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## **Conference Program**

## South America Offshore Wind Conference & Exhibition

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General interest in South America for developing Offshore Wind has recently emerged on new frontiers, Brazil, Colombia and Uruguay. Initial expressions of interest in Brazil resulted in lease applications with the IBAMA agency which led to >100GW potential volume of offshore wind. Upon implementing the required frameworks and legislation Brazil will be ready for its first leasing round, perhaps as soon as 2025.

Colombia has been in the eye for offshore wind development for some time and the country sees a potential of 50GW. DIMAR has allocated large areas for future development, both bottom-fixed wind in the south, and floating in the north. Colombia's Ministry of Mining and Energy has launched the country's first offshore wind leasing round and expects to award 30-year, minimum 200MW concessions in the second half of 2024.

Uruguay is planning offshore wind development to support their "H2u Hydrogen Project" with a possible lease round in the next 2 years. Several other South American countries have offshore wind development plans, most notably Chile with an up to 1GW offshore wind development and Curacao (Dutch Antilles) with 2 projects off their north east coast.

Quest Offshore, the organizer of the 1st OTC Brasil and many other energy-related events is organizing South America Offshore Wind in support of current developments, a three-day world-class conference looking at early permitting steps, procedures and early development needs. Suitable technology and infrastructure will be addressed including that for floating wind development for decarbonizing Brazil's O&G production. The mission of South America Offshore Wind is to bring stakeholders together to focus on the requirements to successfully activate a supply chain in support of this 'new' industry.



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 6 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. In addition Quest co-owns and organizes the Deepwater Executive Summit and Global Offshore Brazil Summit. Quest was the managing partner of the premier edition of OTC Brasil and creator of numerous other Offshore Energy events, such as MCE Deepwater Development, Subsea Houston, Marine Construction Houston, DeepGulf and the Offshore Risk Forum. In 2023 Quest Offshore lauched a new Offshore Wind event in Brazil, FWS South America Offshore Wind, in conjuntion with Quest FWE and Brazil Energy Insight.

For more information please contact Andrew Chadderdon and rew.chadderdon@questfwe.com



BEI-Brazil Energy Insight was originally created as a one-stop newsstand covering the Brazilian Oil & Gas Industry and focused on the offshore supply chain and developments. The industry has matured to become the most successful story in the sector with the development of the pre-salt ultra-deepwater projects.

Energy Transition is now driving the sector and BEI is following news in Brazil and worldwide, focusing on Offshore/Floating Wind and Green Hydrogen energies as the natural transition from oil & gas. Brazil is still very relevant to BEI as it has the capacity to become an energy transition giant and pretends to follow this story as well.

For more information please contact Evan Sponagle evan.sponagle@QuestOffshore.com





André Jacques de Paiva Leite



Business Development Manager Americas

🎗 AMPELMANN



**Rafael Torres** Business Development

BioRen

Ricardo de Luca

Country Director Brazil

CORIO



Armando Politi Bustos Country Manaaer Colombia



Pedro Henrique de Castro Rabelo Tchiarles Coutinho Hilbig Head of Commercial

vdelp



Bruna Timbó Head of Power and Petrochemicals







Paula Quirino Commercial Manager



Adriano Gouveia Offshore Wind Development Manager NEOENERGIA



**Rogério Campos** Partner





Sylvain Jouhanneau **Emerging Business Director** Brazil & LATAM edF



Alberto Morandi Director Americas GustoMSC NOY



Prof. Dr. Milad Shadman Professor Associado Visitante GERO

COPPE



Gabriel Góes Monteiro Offshore wind technical lead - Brazil X

equinor



Diogo Araujo Business Development Manager

嫿 Helix



Anderson da Silva Paula Sr. Business Development Manager

Hitachi Energy



Boyd Howell Director of Sales and Marketing

#### 殓 MODEC



Market Area Manager for South America





CBO



















### South America Offshore Wind Advisory Board



Rafael Palhares Simoncelli Diretor de Desenvolvimento de Negócios, Novos Mercados e Parcerias





Juan Guarin Business Development Manager

sorec



Simao Silva Director of Business Development and Brazil Country Manager (OCEANEERING)



Robertha Marques Director of HSSEQ Brazil SUDSEA 7



Jeferson Werlich Head of Sales and Business Development Prysmian Group



Marcos Ludwig Partner

VEIRANO



Lauro Puppim Diretor Comercial

SAIPEM



Juliana Melcop Partner

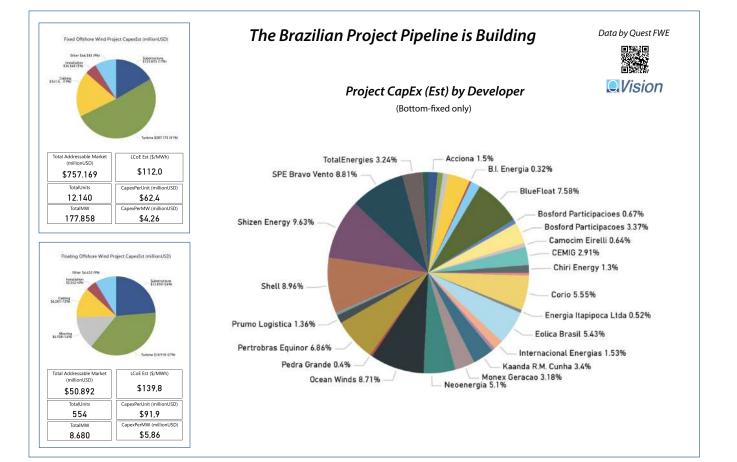




Saverio Ventrell Global Business Development for Offshore Wind and Solar SIEMENS COCIGY



\* Biographies of the Advisory Board Members can be found here.







Event Agenda

#### Tuesday, September 17, 2024

01:00 pm - 06:15 pm	Registration (Gavea Foyer)	
01:00 pm - 06:15 pm	TV Exhibition Stands (Gavea Foyer)	
01:30 pm - 03:30 pm	I. Spotlight on Developers (Gavea Ballroom)	
	Panel Discussion: Offshore Wind Project Ambitions and a Review of 5 Year Plans	
03:30 pm - 04:15 pm	Coffee Break (Gavea Foyer)	
04:15 pm- 06:15 pm	II. Regulatory & Environmental (Gavea Ballroom)	
06:15 pm - 07:30 pm	Welcome Reception (Gavea Foyer)	OOVERNO FEDERAL
		UNIÃO E RECONSTRUÇÃO
	Wednesday, September 18, 2024	
08:30 am - 06:45 pm	Registration (Gavea Foyer)	
08:30 am - 06:45 pm	TV Exhibition Stands (Gavea Foyer)	
08:30 am - 09:30 am	Continental Breakfast (Gavea Foyer)	
09:30 am - 11:00 am	III. Lessons Learned & Case Studies as Vital Input to the Pathway for Offshore Wind	Licensing
11:00 am - 12:00 pm	Coffee Break (Gavea Foyer)	
12:00 pm - 01:45 pm	IV. Offshore Support / Multi-Purpose Vessels - the Availability / Delivery Challenge (Gav	ea Ballroom)
01:45 pm - 02:45 pm	Lunch (Carioaca Terrace)	SIEMENS CNCrGY
02:45 pm - 03:15 pm	Coffee & Desert (Gavea Foyer)	
03:15 pm - 04:45 pm	V. Brownfield Electrification (Gavea Ballroom) De-Carbonizing O&G w/Offshore Renewables - Floating Offshore Wind	
04:45 pm - 05:30 pm	Coffee Break (Gavea Foyer)	
05:30 pm - 06:45 pm	VI. Risk & Insurance (Gavea Ballroom)	
06:45 pm - 08:00 pm	Reception (Carioaca Terrace)	GOVERNO FEDERAL
		UNIÃO E RECONSTRUÇÃO
	Thursday, Sontomber 10, 2024	
	Thursday - September 19, 2024	
08:15 am - 06:30 pm	Registration	
08:15 am - 06:30 pm	TV Exhibition Stands (Gavea Foyer)	
08:15 am - 09:15 am	Continental Breakfast	
09:15 am - 11:00 am	VII. a. Lessons Learned VII. b. Powering the Future - The Potential of Offshore Hydrogen	
11:00 am - 11:45 am	Coffee Break (Gavea Foyer)	
11:45 am - 01:15 pm	VIII. Offshore Wind PILOT Projects and Ports & Harbors (Gavea Ballroom)	
01:15 pm - 02:15 pm	Lunch (Carioaca Terrace)	SIEMENS CHORGY
02:15 pm - 02:45 pm	Coffee & Desert (Gavea Foyer)	
02:45 pm - 04:15 pm	IX. Finance & Bankability (Gavea Ballroom)	
04:15 pm 05:00 pm	Coffee Preck (Cause Fourt)	
04:15 pm - 05:00 pm	Coffee Break (Gavea Foyer)	
05:00 pm - 06:30 pm	X. Floating Offshore Wind Focus - Lessons Learned & Case Studies	
06:30 pm - 06:45 pm	Closing Remarks (Gavea Ballroom)	
06:45 pm - 07:45 pm		<b>CBO</b>

Technical Program

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	ruesuay - September 17, 2024
n - 06:15 pm	Registration (Gavea Foyer)
- 06:15 pm	TV Exhibition Stands (Gavea Foyer)
	Keynote Session I - Gavea Ballroom
03:30 pm	Spotlight on Developers - Offshore Wind Project Ambitions and a Review of 5 Year Plans
	Welcome and Introduction Paul Hillegeist, President, Quest FWE
	<b>Moderator</b> Simao Silva Director of Business Development and Brazil Country Manager, Oceaneering
	Offshore Wind Project Ambitions and a Review of 5 Year Plans Alex Gasparetto
	Offshore Wind Business Development Manager, Energy Transition Directorate, Renewables Executive Management, Petrobras
	<b>Offshore Wind Project Ambitions and a Review of 5 Year Plans</b> Marcelo Lopes Diretor de Hidraulica & Offshore Renovaveis, Neoenergia
	<b>Offshore Wind Project Ambitions and a Review of 5 Year Plans</b> Ricardo de Luca Country Director Brazil, Corio Generation
	<b>Offshore Wind Project Ambitions and a Review of 5 Year Plans</b> Armando Politi Bustos Country Manager Colombia, BlueFloat Energy
	<b>Offshore Wind Project Ambitions and a Review of 5 Year Plans</b> Gabriel Goes Monteiro Offshore wind technical lead - Brazil, Equinor
	<b>Offshore Wind Project Ambitions and a Review of 5 Year Plans</b> Guilherme Moreira Grossi Business Development Lead Engineer, New Markets and Partners, Ocean Winds
<b>3</b> 0 pm	Panel Discussion
5 pm	Coffee Break (Gavea Foyer)
- 12.00	
	Thank you to our Sponsors!
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Moderator

#### Session II - Gavea Ballroom

#### **Regulatory & Environmental**



04:15 pm - 06:15 pm

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Juliana Melcop Energy and Infrastructure partner, Veirano Advogados



**A Review and Update of IBAMA's Initiatives** Edmilson Comparini Maturana General Coordinator of Environmental Licensing, IBAMA



**Bringing International Experience to the Challenges of the Brazilian Regulatory Framework** Adriano Gouveia Offshore Wind Development Manager, Neoenergia

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*Lessons learned from the socio-environmental impacts of offshore wind farms in Europe Rafael Monteiro de Vasconcelos Professor / Senior Researcher, CREATION/UFRN - Renewable Energies* 



*Marine Spatial Planning and the Development of Offshore Wind Energy in Brazil. Mr. Luiz Pazos Lead Environment Specialist, BNDES* 



An Important Update from Brazil's Electricity Regulatory Agency Agnes Maria de Aragao da Costa Director Renewable Energy, ANEEL (Brazilian Electricity Regulatory Agency)



**An Important Update from Brazil's Ministro de Minas e Energia** Carla Santana Advisor to the Executive Secretariat of the Ministry of Mines and Energy

MME - Ministro de Minas e Energia for Brasil An Important Update from Brazil's Energy Research Company focused on the planning of the energy sector. Analista de Pesquisa Analista de Pesquisa Energética

DEESGR (Energy Research Analyst), EPE - Empresa de Pesquisa Energética

05:45 pm - 06:15 pm Panel Discussion



Welcome Reception (Gavea Foyer)

\* Biographies of the Steering Committee, Advisory Board Members and Speakers, as well as the abstracts of the presentations can be found in the online SAM '24 program.





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08:30 am - 06:45 pm	Registration (Gavea Foyer)
08:30 am - 06:45 pm	TV Exhibition stands (Gavea Foyer)
08:30 am - 09:30 am	Continental Breakfast (Gavea Foyer)

#### Session III - Gavea Ballroom

09:30 am - 11:00 an	Lessons Learned & Case Studies as Vital Input to the Pathway for Offshore Wind Licensing
	Moderator Juan Guarin Business Development Manager, SOFEC, Inc.
	<b>Keynote - Colombia's Mines &amp; Energy Ministry to share Lesson Learned on their "Pathway to Licensing" journey</b> Juan Carlos Bedoya Head of the Office of Regulatory and Business Affairs, Ministry of Mines and Energy - Colombia
	Scene Setting: Offshore Fixed Bottom Wind development an EPCI perspective based on completed projects, challenges and lesson learned Francesco Tripodi Offshore Business Development Manager - Americas, Saipem
	<b>Building blocks of success: The role of desktop studies in South America's offshore wind future</b> Peter Tattersfield Director Business Development, Offshore Wind Americas, Fugro
10:30 am - 11:00 am	Panel Discussion
11:00 am - 12:00 pm	Coffee Break (Gavea Foyer)

Session IV - Gavea Ballroom





#### Moderator

Érik Fabian Gomes Cunha Chief Commercial Officer and Marketing Director, OceanPact



#### Scene Setting

Dr. Lilian Schaefer

Vice-Presidente Executiva da empresa ABEAM - Associação Brasileira das Empresas de Apoio Marítimo e do SYNDARMA



**Keynote - Regulatory Frameworks and implementation of cabotage laws for ships operating in Brazil** Almirante Wilson Pereira de Lima Filho Director, ANTAQ - Agência Nacional de Transportes Aquaviários



*Perspectives on the future Brazilian fleet requirements for offshore wind Paula Fernandes Quirino Walterfang Commercial Manager, Grupo CBO* 



**Optimising FOW cable and mooring installations in a constrained vessel market** Yuri Martins Brazil Country Manager, Maritime Developments Ltd.



*Offshore support vessel needs for offshore wind in Brazil* Alberto Morandi, PhD, PE, Ceng Director - Americas, Gusto MSC / NOV

#### 01:15 pm - 01:45 pm Panel Discussion

01:45 pm - 02:45 pm	Lunch (Carioca Terrace)	SIEMENS
02:45 pm - 03:15 pm	Coffee & Desert (Gavea Foyer)	energy



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#### Session V - Gavea Ballroom

#### Brownfield Electrification: De-Carbonizing O&G w/Offshore Renewables (Floating) 03:15 pm - 04:45 pm Moderator Francesco Tripodi Offshore Business Development Manager - Americas, Saipem Keynote - Floater Technology - deep water floating wind and potential applications integrated with Oil & Gas installations Daniel Fonseca de Carvalho e Silva Senior Advisor, Petrobras Research Center, Petrobras/CENPES **CAPEX Requirements for Decarbonization of Brazilian FPSOs** Peter Simpson Director, 2H Brazil A Novel Solution for Charging Offshore Vessels Juan Guarin Business Development Manager, SOFEC, Inc. Assessment of FOW for Decarbonisation of Offshore Production Units Oise Ihonde Director Business Development, MODEC International 04:15 pm - 04:45 pm Panel Discussion 04:45 pm - 05:30 pm Coffee Break (Gavea Foyer)

#### Session VI - Gavea Ballroom

	Session VI - Gavea Balloom	
5:30 pm - 06:45 pm	Risk & Insurance	
	<b>Moderator</b> Paul Hillegeist, President Quest FWE	
	An Insurance Broker's Perspective regarding 'best practice' and 'lessons learned' from Offshore Wind in Europe, Asia and US. Bruna Timbó Head de Energy, Power and Petrochemicals, Gallagher Brasil	
6	Risk and Insurance in Offshore Wind Farm Projects. An Insurance Broker's Perspective on key claims, trends and examples of case studies. Duncan Gordon Head of Renewable Energy, Gallagher	
<b>B</b>	<b>Developer Perspective - Economic &amp; Development Risk</b> Marcelo Lopes Diretor de Hidraulica & Offshore Renovaveis, Neoenergia	
	Developer Perspective - Their insurance philosophy and view on how local teams will develop and prepare for the transition. Alexandre Macedo Leitao Especialista em Seguros (Insurance Specialist), Neoenergia	
	A view on the importance of Offshore Wind, Hydrogen and Energy Storage, from Latin America's biggest power utility company Henrique Agosto Verdan Executive Manager of New Technologies, Eletrobras	
6:15 pm - 06:45 pm	Panel Discussion	
		GOVERNO FEDERAL

06:45 pm - 08:00 pm

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**Reception (Carioca Terrace)** 



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Thursday - September 19, 2024

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08:30 am - 06:30 pm 08:30 am - 09:30 am TV Exhibition stands (Gavea Foyer) Continental Breakfast (Gavea Foyer)

Session VII - Gavea Ballroom VII a. Lessons Learned



#### **Floating versus fixed offshore wind structures: Geological and geotechnical challenges** Alessander Kormann

Technical Director Latin America, Offshore Wind and Coastal Resilience, Fugro

VII b. Powering the Future: The Potential of Offshore Hydrogen



09:30 am - 11:00 am

#### Moderator Partner

CMA Law (Campos Mello Advogados)



#### Keynote - An Overview of the H2U offshore project Juan Tomasini, MSc

Hydrogen, Energy Transition, ANCAP



#### Share insights on their Hydrogen Production from Offshore Wind study with TotalEnergies Prof. Dr. Milad Shadman, Phd Visiting Associate Professor and Researcher at the Renewable Ocean Energy Group, COPPE - Federal University of Rio de Janeiro (UFRJ)



#### **Regulatory perspectives for the low-emission hydrogen market in Brazil** Marina Abelha, M.Sc. Superintendência de Promoção de Licitações ANP – Brazilian National Agency for Oil Gas and Biofuels



#### Port infrastructure to support green hydrogen activities David Cassimiro

Senior Researcher, Creation/UFRN Renewable Energies

10:30 am - 11:00 am Panel Discussion

11:00 am - 11:45 am

Coffee Break (Gavea Foyer)

#### Session VIII - Gavea Ballroom

**Offshore Wind PILOT Projects and Ports & Harbors** 



11:45 am - 01:15 pm

#### Moderator



Prof. Dr. Milad Shadman, Phd Visiting Associate Professor and Researcher at the Renewable Ocean Energy Group, COPPE - Federal University of Rio de Janeiro (UFRJ)

Diretor da tecnologia e inovação - SENAI Rio Grande do Norte, SENAI of Rio Grande do Norte

Panelist Sergio Coelho Subsecretaria Adjunto da Secretaria de Energia e Economia do Mar (SEENEMAR) GOVERNO DO ESTADO, Rio de Janeiro

Rodrigo Diniz de Mello

**PILOT PROJECTS off Rio Grande do Norte** 

erin a

#### Update on the GREEN Port initiative and Rio Grand de Norte's' efforts to create the necessary infrastructure Hugo Fonseca

Coordenador de desenvolvimento energético Secretaria de Estado de Desenvolvimento Econômico do Rio Grande do Norte



Ports for offshore wind in Brazil A technical overview of Brazilian ports and their actual capabilities to handle offshore wind projects Thiago Coriolano Wind Consultant - Project Engineering & Offshore Wind team, DNV

#### 12:45pm -01:15 pm Panel Discussion

Lunch (Carioca Terrace)

Coffee & Desert (Gavea Foyer)



**Technical Program** 

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#### Session IX - Gavea Ballroom

Finance & Bankability



02:45 pm - 04:15 pm

#### Renato Santos de Souza

Moderator

Gerência Setorial de Energia Elétrica; Área de Transição Energética e Clima, BNDES



## Investment, Financing, and Offtakers: The Iron Triangle Driving Offshore Wind Viability in Brazil Renato Santos de Souza

Gerência Setorial de Energia Elétrica; Área de Transição Energética e Clima, BNDES



#### Finance and bankability aspects in the World Bank Group Offshore Wind Scenarios report for Brazil Ana Fontes

IFC/World Bank Group



A hybrid model for wind speed forecast, a prediction system applied to offshore wind turbines.

Mariana L. Gouvea Meteorologist and Project Manager, AtmosMarine



#### Tba

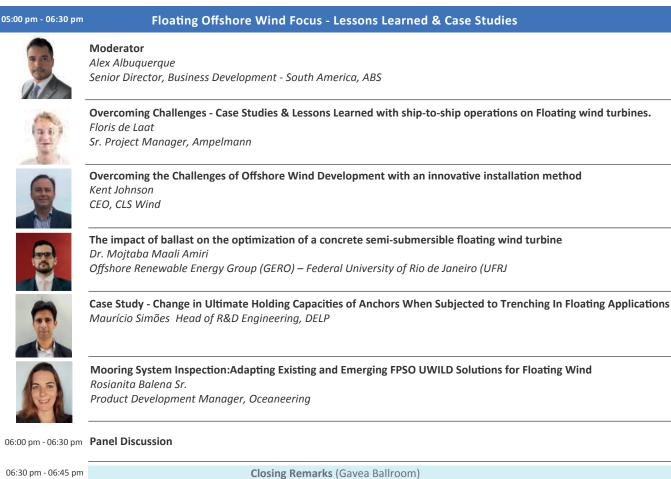
Roberta Alves de Souza Montalvão Superintendente de Novos Negocios, Banco do Nordeste do Brasil (BNB)

03:45 pm - 04:15 pm Panel Discussion

04:15 pm - 05:00 pm

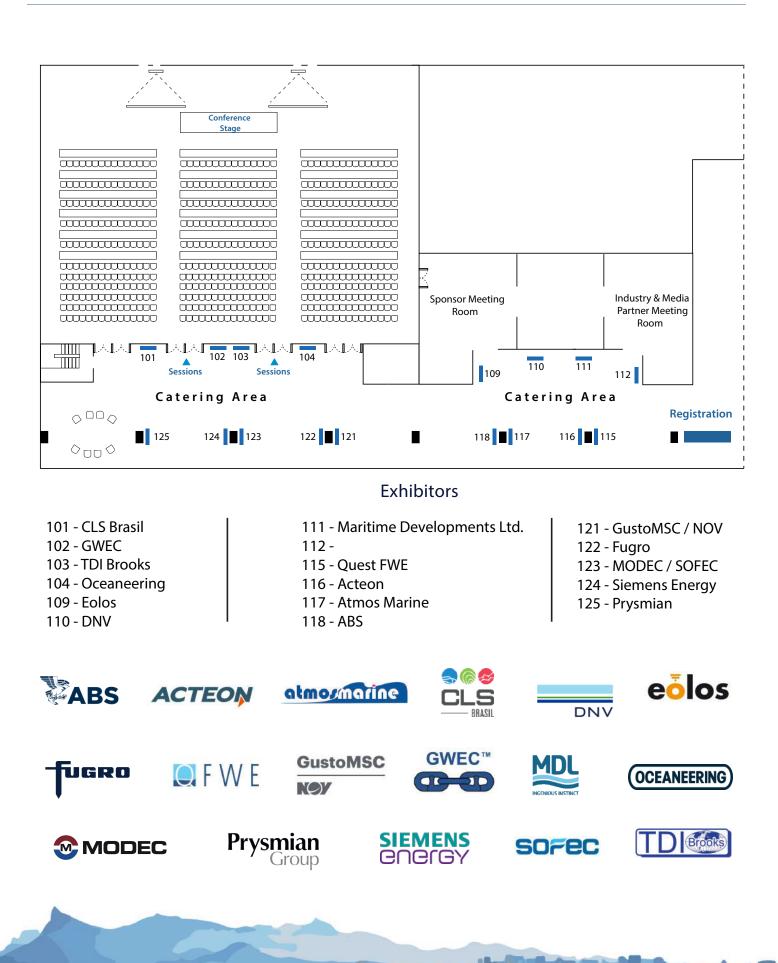
Coffee Break (Gavea Foyer)

#### Session X - Gavea Ballroom



Closing Networking Happy Hour (Lobby Bar)







# MAKE BETTER DECISIONS FOR OFFSHORE WIND DEVELOPMENT THROUGH INTEGRATED GEO-DATA

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"Great Conference, interesting materials and discussions, especially shared experience on pilot projects" - Developer

"High quality attendees, lots of developer interaction, interesting technology discussions" - Tier 1 Supplier

"Excellent conference - thank you for a wonderful 3 days. The sessions were jam packed and all the networking sessions were supplemented with truly great food" - Consultant

"Day 2 has been full of insightful presentations and great discussions at our booth" - Exhibitor Organized by

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Q F W E