



# ASEAN Accelerator: Global Cleantech Innovation Programme (GCIP) for ASEAN

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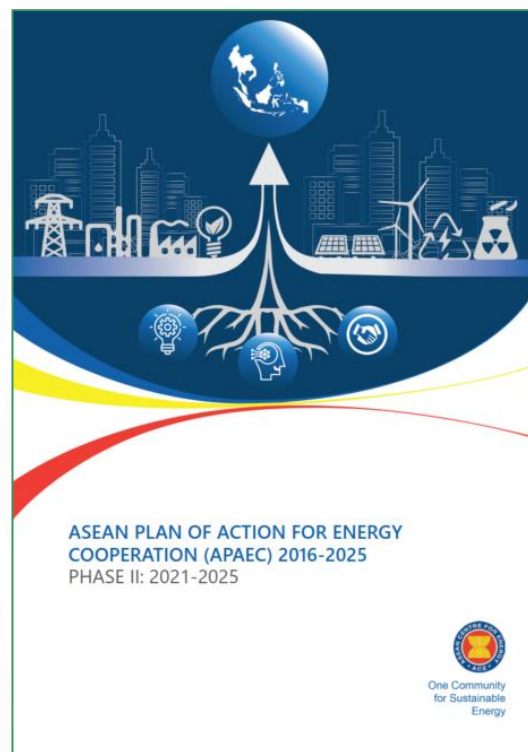
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# Project Background



The Enhancement of Clean Energy Technology Ecosystem and Connectivity in ASEAN project aims to **scale transformative energy-climate solutions by fostering investments and business growth within the Cleantech Innovation and Entrepreneurship Ecosystem (CIEE) across ASEAN Member States**, contributing to the regional efforts to achieve energy security, accessibility, affordability and sustainability for all. This project also contributes to the following regional and international cooperation:



## ➤ APAEC 2016 - 2025 Phase II: 2021 - 2025

### • EE&C Programme Area OBS 2:

Enhance Participation of Private Sector and Financial Institutions including ESCOs and Clusters for EE&C promotion.

### • Renewable Energy Programme Area OBS 6:

Enhance the ASEAN RE Information and Training Centre

### • Regional Energy Policy and Planning Programme Area OBS 5:

Attract Investment and Financing to Accelerate ASEAN's Energy Infrastructure Growth

## ➤ ASEAN Economic Community Blueprint 2025, especially the element of C.4. Energy

## ➤ ASEAN Strategy for Carbon Neutrality

## ➤ Sustainable Development Goals (SDGs) 7: Affordable and Clean Energy and SDG 13: Climate Action.

# Project Overview



## Target Countries

10 ASEAN Member States

## Main Beneficiaries

- Micro, Small & Medium Enterprises (MSMEs) and start-ups in ASEAN
- Stakeholders across Cleantech Innovation and Entrepreneurial Ecosystem (CIEE)
  - ASEAN Energy Focal Points
  - Academia and General Public

## Project Objectives (Outcome)

Enhanced & scaled transformative solutions for climate actions by facilitating **climate investments & business development** through linkages and connectivity of the stakeholders across CIEE within and beyond the AMS

## Enhancement of Clean Energy Technology Ecosystem and Its Connectivity in ASEAN

## Duration

2 years program (Q4 2024 – Q2 2026)

## Funding Source

Japan-ASEAN Integration Fund (JAIF)



Japan-ASEAN Cooperation



## Project Impact

Enhanced enabling environment & capacity for achieving low carbon, and climate resilient society, supporting AMS effort to secure the global climate goals as well as the broader SDGs

## Project Management

- Project Steering Committee: ASEAN EE&C-SSN
- Implementing Agency : ASEAN Center for Energy (ACE), in partnership with UNIDO

# Outputs and Deliverables



## ASEAN Accelerator Programme

Capacity and technical knowledge development for enhancement of MSMSs and start-ups cleantech businesses scale.

- a) A set of methodologies, tools, training systems, and guidebooks for ASEAN Accelerator.
- b) Online training and certification for 20 cleantech experts (trainers, mentors, judges) with 40% women.
- c) Online workshops during Pre-Acceleration.
- d) **One competition-based ASEAN Accelerator Programme** (targeting 20 enterprises with 40% women-led), including webinar training series, mentoring, and the final judging event.
- e) Report on the AMS accelerator programme.



## CIEE Policy Enhancement

Policy and institutional support strengthened and interconnected for enabling cleantech innovation and entrepreneurship in AMS.

- a) CIEE policy analysis paper.
- b) Gender-responsive AMS CIEE policy and regulatory recommendation report
- c) **Capacity-building workshop for national and regional institutions.**
- d) **Regional gender-responsive multi-stakeholder consultation forum.**
- e) Report on the capacity-building workshop and multi-stakeholder consultation forum.

\*CIEE (Cleantech Innovation and Entrepreneurship Ecosystem)



## Network Development

Development of linkages, networks, connectivity, and partnerships of CIEE among government, enterprises, institutions and accelerator alumni within and beyond AMS countries, including Japan.

- a) Business matchmaking event.
- b) **Regional investment facilitation event.**
- c) **Web-based platform** for the entrepreneurship ecosystem within ACE website.
- d) Outreaching event at international conferences.
- e) Report on business matchmaking, regional investment facilitation, and other networking events.

# Progress in Project Implementation



Formation of the  
Project Management  
Unit (PMU) in ACE



Development of a  
web-based platform



Partnership Agreement  
with UNIDO



Formation of Project  
Steering Committee



Study on Cleantech  
Startups/MSMEs and  
Existing Policies in ASEAN



# Project Progress



## Network Development

Develop a web-based platform for the ASEAN Accelerator at <https://aseanenergy.org/asean-accelerator/about/>



The screenshot shows the homepage of the ASEAN Accelerator Programme. At the top, there is a navigation bar with links: About, APAEC, Analysis, Data, In-Service, Media, Opportunities, a search icon, and a Login button. Below this is a secondary navigation bar with links: Home, Call for Applications, Publications, Webinar & Event, News, Accelerator Hub, and Partner. The main banner features a forest background with a lightbulb containing a tree. Text on the banner reads: "ASEAN Accelerator Programme", "Enhancement of Clean Energy Technology Ecosystem and Its Connectivity in ASEAN". It also mentions "Supported by" (JAIF, Japan) and "Implemented by" (UNIDO, ASEAN). Below the banner, the title "ASEAN Accelerator Programme" is followed by a paragraph describing the initiative's goals and alignment with the AMS and SDGs. A section titled "This project will deliver three primary outputs across distinct areas:" lists three outputs in green boxes: "ASEAN Accelerator Programme", "CIEE Policy Enhancement", and "Network Development".

### ASEAN Accelerator Programme

The Enhancement of Clean Energy Technology Ecosystem and Connectivity in ASEAN aims to scale transformative energy-climate solutions by fostering investments and business growth within the cleantech innovation and entrepreneurship ecosystem (CIEE) across ASEAN Member States (AMS). This initiative contributes to the AMS goals of achieving energy security, accessibility, affordability, and sustainability, while advancing global climate targets and the Sustainable Development Goals (SDGs) 7: Affordable and Clean Energy and SDG 13: Climate Action. The project also aligns with the ASEAN Plan of Action for Energy Cooperation (APAEC) Phase II: 2016-2025, particularly the Energy Efficiency and Conservation (EE&C) Programme Area Outcome-Based Strategy (OBS) 2: Enhance Participation of Private Sector and Financial Institutions including Energy Service Companies (ESCOs) and Clusters for EE&C promotion.

This project will deliver three primary outputs across distinct areas:

- ASEAN Accelerator Programme
- CIEE Policy Enhancement
- Network Development

# Project Progress



## Project Steering Committee

Conducted the kick-off meeting and established the Project Steering Committee (PSC) and Chairperson



*Online (January 2025)*

# Progress of Project Activities



## ASEAN Accelerator Programme

- **UNIDO Collaboration:** Facilitate knowledge transfer of methodologies, tools, and training from UNIDO's Innovation Acceleration Programme that can be adapted to this project.
- **Accelerator Incubation Study:** Analyse trends in accelerator incubation programmes and identify potential candidates for the Institutional Expert Service which operates the ASEAN Accelerator programme



## CIEE Policy Enhancement

- **Cleantech Startup Analysis:** Research emerging sectors for cleantech startups and MSMEs. Initial findings highlight cleantech entrepreneurs for energy efficiency optimisation in building, energy efficient materials, electric vehicles, solar panel, and energy management in the industrial sector.
- **Policy Review:** Study the existing policies in AMS that support CIEE implementation, such as financial supports, non-fiscal incentives, and capacity-building or incubator programmes for startups and MSMEs in energy sector.

\*CIEE (Cleantech Innovation and Entrepreneurship Ecosystem)



# Way Forwards (Jan – May 2025)



## **ASEAN Accelerator Programme**

- Develop methodologies, tools, training systems, & guidebooks for operationalising the ASEAN Accelerator Programme.
- Call for application for Institutional Service - Accelerator, that will organise the ASEAN Accelerator Programme
- Call for applications for cleantech experts to be trainers, mentors and judges for the startups/MSMEs
- Call for applications for cleantech startups or MSMEs in energy efficiency and renewable energy sectors.

Request for review from the Project Steering Committee (April 2025)

## **CIEE Policy Enhancement**

- Develop AMS Cleantech Innovation and Entrepreneurial Ecosystem (CIEE) analysis paper
- Conduct capacity-building workshop and regional gender-responsive multistakeholder consultation forum.

Request for data collection and review from the Project Steering Committee (February 2025)

Invite the Project Steering Committee (April 2025)

## **Network Development**

Showcase and promote the ASEAN Accelerator Programme to the startups incubation/accelerator institutions



**ASEAN Centre for Energy**  
One Community for Sustainable Energy

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