



Floating Wind Solutions 2023

Commercialization – The Era of Serialization at GW Scale

Conference Program

Floating Wind Solutions, Conference & Exhibition
The Marriott Marquis, Houston
30 January - 1 February, 2023

Organized by



BW *ideol*

「 GLOBAL LEADER IN
FLOATING OFFSHORE
WIND

」



Building the offshore industry of the future with you



In 2022, our welding solutions were the number one choice for new offshore wind factory investment worldwide. At Lincoln Electric, we provide equipment and training for the fabrication of wind towers, foundations and other critical components in the offshore wind industry.

Find Out More



The Lincoln Electric is a proud member of Business Network for Offshore Wind and serves as a Board Member of Global Wind Energy Council (GWEC). Learn more about our commitment to sustainability here: www.sustainability.lincolnelectric.com

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Floating Wind Solutions

Floating Wind Solutions is the largest global Conference & Exhibition dedicated to Floating Wind in the USA. The mission of FWS is to showcase the many capabilities of the established Global Offshore Supply Chain and create a platform for bridging Supply and Demand while facilitating development of this industry. Floating Wind Solutions utilizes this platform to bring together the many critical players within the Wind and Offshore industries enabling accelerated adoption of Floating Wind Energy globally. This premier event's primary goal is to accelerate the Energy Transition, by focusing on the industrialization and commercialization of Floating Wind Energy. A world class Advisory Board of industry experts supervise the conference content safeguarding the program; FWS along with our Advisory Board and other stakeholders are committed to the principles of this mission. The FWS 2021 and 2022 Conference programs excelled in a strong line-up of subject matter experts from all over the globe showcasing proven know-how, experience and technology, readily available to the industry. These editions of FWS proved a resounding success with its stakeholders and was the by far most discussed event on social media.



Late 2022 Equinor started producing power from the first installed floating turbines of Hywind Tampen's eventual eleven units.
Photo courtesy of Equinor.



In 2018, Quest launched the SaaS business Q FWE – Quest Floating Wind Energy, LLC., a company focused on Economics & Finance, Technology and Market Intelligence within the alternative energy landscape of offshore wind, specifically floating wind energy. Based on over a 100-years of combined experience in all relevant aspects and disciplines of the Global Energy Industry, Quest Floating Wind Energy provides strategic advisory and consulting to end-clients within the global Energy and Financial sectors. Q FWE delivers highly focused market intelligence tools, products and services to the entirety of the Renewables Supply Chain across offshore wind encompassing Floating and Bottom-fixed.

The mission is to unite, educate and expand the global offshore floating wind industry leveraging Quest Offshore's resources and vast experience to bring together the various disciplines and services within this burgeoning sector. Over the past 4 years, Q FWE has gained hundreds of subscribers and thousands of followers and is recognized as the leading provider of market intelligence in the Floating Wind Energy industry.

Quest Offshore possesses expert knowledge of the entire Energy Value Chain with decades of experience empowering our clients with Clarity, Insight and Vision. Quest is dedicated to providing market expertise, strategy & advisory and technical conferences to our Offshore Energy clients including MCE Deepwater Development, the leading deepwater oil & gas event in Europe, now in its 18th year. In addition Quest co-owns and organizes the Deepwater Executive Summit and the Global Offshore Brazil Summit. Quest was the managing partner of the premier edition of OTC Brasil and was the creator of numerous other Offshore Energy events, such as Subsea Houston, Marine Construction Houston, DeepGulf and the Offshore Risk Forum. In 2023 Quest Offshore will launch a new Offshore Wind event in Brazil, FWS South America Offshore Wind, in conjunction with Quest FWE and Brazil Energy Insight.

For more information please contact Andrew Chadderdon

Quest Floating Wind energy, L.L.C.
77 Sugar Creek Center Blvd., Ste 310
Sugar Land, TX 77479
USA
+1 (281) 725 7664
andrew.chadderdon@questfwe.com





Lars Samuelsson
Manager, Offshore Accounts



Tom Fulton
Head of Renewables
Mooring Development



William Cooper
Managing Director



David Patruska
Senior Advisor - Floating Systems



Bo Jardine
Chief Innovation Officer



Bruno Geschier
Chief Sales & Marketing Officer



Alla Weinstein
Founder & CEO



Hans-Petter Ovrevik
Chief Commercial Officer



Cory Gessert
VP Project Development & Engineering



Joaquin Serrano
VP Business
Development & Commercial



Jon Halliburton
Managing Director



Leif Delp
Head of Floating Offshore Wind Technology



Celine Gerson
President & Group Director Americas



Steve Rampton
Vice President



Henrik Baltscheffsky
Director, Business Development



Ignacio Pantojo
Floating Offshore Wind Department Manager



David Bloom
Representative



Jonah Margulis
Senior Vice President US Operations



Boyd Howell
Director of Sales and Marketing



Gry Rostrup
Lead Business Developer, Floating Wind



Dr. Amy Robertson
Principal Engineer



Tyler Studds
Head of Offshore Wind
Business Development – West Coast



Shadi Awwad
Business Development Manager
Renewables



Jacob Edmonds
Head of Innovation & Digital



Larry Carlisle
Sr. Marketing Analyst
OSI Renewables™



Marco Wiedijk
Vice President Business Development



Denis Matha
Chief Consultant
Floating Offshore Wind Team Lead



Darius Snieckus
Editor in Chief



Chris Willow
Head of Floating Wind
Development



James Hammock
Engineering Manager
Offshore Wind Americas



Francesco Tripodi
Business Development
Manager-Americas



Laurent Verdier
Renewables Product Line Director



Carl-Petter Halvorsen
Business Development Director



Lydia Lostan
Business Development Lead,
Offshore Wind Americas



Saverio Ventrelli
Global Business Development
for Offshore Wind and Solar



Kevin Banister
Chief Development Officer, International



Thomas Agnevall
Managing Director



Michael Ellis
Business Development Manager,
Global Moorings and Floating Wind



Willy Gauttier
VP Floating Offshore Wind



Jerica Nolte
Floating Wind Manager



Nick Prokopuk
Offshore Wind Business Developer



Chris Barton
Sr. Vice President
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Director of Operations (Boston)



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Monday - Jan. 30, 2023

10:00 am - 07:15 pm	Registration (Texas Ballroom Foyer)	Exhibit Hall Open & Badge Pickup	
12:15 pm - 07:15 pm	Exhibition area, Texas Ballroom D-H	Light sandwich lunch	 
01:30 pm - 03:15 pm	Keynote Session I - Texas Ballroom A-C	'Spotlight on Developers' Floating Wind Developers share Their Views & Portfolios	
03:15 pm - 04:00 pm	Exhibition area, Texas Ballroom D-H	Coffee Break	
04:00 pm - 05:45 pm	Keynote Session II - Texas Ballroom A-C	'Spotlight on Developers' Floating Wind Developers share Their Views a& Portfolios	
05:45 pm - 07:15 pm	Exhibition area, Texas Ballroom D-H	Ice Breaker Reception	

Tuesday - Jan. 31, 2023

07:00 am - 07:30 pm	Registration (Texas Ballroom Foyer)	Exhibit Hall Open	
07:00 am - 08:00 am	Exhibition area, Texas Ballroom D-H	Breakfast	
08:00 am - 09:45 am	Session I - Texas Ballroom A-C	Floating Wind: Transfer Learnings of Deepwater Development	
09:20 am - 09:45 am	David Mitzner room	FWS Deep Dive Sessions with Q&A	
09:45 am - 10:30 am	Exhibition area, Texas Ballroom D-H	Coffee Break	
10:30 am - 12:00 pm	Session II - Texas Ballroom A-C	Environmental & Regulatory – Runway & Strategies Towards Permitting	
11:35 am -12:00 pm	David Mitzner room	FWS Deep Dive Sessions with Q&A (David Mitzner room)	
12:00 pm -01:15 pm	Exhibition area, Texas Ballroom D-H	Lunch	
01:15 pm - 03:00 pm	Session III - Texas Ballroom A-C	Finance, Insurance and Risk	
02:35 pm - 03:00 pm	David Mitzner room	FWS Deep Dive Sessions with Q&A (David Mitzner room)	
03:00 pm - 03:45 pm	Exhibition area, Texas Ballroom D-H	Coffee Break	
03:45 pm - 05:30pm	Session IV - Texas Ballroom A-C	Project Execution – Planning Across the Lifecycle & Installation Considerations	
05:05 pm - 05:30 pm	David Mitzner room	FWS Deep Dive Sessions with Q&A (David Mitzner room)	
5:30 pm - 06:15pm	Session V - Texas Ballroom A-C	Aker Solutions Lead - Floater Evaluation & Selection - Panel Discussion with Thought Technology Leaders	
06:15 pm - 07:45 pm	Exhibition area, Texas Ballroom D-H	Evening Reception	

Wednesday - Feb. 1, 2023

07:00 am - 01:30 pm	Registration (Texas Ballroom Foyer)	Exhibit Hall Open	
07:00 am - 08:00 am	Exhibition area, Texas Ballroom D-H	Breakfast	
08:00 am - 09:45 am	Session VI - Texas Ballroom A-C	Supply Chains (Assets & People), Supplier Diversity and Logistics	
09:15 am - 09:45 am	David Mitzner room	FWS Deep Dive Sessions with Q&A	
09:45 am - 10:30 am	Exhibition area, Texas Ballroom D-H	Coffee Break	
10:30 am - 12:15 pm	Session VII - Texas Ballroom A-C	Infrastructure issues – Port & Harbor, Grid, Distribution	
11:45 am -12:15 pm	David Mitzner room	FWS Deep Dive Sessions with Q&A	
12:15 pm -01:30 pm	Exhibition area, Texas Ballroom D-H	Lunch	
01:30 pm - 03:15 pm	Session VIII - Texas Ballroom A-C	Operations & Maintenance (Life of Field)	
02:45pm - 03:15 pm	David Mitzner room	FWS Deep Dive Sessions with Q&A	
03:15 pm - 04:00 pm	Exhibition area, Texas Ballroom D-H	Coffee Break	
04:00 pm - 10:00 pm	Exhibition area, Texas Ballroom D-H	Exhibits Tear-down	
04:00 pm - 05:45 pm	Session IX- Texas Ballroom A-C	Mooring Systems Design, Transport & Installation	
05:45 pm - 06:00 pm	Texas Ballroom A-C	Speaker Awards	
06:00 pm - 07:00 pm	Biggio's	Post-Show Happy Hour (Biggio's)	

10:00 am - 07:15 pm

Registration (Texas Ballroom Foyer)



11:00 am - 07:15 pm

Exhibit Hall Open & Badge Pickup

12:15 pm - 01:30 pm

Light sandwich lunch (Exhibition area, Texas Ballroom D-H)



Keynote Session I - Texas Ballroom A-C

01:30 pm - 03:15 pm

'Spotlight on Developers' Floating Wind Developers Share Their Views and Development Portfolios



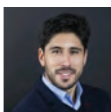
Keynote : Presentation by Dominik Schwegmann
Head of Development Offshore U.S. West, RWE Renewables Offshore



Keynote : Presentation by Gabriel Davies
Floating Offshore Wind Program Director, Ørsted



Keynote : Presentation by Ignacio Pantoja
Floating Offshore Wind Department Manager, Iberdrola



Keynote : Presentation by Jorge Porres
Director Technology and Supply Chain, BlueFloat



Keynote : Presentation by Jonah Margulis
Senior Vice President US Operations, Mainstream Renewable Power

03:15 pm - 04:00 pm

Coffee Break (Exhibition area, Texas Ballroom D-H)



Keynote Session II - Texas Ballroom A-C

04:00 pm - 05:45 pm

'Spotlight on Developers' Floating Wind Developers Share Their Views and Development Portfolios



Keynote : Presentation by Kevin Banister
CDO, Simply Blue Group and President, TotalEnergies SBE US



Keynote : Presentation by Bruno Geschier
Chief Sales & Marketing Officer, BW-Ideol



Keynote : Presentation by David Petruska
Sr Advisor for Floating Systems, bp



Keynote : Presentation by Dan Jackson
Founding Director, Cerulean Winds



Keynote : Presentation by Adrienne Downey
Country Manager US and Canada, Hexicon





The Spotlight on Developers Discussions will be Moderated by Darius Snieckus
Editor in Chief, RECHARGE

05:45 pm - 07:15 pm

Ice Breaker Reception (Exhibition area, Texas Ballroom D-H)



07:00 am - 07:30 pm	Registration (Texas Ballroom Foyer)	
07:00 am - 07:30 pm	Exhibit Hall Open	
07:00 am - 08:00 am	Breakfast (Exhibition area, Texas Ballroom D-H)	

Session I - Texas Ballroom A-C

08:00 am - 09:45 am Floating Wind: Transfer Learnings of Deepwater Development



Keynote Presentation:

BlueWind: The Micro-Grid for Integration of Wind Power or Renewable Energies in Off-Grid Applications.

A Use Case Analysis - Simone Bertolucci, Sales Manager Battery Energy Storage and Grids for Offshore Wind, Siemens Energy



Offshore Project Delivery Experience: Make Possible Floating Wind at Scale

Michael Ellis, Business Development Manager, Subsea 7



Lessons learned from the first floating wind demonstration project in Spain

David Carrascosa, Director of Operations, Saitec Offshore Technologies



Experience Matters - providing a full life cycle business plan to successfully execute large complex projects

Juan Cruz, President USA, SBM Offshore



Hindsight 20/20 – Some Key Lessons Learned supporting Offshore Oil & Gas Developments

Gordon Wilkinson, Business Acquisition Manager, DOF Subsea

09:15 am - 09:45 am **Panel Discussion** Chair: Lars Samuelsson, Manager, Offshore Accounts, ABS

09:20 am - 09:45 am **FWS Deep Dive Sessions with Q&A (David Mitzner room)**



Efficient and Adaptable New Anchoring System for Floating Wind

Tom Bauer, Principal Engineer, Floating Renewables Innovation, InterMoor

09:45 am - 10:30 am

Coffee Break (Exhibition area, Texas Ballroom D-H)



Session II - Texas Ballroom A-C

10:30 am - 12:00 pm Environmental & Regulatory – Runway & Strategies Towards Permitting



The difference between fixed bottom and floating wind permitting boundary conditions

Rande Patterson, Senior Environmental & Permitting Specialist, Ørsted



Co-existence in floating offshore wind farms

Henrik Kirkeby, Lead Power System Engineer, Deep Wind Offshore, Deep Wind Offshore



Meeting Regulatory Requirements with New Marine Life Monitoring Solutions that Increase the Safety and Efficiency of Offshore Wind Operations

Blanca Montoya, Subsea Robotics Product Manager, Oceaneering



Navigation Safety Considerations and Permitting for a Floating Wind Project in USA

Larry Wise, Senior Coastal & Marine Engineer, W.F. Baird & Associates, Ltd.

11:30 pm - 12:00 pm **Panel Discussion** Chair: Celine Gerson, President & Group Director Americas, Fugro

11:35 am -12:00 pm **FWS Deep Dive Sessions with Q&A (David Mitzner room)**



Inspections and Maintenance Strategy for Floating Wind Turbine Structures

David Hua, Director, Engineering, ABS Group

12:00 pm - 01:15 pm

Lunch (Exhibition area, Texas Ballroom D-H)



Session III - Texas Ballroom A-C

01:15 pm - 03:00 pm

Finance, Insurance and Risk



Lessons Learned and Best Practices in the M&A Space
Javier Molinero, Senior Project Manager – Floating Wind, DNV



Identifying & Mitigating the Risks of Floating Wind Farm Design, Construction & Operations
Benjamin Higgins, Manager, Technical, ABS Group



Floating Wind projects are already bankable and insurable, however, the stakes are much higher for commercial scale projects
Marco Wiedijk, VP Business Development, Principle Power Inc



Insurability of floating wind projects: the role of classification & certification
Jonathan Boutrot, Floating Wind Market Leader, Bureau Veritas Marine & Offshore

02:30 pm - 03:00 pm

Panel Discussion Chair: Cory Gessert, Vice President, Project Development & Engineering, DNV

02:35 pm - 03:00 pm

FWS Deep Dive Sessions with Q&A (David Mitzner room)



An Overview of Wison's Floating Wind Solution "w.BT and w.semi".
Weimin Chen, Director, Offshore Wind and Renewable Energy at Wison Offshore & Marine, Wison Group

03:00 pm - 03:45 pm

Coffee Break (Exhibition area, Texas Ballroom D-H)

OCEANEERING

Session IV - Texas Ballroom A-C

03:45 pm - 05:30 pm

Project Execution – Planning Across the Lifecycle & Installation Considerations



Keynote Presentation: TBA
Pablo Necochea, Lead Advisor Floating Global Deal Support, Vestas



Overview of the New DOE Floating Offshore Wind ReadINess (FLOWIN) Prize
Dr. Amy, Robertson, Offshore Wind Group Manager, National Wind Technology Center, NREL



T&I Challenges on the US West Coast - Morro Bay Case Study
Denis Matha, Head of Floating Wind Engineering, Ramboll



A radical change in installing floating windfarms
Joop Roodenburg, President, Huisman



Floating Wind and The Installation Challenges
Alistair Morris, Senior Offshore Wind Associate, The Carbon Trust

04:50 pm - 05:15 pm

Panel Discussion Chair: Shadi Awwad, Business Development - Renewables, Oceaneering

05:05 pm - 05:30 pm

FWS Deep Dive Sessions with Q&A (David Mitzner room)



PivotBuoy project: Initial results from a cost-effective and scalable floating wind technology
Hedy Mahmoudi, Strategy & BD Associate, X1 Wind

Session V - Texas Ballroom A-C

05:30 pm - 06:15 pm

Aker Solutions Led Special Session on Floater Evaluation & Selection



Keynote Presentation:
Panel Discussion with Thought Technology Leaders
Stine Vethe, Vice President Floating Wind, Aker Solutions

06:15pm - 07:45 pm

Evening Reception (Exhibition area, Texas Ballroom D-H)

RWE

We invite our delegates to meet our Industry Association Partners.
All "meet & greets" will be held in the **Meyerland room**, on the 3rd floor.

Learned Society Partner

Industry Association Partners



Monday pm break
3:20 - 3:40 pm



Tuesday am break
9:50 - 10:10 am




Wednesday am break
9:50 - 10:10 am



Wednesday pm break
3:20 - 3:40 pm



07:00 am - 01:30 pm	Registration (Texas Ballroom Foyer)	
07:00 am - 04:00 pm	Exhibit Hall Open	
07:00 am - 08:00 am	Breakfast (Exhibition area, Texas Ballroom D-H)	

Session VI - Texas Ballroom A-C

08:00 am - 09:45 am Supply Chains (Assets & People), Supplier Diversity and Logistics



Keynote Presentation:

An Overview of the Offshore Wind Industry Focusing on Floating Wind Developments

Walt Musial, Principal Engineer - Offshore wind platform lead, NREL



Designing a West Coast Offshore Wind Around an Existing Supply Chain

Nick Zenkin, Lead Offshore Wind Consultant, Xodus



How to industrialize the floating wind sector

Jesper Møller, Head of Sales and Business development, Stiesdal Offshore A/S



Schedule Challenges of Execution Plan for large scale wind farm development

Andrew Kyriakides, Project Manager, MODEC



Strategies for Workforce Development

Anntonette Zembruska, Director, North America Offshore Renewables, RPS Group

09:15 am - 09:45 am Panel Discussion Chair: Bruno Geschier, WFO Floating Committee Chair

09:20 am - 09:45 am FWS Deep Dive Sessions with Q&A (David Mitzner room)



Efficient FOWT Design Process

Anil Sablok, Chief Engineer, Floater Advanced Simulation and Technology, Technip Energies

09:45 am - 10:30 am

Coffee Break (Exhibition area, Texas Ballroom D-H)



Session VII - Texas Ballroom A-C

10:30 am - 12:15 pm Infrastructure issues – Port & Harbor, Grid, Distribution



The value of teaming up to offer a complete EPCI solution

Gry Rostrup, Senior Business Developer Floating Wind, Maersk Supply Services



Considerations for Fabrication to Marshaling Facilities & Lessons Learned from Oil & Gas

Robert Eykhout, Regional Commercial Lead Offshore Americas, Mammoet Americas



Flexible Marine Solutions to Enable US Floating Wind Development

Bo Jardine, Chief Innovation Officer, Bleutec Industries



HVAC floating Substation, a way to valorize wind energy in deep water sites

Luigi Cremascoli, Head of Offshore Technical Management, Saipem



"Plug and Play" - Mooring and Power Cable Connection and Disconnection Buoy System

Jon Dunstan, Managing Director, London Marine Consultants (LMC)

11:45 am - 12:15 pm Panel Discussion Chair: Alla Weinstein, Founder & CEO, Trident Winds

11:50 am - 12:15 pm FWS Deep Dive Sessions with Q&A (David Mitzner room)



LCoE Reducing Innovation in Suction Anchor Design
Iain Wylie, Product Manager, Oceaneering

12:15 pm - 01:30 pm

Lunch (Exhibition area, Texas Ballroom D-H)



Session VIII - Texas Ballroom A-C

01:30 pm - 03:15 pm

Operations & Maintenance (Life of Field)



AHTS vessels and their vital part in FW
Inger-Louise Molver, Shipbroker & Analyst - Renewables, Pareto Shipbrokers AS



Leveraging Fleet Capabilities to Support Floating Offshore Wind Demand
Wei Huang, Director, ABS



Lessons learnt from the tow back to shore operation on Kincardine
Clara de Moura Santos, VP Operations & Maintenance, Principle Power



Remote and Autonomous Robotics Solutions for Maintenance of Floating Wind Structures
Nicholas Rouge, Product Manager, Oceaneering



Holistic cable monitoring: the key to a smart O&M strategy
Callum Maxwell, Business Development Manager, Proserv

02:45 pm - 03:15 pm

Panel Discussion Chair: Saverio Ventrelli, Global Business Development for Offshore Wind and Solar, Siemens Energy

02:50 pm - 03:15 pm

FWS Deep Dive Sessions with Q&A (David Mitzner room)



Floating Offshore Substation Standard
Jude Tomdio, Principal Electrical Engineer, ABS

03:15 pm - 04:00 pm

Coffee Break (Exhibition area, Texas Ballroom D-H)



Session IX - Texas Ballroom A-C

04:00 pm - 05:45 pm

Mooring Systems Design, Transport & Installation



Geohazard Considerations For Floating Offshore Wind Infrastructure, US Atlantic Outer Continental Shelf (OCS)
James Fisher, Deputy Geoscience Manager, Fugro



How anchor and mooring designs impact offshore installations
Stephanie De Decker, Commercial Director Marine Services, Boskalis



TLP mooring systems, technical comparison and business case analysis
Elisa Romero Pascual, Product Lead Floating Wind, Heerema Engineering Solutions



Evaluation of Mooring Load Reduction Devices for Floating Wind
Yusuf Arikian, Senior Project Manager - Renewables, 2H Offshore



Optimisation and Verification of Operational Products for Upgrading Existing Vessel Fleets and New Vessel Construction
Ottar Antonson, Sales Director Deck Machinery and Motion Control, Offshore Wind, Kongsberg

05:45 pm - 06:00 pm

Panel Discussion Chair: Jerica Nolte, Floating Technology Lead, TotalEnergies

Speaker Awards (Texas Ballroom A-C)

06:00 pm - 07:00 pm

Post-Show Happy Hour (Biggio's)



**PROVEN TECHNOLOGY SUPPLIER
AND PROJECT CO-DEVELOPER
WITH THE HIGHEST LEVEL OF LOCAL CONTENT,
WHEREVER IN THE WORLD**



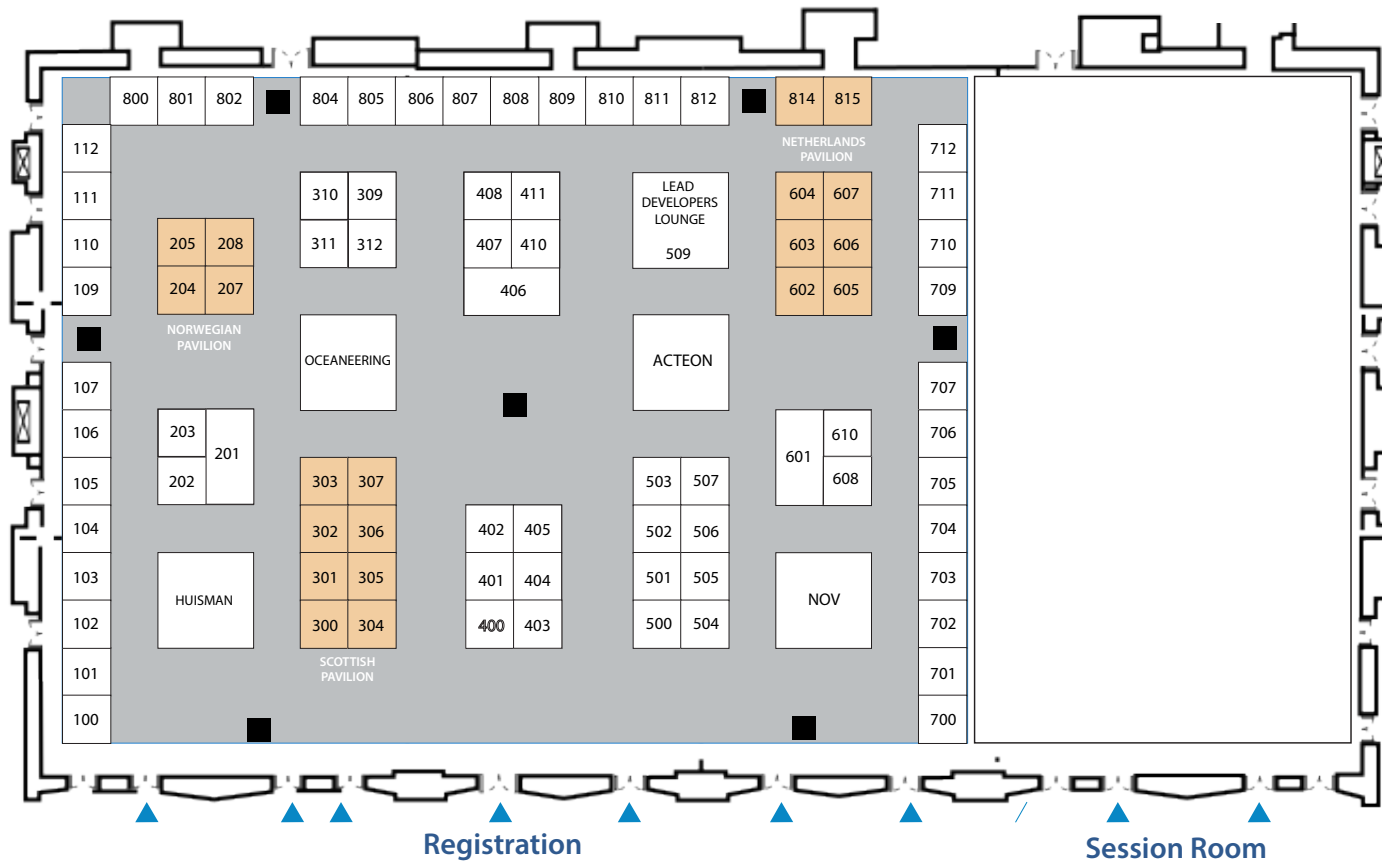
EXHIBITORS numerical

100	SBM Offshore	400	Dof Subsea	606	Smulders
101	DCL Mooring	401	TFI Marine	607	Cape Holland
102	Vicinay Marine	402	Applied Fiber	608	Marine Power Systems
103	Global Maritime	403	Moorsure	610	
104	ABS	404	Orcina	700	Dynamic Lifting Solutions
105	Timberland Equipment	406	OSI Renewables	701	Versabar
106	Bluewater	407	MacArtney	702	Bassoe Tech./CIMC Raffles
107	Bishop Lifting	408	CSA Ocean Sciences	703/4	Siemens Energy
109		410	Pfisterer	705	Cortland Company
110	Tugdock	411	Holloway Houston	706	Mott Macdonald
111	Quest FWE/Quest Offshore	500	Bexco Ropes	707	DNV
112	FWS South America OW	501	Wison	710	MTS
200	Huisman	502	TDI Brooks	711	SUT
201	Proserv	503	Deepwater Bouyancy/Tekmar	712	Lankhorst Ropes
202	K2 Management	504	BW Ideol	800	
205	FutureOn	505	World Forum Offshore Wind	801	Ensearch
206	Argeo	506	Sonardyne	802	Variators/Webtool
300	Swift Anchor	507	UTD Wind	804	Twin Brothers
301	Sulmara	507	VL Offshore	805	Nape Expo
302	Opito	508	Acteon	806	Bureau Veritas
303	Wood.	509		807	Sealaska
304/5	SDI/USS-OWA	600	GustoMSC	808	Applied Acoustics
306	Verlume	600	NOV	809	Fugro
307	Balmoral	601	Aerodyn Engineering	810	SINTEF Ocean811/812
308	Oceaneering	602	Tillen	811/12	Modec / Sofec
309	Imenco Smart Solutions	603	Mooreast	814	FibreMax
310	North Shore Steel	604	DEME offshore	300-307	Scottish Development Int.
311	Principle Power	605	Vryhof	300-307	US Scotland Coalition
				602/815	Wind and Water Works

EXHIBITORS alphabetical

ABS	104	GustoMSC	600	SDI/USS-OWA	304/5
Acteon	508	Heerema Eng. Solutions	815	Sealaska	807
Aerodyn Engineering	601	Hexicon	501	Siemens Energy	703/4
Applied Acoustics	808	Holloway Houston	411	SINTEF Ocean	810
Applied Fiber	402	Huisman	200	Smulders	606
Argeo	206	K2 Management	202	Sofec	811/12
Balmoral	307	Lankhorst Ropes	712	Sonardyne	506
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Bexco Ropes	500	Marine Power Systems	608	Sulmara	301
Bishop Lifting	107	Modec	811/12	SUT	711
Bluewater	106	Mooreast	603	Swift Anchor	300
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BW Ideol	504	Mott Macdonald	706	Tekmar	503
Cape Holland	607	MTS	710	TFI Marine	401
CIMC Raffles	702	Nape Expo	805	Tillen	602
Cortland Company	705	NOV	600	Timberland Equipment	105
CSA Ocean Sciences	408	North Shore Steel	310	TSC Renewables	610
DCL Mooring	101	Oceaneering	308	Tugdock	110
Deepwater Bouyancy	503	OES Group	405	Twin Brothers	804
DEME	604	Opito	302	US Scotland Coalition	300/7
DNV	707	Orcina	404	UTD Wind	507
Dof Subsea	400	OSI Renewables	406	Variators/Webtool	802
Dynamic Lifting Solutions	700	Pfisterer	410	Verlume	306
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FutureOn	205	RenewableUK	709	Vryhof	605
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				World Forum Offshore Wind	505





Exhibitors

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ABS	SBH OFFSHORE	SEACOR	FutureOn	OES	JB Technology	Sonardyne	NOV
BE X CO	orcina	moorsure Mooring System Solutions P/L Ltd	TDI Brooks	MOTT MACDONALD	TILLEN	SPT OFFSHORE	OCEANEERING
GLOBAL MARITIME	B Bishop Lifting Products, Inc. www.Lifting.com	VL Offshore Engineering Systems	PFISTERER	CIMC RAFFLES	Deepwater Technology	DCL	ACTEON
GREGG	MacArtney	Ensearch Energy & Environment	APPLIED FIBER	FMS	MDL	wood.	wind & water works
Rotech WUSA	motive	VALTECH WESTOIL	kent	Signum	TUGDOCK	SINTEF	SCOTTISH DEVELOPMENT INTERNATIONAL
FIBRE Max World's strongest cable...	DYNAMIC LIFTING	TE THIBERTLAND EQUIPMENT LIMITED	HOLLOWAY	SEALASKA	FWS	WORLD FORUM OFFSHORE WIND	proserv
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CSA	TFI Marine	CAPE	BALMORAL	Versabar	bluewater	SMULDERS	Principle Power Globalising floating wind
MARINE POWER SYSTEMS	NORTH SHORE STEEL	applied acoustics underwater technology	CORTLAND	DCF Subsea	MOOREAST	renewableUK	BERODUN engineering gmbh

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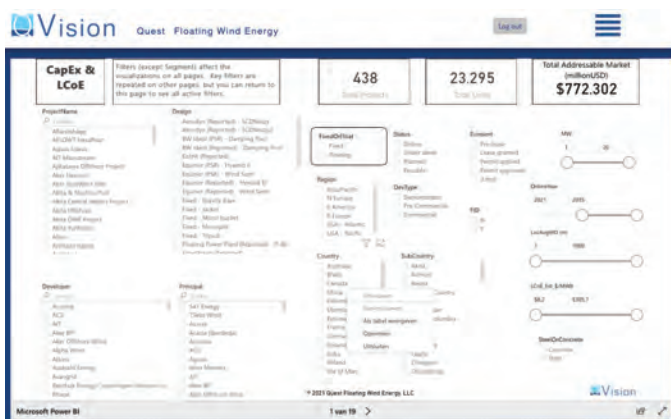
CONTACT US

TDI-Brooks
14391 S Dowling Road
College Station, TX 77845
USA

Phone: +1 (979) 693-3446
Email: info@tdi-bi.com
Web: www.tdi-bi.com

The Quest DNA

Within Q FWE our team assembles over 100-years of experience and professional networks focused to provide economic, technical and commercial Clarity, Insight and Vision. Backed by twenty-years of expertise in data analytics, analysis and the development of offshore and deepwater projects provides us with the means and the network to offer critical insight on the Offshore Wind industry going forward. Q FWE has created a dedicated offshore wind projects database covering both fixed and floating solutions. Our proprietary Q Vision tool tracks and monitors projects and their supply chain from early planning to commissioning and O&M. This dynamic tool provides a continuous feed of strategic insight, tactical information and robust data analytics throughout each stage of the supply chain.



Q Vision

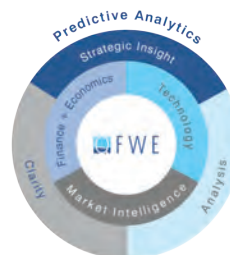
Q Vision is our proprietary Business Analytics' tool delivering real-time data and analysis giving you a competitive advantage to win Fixed and Floating Offshore Wind Energy projects. This Microsoft Power BI tool allows for dynamic analysis of relationships across markets and technologies; robust benchmarking as well as an enhanced understanding of project economics including LCoE. Q Vision offers 15 different "lenses", each offering a unique perspective on this fast growing industry. Once parameters have been set, the user can view a data table of all projects contained in the results through the Full Project Data lens.

Q FWE's Q Vision system tracks over 200 data fields for all floating wind energy projects in all stages of development bottom-fixed projects. This dynamic tool provides a continuous feed of strategic insight, tactical information and robust data analytics throughout each stage of the supply chain.

Research - Market Data - Consulting

Quest Offshore Wind Turbine Index QOWTI

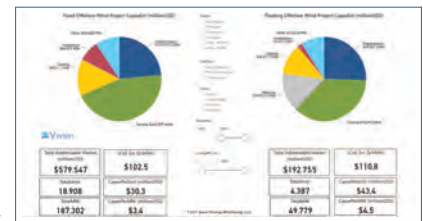
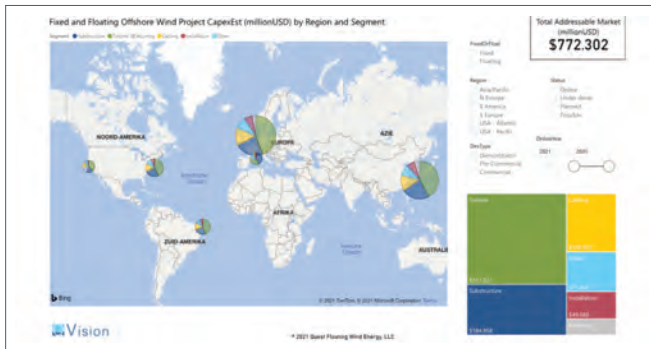
Quest Offshore Wind Turbine Index (QOWTI) illustrates the Total Addressable Market for global Offshore Wind. QOWTI spots important leading indicators such as average rotor diameter, average distance to shore, average MW per unit, average number of units per project in addition to benchmarking of key metrics and CapEx trends. Gain access to the world's most definitive reference index for the global offshore wind market.



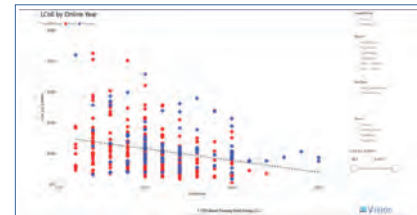
Q Vision: Project Details & Economics (PDE)

- your eyes on the market

This annual access tool allows the user to investigate numerous market facets of the Offshore Wind market. The Q Vision CapEx module offers 15 distinct lenses covering the value of supply chain segments Floater, Turbine, Mooring, Cabling and Installation. The different lenses focus on developer, designer and regional differences for the future total spend—Total Addressable Market, as well as numerous tools to analyze LCoE. Includes backing data in MS Excel.



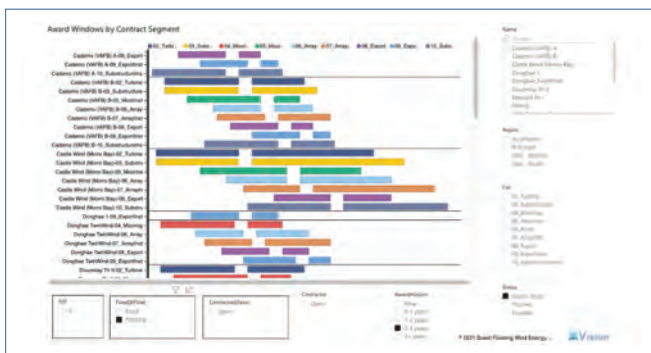
Compare Fixed & Float



LCoE by COD & TotalUnits



CapEx by Region, Hull Shape and Segement



Q Vision: Supply Chain Opportunities (SCO)

- get ahead of the curve

Easy access to the world's most accurate data on the Offshore Wind market
Supply Chain Opportunities, contract sequencing and open awards.

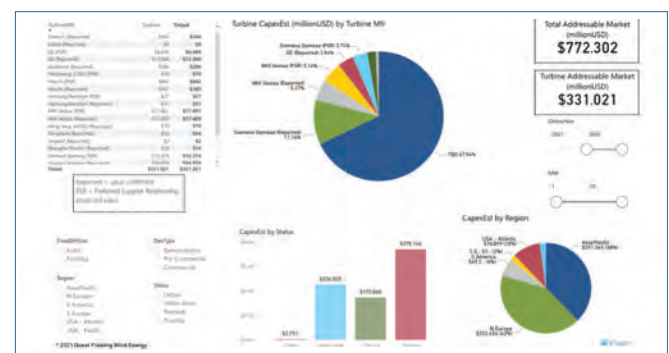
The Q Vision subscription service is a dynamic platform in Microsoft Power BI enabling our clients efficient mining of our comprehensive project data into dynamic charting which provides quick actionable insights supported with full project details. These analytical tools are essential for forecasting and very useful for getting a quick overview of the potential future market for Turbines, Substructures, Moorings, Subsea Power Cables, Installation services and ultimately O&M activities

Q Vision: Offshore Turbine Locator (OTL)

- the helicopter view

Easy access to the world's most accurate data on the Offshore Wind market. Quest is currently tracking 400+ projects encompassing 18,000+ individual turbines (of these 119 are floating projects with over 2,500 turbines). Included are projects currently under development, planned, as well as possible.

The Offshore Turbine Locator tracks both Bottom-Fixed and Floating Offshore Wind Projects by total MW bubble size on a world map, cumulative total MW to 2033 and beyond, and cumulative Total MW by country. Each page has filters for Status, Region, Fixed or Floating, Development Type and Startup Year range. Includes backing data in tabular format on Page 9 and an MS Excel download.





South America Offshore Wind '23

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INTERNATIONALLY RECOGNIZED LEADER IN **FLOATING** OFFSHORE WIND

