



On behalf of



of the Federal Republic of Germany

# **Clean, Affordable and Secure Energy for Southeast Asia (CASE)**

ASEAN Outlook for Zero Carbon Energy – Feb 09, 2022

**Simon Rolland – Programme Director, GIZ**





**CASE**  
for Southeast Asia

On behalf of



Federal Ministry  
for the Environment, Nature Conservation,  
Nuclear Safety and Consumer Protection

of the Federal Republic of Germany

# Introduction to CASE

# CASE Countries and Regional



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4 countries:

- **Vietnam**
- **Indonesia**
- **Philippines**
- **Thailand**

Supported by an  
**international /  
regional secretariat**

# CASE Countries and Regional



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## Coordinator



## Regional Implementing Partners



## Aligned programme of



## National Implementing Partners

 	  INSTITUTE FOR CLIMATE AND SUSTAINABLE CITIES	  	 
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# About the CASE programme



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**Objective:** The narrative of the direction of the energy sector in Southeast Asia has substantially shifted towards an **evidence-based energy transition**, aiming to increase political ambition to comply with the Paris Agreement.

## Outputs



### Research and Evidence

The evidence base for an energy transition in SEA is improved



### Transparency and Mapping

Synergies between different energy transition activities in the region are maximized due to increased transparency and cooperation



### Dialogue Non-energy sector

The dialogue on energy transition within government bodies is improved



### Technical Assistance (energy)

The capacities of key energy sector stakeholders to undertake an energy transition are strengthened



### Promoting public discourse

A public discourse on energy transition is established



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# Next steps for CASE

# Southeast Asia Information Platform for Energy Transition (SIPET)



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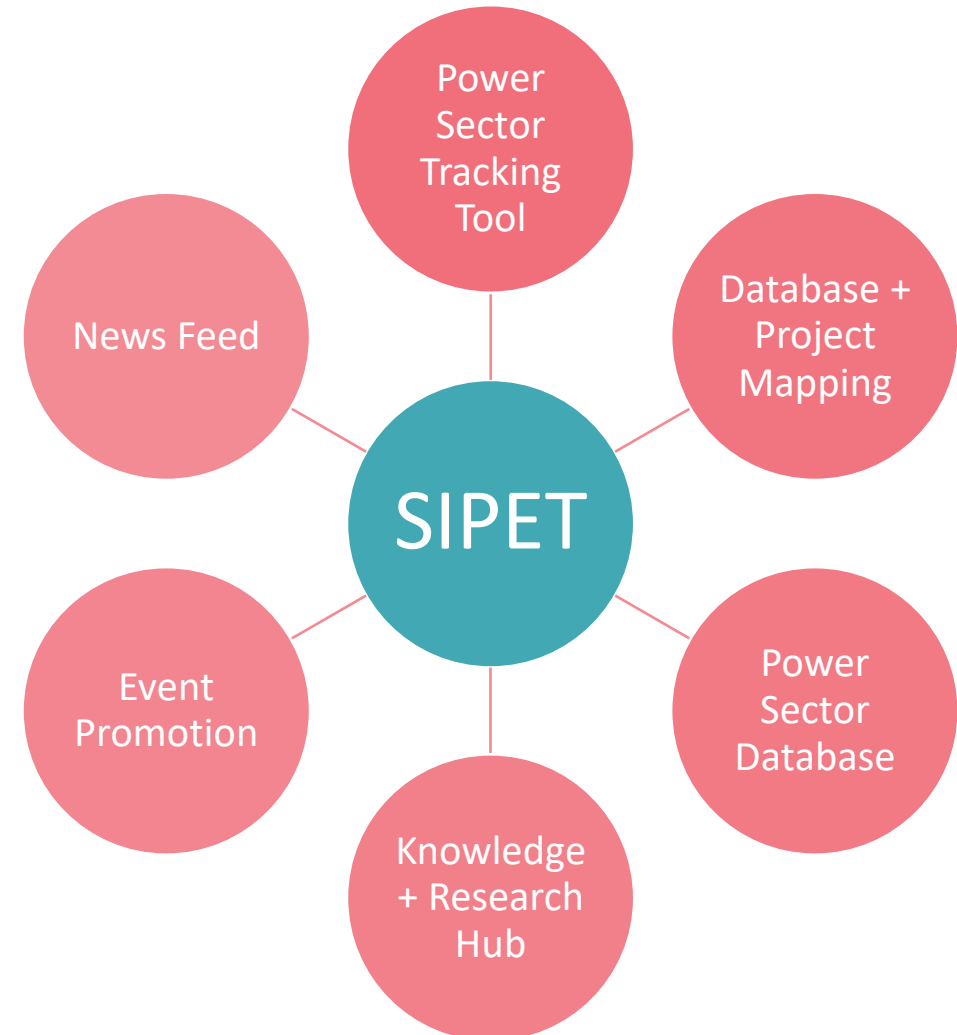
of the Federal Republic of Germany

- **What:**  
An interactive platform for the Energy Transition movement in Southeast Asia

- **When:**
  - Currently: development phase
  - Launch foreseen Q2 2022

- **Who:**

• Donors, donor programs	• Academia, think tanks, NGOs	• Private sector firms	• Banks, investors, fund managers
• Initiatives (govt., corporate, NGO)	• Associations (trade, consumer, etc.)	• International Financial Institutions	• Technical experts



# Southeast Asia Information Platform for Energy Transition (SIPET)



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The screenshot shows the SIPET website home page. At the top, there is a dark teal navigation bar with social media icons (LinkedIn, Twitter, YouTube, Facebook) and links for 'News and Updates', 'Support', 'Policies', and font size controls (A+, A, A-). Below this is a white navigation bar with the 'SIPET' logo and menu items: 'About Us', 'Partners', 'Power Statistics', 'Project', 'Resources', 'Resources and Reports', 'Events', and 'Research and Analysis'. A search icon and a yellow 'Log In' button are on the right. The main content area features a large background image of an industrial facility with smokestacks. The headline reads 'Energize Society Using Sustainable & Renewable Energy' with the subtext 'One platform to get all the renewable energy information' and a yellow 'Find out more' button with a right arrow. A teal text box on the right says 'Early Mock-up of SIPET Home Page - For Illustration Only'. Below this is a 'RECENT UPDATES' section with three news items and a 'View more' button with a right arrow.



**ABOUT SIPET -**



# Regional SEA Energy Transition Dialogue



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- **What:**

- Taking inspiration from the expertly organised and greatly effective annual **Indonesia Energy Transition Dialogues**, ran by IESR
- Transferring the concept to the Southeast Asia regional level

- **When:**

- Multi-day event (*in-person / hybrid / virtual tbd*)
- Nov 2022

- **Who:**

- In an inclusive format, bringing together both experts from the energy field as well as others having a stake in the energy transition



# Selected research activities 2022



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- **Power Sector Review:**
  - To build up a (potentially open source) power sector database of ten ASEAN countries
- **International Finance Mapping:**
  - Map and capture key data and information on the finance and investment environment related to the energy transition in Indonesia, Philippines, Thailand and Vietnam
- **Role of gas:**
  - Demand-side: long-term potential pathways of gas demand across the power
  - Supply-side: need for net-zero emissions to impact the shift towards other energy carriers and energy conversion technologies (replacing gas)

# Country activities 2022



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Country	Themes/research priorities
Indonesia	<ul style="list-style-type: none"><li>• <b>Renewable Energy Upscaling/Integration:</b> RE Grid Integration, Green Recovery, Energy Sector Mitigation Actions.</li><li>• <b>Decarbonization of Fossil Fuels:</b> Coal Phase Down, Just Transition.</li><li>• <b>Sustainable Energy Finance:</b> De-Risking Investments for RE, Finance for energy system, Climate Finance.</li></ul>
Philippines	<ul style="list-style-type: none"><li>• Impact study on <b>grid flexibilities</b>.</li><li>• <b>Technical Reports/repackaging of evidence</b> (Comparative Assessment of Baseload Coal and Variable Renewable Generating Technologies)</li><li>• Capacity building for energy stakeholders: <b>LEAP training</b>.</li></ul>
Vietnam	<ul style="list-style-type: none"><li>• Study on <b>Long-term Energy Planning and co-benefits</b> of energy transition.</li><li>• Study on <b>Power grid planning and investment</b>.</li><li>• Study on <b>mechanisms for investing</b> in clean power supply.</li><li>• Capacity building for energy and non-energy stakeholders.</li></ul>
Thailand	<ul style="list-style-type: none"><li>• <b>De-carbonization roadmap</b> (defining long term pathway and implementation plan, modeling analysis, and stakeholder consultation).</li><li>• <b>Derisking renewables investment</b>.</li><li>• Capacity building for energy and non-energy stakeholders.</li></ul>



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## Contact Us

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