



Maritime challenges: decarbonization and geopolitical tensions

Rio de Janeiro, November 17th, 2020 – Tuesday, from 10:00 to 11:15 a.m. (Brasília Time - BRT)

Format: Online - via Zoom and live YouTube transmission

Debate language: English

Context

A recent study by the Global Maritime Forum¹, a not-for-profit organization supported by different companies and institutions such as Shell, BHP, and the World Economic Forum, has mapped top maritime global challenges in terms of impact and probability.

Decarbonization of shipping and new environmental regulations were pointed as most relevant environmental issues, reflecting the growing perception of the consequences posed by climate change. In order to meet the Paris Agreement goals, the global maritime sector needs to undergo structural changes to reduce its emissions, which currently represent 2% of the total global emissions², proving to be one of the main challenges to be faced by the sector. Countries are mapping decarbonization pathways and pursuing different strategies in order to achieve global maritime climate goals.

¹ Global Maritime Forum. Global Maritime Issues Monitor.2019

² IEA. Tracking report – International shipping. 2020

Besides environmental concerns, geopolitical tension was also identified as a leading issue facing by the industry. The respondents highlighted in 2019 that the maritime sector was experiencing a period of unprecedented geopolitical change, marked by the erosion of institutions and international norms. In addition, the outbreak of COVID-19 in 2020 has questioned the way in which global trade and supply chains are currently structured. Due to the pandemic, global trade is expected to decrease in around 30-40% in 2020. This causes countries to rethink globalized supply chains, which in turn may disrupt international agreements and trigger geopolitical tensions³.

In this sense, both decarbonization and geopolitics may have a common ground to influence the future of maritime industry. This event will aim to discuss current geopolitical risks and the path to decarbonization as potential challenges for the maritime sector and how both these topics can impact each other.

Program

(10:00 – 11:15 a.m.) Maritime challenges: decarbonization and geopolitical tensions

- **Moderator** - [Clarissa Lins](#), founding partner at Catavento and Senior Fellow at CEBRI

(10:00 – 10:10 a.m.) Opening remarks: objective and relevance of the debate

- [Jorge Camargo](#), Vice-Chairman of the Board of Trustees at CEBRI and Coordinator of the Energy Program
- [Marianne Fosland](#), Consul General of Norway in Rio de Janeiro

(10:10 – 10:40 a.m.) Initial considerations

- [Lars Andreas Lunde](#), Deputy Minister of Trade and Industry of Norway
- [Admiral Eduardo Bacellar Leal Ferreira](#), Admiral at the Brazilian Navy and former Navy Commander

(10:40 – 11:10 a.m.) Q&A

Questions from the audience moderated by Clarissa Lins

(11:10 – 11:15 a.m.) Final considerations

- [Jorge Camargo](#), Vice-Chairman of the Board of Trustees at CEBRI and Coordinator of the Energy Program

³ United Nations Conference on Trade and Development. Investment trade monitor: impact of the coronavirus outbreak on global FDI. 2020

Mini bios

Opening remarks

Jorge Camargo



Jorge Carmargo is Vice-Chairman of the Board of Trustees at CEBRI and Coordinator of the Energy Program. Senior energy expert, Camargo spent his career in the O&G industry. He currently serves on the Board of Directors of Ultrapar Group and Prumo Logística. Camargo was the President of the oil and gas industry association - Brazilian Petroleum and Gas Institute (IBP) from 2016 to 2018.

He made a successful career of almost 30 years at Petrobras, serving at its Executive Board as International Director (2000-2003). He also worked for Equinor as Senior vice-president in Norway and later as the first CEO of Equinor in Brazil. Camargo is a geologist by training holding a degree from the University of Brasilia (UnB) and a Masters in Geophysics from the University of Texas at Austin.

Marianne Fosland



Marianne Fosland is Consul General of Norway in Rio de Janeiro since 2019. She is a Social Anthropologist, with a degree from the University of Oslo. Before coming to Brazil, Marianne served in several positions inside the Ministry of Foreign Affairs and has been stationed as Minister Counsellor in the Norwegian Embassy in Helsinki, as well as First Secretary in the Embassy in Washington DC. Marianne has also worked in the Norwegian Agency for Development Cooperation and in the Parliament of Norway.

Panelists

Lars Andreas Lunde



Lars Andreas Lunde is Deputy Minister of Trade and Industry of Norway since October 2020. He was Deputy Director in the Norwegian Agency for Development Cooperation from 2018 to 2020, State Secretary in the Ministry for Climate and the Environment from 2013 to 2018, and a political advisor for the Conservative Party (Høyre) in the Parliament from 2001 to 2017.

Lars Andreas Lunde holds a Master in Marine Technique from the National Institute of Technology and Science and a degree in Economy.

Admiral Eduardo Bacellar Leal Ferreira



Eduardo Leal Ferreira is currently Chairman of the Board of Directors of Petrobras. He is a Retired Admiral and was the Commander of the Brazilian Navy from February 2015 to January 2019. He graduated at the Brazilian Naval Academy in 1974 and took postgraduate courses at the Naval War Colleges of Brazil and Chile. He had four commands at sea and was Captain of Ports of Rio de Janeiro and Director of Ports and Coasts, where he had the opportunity to deepen connections with the Merchant Marine and offshore oil industry. He was also Commander of the Naval Academy, Commander-in-Chief of the Brazilian Fleet and Commander of the National War College. Abroad, he served in Chile and was an instructor at the United States Naval Academy.

Moderator

Clarissa Lins



Clarissa Lins is the founding partner at Catavento, since 2013, and Senior Fellow at CEBRI, where she is responsible for the Energy Program (July 2017). Clarissa is also President of the Brazilian Petroleum, Gas and Biofuels Institute – IBP (November 2019), where she was member of the Executive Committee (2016-2019). She is also a member of Suzano’s Sustainability Committee (August 2019).

Clarissa was a member of the Petrobras Board of Directors (May/2018 to December/2019), an independent member of the Sustainability Committee of Vale’s Board of Directors (May/2017 to 2019), and Executive Director of the Brazilian Foundation for Sustainable Development (2004-2013). She worked in the public sector for several years, at the Ministry of Economy (1993-94), at BNDES as special advisor to the CEO (1995-99), and at Petrobras as special advisor to the CEO and executive manager of Corporate Strategy (1999-2002).

Clarissa Lins is an economist with a Master's Degree in Economics from PUC-Rio, Brazil.