• EIA requirements for offshore wind</li> <li>• What should an Offshore Wind PPA include to make it bankable?</li> </ul> <p>Chair: <b>Mark Leybourne</b>, PhD, Senior Energy Specialist – Offshore Wind, <b>World Bank</b>  <b>Government of India</b>  <b>Barbara Geelen</b>, Chief Financial Officer, <b>Fugro</b>  <b>James Battensby</b>, Head of Research Business Development, <b>ORE Catapult</b>  <b>Leisha Blackburn</b>, Senior Business Origination Officer, <b>UK Export Finance</b></p>	<p>13:15 – 14:15: B10: <b>How can the offshore wind sector seize the power-to-X opportunity?</b></p> <ul style="list-style-type: none"> <li>• Green hydrogen production &amp; storage projects updates</li> <li>• What government support is available for pilot projects?</li> <li>• What are the regulatory barriers to deployment?</li> <li>• Creating supply and demand in parallel to drive down costs. Is there enough incentive for industry to switch to renewable sources?</li> <li>• What is the OEM perspective on the integration of technology?</li> <li>• The power of partnerships</li> </ul> <p>Chair: <b>Barnaby Wharton</b>, Director of Future Electricity Systems, <b>RenewableUK</b>  <b>Ajai Ahluwalia</b>, Principal Strategy and Business Developer, <b>Equinor</b>  <b>Sian Lloyd Rees</b>, UK Managing Director, <b>Aker Offshore Wind</b>  <b>Joergen Scheel</b>, Head of Demonstration &amp; Piloting (Power to X), <b>Siemens Gamesa Renewable Energy</b>  <b>Annant Shah</b>, Director of Strategy &amp; Route to Market, <b>SSE Renewables</b>  <b>Anna Dunbar</b>, Senior Offshore Development Manager, <b>Mainstream Renewable Power</b></p>

14:30 – 15:30: A11: **Offshore Wind Future Leaders: What next?**

Hear from the RUK shadow board as they reflect on their key takeaways from GOW22. Bring an open mind and be prepared to take part in the conversation, with an interactive Q&A and polls. This is the opportunity to explore everything you've learnt over the two days and discuss what the future holds for the offshore wind industry.

Chair: **Melanie Onn**, Deputy CEO, **RenewableUK**  
**Kerry Hayes**, Floating Wind Project Development Manager, **Simply Blue Energy**  
**Alex Fowler**, Head of Offshore Service Extension Sales, **Siemens Gamesa Renewable Energy**  
**Rakesh Chand**, Global Offshore - Digital Manager, **ScottishPower Renewables**  
**Amisha Patel**, Head of Policy and Public Affairs (Global), **Mainstream Renewable Power**  
**Johnathan Love**, Project Manager, **ORE Catapult**

15:30 - End of conference