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SOLUTION AND DELIVERY EVENT

One Year of the Belém 4X Pledge and the Future Fuels Action Plan: From Commitment to Action

Date: 10/Nov.| Time: 11h00-12h00| Room: Special Event Room 3
Organized by: Clean Energy Ministerial, Brazil
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Context

The first global stocktake (GST) of the Paris Agreement, adopted during COP28 in Dubai, underscored the urgent need for deep, rapid and sustained GHG emissions reductions. It called on all parties to contribute to "transitioning away from fossil fuels in energy systems, in a just, orderly and equitable manner, accelerating action in this critical decade." Expanding the production and use of sustainable fuels – including liquid biofuels, biogases, low-emission hydrogen and hydrogen-based fuels – is essential to complement electrification and implement ambition by rapidly and significantly reducing emissions from hard-to-abate sectors, such as aviation, maritime navigation, road transport and industry.

Work on energy transitions within the multilateral architecture (including the COP process) has advanced substantially over the last years. However, not enough attention has been paid to alternative pathways for sustainable carbon molecules, as a complement to electrification. Evidence around us shows that this has to change.

This spotlight event will mark the one-year anniversary of the Belém 4x Pledge on Sustainable Fuels. Launched by the COP30 Presidency and supported by a diverse coalition of countries, the Belém 4X Pledge on Sustainable Fuels is an international ambition to quadruple the use and production of sustainable fuels globally by 2035. As of October 2026, the pledge has been endorsed by 32 countries, developed and developing, from all regions of the world.

CEM Future Fuels has built the first government-led, multilateral community advancing all technology pathways and end-use sectors for sustainable fuels. Over the past year, under the COP Action Agenda Axis 1, the CEM Future Fuels Action Plan (FFAP) has been used by countries supporting the Belém 4X Pledge as the key implementation platform to turn this ambition into action. Launched in 2024 in Foz do Iguacu under the Brazilian G20 Presidency, the FFAP consists of a coalition of governments, industry, and other key partners removing deployment barriers to sustainable fuels and materials. With a tangible focus on delivery, this diverse community brings together all sustainable fuels technologies and sectors.

The International Energy Agency (IEA) is responsible for tracking progress against the Belém 4X Pledge, assessing policies and investments needed to stay on track.

Session Objectives

This session will provide a high-level spotlight on the progress made accelerating collaboration in support of the Belém 4X Pledge. It will emphasize the importance of accelerating deployment by addressing three priority pillars under the Action Plan:

- Demand Creation

- Lifecycle Carbon Accounting
- Markets and Infrastructure.

The session will bring together international leaders from the energy, transport, industry, and agricultural sectors to reflect on progress since COP30—and what further action is needed. It will open with high-level remarks by the COP30 and COP31 Presidencies and government representatives. This will be followed by a scene-setting presentation by the IEA tracking progress. Then there will be presentations on implementation activities and reports showcasing results and foundations for future action and providing an investment perspective on sustainable fuels across the supply chain.

Expected Outcomes

- Update the UNFCCC audience on the Belém 4X Pledge implementation and increase endorsement
- Showcase reports and knowledge products for policymakers and investors on the deployment of sustainable fuels in key sectors.
- Engage and expand the Future Fuels community to agree on remaining gaps and collaborate on new ways to address the barriers to the use, production, and trade of sustainable fuels.

Preliminary Agenda

Time	Segment
11:00-11:15	**1. High-level Opening Remarks** Description: High-level support to the Belém 4X Pledge and the FFAP, highlighting their emerging role in recent discussions on energy transitions, energy security and international cooperation. The opening also reflects on how the Belém 4X engages with and contributes to discussions within both the negotiation and action tracks of the UNFCCC. Speakers: - Ambassador André Corrêa do Lago, COP30 President, Brazil - Dr. Michel Heijdra, Vice Minister for Climate and Energy, Netherlands, “CEM Biofuture Platform Declaration on Sustainable Chemicals and Materials” and “CEM IHTF Public-Private Implementation Statement” - Dr. Alessandro Guerri, Director-General for European and International Affairs and Sustainable Finance, Ministry of the Environment and Energy Security, Italy - Mr. Murat Kurum, Minister of Environment, Urbanization and Climate Change, COP31 President, Türkiye (TBC)
11:15-11:25	**2. The Belém 4X Pledge – Tracking progress after one year** Description: Presentation by the IEA of the implementation progress of the Belém 4X Pledge. Focus on reinforcing the importance of sustainable fuels for the energy transition and the necessary ambition to reach climate targets. Speaker: Paolo Frankl, Head of the Renewable Energy Division, IEA

11:25-11:55 **3. Implementation Panel: A showcase of concrete progress to date**

Description: Short 3-min interventions by governments, international organizations and private sector leaders on landmark outcomes such as publications, implementation activities and new partnerships on expanding sustainable fuels across sectors and across global supply chains.

Panellists:

1. Mr. Deepak Srivastava, Director of Bio Refinery, Ministry of Petroleum and Natural Gas, India
2. Ms. Eriko Seki, Deputy Director of the Global Environmental Affairs Office, Ministry of Economy, Trade and Industry, Japan
3. Dr. Eng. Nawal Al-Hanaee, Director of the Future Energy Department, Minister of Energy and Infrastructure, United Arab Emirates
4. Mr. Arsenio Dominguez, Secretary-General, IMO: “Blueprint for Ports as Clean Energy Centers” and “Ports Readiness Toolkit for Establishing Clean Energy Marine Hubs”
5. Dr. Glaucia Souza, IEA Bioenergy Task 39 Leader: “Technical Conclusions from the IEA Bioenergy Task 39 Industry Hearing”
6. Ms. Ivana Jemelkova, CEO of the Hydrogen Council: “CEM International Hydrogen Trade Forum's Public-Private Implementation Statement”
7. Mr. Thomas Kazakos, Secretary-General, International Chamber of Shipping
8. Dr. Jon Creyts, CEO of RMI
9. Mr. Maarten Wetselaar, CEO of Moeve
10. Ms. Morgan Rote, Associate Vice President, Environmental Defense Fund

The panel will be moderated by Jean-François Gagné, CEM Head of Secretariat.

11:55-12:00 **4. Closing Remarks**

Description: Summary of the event's contributions as input into the BELÉM 4X implementation process. The hosts send an invitation to endorse the Pledge and accelerate implementation.

Speaker: Jean François Gagné, Head of CEM Secretariat