



Solutions Dialogue: Scaling energy transition solutions in emerging markets

Date: 15 November 2024, 10:15-11:15 (local time)

Where: Canadian Pavilion, Blue Zone, COP29

Overview & Background

In 2024, the Powering Past Coal Alliance hosted a series of solutions dialogues, sharing lessons learnt from first movers, key findings and innovative solutions from international experts. In Santiago, Jakarta, New York, Singapore and others, the PPCA has been gathering solutions to address the challenges of early retirement, just transition and security of supply, noting that these are critical issues that emerging markets face when considering how to phase out coal from their energy systems.

In addition, the PPCA is also hosting the France-Indonesia-led Coal Transition Commission, which aims to develop practical policy solutions to help unlock new solutions to support coal transitions, underpinned by greater consensus on policy guardrails and associated sources of public and private finance.

This COP29 Solutions Dialogue will conclude the series and spotlight the Americas and Asia-Pacific. It will highlight the support available from governments, technical partners, and financial mechanisms to help emerging economies develop plans and take the necessary steps toward a coal phase-out aligned with the 1.5°C target.

Southeast Asia, with its relatively young coal fleet and ongoing energy demand, faces unique challenges in balancing energy security with the urgency of reducing emissions. Meanwhile, countries in the Americas have made significant strides in transitioning from coal and expanding renewable energy, providing valuable insights on how to accelerate the energy transition while ensuring a just and equitable process for affected communities.

Objectives

- To facilitate dialogue and knowledge sharing on the principles and practices of **just transition, energy security, and resilience** in the context of climate action and sustainable development.
- To celebrate the **recent successes** and progress made in Chile and Latin America in the context of the coal transition.
- To showcase **case studies and best practices** from PPCA members and partners.
- To **encourage further ambition on coal** in domestic energy plans, NDCs and Long-Term Strategy.

Key themes

- **Early coal plant retirement:** To advance solutions for the complex challenges of retiring coal power plants earlier than the end of their economic life, including securing financing and enacting effective policies and regulations that reflect the impacts of coal power plants and allow for fair market competition.
- **Energy security:** To promote the build-out of renewables, energy storage, and grids at scale to replace coal power. To share best practices on energy planning, grid operation, and market

design to ensure secure electricity supply as countries' power system transitions away from coal and towards clean.

- **Just transition:** To share best practices on appropriate policies, planning processes, and financial support needed to protect workers and communities affected by the transition and boost local development.

Audience/ participants

- **Policymakers** from various relevant ministries – such as energy, climate and finance – from Latin American and Southeast Asia countries
- **Practitioners**, including from the private sector, international organisations and civil society, working on implementing policy solutions for just transition and power system transformation.

Agenda

TIME	SESSION
10:15-10:30	Welcome Remarks and Announcements <ul style="list-style-type: none"> • Catherine Stewart, Ambassador for Climate Change, Canada (tbc) • Kerry McCarthy, Minister of Climate, Department of Energy Security and Net Zero, United Kingdom • John Murton, Senior Sustainability Adviser, Standard Chartered
10:30-10:50	Planning for Energy Security in the Americas: Supporting retirement of coal plants and deployment of transmission infrastructure and renewables <ul style="list-style-type: none"> • Maisa Rojas Corradi, Minister of Environment, Chile • Benoit Charette, Minister of the Environment, the Fight Against Climate Change, Wildlife and Parks, Québec, Canada • Dr. Paul Kearns, Director, Argonne National Laboratory • Moderator: Brian O'Hanlon, Managing Director, RMI
10:50-11:10	Early Retirement Mechanisms in Southeast Asia <ul style="list-style-type: none"> • Tariye Gbadegesin, CEO, Climate Investment Funds • Philip Rose, Director, Southeast Asia Energy Transition Partnership • Moderator: Julia Skorupska, Head of PPCA Secretariat
11:10-11:15	Closing Remarks <ul style="list-style-type: none"> • Alexandra Sdoukou, Deputy Minister of Environment and Energy, Greece