











AQUILUM
Lado A







A man in a grey suit and light-colored trousers is speaking at a clear acrylic podium. The podium has the 'BR PETROBRAS' logo on it. He is holding a microphone and looking towards the audience.

Three people are seated on a stage behind the speaker. From left to right: a woman in a light blue blazer, a man in a dark blue suit, and a man in a grey suit. They are sitting on black chairs with small wooden tables in front of them. The stage is made of light-colored wood.



AND RESERVE
REPOSITION



PRODUCTION AND
INJECTION
IN

FUTURE
PRODUCTION
SYSTEMS



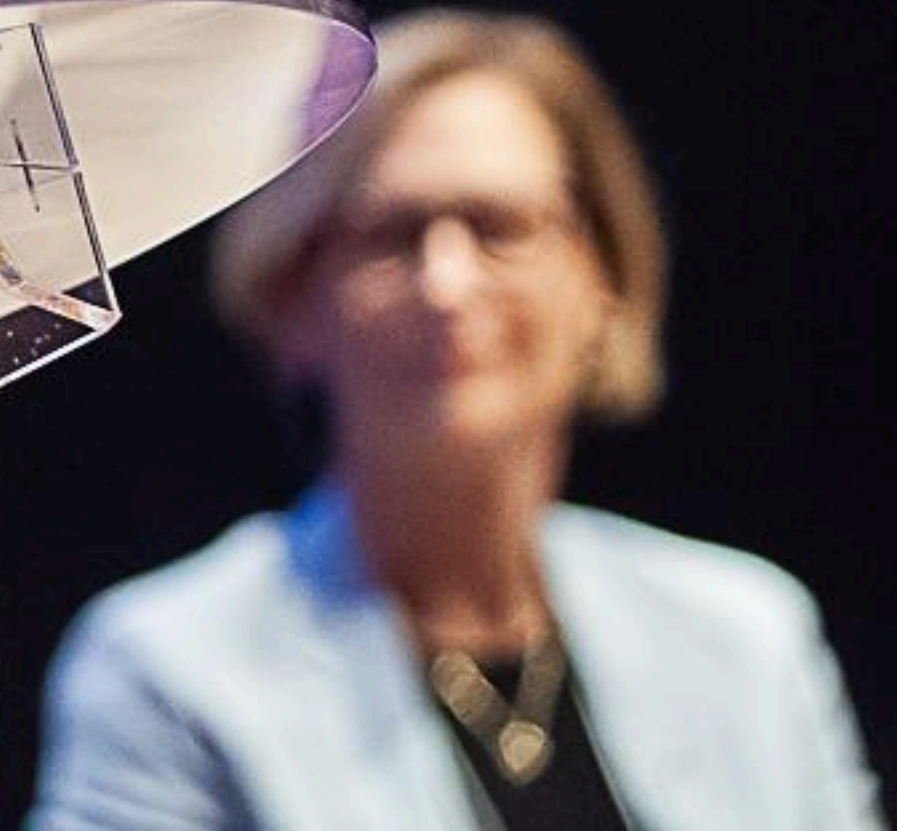






try

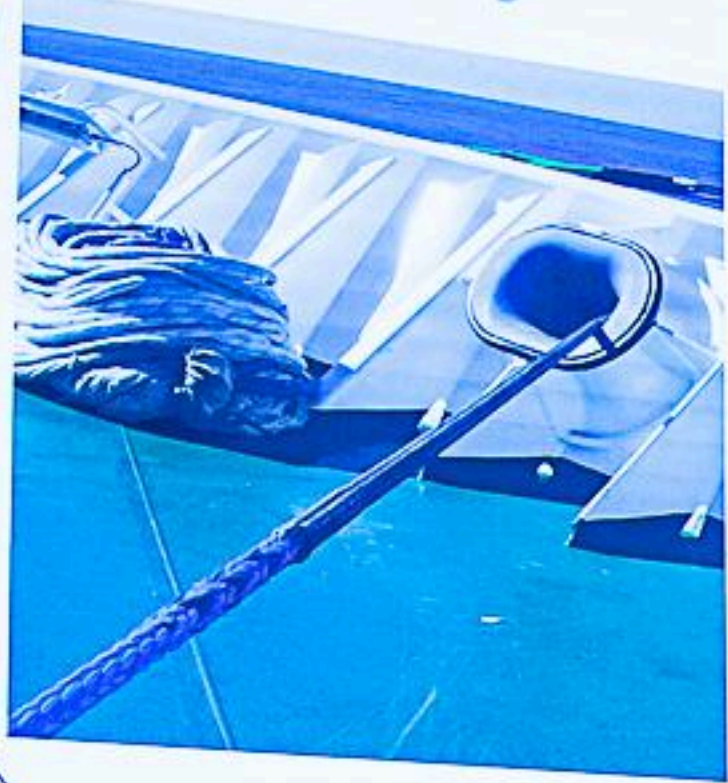
Driving positive change within the maritime industry



People



Safety



Security



Emissions



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People



Safety



Security



Emissions



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OCIMF

Leadership Insights

Planning
Noac - General Manager, Petrobras' Logistics &

OCIMF





Mr. Rafael Noac – General Manager, Petrobras' Logistics & Planning

Leadership Insights



Mr. Rafael Noac – General Manager, Petrobras' Logistics & Planning

Leadership Insights





ay – 22 May 2024

Research Centre (CENPES), Rio – Brazil





Regulation

- The IMO has set global ambitions and regulations reduce shipping emissions.
- Regional regulations, such as the EU and CARB, are driving change.

Cargo Owners and Consumers

- Companies and consumers demand sustainable practices throughout the supply chain to meet their commitments.
- The **Sea Cargo Charter** is an example of an initiative for the tanker section.

Insurance and Finance

- Insurance companies and banks are more likely to finance shipping companies with strong decarbonisation strategies.
- The **Poseidon Principles** is an example of an initiative in the insurance sector.



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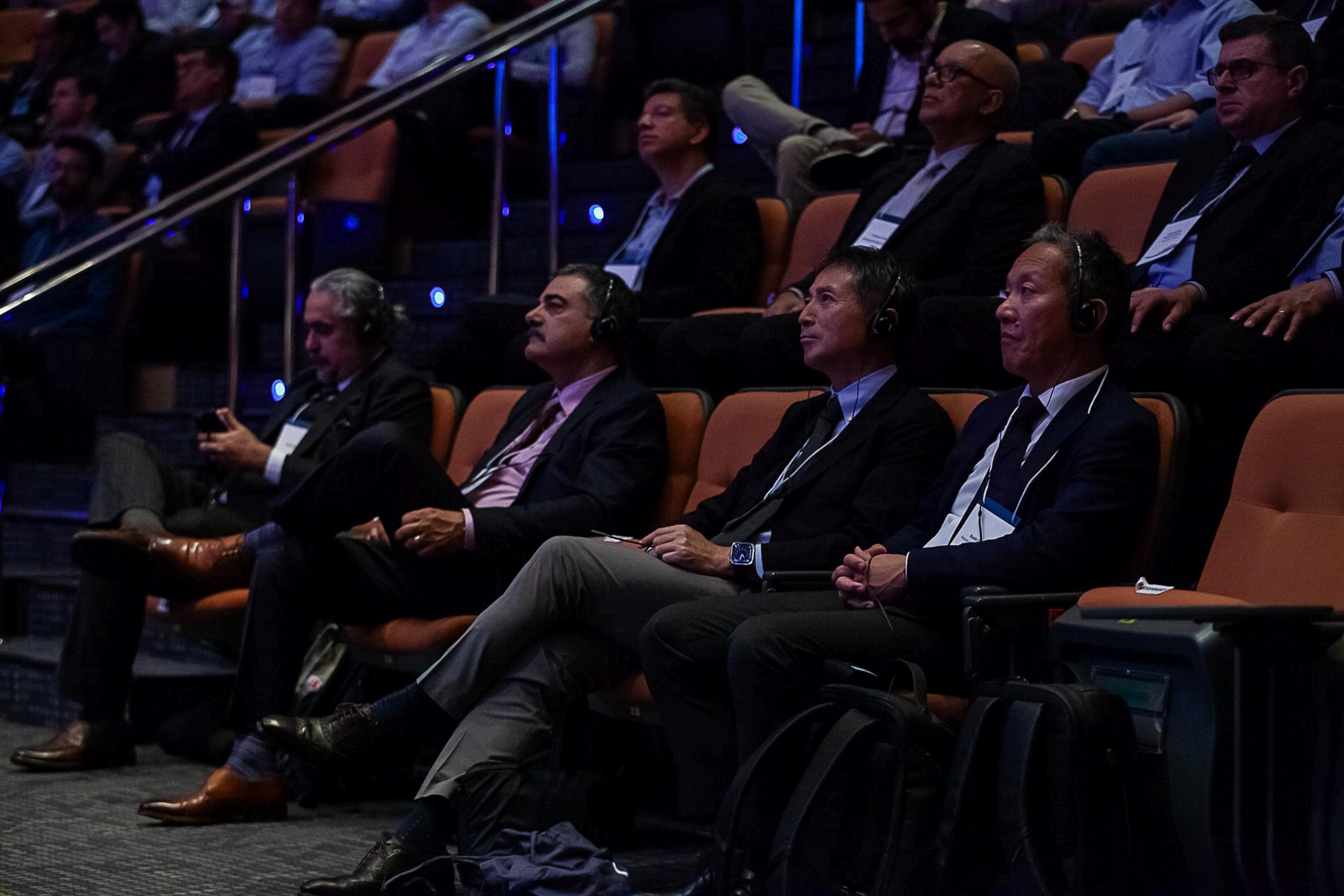
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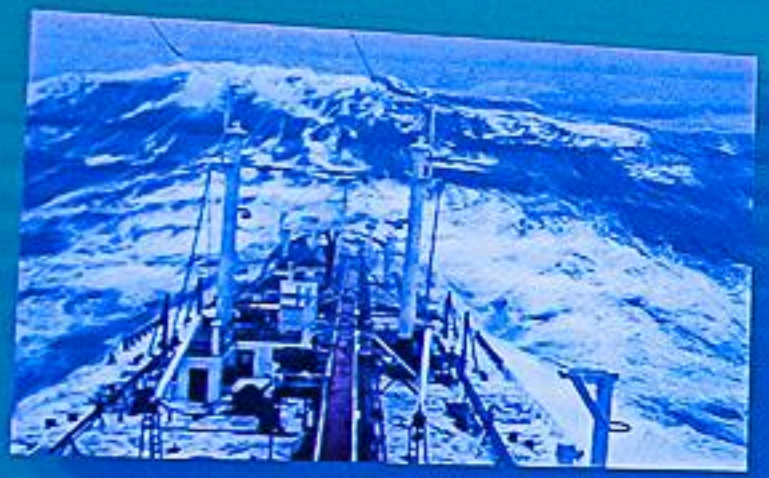


BR TRANSPETRO



DECARBONIZATION SCENERY

IN PROGRESS AN
IMPORTANT
CHANGE OF ERA



"We are living in the interregnum between what is no longer and what is not yet".
Bauman and Mauro, 2016.

Because of the myth of progress, it is much easier to sell a man an electric razor than a straight razor.
Jacques Ellul, 1967.

"The human race is challenged more than ever before to demonstrate our mastery, not over nature but of ourselves".
Rachel Carson, 1951.

For many centuries, maritime transport has protected itself from the environment. Today, we must protect it too.

BR TRANSPETRO

THE TECHNOLOGICAL SOCIETY
JACQUES ELLUL
With an Introduction by Robert M. Weisner

One way to open your eyes is to ask yourself, "What if I had never seen this before? What if I knew a world never seen to begin with?"

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Speaker at a podium on stage.

Panelist seated in a chair on stage.

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Current Emissions in Shipping

1 Urgent Need for Action

Shipping accounts for a significant portion of global GHG emissions [3%], making it a **critical sector** for decarbonization efforts.

2 Regulatory Targets

Governments and international organizations have set **ambitious targets** for emissions reductions in the shipping industry.

3 Technological Innovations

New **alternative fuels** and **energy-saving technologies** offer promising solutions to meet these emissions reduction goals.

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Jean-David Caprace
Federal University
of Rio de Janeiro



