

Offshore Wind Wānanga 2022

Enabling Offshore Wind

23 August, InterContinental Hotel, Wellington, New Zealand and online

Programme



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2022 Wind Energy Conference**Offshore Wind Wānanga**

23 August 2022

InterContinental, Wellington and online

**Enabling Offshore Wind Energy**

Lunch and networking 12.00 - 1.00	
Welcome 1.00 - 1.10	<ul style="list-style-type: none"> Grenville Gaskell, NZWEA
Session 1 Introducing offshore wind 1.10 - 2.20	Facilitator: Tom Young, Offshore Wind Working Group
	Offshore wind 101 <ul style="list-style-type: none"> Giacomo Caleffi, Copenhagen Offshore Partners
	The logistics of developing offshore wind <ul style="list-style-type: none"> Peter Spencer, Parkwind NV
	Delivering enduring benefits - what offshore wind can offer <ul style="list-style-type: none"> Simon Currie, JV BlueFloat / Energy Estate
Session 2 Enabling offshore wind 2.20 - 3.30	Facilitator: Shawn Wolfe, GHD
	Developing the regulatory framework <ul style="list-style-type: none"> Andy Evans, Oceanex
	Working in the marine environment <ul style="list-style-type: none"> Dan Govier, SLR Consulting
	Engagement and partnering with Iwi <ul style="list-style-type: none"> Brendon Green, Kaitiaki Advisory
Afternoon tea 3.30 - 4.00	
Session 3 Wānanga 4.00 - 5.00	Facilitator: Jen Natoli, E tū
	Question 1 – What are the key actions necessary to ensure offshore development is successful and supports a productive and inclusive economy?

<p>Session 4</p> <p>The Panel</p> <p>5.00 - 5.30</p>	<p>Facilitator: Dr Cristiano Marantes, Ara Ake</p> <p>Panel topic - Are offshore and onshore wind complementary? Do they have different roles in markets, energy systems and society?</p> <ul style="list-style-type: none"> ▪ Jarek Pole, JV BlueFloat / Energy Estate ▪ Dr Ian Mason, University of Canterbury ▪ Chantelle Bramley, Transpower ▪ Grant Telfar, Meridian Energy ▪ Greg Sise, Energy Link
<p>Networking - drinks and canapés</p> <p>5.30 - 6.30</p>	

Speaker profiles

Tom Young

Offshore Wind Working Group



Tom is the current Chair of the New Zealand Offshore Wind Energy Working Group. He has held a number of positions as both consultant and developer of renewables projects most recently as Environment Consents Manager for Red Rock Power in the UK. Tom has sat on a number of industry working groups and secured multiple consents including for the 700MW Inch Cape offshore wind farm, onshore and offshore transmission works. Now based in Auckland, Tom is the NZ Lead for the Infrastructure Sustainability Council.

Giacomo Caleffi

Copenhagen Offshore Partners



Giacomo Caleffi is the NZ Senior Business Development Manager for Copenhagen Offshore Partners (COP), a leading and experienced provider of project development, construction management, and operational management services to offshore wind projects. In his role at COP, Giacomo is leading the development of the offshore wind project by NZ Super Fund and Copenhagen Infrastructure Partners in the South Taranaki Bight.

Prior to joining COP, Giacomo was the Chair of the NZ Offshore Wind working group and worked as structural engineer on several offshore wind projects around the world (UK, Germany, US, Taiwan) for engineering consultancies Ramboll, Arup and ISC.

Giacomo is based in Wellington.

Peter Spencer

Parkwind NV



Passionate about offshore wind, Peter is a New Zealander who started in this industry in 2007 at the specialist Danish engineering firm, ISC Consulting Engineers. Over the subsequent 15 years Peter has been key to delivering critical infrastructure including offshore substations and WTG foundations. To date, Peter has undertaken detailed design on 28 offshore wind farms installed around the world, with a combined capacity exceeding 13GW. In the last five years Peter has also been working on projects in the emerging markets of US and Taiwan.

Peter was appointed by Parkwind in April this year as country manager for them in Aotearoa New Zealand and Australia. This is Parkwind's first move outside of Europe and in recognition of the market's high potential.

Simon Currie

JV Blue Float / Energy Estate



Simon Currie is the co-founder of Energy Estate. Energy Estate is a zero emissions independent energy producer. Simon has over 20 years of experience in the offshore wind sector from the very early days in Europe. He is a passionate advocate of delivering enduring benefits to regional communities and building local supply chains.

Shawn Wolfe

GHD





Shawn is an experienced finance executive, project leader, commercial advisor and company director with particular focus on infrastructure projects, regulated businesses, government advisory and sustainability. Shawn has worked across energy, water, waste, transport, and social and public infrastructure. His experience ranges across industry reforms, privatisations, option analyses, business cases, project procurement, contractual structuring and commercial negotiations.

Shawn has held senior positions with KPMG, the Victorian Government (contracted), PricewaterhouseCoopers, Goulburn Valley Water and GHD Advisory. He has lived and worked in Australia, London and Washington D.C.

Andy Evans	Oceanex
 <p>Andy Evans is a co-founder and the Chief Executive Officer of Oceanex Energy, a developer of large-scale offshore wind energy projects located off the coast of Australia and associated land-based infrastructure required to deliver energy to market. Prior to co-founding Oceanex Energy, Andy was one of the co-founders and inaugural CEO of the Star of the South, Australia's first proposed offshore wind farm, with a proposed capacity of approximately 2,000MW, located off the south coast of Gippsland, Victoria, and also the holder of the first set of exploration rights for offshore wind farms granted in Australia.</p> <p>In addition to Oceanex Andy is also progressing other ventures in the energy sector including the acceleration of the uptake of battery electric and hydrogen-fuelled heavy (trucks) and passenger vehicles (through NewVolt Infrastructure) through the development of a network of clean energy generation assets and charging/fuelling infrastructure.</p>	
Dan Govier	SLR Consulting
 <p>Dan Govier is a Technical Director and the Asia Pacific Technical Discipline Manager for SLR's Marine Science team. Dan has a Master's Degree in Marine Science, a Post-Grad Diploma in Marine Science and a Bachelor of Science Degree from University of Otago. Dan has 20 years' of professional experience across New Zealand and Australia, specialising in marine consent applications, impact assessments, assessment of environmental effects, environment plans, stakeholder engagement, marine mammal impact assessments, marine ecological surveys and environmental monitoring programmes.</p> <p>Dan has provided environmental services and advice to all aspects of the offshore oil and gas sector and the associated regulatory regime over the last twenty years. Dan worked with a number of clients through the interim, transitional and current provisions of the EEZ Act so has seen how offshore marine regulations develop through to full enactment. The offshore oil and gas industry provides the most relevant regulatory guidance for the development of offshore wind regulations and there are many learnings which can be applied to assist in streamlining offshore wind applications.</p>	
Brendon Green	Kaitiaki Advisory
 <p>Brendon is of Ngati Hikairo (Tainui waka) and Ngapuhi descent and brings experience from both sides of the table where he has played instrumental roles in the development of projects with specialist experience in energy, forestry, oil & gas, water, geothermal, dairy and minerals.</p> <p>Brendon brings over 20 years experience in resource development having worked in and with some of NZ's and the world's largest corporates. Companies worked for include the NZ Dairy Board, Contact Energy, General Electric and Mighty River Power – Mercury. Companies worked with include BP, Exxon Mobil, Chevron, NBC-Universal, Iberdrola, Watercare and Fonterra.</p>	
Jen Natoli	E tū
 <p>Jen has a Master's degree in geology from Oregon State University, and undergraduate BA in geology from Cornell College. She has been active in trade unions since 2001. Jen first came to Aotearoa in 2005, living in Auckland, but has been in Taranaki since 2012.</p> <p>Jen's currently a Team Leader with E tū, Inc, the largest private-sector trade union in Aotearoa. She brings 20 years of experience understanding the labour market and organising union members to win better lives, progressing their career, skills and pay. Jen's a member of the Taranaki Regional Skills Leadership Group (part of the ROVE) and Deputy Chair of Ngā Kaiwhakatere o Taranaki, her region's governance group for economic diversification and just transition.</p>	

Dr Cristiano Marantes	Ara Ake
	<p>Dr Cristiano Marantes is the Chief Executive of Ara Ake (New Zealand's New Energy Centre), a role he started in September 2020. Having worked in different international markets, Cristiano is a highly experienced energy sector leader with an extensive engineering background and an informed worldview on the potential of technologies and business opportunities that will likely emerge in a low emissions energy future. He has a life-long passion for enabling this future, through strong leadership, innovation and knowledge of new low emissions energy solutions.</p>
Jarek Pole	JV Blue Float / Energy Estate
	<p>Jarek Pole supports BlueFloat Energy's project development activities in APAC region, with focus on New Zealand, where he has been actively contributing towards the advancement of the offshore wind industry. He has been involved in the renewable energy sector for most of his professional life. His career in the Offshore Wind industry gave Jarek a privilege to work on several international markets. He was involved in wind project development in France, UK, Poland, Portugal and a few other countries in Europe.</p>
<p>Jarek brings a strong commercial and engineering track record in renewables having worked for leading wind turbine manufacturers (Siemens Gamesa) and utilities in Europe (EDPR and Engie). He was involved in supply chain management, project management and development, design coordination and business development of onshore, offshore wind and solar PV projects.</p>	
<p>Jarek lives in Nelson and has actively contributed towards the country's energy transition since he moved here in 2015.</p>	
Dr Ian Mason	University of Canterbury
<p>Ian is a Renewable Energy Systems Engineer and as such is interested in how all the components of renewable energy systems interact with each other, and in the design of energy systems informed by the laws of physics, environmental limits and social goals. At the University of Canterbury he created the MEngSt (Renewable Energy) degree, created and taught courses including 'Sustainable Energy Systems', 'Energy Systems Modelling and Analysis' and 'Energy, Technology & Society', and co-created and taught into the core undergraduate paper 'Sustainable Engineering for a Changing Climate' which introduced climate science, mitigation and adaptation into the BE(Hons) (Civil/NatRes) degree. His research outputs include publications on 'A 100% renewable electricity system for NZ', 'Transitioning NZ to 100% renewable energy', both of which have informed present NZ government energy policy positions, and 'Offshore Wind for NZ' which has stimulated a keen interest in developing offshore wind in NZ. Ian has collaborated with social science colleagues on a four-year Marsden-funded project entitled 'Carbon Neutrality-fact or fiction', during which time he became interested in environmental psychology. He is a co-founder of the 'NZ Offshore Wind Working Group' and is presently researching a project investigating the potential role of offshore wind in a 'Just Transition' to renewable energy in NZ.</p>	
Chantelle Bramley	Transpower
	<p>Chantelle has recently joined Transpower as the General Manager, Strategy and Customer. She came from Essential Energy, the distribution network owner and operator for regional and rural New South Wales, Australia, where she held the role of Executive General Manager, Corporate Affairs. An economist by training, Chantelle has more than 15 years' experience in the international energy and electricity sectors. She was the Executive General Manger, Strategy and Economic Analysis at the Australian Energy Market Commission and also worked in senior strategy roles at Direct Energy, one of North America's largest vertically integrated energy retailers.</p>

Grant Telfar	Meridian Energy
	<p>Grant is an Industry Advisor at Meridian Energy. He has been employed by Meridian in specialist economic, strategic, and power system modelling and analysis roles in NZ and Australia since 1999. Prior to 1999, he worked as an energy sector analyst in New Zealand, Singapore, Malaysia, the UK, and in Australia.</p> <p>Grant's specialist areas include the economics of power system supply and demand as focused on future system needs, renewable power, and on the decarbonization of the NZ economy. Grant's expertise in hydro-thermal power system modelling and analysis has been used from operational decision making through to long-term investment.</p>
Greg Sise	Energy Link
	<p>Greg set Energy Link in 1996 to develop software tools for electricity market modelling (EMarket and EMO) and to provide forecasting, modelling and advisory services to market participants in the newly formed wholesale market. He has contributed to the development of the electricity market as a member of key industry working groups and on the Board of EECA, and he is an Honorary Research Fellow in the Accounting and Finance Dept at the Uni of Otago, working on research relating to carbon and energy finance. Recently he has worked on how the electricity market will get to 100% renewables.</p>

List of delegates

Organisation	Name	
4Sight Consulting Limited	Brad	Clarke
4Sight Consulting Limited	Mark	Ashby
4Sight Consulting Limited	Ryan	Piddington
Anderson Lloyd	Anton	Trixl
Ara Ake	Jonathan	Young
Aurecon	Blair	Walter
Aurecon	James	Cameron
Beca Limited	Peter	McCafferty
Beca Limited	Elizabeth	Timings
Beca Limited	George	Howat
Beca Limited	Nick	Cozens
Boffa Miskell	Robert	Schofield
Boffa Miskell	Sam	Parsons
Climate Change Commission	Sean	Buchanan
Contact Energy Ltd	Tony	Rovers
Department of Conservation	Anton	van Helden
DNV	Rose	Divjak
Dynamech Ltd	Craig	Douds
Dynamech Ltd	Robert	Lees
EECA	Cory	Sutherland
Elemental Group	Brett	Rogers
Elemental Group	Lane	Simkin
Elemental Group	William	Thorp
Energy Estate	Luke	Panchal
Energy News	Eamon	Rood
Energy News	Greta	Yeoman
E tū	Mark	Anderson
E tū	Stefan	Freeman
Eurus Energy Australia Developments	Darwin	Butingan
Eurus Energy Australia Developments	Yoshinori	Tomokuni
Fortescue Future Industries	Amy	Barrett
Fortescue Future Industries	David	Kemshall
Genesis Energy	Emma	Holloway
GHD	Shawn	Wolfe
GHD	Taraz	Saba
Goodman Energy	David	Rubery
Greenwood Roche	Brigid	McArthur
Greenwood Roche	Nick	Dunn
Greenwood Roche	Steve	Woodfield
Higgins Contractors Ltd	Lance	McMillan
Higgins Contractors Ltd	Graeme	Tonks
Higgins Contractors Ltd	Stephen	Hough

Organisation	Name	
I3 Consulting Pty Ltd	Roderick	Hetherington
ISS	Bruce	Forsyth
ISS	Shane	Gleeson
JASCO Applied Sciences	Victoria	Warren
Manawa Energy	Todd	Mead
Marais Laying NZ	Hamil	Pala
MCD Group	Richard	Galloway
Mear Consulting	James	Mear
Mercury	Stephanie	Cook
Meridan Energy	Arran	Whiteford
Meridan Energy	Benjamin	Mossman
Meridan Energy	Brett	Halkett
Meridian Energy	Chris	More
Meridian Energy	Chris More	New perosn TBC
Meridian Energy	Emma	Arendse
Meridian Energy	Gene	Sams
Meridian Energy	Marcello	Rodriguez Fernando
Meridian Energy	Mark	Harris
Meridian Energy	Nick	Bowmar
Meridian Energy	Rebecca	Knott
Meridian Energy	Sikandar	Ali
MetService	Dr Ulrich	Ebling
MetOcean Solutions	Séverin	Thiébaut
Ministry of Business, Innovation and Employment	Amelie	Goldberg
Ministry of Business, Innovation and Employment	Anup	Mohan
Ministry of Business, Innovation and Employment	Ayesha	Amin
Ministry of Business, Innovation and Employment	Jason	Hall
Ministry of Business, Innovation and Employment	Monique	McKeown
Ministry of Business, Innovation and Employment	Renali	Narayan
Ministry of Business, Innovation and Employment	Steve	James
Ministry for the Environment	Clint	Betteridge
Minter Ellison Rudd Watts	Geoff	White
Minter Ellison Rudd Watts	Natasha	Hood
Mitton ElectroNet	Brad	Henderson
Mitton ElectroNet	Kieran	Kennedy
ElectroNet	Philip	Gardyne
New Zealand Infrastructure Commission	Virginia	Moss
New Zealand Trade and Enterprise	Will	Perriam
NIWA	David	Thomas
NZ Super Fund	Brendan	Jones
Nova Energy	Bob	Warnock
Oceanex Energy	Peter	Sgardelis
OMV New Zealand Ltd	James	Hare
Pioneer Energy	Callum	Dimond

Organisation	Name	
Pioneer Energy	Peter	McClellan
Roaring 40s Wind Power	Steve	Harding
RPS Group	Lance	Furniss
Russell McVeagh	Mel	Fern Johnson
Russell McVeagh	Peter	Callus
Siemens Gamesa	Phil	Lofthouse
Simpson Grierson	Matt	Conway
Simpson Grierson	Hamish	Harwood
Smith Crane and Construction Ltd	Lawrence	McBreen-Smith
Sumitomo Corporation	Sean	McLeod
Technical Rigging Services	Karl	Cromarty
Torea Environmental	Alison	Lane
University of Canterbury	Jace	Carson
Utopus Insights	Tom	Prestney
Vestas Australian Wind Technology	Chloe	Bell
Vestas Australian Wind Technology	Kilani	Fisher
Vestas Australian Wind Technology	Dale	Nicholls
Wind Quarry, Zealandia Limited	Patrick	O'Meara
Worley NZ	Philip	Furr
Worley NZ	Victoria	Apablaza
Yinson	Trevor	Nash
	Andrew	Chalmers

List of on-line delegates

Organisation	Name	
Absolute Certainty	John	Haylock
AECOM	Anant	Prakash
Beca Limited	Andrew	Wallace
Boffa Miskell	Charles	Horrell
Concept Consulting	Frank	Geoghegan
Concept Consulting	Luke	Schwartfeger
Copenhagen Offshore Partners	Mathieu	Pichault
E tū	Tania	Sadler
Jacobs	Dougal	McQueen
Meridan Energy	Andrew	Guerin
Meridian Energy	Hamish	Laing
Ministry of Business, Innovation and Employment	Maile	Giffin
Ministry of Business, Innovation and Employment	Miles	Dunkin
NIWA	Joshua	Mountjoy
Power Consultants Limited	Ron	Davey
Riley	Edwyn	Ladley
RPS Group	Tamara	Al-Hashimi
University of Auckland	Le	Wen

THANK YOU

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75
TREES

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NZ Wind Energy Association
www.windenergy.org.nz