

New government-private initiative
under the ASEAN +3

**“CEFIA: Cleaner Energy Future
Initiative for ASEAN”**



CEFIA
Cleaner Energy
Future Initiative
for ASEAN
ASEAN+3

December 2019
Global Environment Partnership Office,
Ministry of Economy, Trade and Industry(METI)

(1) Promotion of Innovation

Promoting innovation for practical application and wide usage of cross-sectoral decarbonization technologies leading to drastic reduction of GHG, achieving cost that allows commercialization for social application.

Realizing
"a virtuous cycle of
environment and growth"

(2) Promotion of Green Finance


Appropriately "visualizing" corporate efforts in innovation etc. and mobilizing finance for innovation by financial institutions.

(3) Business-led Promotion of International Application and International Cooperation

Promotion of international application of decarbonization technologies together with policy/institutional development and international rule making.

Government-Private Workshops in Thailand, Vietnam and Indonesia


- Highlighted the following challenges in common:
 - (1) To realize energy transitions, low-carbonization, and economic growth, it is necessary to work on **development of adequate policy and institutional framework in parallel with introduction of low carbon technologies.**
 - (2) **ASEAN-wide action is necessary** to promote energy transitions and low-carbonization through sharing good practices of introduction of low carbon technologies and development of adequate institutional framework.

	2019 ASEAN Chair
Japan-Thai WS	
Date	Nov. 15, 2018
Audience	Approximately 150
Major participants	Ministry of Energy, IEA
Good examples	RE Roadmap, High-efficient mobile air conditioning, IoT Plant Optimization, etc.



	2020 ASEAN Chair
Japan-Vietnam WS	
Date	Feb. 27, 2019
Audience	Approximately 170
Major participants	Ministry of Industry and Trade, IEA
Good examples	Demand-response, Energy management system, ZEB, etc.



	G20 Member
Japan-Indonesia WS	
Date	March 13, 2019
Audience	Approximately 170
Major participants	Ministry of Energy, Mineral and Natural Resources, IEA
Good examples	High-efficient mobile air conditioning, Industry-use heat-pump, ZEB, etc.



ASEAN-wide Government-Private framework (new proposal)

CEFIA: Cleaner Energy Future Initiative for ASEAN



Speech delivered by State Minister Isozaki



Ceremonial photograph

Joint Ministerial Statement of the 16th AMEM+3

16 The **Ministers welcomed the new initiative proposed by Japan on Cleaner Energy Future Initiative for ASEAN (CEFIA)** and noted the 1st CEFIA to be hosted by the Philippines on 27-28 November 2019, back-to-back with the 14th ASEAN +3 NRE and EE&C Forum. The Ministers noted that CEFIA will serve as a platform to facilitate collaboration between public and private sectors for accelerating the deployment of cleaner energy and low carbon technology in ASEAN region.



The 1st Government-Private Forum on CEFIA



- On November 27, 2019, the First Government-Private Forum on Cleaner Energy Future Initiative for ASEAN (CEFIA) held in Manila, the Philippines.
- CEFIA facilitates **closer collaboration between the public and private sectors to help accelerate the development and utilization of cleaner energy and low carbon technology within ASEAN region.**
- Government-Private Forum on CEFIA provides a venue for multi-sectoral **discussions on investment opportunities, industry innovations, and cleaner energy project financing.**

Low Carbon Technology

Utilizing cleaner energy technology and low carbon technology



Institutions

Developing and improving policy and institutional framework required for introduction and deployment of cleaner energy technology and low carbon technology

Finance

Linking projects with the Sustainable Development Goals, and attracting ESG investments

(3) Bridge to connect technology and policy/institutional framework

(1) Introduction of advanced technology

Preparatory work - Pre-study (e.g., energy trends, markets, policy-related information and data), strategy and assumption setting

Step1

- Feasibility Study (FS)

Step2

- Demonstration project

Step3

- Financing (Public, Private)

Step4

- Commercialization and deployment of technology

Bilateral Government-Private Workshops

ASEAN Government-Private Forum

Establishment of testing laboratories, Capacity-building

Sharing Good Practices

(2) Policy and institutional framework

Step1

- Identification of counterparts (e.g., ministries, governmental agencies, etc.)

Step2

- Policy recommendations

Step3

- Development of policy and institutional framework

Step4

- Adoption and implementation of the framework

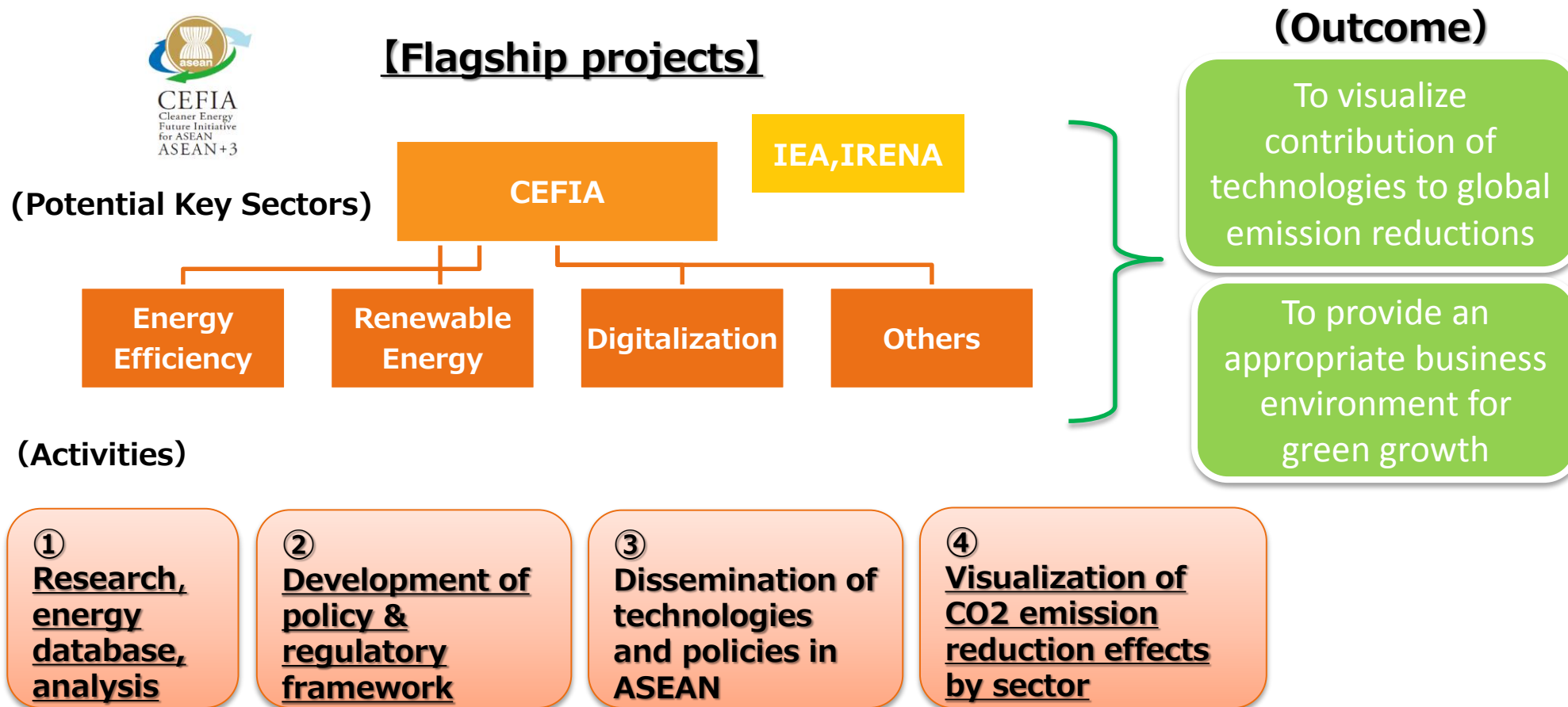
Private sector involvement

- Attract green finance through information disclosure
- Enhance ESG investments
- Scale-up business operations



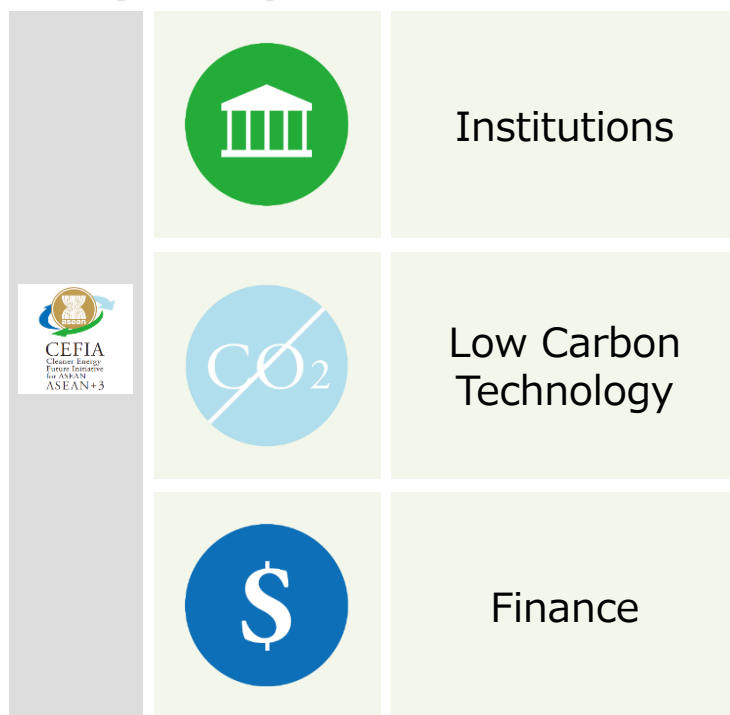
Scope of Work under CEFIA

- “Flagship projects” will be carried out under CEFIA. Specific themes of the flagship projects and technologies and policies relevant to the themes will be discussed and identified by policy makers, private sector and experts at “the CEFIA Public-Private Forum”.
- The first meeting of the Forum will be organized in autumn. At the meeting, good practices of public-private cooperation through technological innovations and policy/regulatory development will be shared.



- Improve business environment to promote business-led energy transitions, de-carbonization and the “virtuous cycle of the environment and growth”
- Expand good practices and harmonize the business environment in ASEAN region
- Link CEFIA projects and activities with SDGs
- Attract public and private financing, particularly ESG investment, through demonstrating transformative achievement and being evaluated properly

Key components of CEFIA



Enhance ESG investments



Scale-up
business operations

Case 1

Demonstration Test
(Inverter Air Conditioner)



Reducing Energy
use by 35%

Capacity building
(Testing laboratory)



Performance
Test

Policy (Labeling)



Market
Deployment

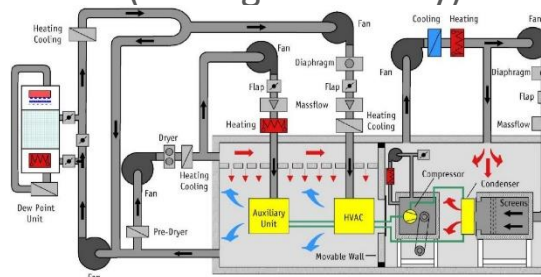
Case 2

Demonstration Test
(High Efficiency Mobile Air Conditioner)



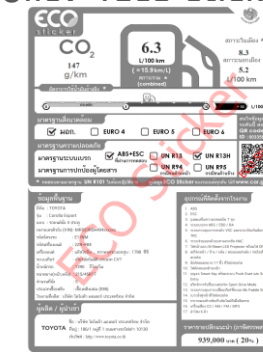
3M ton
CO2 reduction
by 2030

Capacity building
(Testing laboratory)



Performance
Test

Policy (eco-sticker)



Market
Deployment

CEFIA IS:

- A driver of business activities with innovative low carbon technologies.
- A bridge between governments and businesses for collaborative efforts.
- A platform where data, info, good practices are collected and shared.
- A catalyst to mobilize green finance and investments.

Whereas...

CEFIA IS NOT:

- A crediting mechanism in any form, including under Article 6 of the Paris Agreement.
- A subsidy scheme.
- A reproduction or duplication of existing initiatives.



Thank you.

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