CANADA-SOUTHEAST ASIA POLICY DIALOGUE ON CLEAN ENERGY INNOVATION AND TRANSITION

Side Event: 10th Asia-Pacific Forum for Sustainable Development
March 27, 12:00-13:40 GMT+7
Virtual event on Kumospace (link will be given only to selected participants)

Organizer(s)
Asia Pacific Foundation of Canada (APF Canada)

Co-organizer(s)
United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

Registration
To register for this side event, please use:
https://forms.office.com/r/RnR7Uxqzny.

Background
Southeast Asia (SEA) was regarded as a "slow starter" in the energy transition but has accelerated the decarbonization path, with most SEA countries developing their own road maps to achieve net-zero emissions between 2050 and 2065. Various efforts have been made to push clean energy expansion. Singapore's first power import project begins through the Lao PDR-Thailand-Malaysia-Singapore Power Integration project; the Philippines's inaugural green energy auction awarded 76% of the capacity to solar; and Vietnam's latest Power Development Plan (PDP) 8 draft appears to center on gas and wind. Besides, it was noted that nuclear power is now being considered as one of the clean energy transition options in the region. The heavily coal-reliant countries—the
Philippines, Indonesia, and Vietnam—all float their prospects of nuclear power development in the most recent announcements during the second quarter of 2022.

This policy dialogue will bring in key experts both from Canada and Southeast Asia to discuss key issues related to clean energy innovation and transition in the region. The discussion will be held under the Chatham House Rule and aims to spark ideas and insights on how Southeast Asia can smoothly undertake its clean energy transition.

**Key Questions and Outcomes**

There are three key guiding questions that will be addressed during the dialogue, namely:

1. What is the state of play of clean energy transition in Southeast Asia?
2. How to balance the energy mix that is more climate-friendly and stable at the same time? What are the intermediate solutions to address this conundrum?
3. What are the innovative clean energy solutions that might be suitable for Southeast Asia?

Bringing together experts from Canada and Southeast Asia, this dialogue will enable exchange of insights and ideas on clean energy innovation and transition. More specifically, the expected outcomes of dialogue are:

1. Enhanced dialogue among different stakeholders on key issues related to the clean energy innovation and transition in Southeast Asia.
2. Insights on the intermediate and innovative clean energy solutions that could balance the need for a climate-friendly and stable energy mix in the region.
3. Summary of discussion, which will be uploaded on APFSD website.
## Program

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<th>Time</th>
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<tr>
<td>12:00 – 12:05</td>
<td><strong>Program Opening</strong></td>
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<td>12:05 – 12:10</td>
<td><strong>Opening Remarks</strong></td>
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<td>• Dr. Jeffrey Reeves, Vice-President of Research and Strategy,</td>
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| 12:10 – 12:55 | **Plenary Session: Clean Energy Innovation and Transition in Canada and Southeast Asia**  
  This session aims to set the scene for the discussion during the breakout session. It provides insights on the type of technology and innovation developed by Southeast Asia countries and Canada for transitioning into clean energy. These include cross border power grid integration and small modular nuclear reactor.  
  **Moderator:**  
  • Mr. Ruhimat Soerakoesoemah, Head of Subregional Office for South-East Asia, ESCAP  
  **Speakers:**  
  • Regional Power Connectivity for Sustainable Development  
    Mr. Mathew Wittenstein, Chief of Section, Energy Connectivity, Energy Division, ESCAP (10 minutes)  
  • Small Modular Reactor: A Clean Energy Alternative  
    Representative, Bruce Power/Ontario Power Generation/SNC-Lavalin (10 minutes) - TBC  
  Q&A Session (15 minutes) |
| 12:55 – 13:00 | **Moving Into Breakout Groups**                                        |
| 13:00 – 13:35 | **Breakout Session**  
  In the breakout session, the participants will be divided into three groups. Each group will be moderated by a representative from APF Canada/ESCAP and discuss the following questions:
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<tr>
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<td>• What is the state of play of clean energy transition in your country?</td>
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<td>• How to balance the energy mix that is more climate-friendly and stable at the same time? What are the intermediate solutions to address this conundrum?</td>
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<td>• What are the innovative clean energy solutions that might be suitable for Southeast Asia?</td>
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<td>13:35 – 13:40</td>
<td><strong>Closing Remarks</strong></td>
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<td>• <strong>Mr. Ruhimat Soerakoesoemah</strong>, Head of Subregional Office for South-East Asia, ESCAP (5 minutes)</td>
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**For information**, please contact Mr. Suryo Ariyanto Nugroho, Program Manager of Networks and Partnerships, Asia Pacific Foundation of Canada at suryo.nugroho@asiapacific.ca.