



Leveraging International Environmental Initiative into Private Sector : GCF and NHIS





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Main points

1

The plan for an international cooperation program under the financial support of the Green Climate Fund (GCF) and the supervision of KDB aims to enhance access to climate resilience through the global transfer of climate technology to five ASEAN countries

2

The first case of a domestic private financial institution receiving GCF project approval and the first GCF equity project approval in Republic of Korea

3

Collaborating on projects with international organizations allows both the private and public sectors to co-value up in various aspects

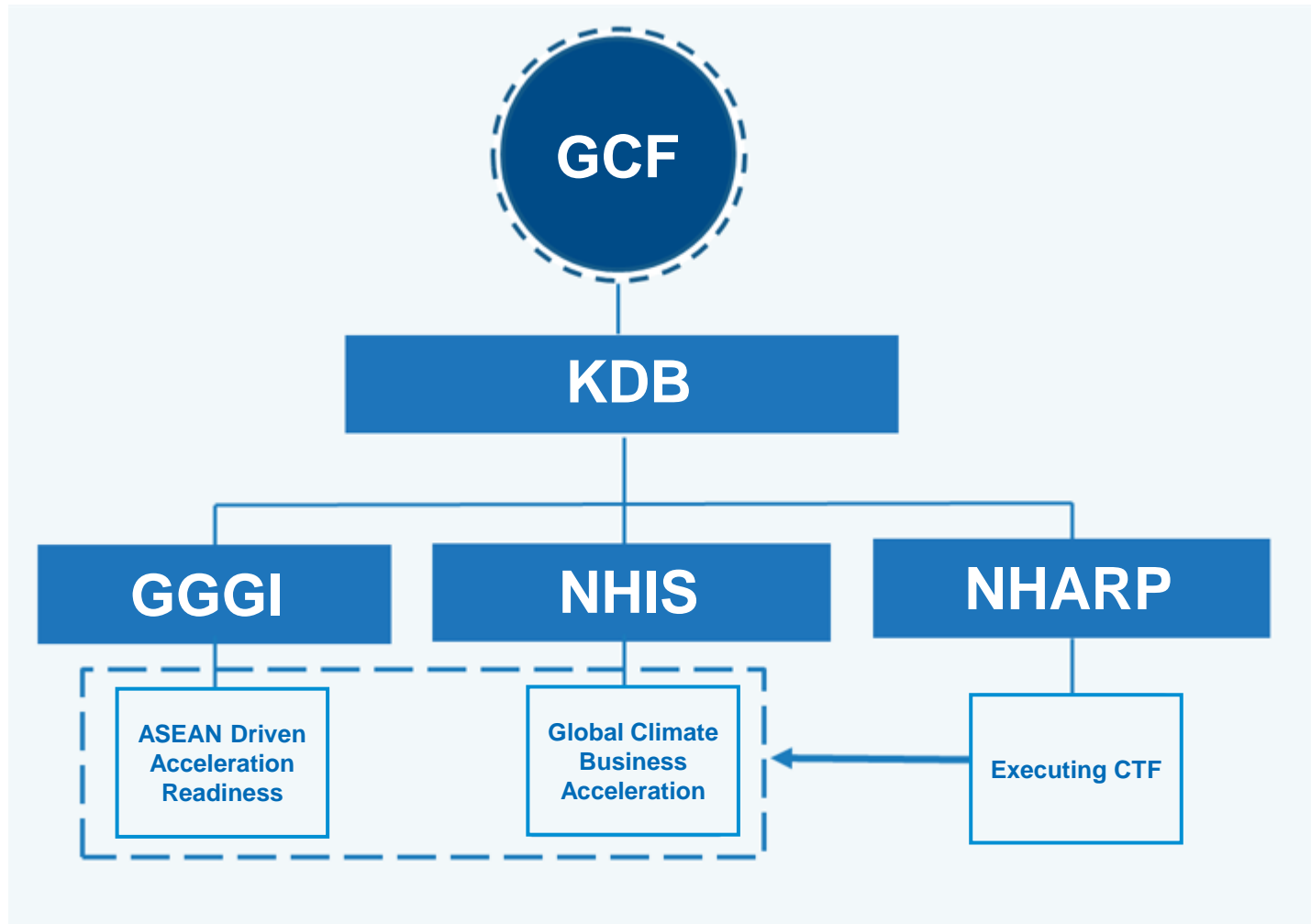


Collaborative R&DB Programme for Promoting the Innovation of Climate Technopreneurship

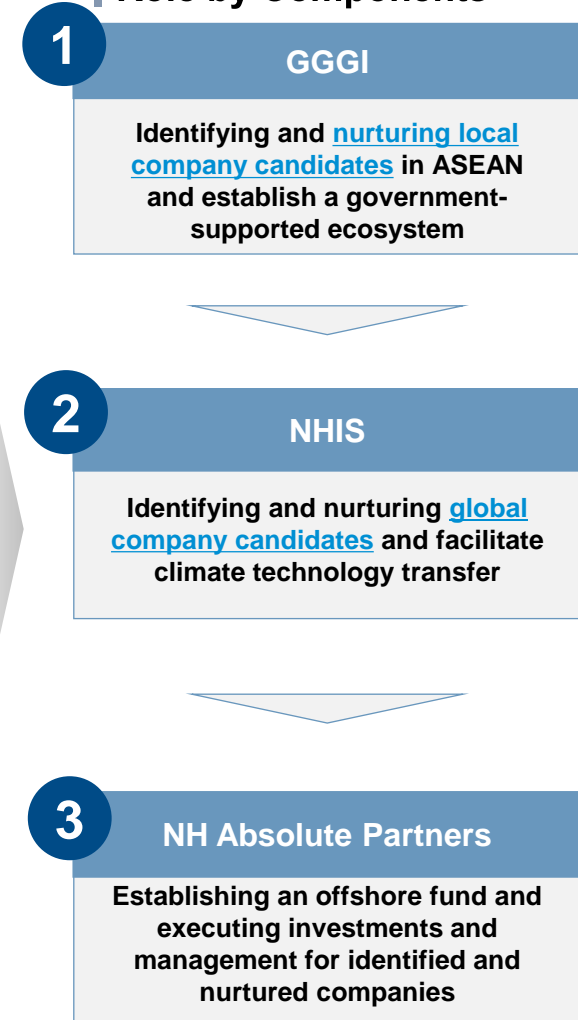
✓ 「Support Program for Overseas Expansion of Climate Technology Companies」,

aimed at enhancing access to climate resilience through the global transfer of climate technology to five ASEAN countries (Vietnam, Indonesia, Philippines, Camodia, Laos).

GCF Project Program Structure



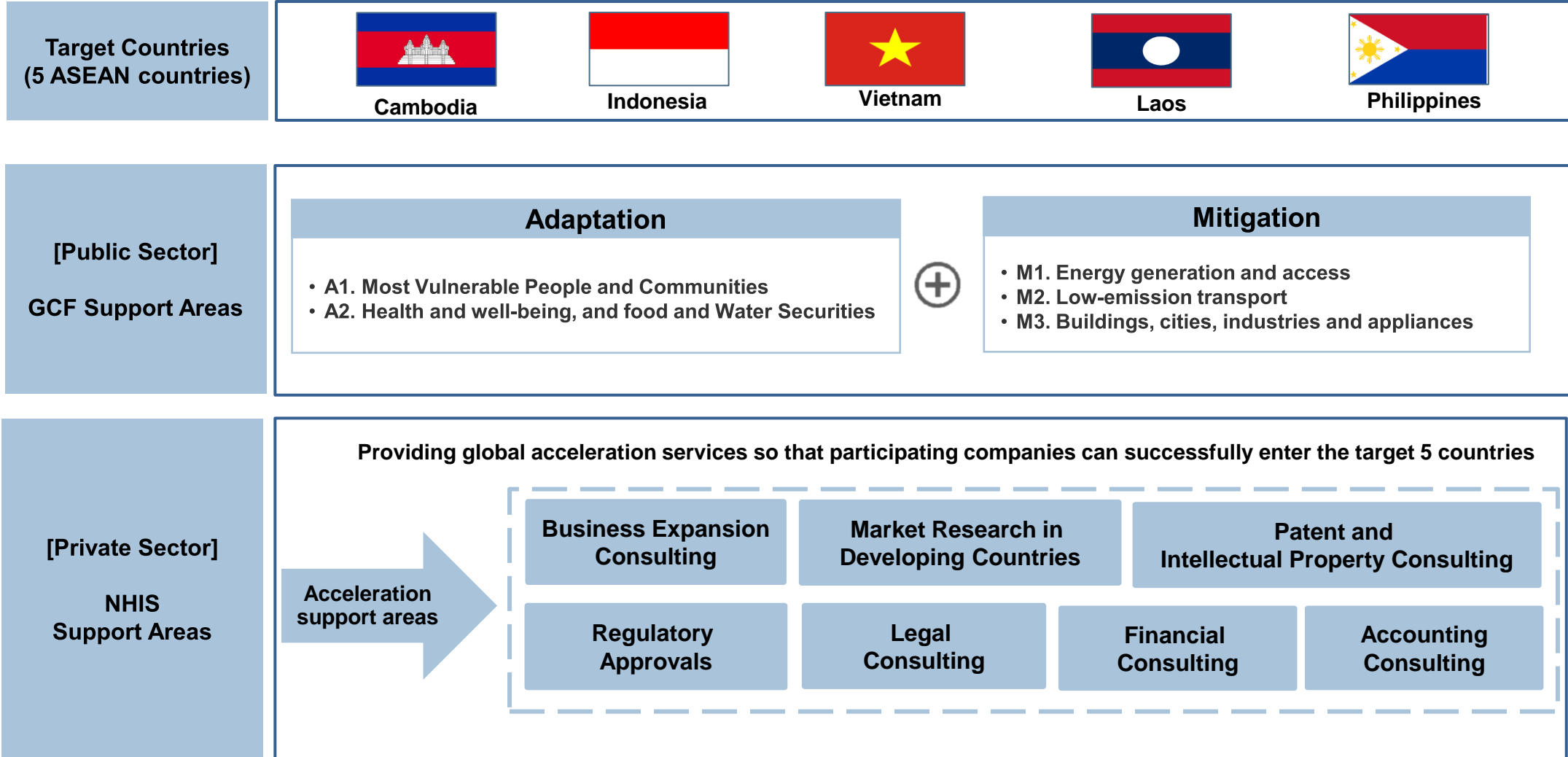
Role by Components



*GGGI(Global Green Growth Institute) A treaty-based international environmental organization dedicated to supporting and promoting sustainable economic growth in developing and emerging economies.



Collaborative R&DB Programme for Promoting the Innovation of Climate Technopreneurship





Climate Technopreneurship Fund (CTF)

Name	<ul style="list-style-type: none"> • Climate Technopreneurship Fund (CTF)
Target Size	<ul style="list-style-type: none"> • Total up to \$[200] million – GCF \$[83.75] million • Multi-Closing, 1-year period for each closing stage
Fund Structure	<ul style="list-style-type: none"> • Singapore limited partnership
Commitment Period	<ul style="list-style-type: none"> • 11 years, beginning on the Initial Closing Date (Extension: Up to 3 additional 1-year period)
Investment Period	<ul style="list-style-type: none"> • 5 years, beginning on the Initial Closing Date (Extension: Up to 2 additional 1-year period)
Target Fields for Climate Technology	<ol style="list-style-type: none"> 1) Renewable energy generation 2) Transmission, distribution, and electricity storage 3) Low-emission transport 4) Residential and industrial energy efficiency technologies 5) Agricultural technologies and practices 6) Water Management and treatment 7) Waste Management and treatment



CTF: Target Fields for Innovative Climate Technology

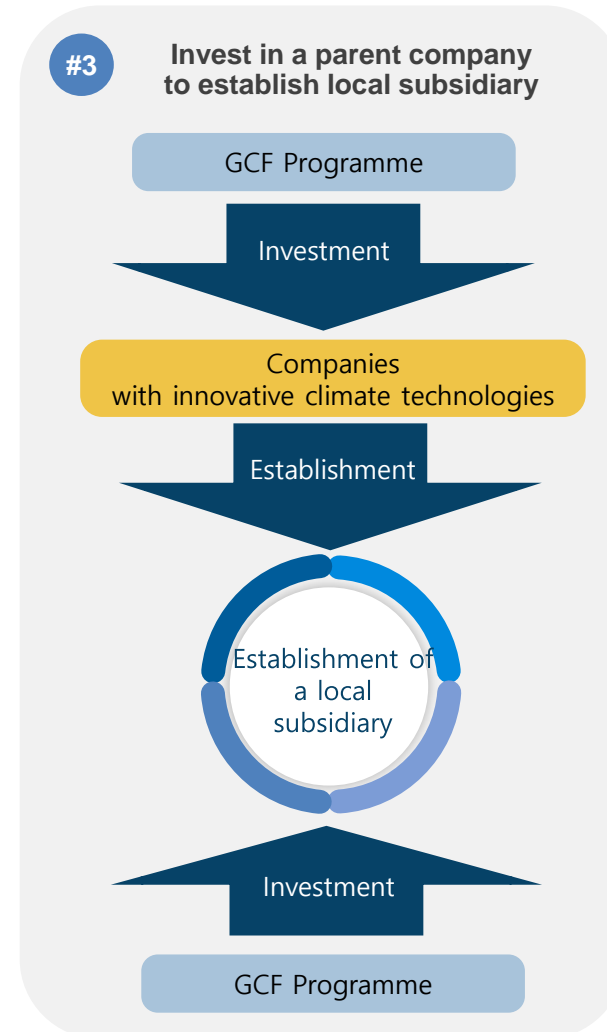
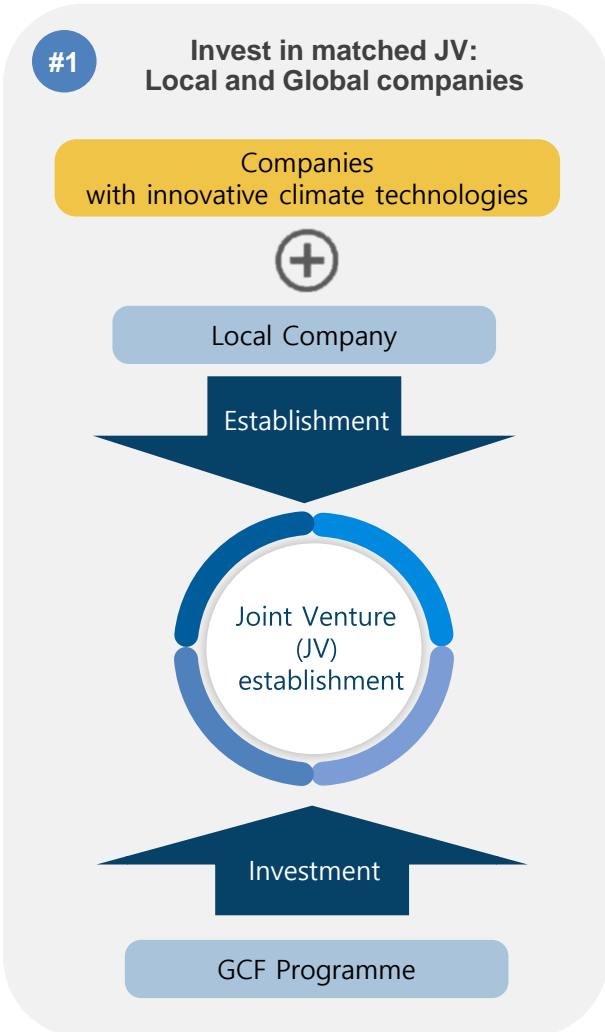
※ If applicable, investments can be made under the "Others" category ※

Technology Group	Sub Technologies
Renewable energy generation	<ul style="list-style-type: none"> Ocean energy Bioenergy (renewable biomass) Solar energy Wind energy Small-scale hydropower Other(Hydrogen, Ammonia)
Transmission, Distribution, and electricity storage	<ul style="list-style-type: none"> Modern renewable off-grid energy systems Connection of isolated grid ESS and Battery storage Other
Low-emission transport	<ul style="list-style-type: none"> Low-carbon/energy efficient mass transport Alternative transport fuels (Green hydrogen)
Residential and industrial energy efficiency technologies	<ul style="list-style-type: none"> Building energy modelling HVAC Lighting Appliances Other
Agriculture technologies and practices	<ul style="list-style-type: none"> Low carbon and climate-resilient farming methods and climate-linked insurance products Flood and drought management technology Climate-resilient plant/animal genetics/breeding Sustainable agriculture Other
Water management and treatment	<ul style="list-style-type: none"> Small-scale, decentralized wastewater plants Wastewater treatment Water treatment processing Water desalination Other
Waste management and treatment	<ul style="list-style-type: none"> Mechanical-biological treatment Aerobic/semi-aerobic digestion Composting Other



CTF: Private Sector's Support

- Companies with innovative climate technologies can join the 「 Collaborative R&D Programme for Promoting Climate Technopreneurship 」 by : (1) establishing a joint venture with a local company with a sales network in the 5 target countries, (2) entering indirectly through a technology license agreement without a separate corporation, or (3) establishing a local subsidiary in the 5 target countries.





Synergy of collaboration between the Public and Private sectors

Commitment to Partnership

- UN-affiliated multinational investment financing institution GCF (Green Climate Fund) with approximately 43% senior commitment
- South Korea's leading securities firm NH Securities with about 5-10% commitment
- Local presence of NH affiliates in Vietnam, Indonesia, Hong Kong, Singapore, and Australia

Thematic Investment

- Support global companies with innovative climate technologies in entering the markets of the five ASEAN countries
- Business development facilitated by GGGI, which possesses hotlines with markets/governments in five ASEAN countries, breaking down local barriers.
- Investment: Climate technology valuation (NHIS) and deal structuring (NHARP)

Unique sourcing model

- Possibility to consider countries and investment stages that are challenging for private investors to access, increasing the volume of the investment pipeline and diversity of sourced deals
- Examples include: Angel, Seed, Series A to C stages and the five ASEAN countries

Co-Value Up for both Private & Public sectors

- Enhancing international credibility by participating in the socially beneficial fund business with the major shareholder of an international investment organization
- In-depth understanding of sub-markets within ASEAN countries, acquisition of business and investment know-how, and improvement of overall project completion beyond financial returns



Detailed GCF Program Information Link

- 1) [Programme Description: Collaborative R&DB Programme for Promoting the Innovation of Climate Technopreneurship]
<https://www.greenclimate.fund/project/fp240>
- 2) [Funding Proposal English Version PDF]
<https://www.greenclimate.fund/sites/default/files/document/gcf-b39-02-add15-rev01-funding-proposal-package-fp240.pdf>

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