



Japan-ASEAN Cooperation



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

7th CEFIA Forum

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Presented by:

Dr Zulfikar Yurnaidi

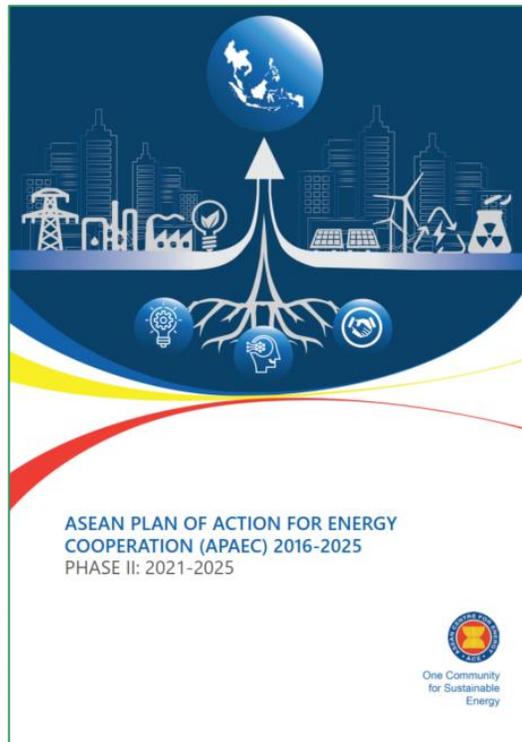
Head, Energy Modeling and Policy Planning (MPP) Department

Acting Head, Energy Efficiency and Conservation (CEE) Department

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/>

ASEAN Centre for Energy
One Community for Sustainable Energy

About APAEC Analysis Data In-Service Media Opportunities

Home Call for Applications Publications Webinar & Event News Accelerator Hub Partner

Supported by JAIF UNIDO Implemented by UNIDO ASEAN

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



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secretariat@aseanenergy.org



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Thank You