



CASE
for Southeast Asia

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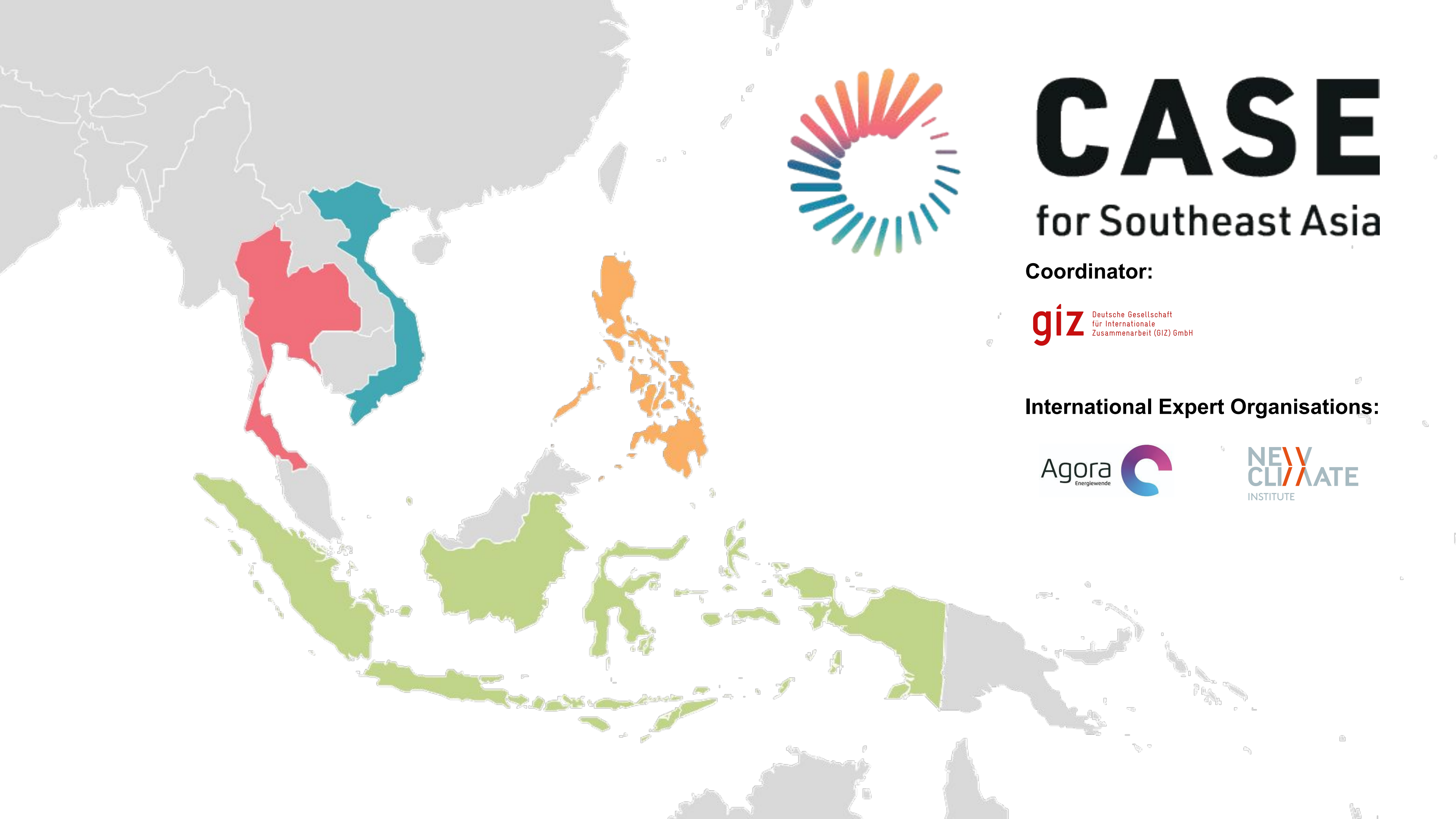
SIPET
SEA Information Platform
for the Energy Transition

From Data to Decisions: SIPET and the Power Policy Tracker for Smarter Transitions

06 June 2025

Maximilian Heil,
Project Coordinator, CASE

on behalf of Clean, Affordable and Secure Energy (CASE)
for Southeast Asia



CASE

for Southeast Asia

Coordinator:



International Expert Organisations:





CASE

for Southeast Asia

Coordinator:



International Expert Organisations:



TDRI THAILAND
DEVELOPMENT
RESEARCH
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INSTITUTE FOR
CLIMATE AND
SUSTAINABLE
CITIES



CASE Approach

Mission: Facilitate an evidence-based energy transition in Southeast Asia considering energy security and affordability, towards global and country carbon neutrality net-zero targets.

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Research and Evidence

The evidence base for an energy transition in SEA is improved



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



Transparency and Mapping

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



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BRIDGING THE INFORMATION GAP

SIPET is an Interactive Platform

Connecting People & Data

Why? To address common challenges faced by energy transition stakeholders.

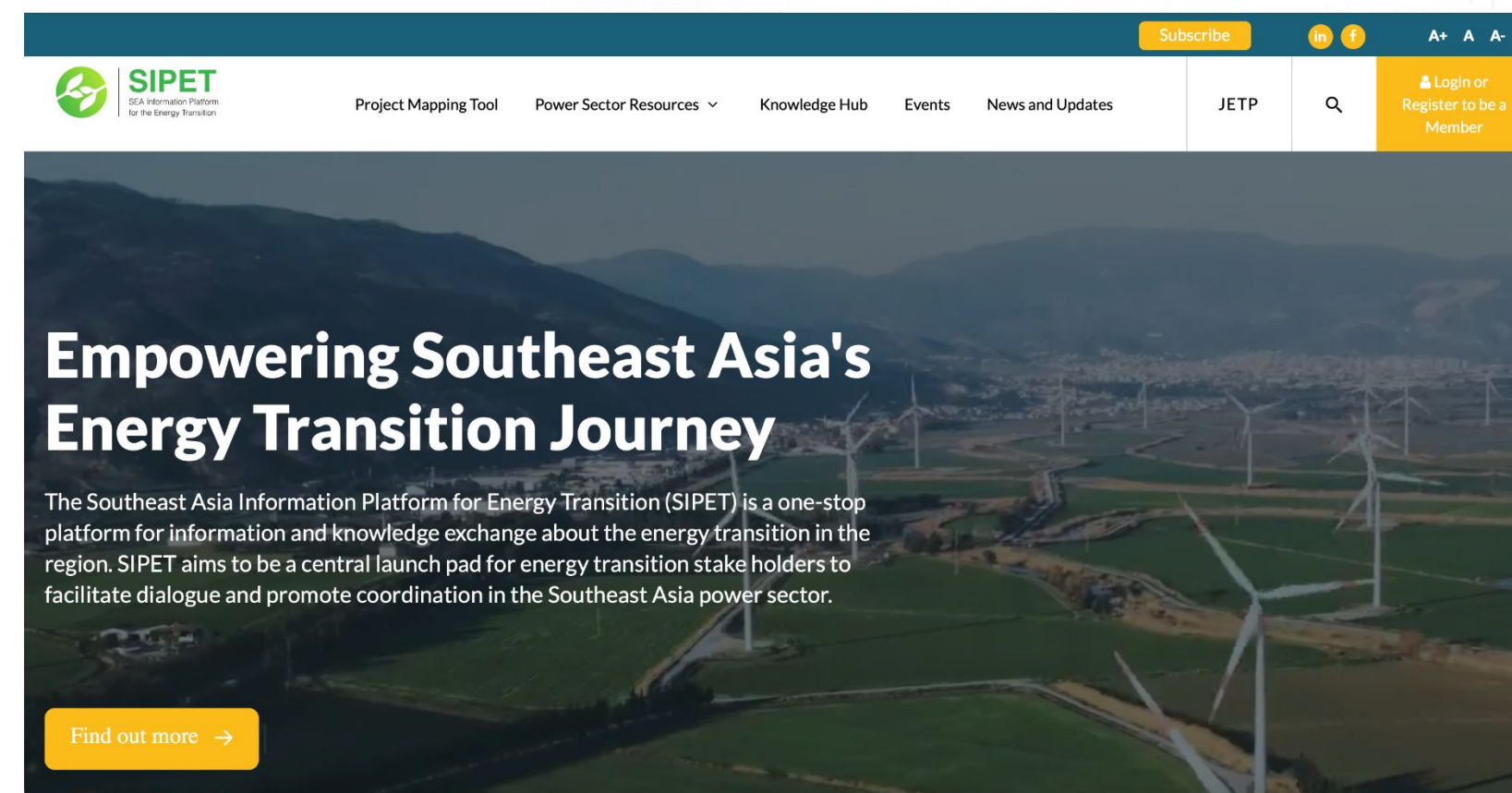
What? An interactive platform to facilitate dialogue and promote coordination in the Southeast Asia power sector.

Equip key actors with the knowledge and capacity to manage the power sector transition in a socially just way.



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Stimulate dialogues and empower
energy transition **community**

Knowledge Hub

Assisting Energy Transition stakeholders
stay up-to-dates

Research and Evidence Hub

News Feed

Event Promotion

Newsletter

**Project
Mapping Tool**

Power Sector Resources

Show the overview and analysis of Energy
Transition progress in the region

Power Transition Progress Tool

Power Sector Data Browser

Power Sector Snapshots

Global Energy Monitor –
SEA Power Plant Trackers

Power Policy Tracker

“Through an overview of energy transition initiatives,
you can find **your potential synergies**”

Project Mapping Tool

Power
Sector
Resources

Knowledge
Hub

PROJECT MAPPING TOOL

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Project Type

☐ Country Specific Projects

☐ Regional Projects

Support Type

☐ Capacity Building

☐ Financial Assistance

☐ Technical Assistance

Implementing Agency or Agencies

☐ ACE

☐ ADB - Asian Development Bank

☐ AFD - Agence française de développement

☐ Agora Energiewende

☐ ASEAN Centre for Energy

☐ B Grim

☐ Bappenas - Ministry of National

Government Partner

☐ ACE - ASEAN Centre for Energy

☐ Government of Indonesia

☐ Government of Vietnam


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Accelerating Air Conditioning Transformation Through Enhanced Energy Performance...
Building on existing minimum energy performance standard (MEPS) guidance of ASEAN countries, the ACT MEPS project aims to institutionalize regional MEPS into national contexts to ensure regular updates, enhance coordination with the industry, as well as drive the uptake of energy efficient and low global...
August 2023 - February 2026




Transformative Actions For Climate And Ecological Protection And Development...
The energy component of the project aims to enhance capacities of micro, small, and medium enterprises (MSMEs) in integrating energy management solutions for energy reduction as guided by the Climate Smart Industry Roadmap that will be developed with the Department of Trade and Industry. The project will also...
January 2024 - December 2029



Energy Partnership (EP)
Bilateral climate, energy and hydrogen partnerships, and energy dialogues are the central instruments of the foreign energy policy of BMWK. They form a global, steadily growing and valuable network between Germany and countries that are seeking to transform their energy systems, facilitate energy policy...
September 2024 - December 2024



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August 2023 - February 2026



Promoting The Transition Of The Energy Sector In Viet Nam (TEV).
The TEV project aims to foster the development of a long-term political energy transition strategy, including legal and regulatory fundamentals, and the transfer of technological knowledge for a low-carbon, environmentally friendly energy transition.
July 2022 - June 2025



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CASE
for Southeast Asia

Browse energy transition initiatives/projects in the region, by country/region or category

Find Information you need about projects uploaded on SIPET.

Users can download/upload their project database with excel at once.

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

Share   

Project Dates: March 2020 - February 2027



PROJECT OBJECTIVE

CASE aims to drive change in the power sector in SEA towards increased ambitions with regards to climate change. It is a regional program that focuses on four countries: Indonesia, Philippines, Thailand and Vietnam which represent around 80% of the total energy share in SEA. Therefore, the energy development of those countries will have a major impact on the ability of the region to meet its goals.

BUDGET

USD 30,000,000

DONORS (OR FUNDING /CONTRIBUTING ORGANIZATIONS)

1. BMWK-German Federal Ministry for Economic Affairs and Climate Action

PROJECT CONTACT PERSON

Name : Sascha Oppowa
Email : sascha.oppowa@giz.de

IMPLEMENTING AGENCY OR AGENCIES

1. GIZ- The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH

SUPPORT TYPE

- Technical Assistance

GOVERNMENT PARTNER

1. Indonesia - Bappenas - Ministry of National Development Planning of the Republic of Indonesia
2. Vietnam - NATEC - National Agency for Technology Entrepreneurship and Commercialization
3. Philippines - DOE - Department of Energy
4. Thailand - EPPO - Energy Policy and

PROJECT DESCRIPTION

CASE will propose evidence-based solutions to the challenges met by decision makers in the design and implementation of the energy system of the future and build societal support around those solutions. The project will also support dialogue and coordination in the SEA power sector, provides technical and policy support and facilitate dialogue around a new energy vision. Through these activities, CASE will directly contribute to the transition of the power sector towards an innovative, economically successful and environmentally friendly model for SEA. GIZ is implementing the project "Clean, Affordable and Sustainable Energy for Southeast Asia" (CASE) on behalf of the German Federal Ministry Economic Affairs and Climate Action (BMWK) from 2020 to 2027.

SECTORS OR AREAS OF WORK

1. Energy policy and planning
2. Energy transition

KEYWORDS

1. Energy Policy
2. Energy Research

Region/Location

THAILAND

VIETNAM

PHILIPPINES

INDONESIA



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CASE
for Southeast Asia

481 Projects
\$45 Billion

Total Funding

PROJECT MAPPING TOOL

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Project Type
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☐ Regional Projects

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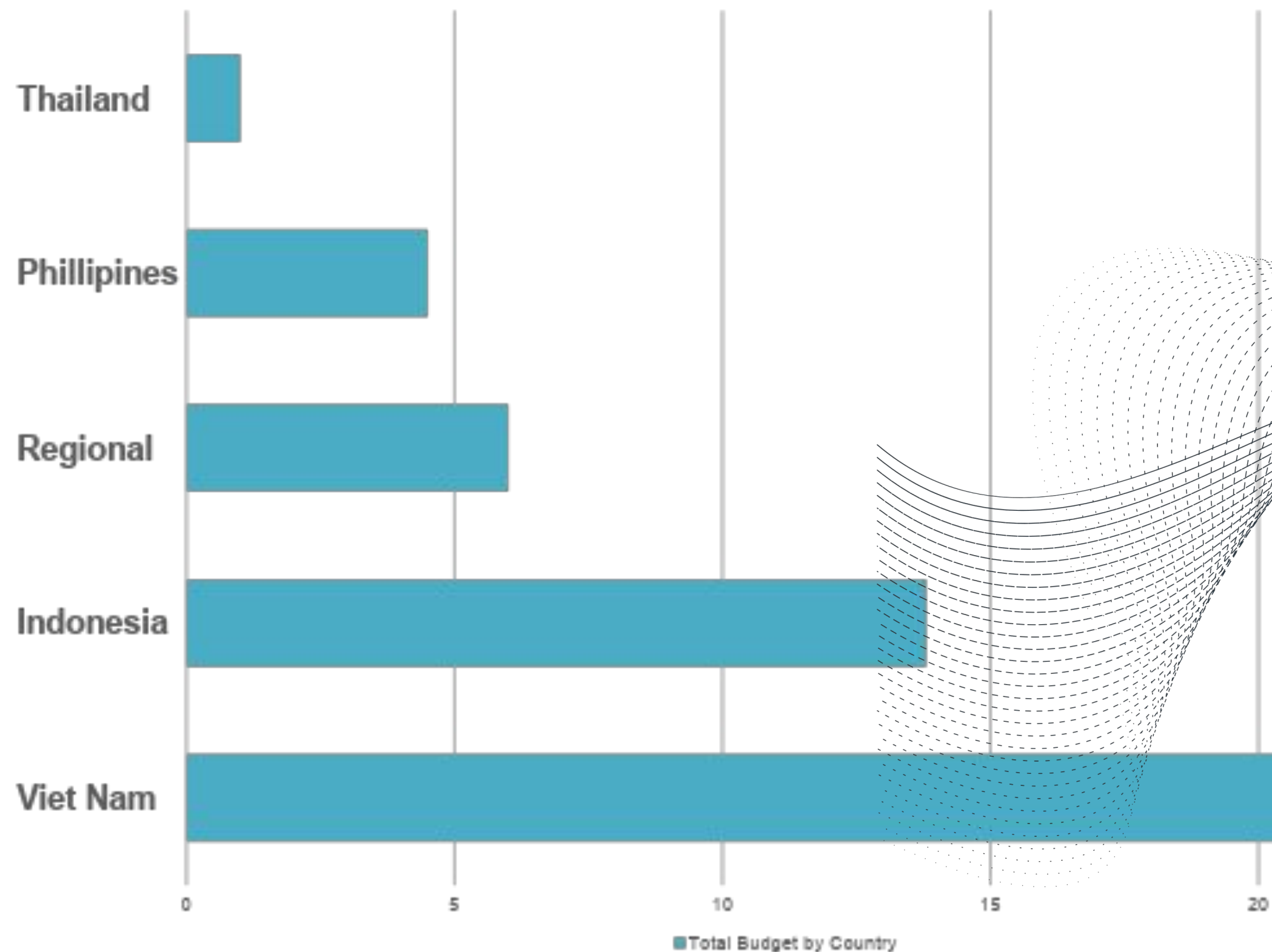


CASE
for Southeast Asia

481 Projects
\$45 Billion

Total Funding

Total Budget by Country




The **Power Sector Resources** are designed to assist specifically **technical and policy experts**.

WELCOME TO

POWER SECTOR RESOURCES

The power sector resources show progress of the energy transition in Indonesia, Philippines, Thailand and Vietnam along a number of indicators. It builds on the archetype, where from a status quo the climate performance, security of supply and affordability of the power sectors could be improved. Relevant challenges i.e., technical, economic, political, social and institutional are tackled towards a joint of clean, secure and affordable power system.



Power Transition Progress Tool

The Power Transition Progress Tool monitors the progress of the energy transition of Southeast Asian countries. Along 69 indicators organised under nine dimensions, or “challenges”, the tool analyses the status of different elements that are part of the transition,...


[Explore more →](#)



Power Sector Snapshots

The Power Sector Insight Pages provide a snapshot of the quantitative and qualitative data based on the Power Sector Data Browser for the four major Southeast Asian countries (Indonesia, Philippines, Thailand and Vietnam). It presents an interactive, easy...


[Explore more →](#)



Power Sector Data Browser

The Power Sector Data Browser is a user-friendly online resource that displays up-to-date quantitative power sector data of ten ASEAN countries, sourced from open data. Its aim is to provide a one-stop-shop for data of a variety of indicators related to the power sector, maki...

[Explore more →](#)



GEM Power Plant Trackers

The Global Energy Monitor (GEM) Power Plant Trackers are a comprehensive set of tools that use an interactive map based platform to allow users to zoom out for summaries and analysis at the regional or global scale, or zoom in for background and details on any element of...

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Project
Mapping
Tool

Power
Sector
Resources

Knowledge
Hub



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for Southeast Asia

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POWER POLICY TRACKER

SIPET's Power Policy Tracker offers an overview of energy transition policies of ASEAN members states. Designed for policymakers, researchers, and industry professionals, this tool allows users to compare the level of ambition in selected policy areas.

LAUNCH



POWER POLICY TRACKER

RE
Electricity
Targets



Grid
Development
Plans



Electric Vehicle
Targets



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Tool

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Resources

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“Central source of essential knowledge and
inform decision making.”

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Region/Location

☐ Thailand

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Southeast Asia's Race To Net-Zero: Charting A Course For Clean Energy

What will it take for Southeast Asia to transition from fossil fuels to renewable energy? How can Indonesia tap into its vast geothermal resources? Will the Philippines fully capitalize on its abundant solar and wind potential? How can Thailand's progressive energy policies serve as a...

08-2024 | SIPET - Southeast Asia Information Platform for the Energy Transition

Energy Transition

Renewables

What To Expect At ISEW 2024: Indonesia's Energy Future And The Path To Emas

As Indonesia works to realize its 2045 goals under the "Indonesia Emas" vision, the upcoming Indonesia Sustainable Energy Week 2024 (ISEW 2024) aims to bring together various stakeholder groups. The event will provide a platform to explore a wide range of energy transition topics....

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Energy Transition

Renewables

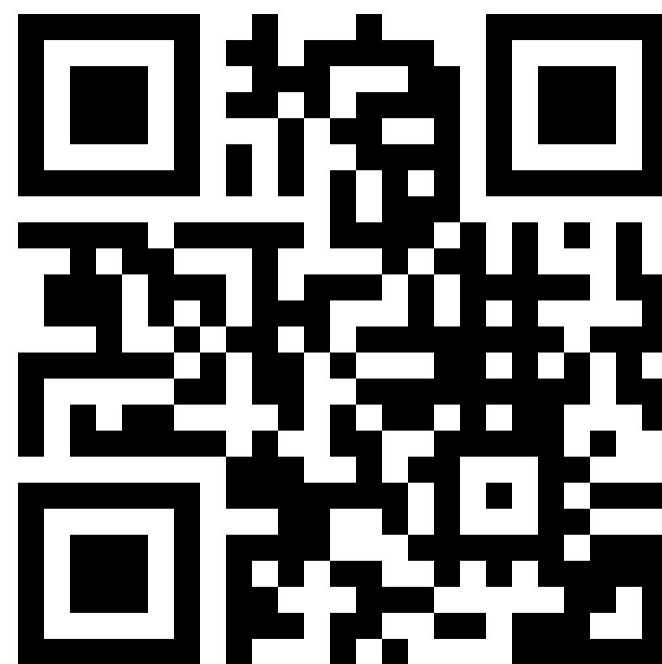
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EMPOWERING THE SEA ENERGY TRANSITION COMMUNITY

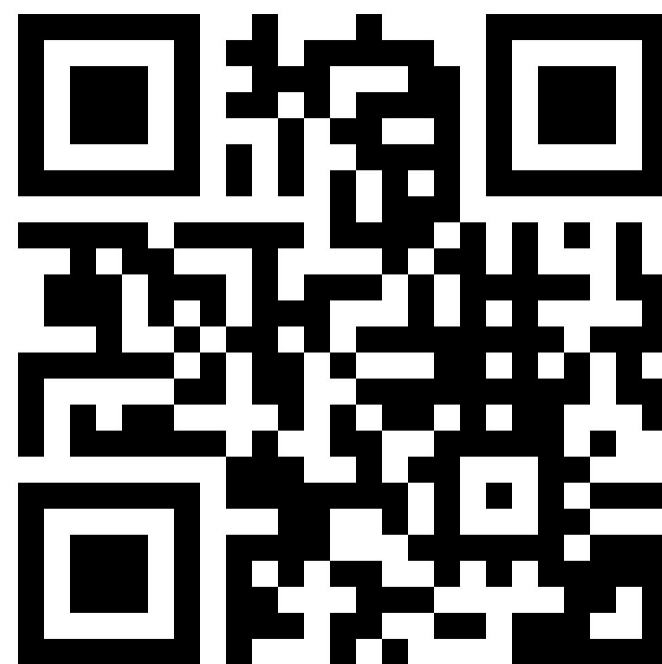




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EMPOWERING THE SEA ENERGY TRANSITION COMMUNITY





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