



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

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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

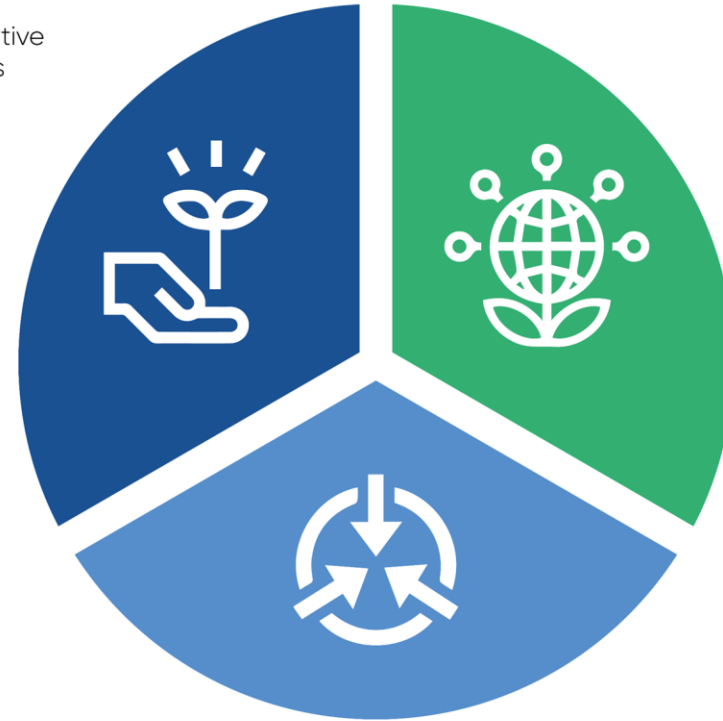


GCIP Design

- 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

Transforming early-stage innovative cleantech solutions into commercial enterprises



PILLAR 2

Cleantech innovation and entrepreneurship ecosystems strengthening and connectivity

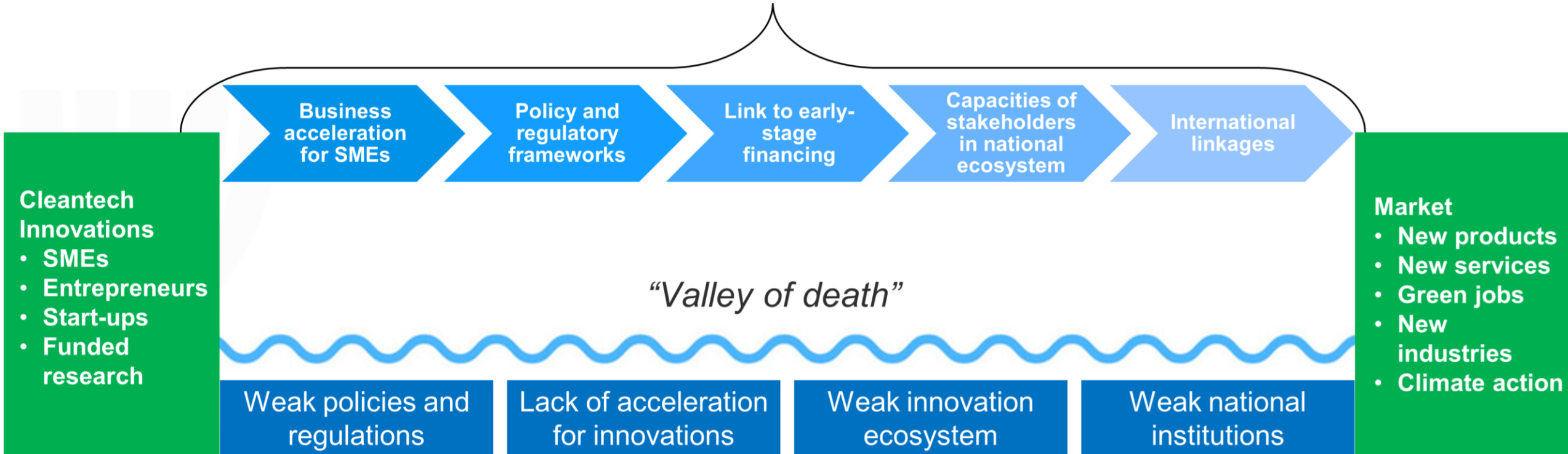
PILLAR 3

Programme coordination and coherence



Global Cleantech Innovation Programme (GCIP)

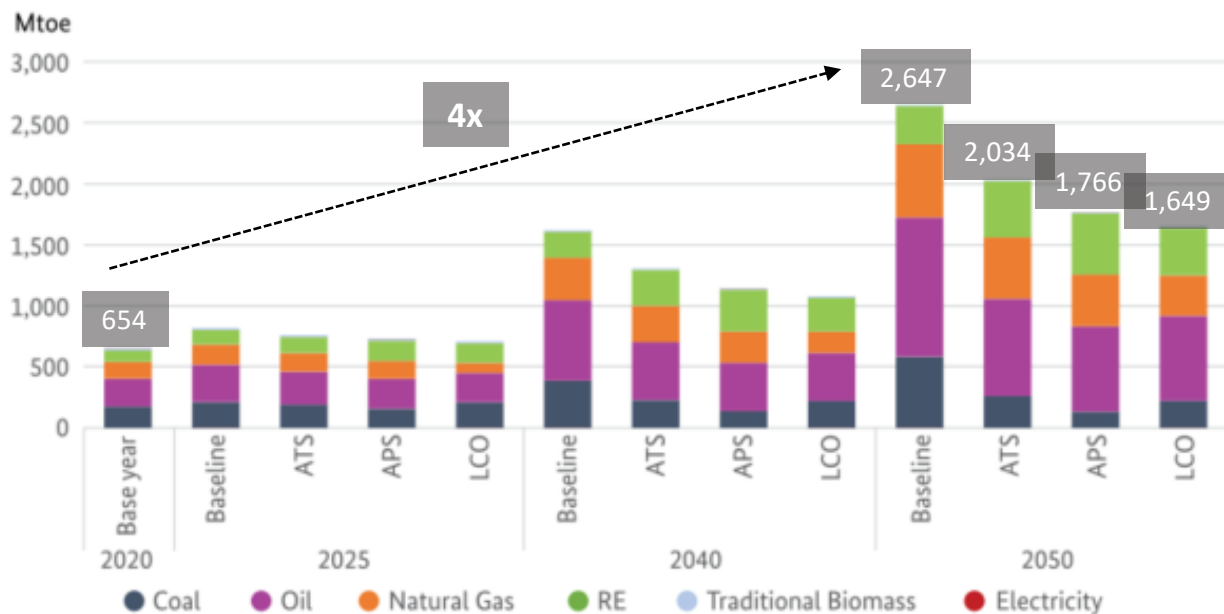
Approach



ASEAN Clean Energy Transition – Pathways

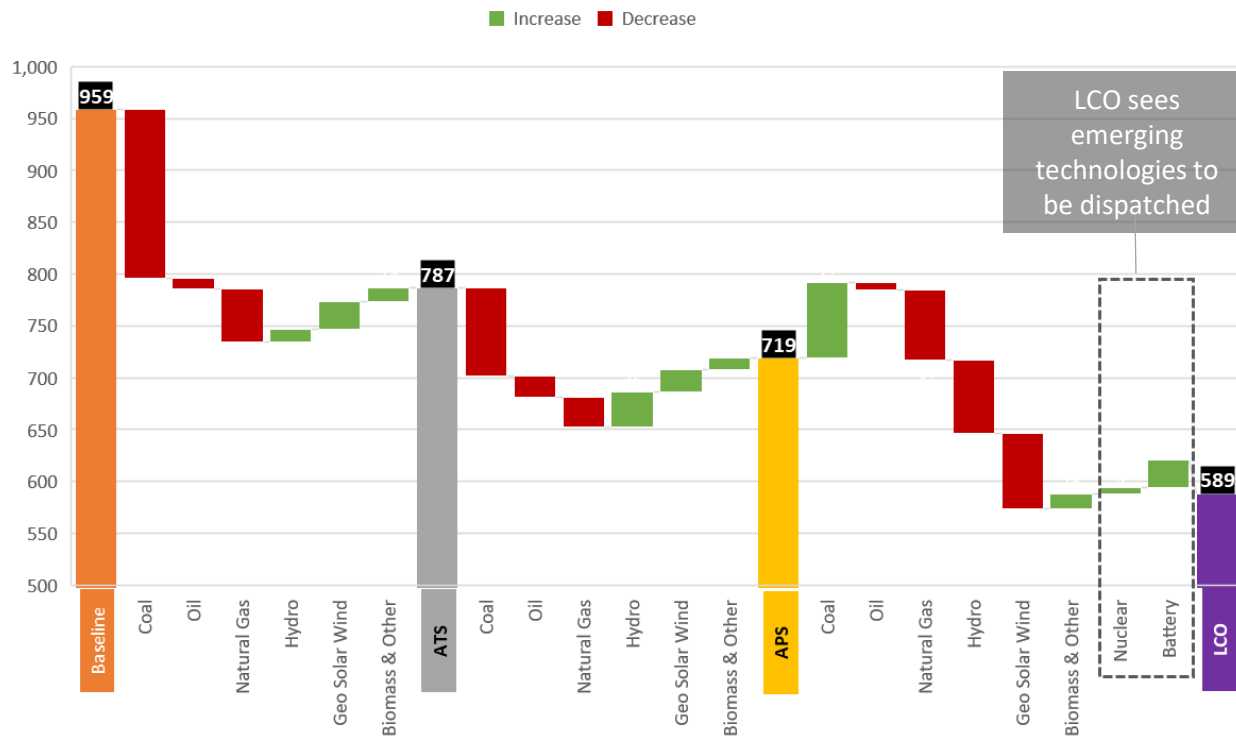


Energy Supply by Fuel Across AEO7 Scenarios



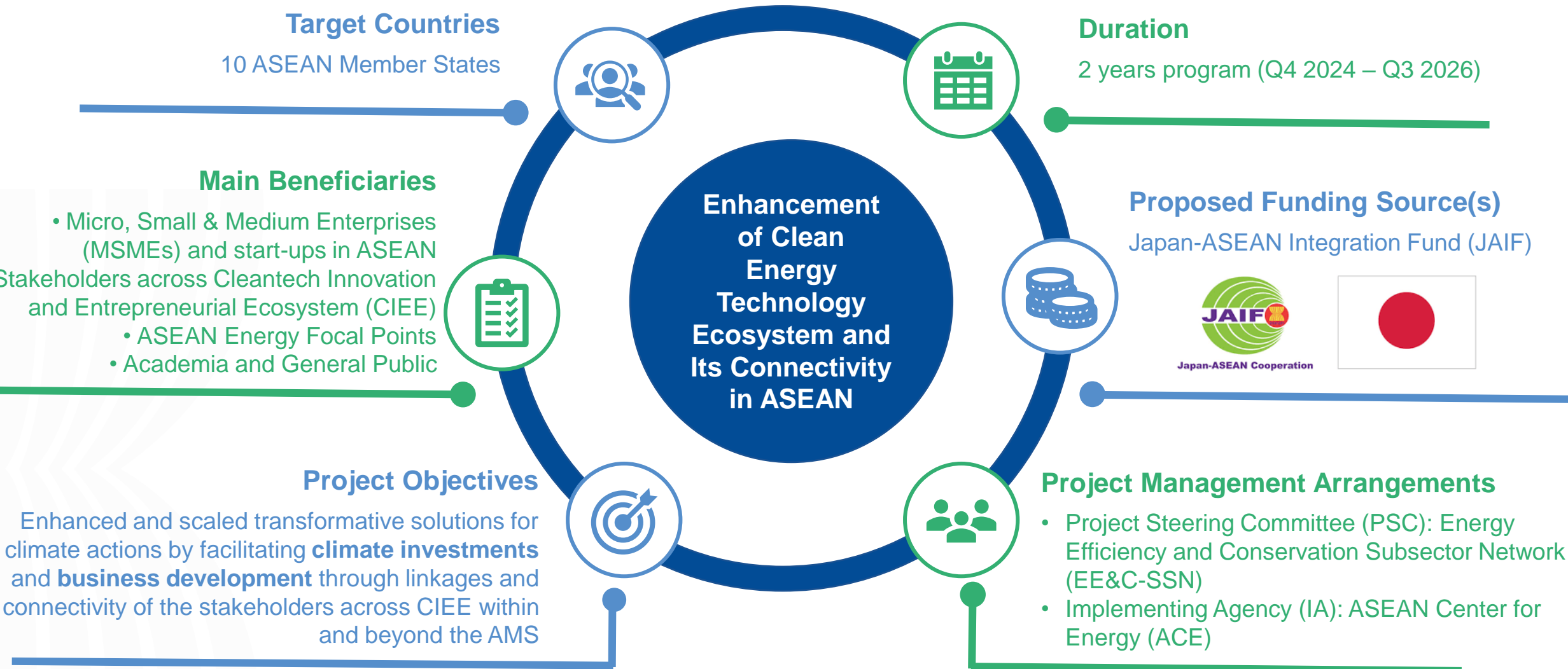
- ❑ Baseline Scenario projected a 4x of energy supply required from 2020 to 2050. Energy efficiency measures reduce it to 3x, 2.7x, 2.5x in ATS, APS, and LCO Scenario.
- ❑ To reach APAEC targets in 2025, energy efficiency measures need to be coupled with increasing share of RE

Installed Capacity Fuel Shifting in 2050



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

ASEAN Accelerator – Project Overview



ASEAN Accelerator – Outputs and Activities



OUTPUT 1

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

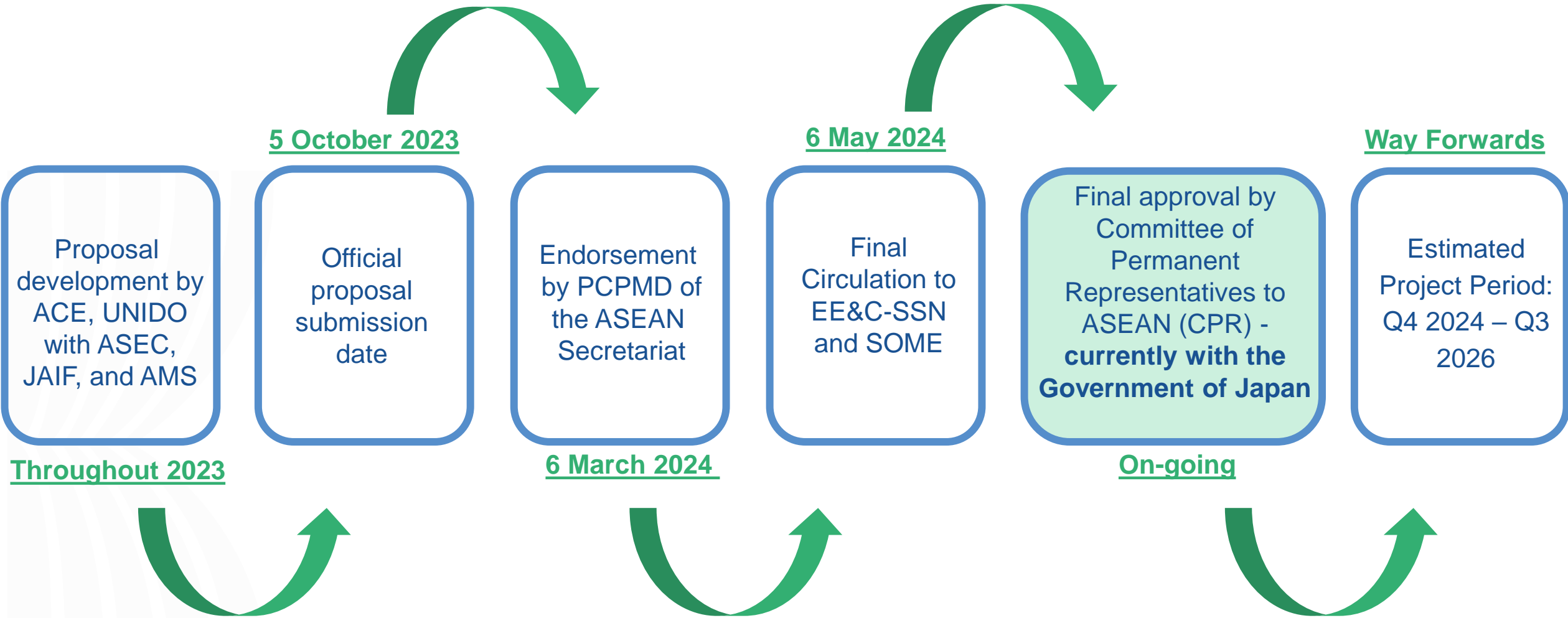


OUTPUT 3

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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Thank You