



CEFIA
Cleaner Energy
Future Initiative
for ASEAN
ASEAN+3

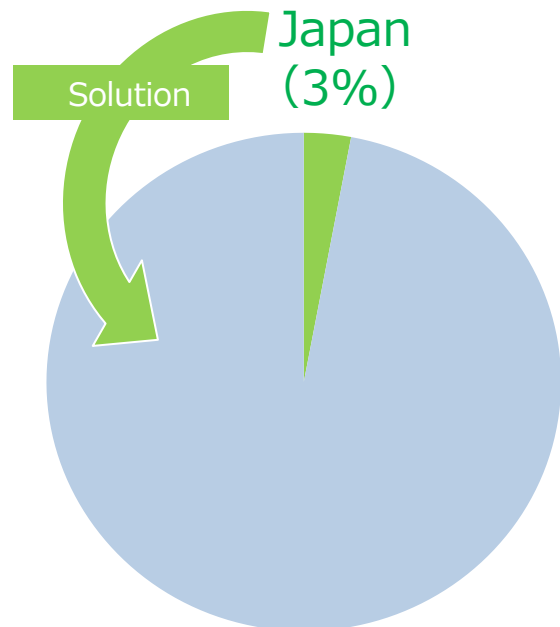
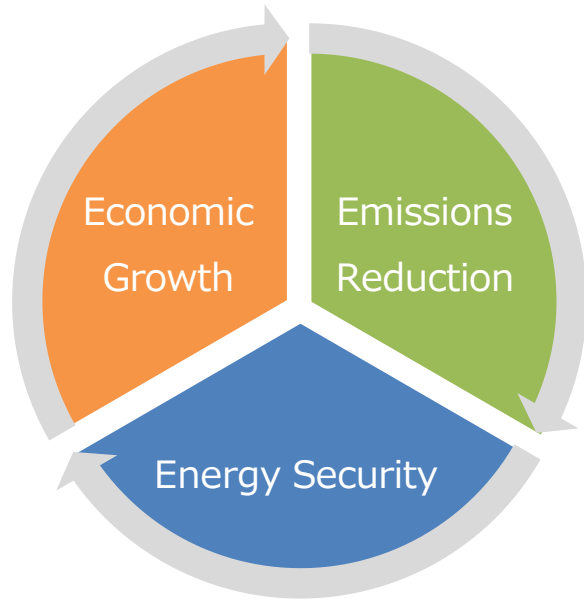
Policy updates from Japan

24 February 2026

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Global Environmental Affairs Office
Ministry of Economy, Trade and Industry, Japan

Three Principles of Japan's GX



① Triple breakthrough

- Japan aims to **simultaneously achieve emissions reduction, economic growth, and energy security.**

② Various Pathways

- Toward our common goal of achieving net zero, we will make practical energy transitions through various pathways depending on the circumstances of each country.

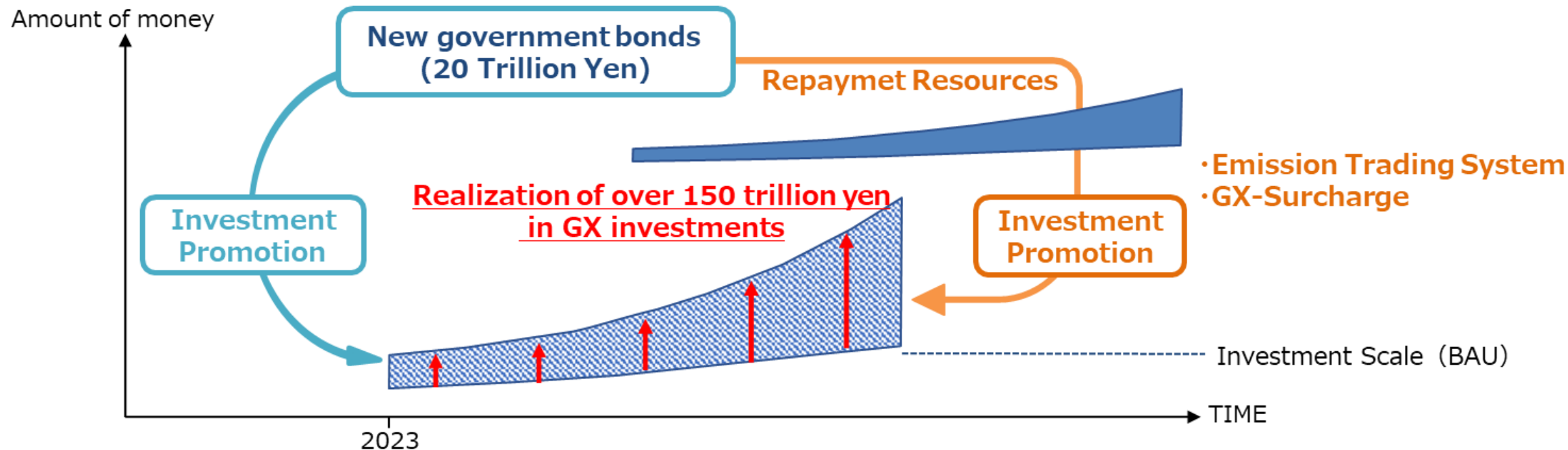


③ Solution to the world

- Japan will decarbonize itself, but also contribute to global decarbonization by providing solutions outside Japan.

Pro-Growth Carbon Pricing Concept

- By implementing advance investment promotion measures amounting to 20 trillion yen (≐\$130 billion) over 10 years, we aim to stimulate 150 trillion yen (≐ \$ 1 trillion) in public and private investment to support GX investments.
- In the future, we will secure funding by introducing carbon pricing and establish a system to redeem GX Economy Transition Bonds by 2050.



GX Investment Promotions

■ Investment promotion measures are being implemented as below by utilizing funds from **GX Economy Transition Bonds** and in accordance with the **“Sector Specific Investment Strategy”**.

Hard-to-Abate	¥1.3T	<ul style="list-style-type: none">● Innovative Electric Furnace (reduces emissions by 50+%), Chemical Recycling, Biomass Refinery, CCUS, etc.
Lifestyle-Related GX	¥2T	<ul style="list-style-type: none">● Reform to insulated windows, energy-efficient heat pumps, clean vehicles and batteries, etc.
Hydrogen and Energy	¥4T	<ul style="list-style-type: none">● Support towards hydrogen with focus on cost difference, supply chain building of floating wind turbines (in addition to FIT)
SMEs, Startups	¥1T	<ul style="list-style-type: none">● Energy saving of SMEs● Support for GX startups
Other Areas	¥1.1T	<ul style="list-style-type: none">● Power semiconductors (¥430B), Batteries (¥500B), Circular economy (¥30B), Debt guarantee by GX Promotion Organization (¥120B)
Innovative Technology	¥2.8T	<ul style="list-style-type: none">● Green Innovation Fund: Perovskite Solar Cells, Hydrogen-Reduced Steel in Blast Furnace, Ammonia Single-Fuel Gas Turbine, etc.

Overview of POWERR Asia (Partnership on Wide Energy and Resources Resilience Asia)

Financial support etc., totaling approx. ¥1.5 trillion (US\$10 billion) .

→ Potentially resulting in imports of up to 1.2 billion barrels (yearly) of crude oil

(Equivalent to about one year's worth of ASEAN crude oil imports)

- In response to fuel supply shortages and supply-chain disruptions in Asia, Japan will provide financial cooperation to Asian countries, including:
 - ① Cooperation on emergency responses such as loans to procure crude oil and petroleum products and to maintain supply chains
 - ② Cooperation on increasing crude oil stockpiling capacity in Asia, including establishing stockpiling and release schemes, and supporting the construction and use of storage tanks.

[Emergency Response] Supply procurement and Supply-chain maintenance

● **Financial support for local companies**

[JBIC loans, JICA Private Sector Investment and Finance, NEXI insurance *also leverage Global South demonstration subsidies]

- Credit provision and credit enhancement to procure alternative crude oil and petroleum products such as U.S. crude oil
- Financing for companies in Asia that are part of Japan's supply-chain.

● **Fiscal support for Asian governments**

[JICA Emergency Support Loans]

- Loans for response measures by the governments of partner countries that are part of Japan's supply-chain.

● **Strengthening collaboration with international organizations**

- Coordination with ADB financial support (support for supply-chain companies, etc.)
- IEA market analysis and recommendations (visualizing oil flows after coordinated releases)

[Structural Response] Asia Economic and Energy Resilience Initiative

● **Strengthening energy supply systems**

[JOGMEC, JBIC loans, ODA, NEXI insurance, in coordination with IEA and ERIA]

- Support for building crude oil stockpiling and release systems
- Support for the construction and use of infrastructure such as storage tanks
- Support for restoring production capacity (oil facilities, etc.) in Middle Eastern oil-producing countries
- Securing the safety of sea lanes.

● **Diversifying energy sources**

[JBIC loans, ODA, NEXI insurance, Global South demonstration subsidies, in coordination with ADB]

- LNG
- Biofuels
- Next-generation solar power
- Nuclear power (SMRs: Small Modular Reactors)
- Critical mineral

● **Upgrading Industry**

[JBIC loans, ODA, NEXI insurance, Global South demonstration subsidies, in coordination with ADB]

- Energy-efficiency investment and cooperation
- Improving manufacturing efficiency through the introduction of new technologies

Cooperation for Decarbonization in ASEAN

Cleaner Energy Future Initiative for ASEAN (CEFIA)

- A public-private initiative for the introduction of clean energy such as energy conservation and renewable energy in ASEAN.
- Implementation of energy efficiency and renewable energy (flagship projects) in collaboration with the public and private sectors.
- CEFIA's activities are reported and discussed at the annual CEFIA Public-Private Forum.
- Eight public-private forums have been held to date.



5th CEFIA Forum
August 25, 2023
Bali, Indonesia



6th CEFIA Forum
July 23, 2024
Bangkok, Thailand

Asia Zero Emission Community (AZEC)

- 11 partner countries: ASEAN, Australia and Japan
- Goal: To share a common objective of carbon neutrality and collaborate on a realistic transition through various pathways
- 540+ tangible projects



The Joint Crediting Mechanism (JCM)

- Partner countries are mainly in the ASEAN.
- The achieved GHG emission reductions or removals through Japanese technology and finance will be shared as JCM credits between the partner countries
- 32 partner countries and 300+ JCM projects



Results of the 7th and 8th CEFIA Forums

- The 7th CEFIA Public-Private Forum was held for the first time in Japan (Kobe) on February 13, 2025. State Minister of Economy, Trade and Industry delivered opening remarks via video message. The forum featured an introduction to Japan's hydrogen and ammonia policies, the launch of this sector as a new flagship initiative, and the presentation and exhibition of perovskite solar cells as a leading Japanese technology. Following the forum, opportunities were provided for ASEAN government officials to tour hydrogen and ammonia facilities and network with Japanese companies.
- The 8th CEFIA Public-Private Forum was held in Malaysia on October 17, 2025, in conjunction with ASEAN Sparks and the AZEC Business Forum. Japan's advanced technologies and initiatives, including CCUS and biofuel, were introduced.

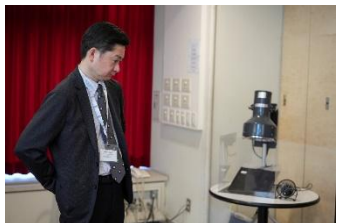
The 7th CEFIA Public-Private Forum February 13, 2025



State Minister Ogushi
Video Message



Launching the Hydrogen and Ammonia Flagship
(METI Hydrogen and Ammonia Division / CFAA / JH2A)



Perovskite Solar Cells
Exhibited at the
venue



- <Excursion for ASEAN Officials>
- Kawasaki Heavy Industries, Kobe Plant
 - IHI Aioi Plant
 - Mitsubishi Heavy Industries Takasago Hydrogen Park



8th CEFIA Public-Private Forum October 17, 2025



Group Photo



<Introduction of New Technologies
and Initiatives>

- Presentation on CCUS initiatives by the Carbon Recycling Fund
- Introduction to Japan's Biofuel Policy