

Leveraging NDCs to transition away from fossil fuels and protect biodiversity



Speakers

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Juan Carlos Bedoya | Colombia

A Sector Case: Shipping, LNG and NDCs



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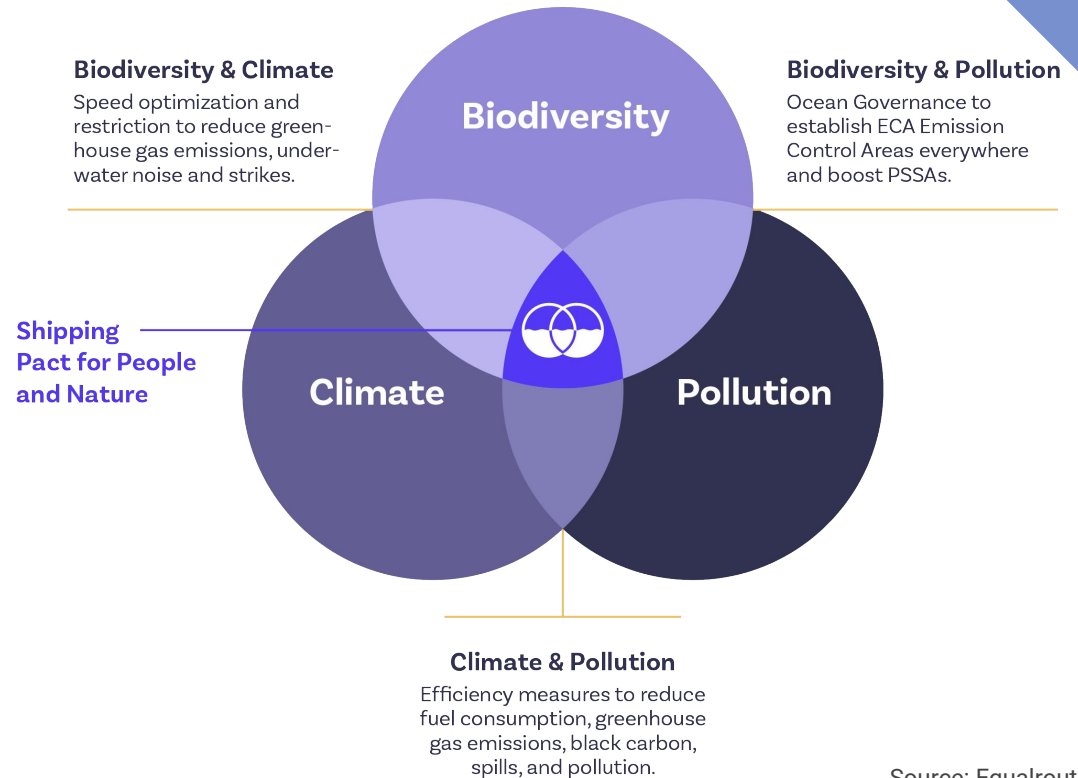


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Global Director | Say No to LNG

Setting the Context: Shipping Nexus

Shipping is in the intersection of the triple planetary crisis

It's in the interest of urgent climate action to make equal progress on biodiversity loss and pollution impact.



Biodiversity: Shipping and MPAs



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MPAs are not protected from shipping activities

- A Particularly Sensitive Sea Area (PSSA) is protected from International Shipping due to its recognized ecological, socio-economic, or scientific importance.



Climate: Shipping and NDCs

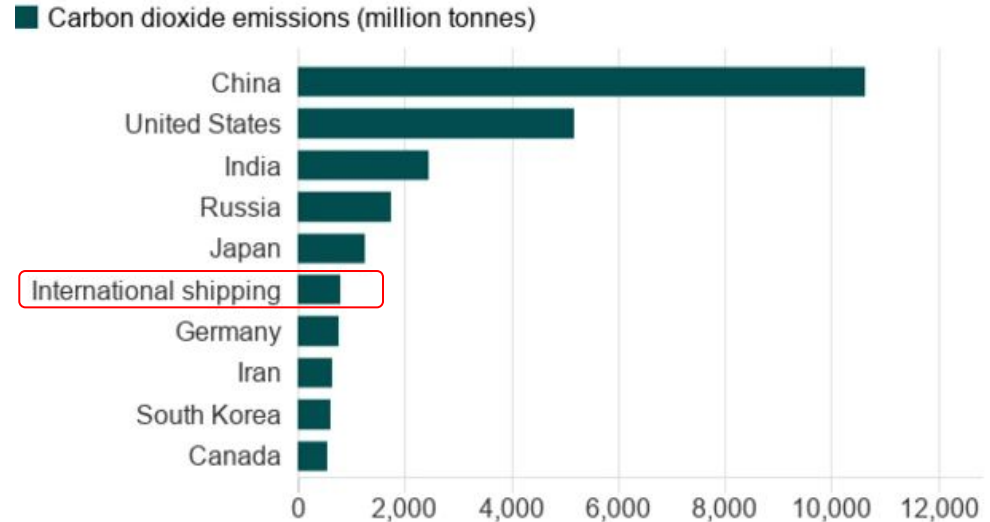


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If shipping was a country, it would be the 6th biggest emitter of CO2

- *International Shipping not included in NDCs and covered by the International Maritime Organization (IMO) conventions*



Sources: International Council on Clean Transportation, Netherlands Environmental Assessment Agency

BBC

Climate: NDCs and Shipping Emissions



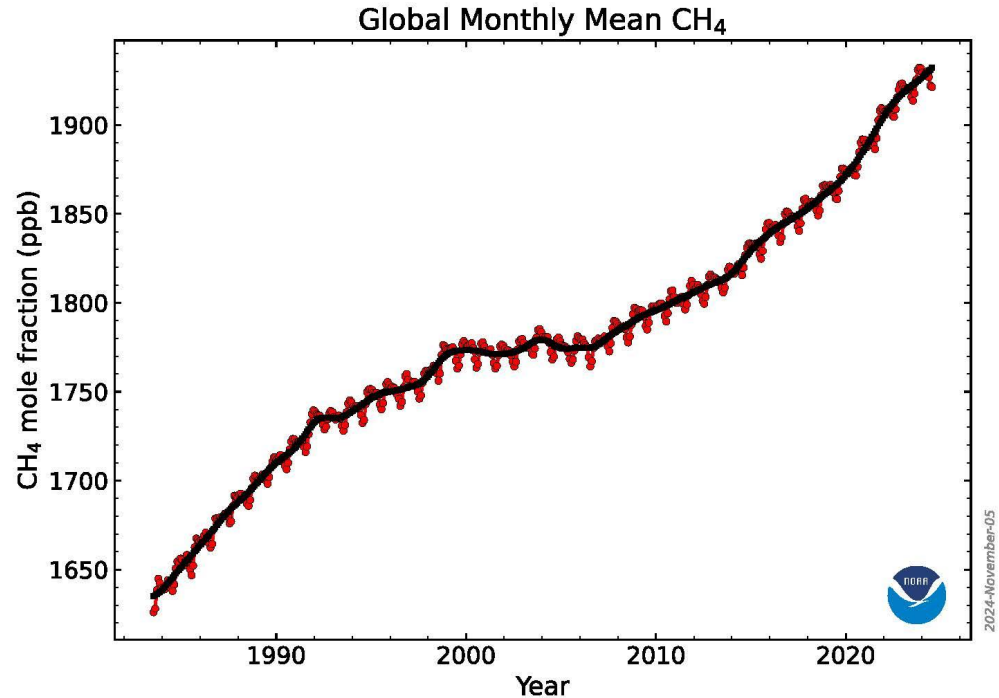
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- 23 coastal countries included shipping emissions in last NDCs
 - Only about **7 countries** have all-emissions net-zero targets
- Cabo Verde
 - **Canada**
 - China
 - Dominica
 - Equatorial Guinea
 - **Fiji**
 - **Japan**
 - **Monaco**
 - New Zealand
 - Norway
 - Republic of Korea
 - Maldives
 - St. Lucia
 - Samoa
 - Saudi Arabia
 - **Seychelles**
 - **Republic of the Marshall Islands**
 - Türkiye
 - United Kingdom
 - **United States**
 - Vanuatu
 - Venezuela
 - United Republic of Tanzania

Methane's Role in Climate Warming

- Methane: 87x more potent than CO₂ over 20 years
- Global methane emissions are at **record highs**



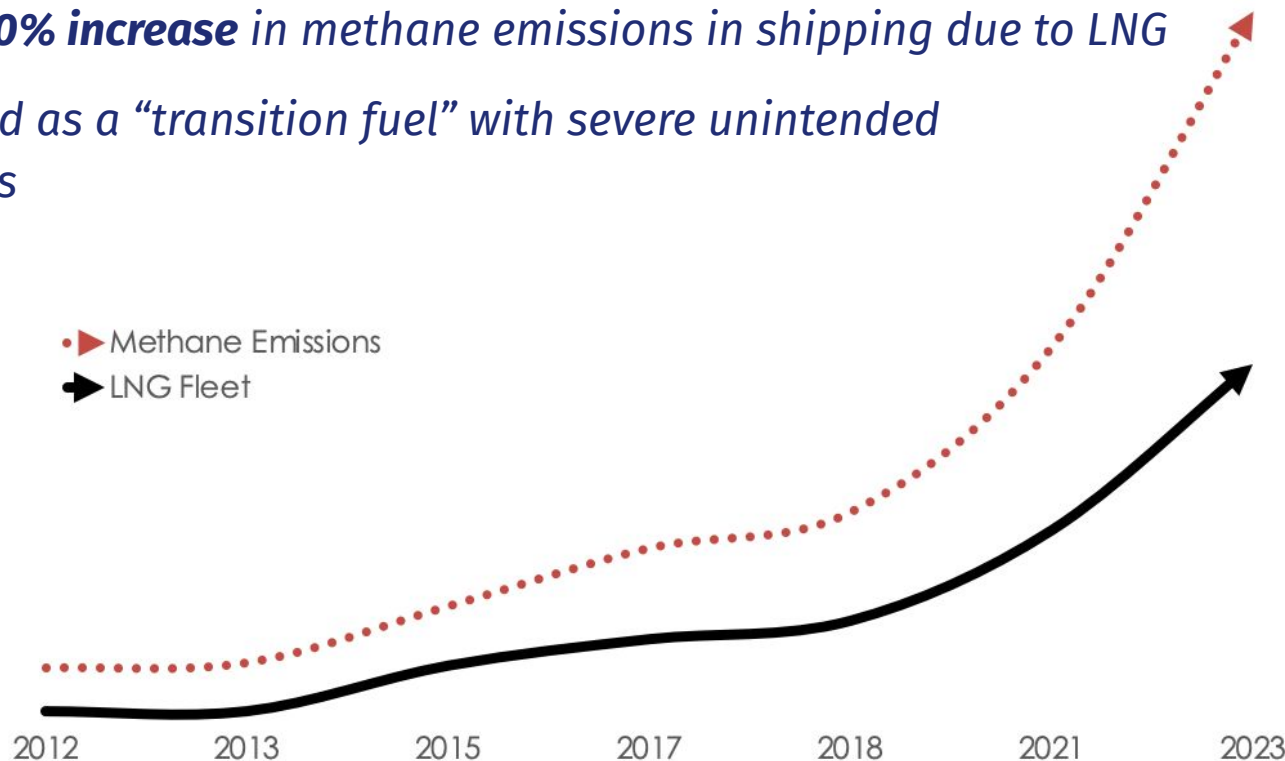
Methane and LNG in Shipping



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- 2012-2018: **150% increase** in methane emissions in shipping due to LNG
- LNG promoted as a “transition fuel” with severe unintended consequences



Source: IMO 4th GHG Assessment

Tackling Methane Reduction from Shipping is Critical and Achievable

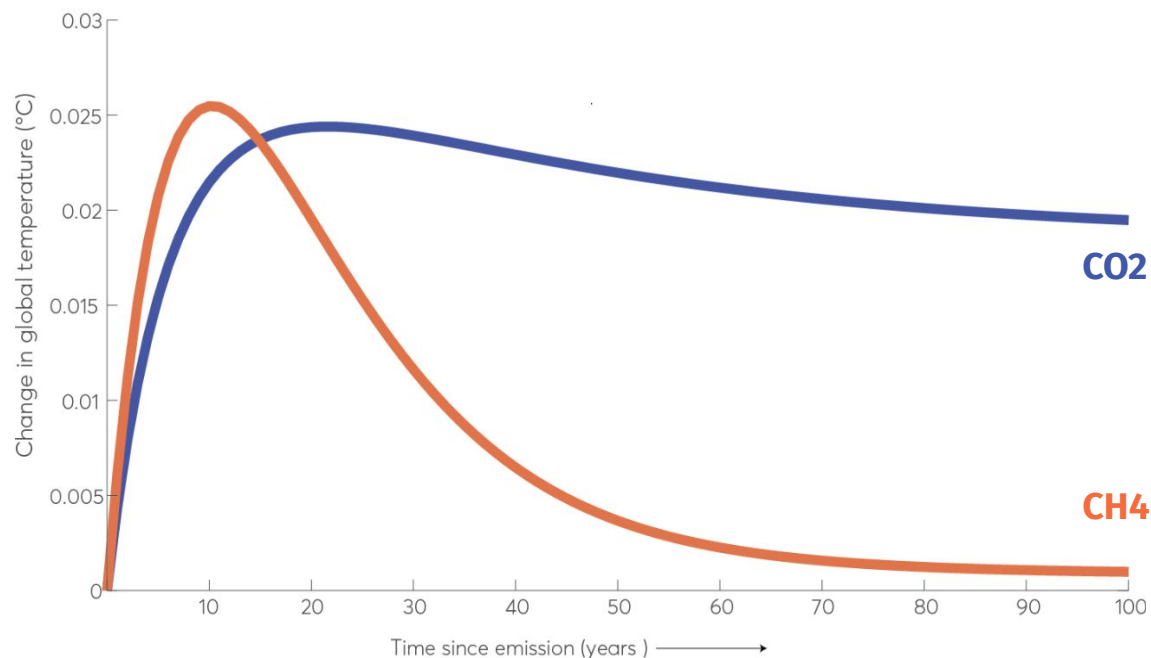


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Methane: Short-lived (10 years) vs. CO₂ (centuries)

Opportunity: Significant warming reduction in the short-term



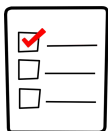
Source: Adapted from The Breakthrough Institute

Recommendations for NDCs and Shipping



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Include shipping emissions in NDCs



Target methane emissions as a climate priority



Move away from methane-based (LNG, biomethane, e-LNG) false solutions and MPAs as no-go zone for shipping activities



Be a signatory of the Beyond Methane Pledge



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Let's leverage NDCs to hold shipping accountable for its emissions. Methane reduction is within reach and necessary for a livable future.

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