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

6th CEFIA Forum 23 July 2024

Presented by:

Dr Zulfikar Yurnaidi

Head, Energy Modeling and Policy Planning (MPP) Department

Acting Head, Energy Efficiency and Conservation (CEE) Department

Global Cleantech Innovation Programme (GCIP)



Programme Objectives

- Fostering private sector initiative, entrepreneurship and engagement to accelerate the uptake of and investment in innovative cleantech solutions at scale;
- Promoting cleantech innovation and entrepreneurship in emerging markets and developing economies to address climate and environmental challenges.

Two key components of GCIP

- Supporting early-stage **small and medium-sized enterprises (SMEs)** with innovative cleantech ideas through business accelerator services with a competition component.
- Strengthening cleantech innovation and entrepreneurship ecosystems and facilitating partnerships and networking between private and public actors to maximize impact and ensure long-term sustainability.



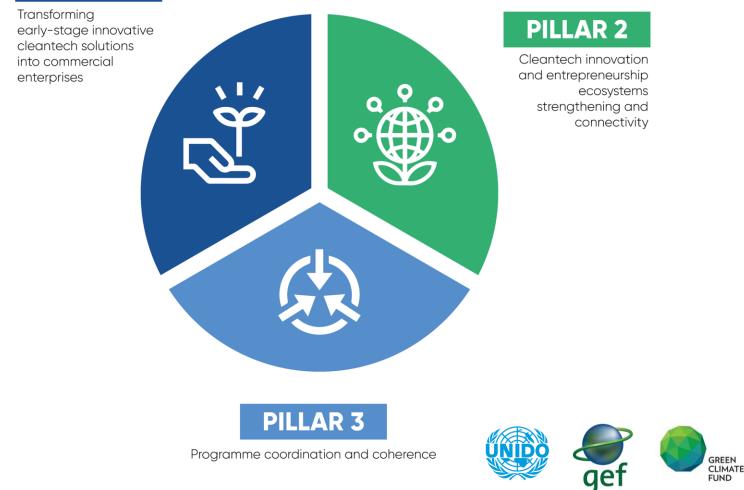
Global Cleantech Innovation Programme (GCIP) Design

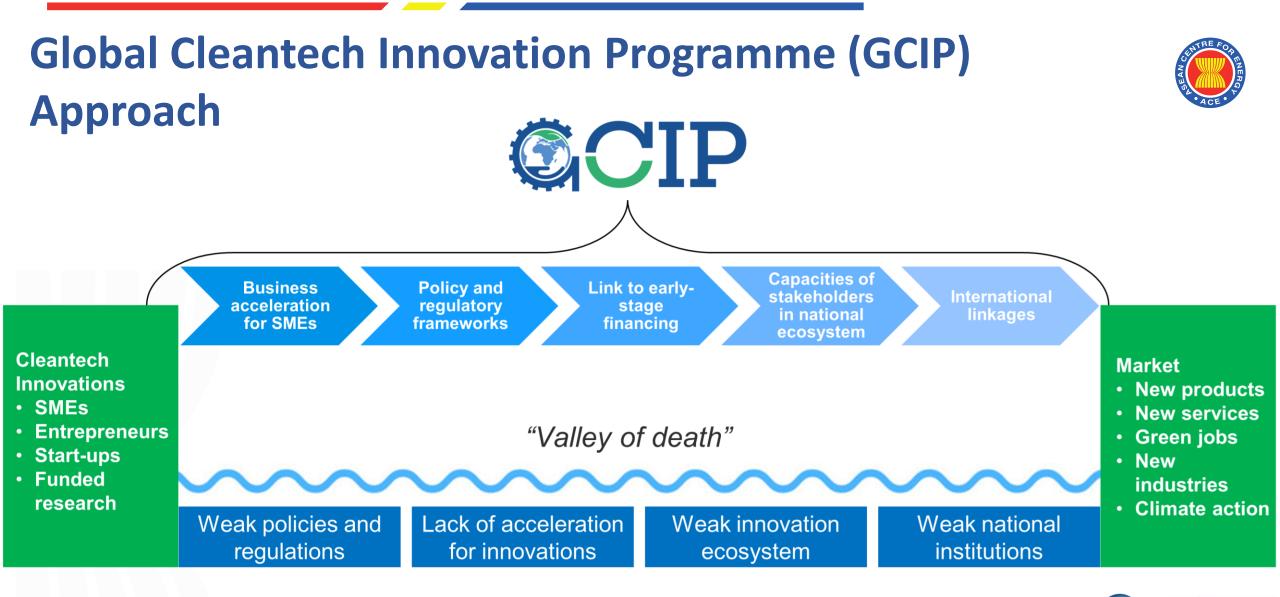


GCIP Design

- Critical mass of cleantech SMEs across the valley of death
- Vibrant and connected cleantech innovation and entrepreneurship ecosystems
- Enhanced services reflecting GEF IEO findings on GCIP 1

PILLAR 1







ASEAN Clean Energy Transition – Pathways



Mtoe 3,000 2,647 **4**x 2,500 2,034 1,766 2.000 .649 1,500 1,000 654 500 0 20 APS 20 ATS APS ATS ATS 8 Baseline Baseline Baseline year Base 2020 2025 2040 2050 Coal Natural Gas RE Traditional Biomass Electricity

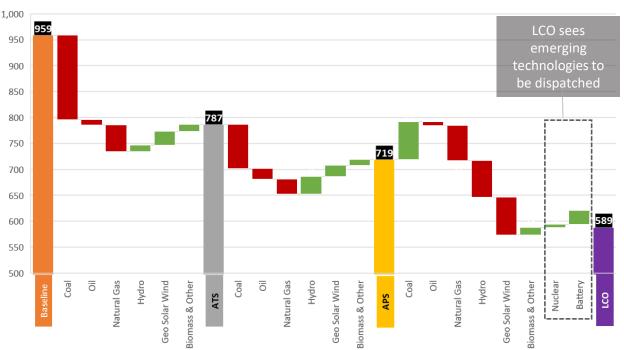
Energy Supply by Fuel Across AEO7 Scenarios

Baseline Scenario projected a 4x of energy supply required from 2020 to 2050. Energy efficiency measures reduce it to 3x, 2.7x, 2.5x in ATS, APS, and LCO Scenario.
To reach APAEC targets in 2025, energy efficiency

measures need to be coupled with increasing share of RE

Installed Capacity Fuel Shifting in 2050

Increase Decrease



While the total demand of installed capacity decrease due to energy efficiency, clean energy penetrates the power system.

ASEAN Accelerator – Project Overview Target Countries Duration 10 ASEAN Member States 2 years program (Q4 2024 – Q3 2026) Main Beneficiaries **Proposed Funding Source(s) Enhancement** Micro, Small & Medium Enterprises of Clean Japan-ASEAN Integration Fund (JAIF) (MSMEs) and start-ups in ASEAN Energy Stakeholders across Cleantech Innovation Technology and Entrepreneurial Ecosystem (CIEE) JAIF **Ecosystem and** ASEAN Energy Focal Points Academia and General Public **Its Connectivity** Japan-ASEAN Cooperation in ASEAN **Project Objectives Project Management Arrangements** Enhanced and scaled transformative solutions for • Project Steering Committee (PSC): Energy climate actions by facilitating climate investments Efficiency and Conservation Subsector Network and **business development** through linkages and (EE&C-SSN) connectivity of the stakeholders across CIEE within

 Implementing Agency (IA): ASEAN Center for Energy (ACE)

and beyond the AMS

ASEAN Accelerator – Outputs and Activities





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

- **1.1** Develop methodologies and guidebooks for AMS accelerator programme.
- **1.2** Provide on-line training and certification for AMS accelerator program.
- **1.3** Conduct one competition-based AMS accelerator programme.



OUTPUT 2

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

- 2.1 Conduct CIEE analysis and workshop in AMS
- 2.2 Develop gender-responsive AMS CIEE policy and regulatory recommendation report

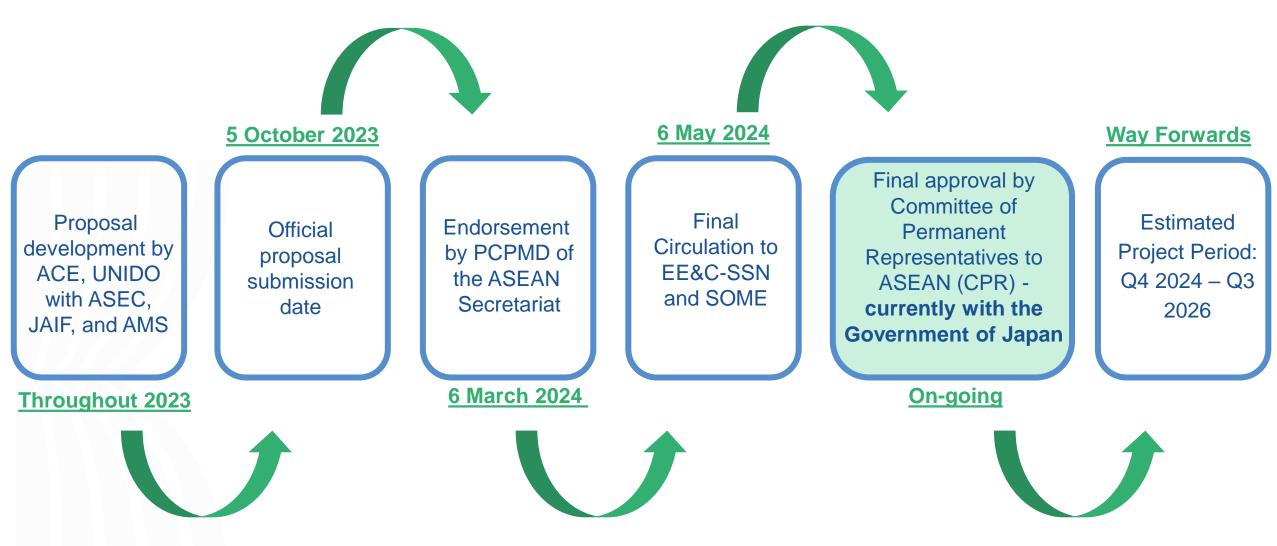


Development of linkages, networks, connectivity, and partnerships of CIEE among government, enterprises, institutions and accelerator alumni within and beyond AMS countries, including Japan.

- 3.1 Create networks among AMS
- **3.2** Facilitate knowledge and network exchange between Japan and AMS
- **3.3** Organise gender responsive regional forum

ASEAN Accelerator – Timeline and Updates







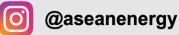
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ASEAN Centre for Energy

Thank You