

Technology Expert Meeting on Mitigation

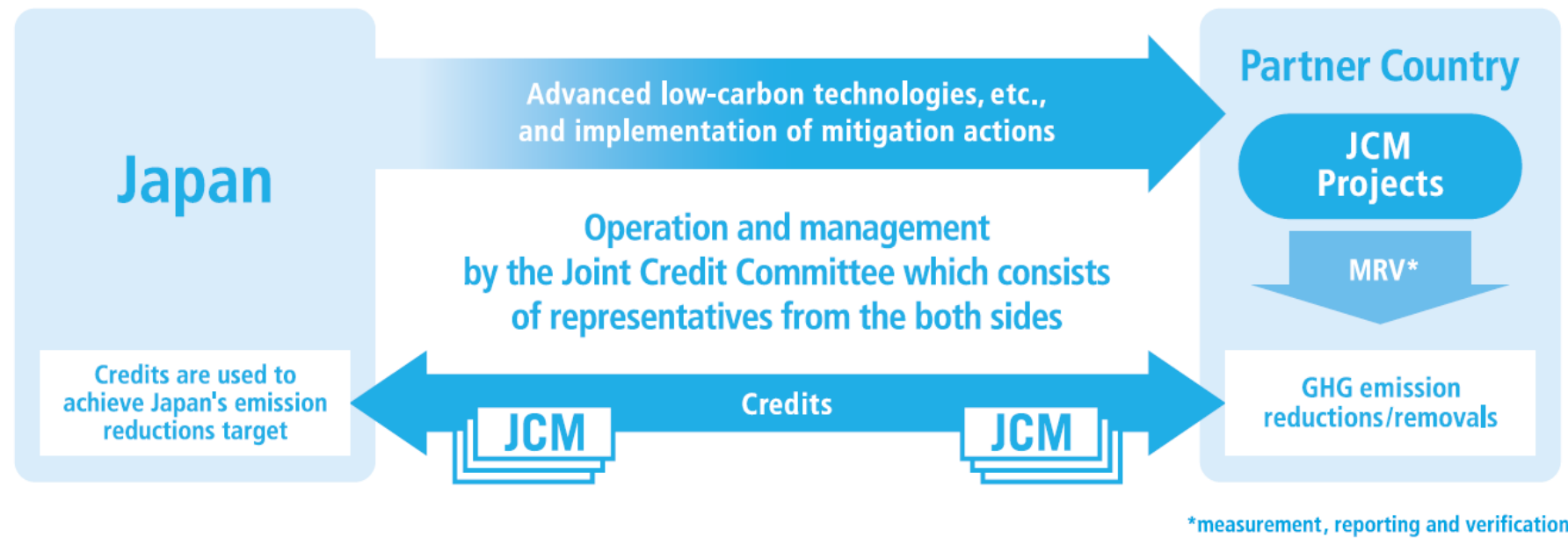
**Joint Crediting Mechanism (JCM) :
Accelerating Private-sector Investment in
Cooling Solutions**

25 August 2020

**Global Environment Centre Foundation
(GEC)**



Basic Concept and Benefits of JCM



JCM Partner Countries

- | | |
|--------------|------------|
| Mongolia | Bangladesh |
| Ethiopia | Kenya |
| Maldives | Vietnam |
| Lao PDR | Indonesia |
| Costa Rica | Palau |
| Cambodia | Mexico |
| Saudi Arabia | Chile |
| Myanmar | Thailand |
| Philippines | |



Facilitate diffusion of low-/decarbonizing technologies, products, and services to accelerate mitigation actions in JCM partner countries.



Accelerate private-sector investment in low-/decarbonizing technologies/projects.



Contribute to achieving the Sustainable Development Goals (SDGs).

1.5°C

Contribute to achieving goals under the Paris Agreement.

Bangladesh: 2/5 projects

- Centrifugal Chiller
- Centrifugal Chiller

Cambodia: 1/7 projects

- Solar PV & Centrifugal Chiller

Viet Nam: 8/27 projects

- Refrigeration Containers for Food Transport
- Air-conditioning in Hotel 1
- Air-conditioning in Lens Factory
- Energy saving Equipment in Lens Factory
- Air-conditioning Control System
- Energy Saving Equipment in Brewery Factory
- High Efficiency Chiller
- Air-Conditioning System and Air-Cooled Chillers
- Air-conditioning in Hotel 2

Costa Rica: 1/2 projects

- Chiller and Heat Recovery System

Myanmar: 1/7 projects

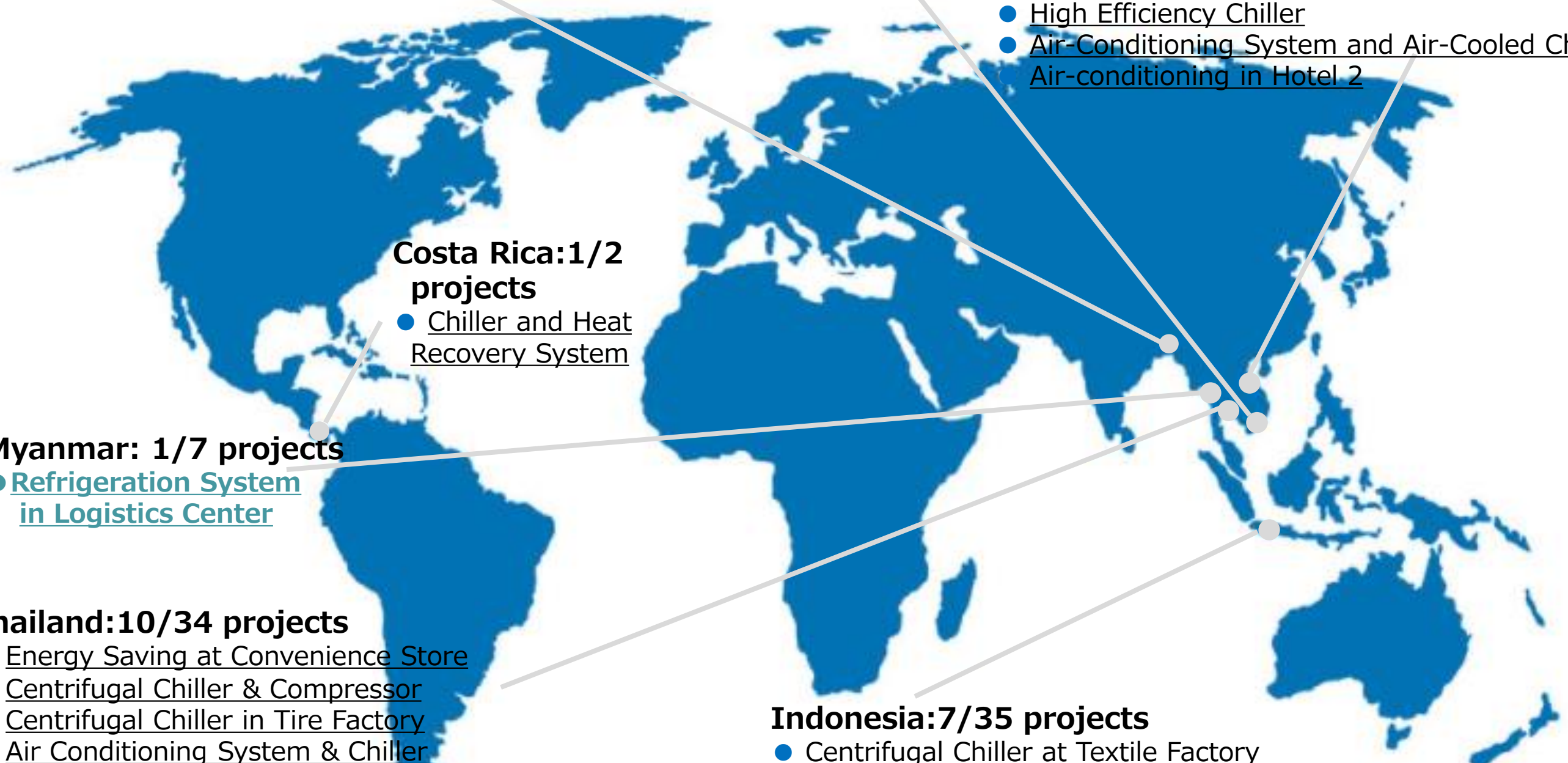
- Refrigeration System in Logistics Center

Thailand: 10/34 projects

- Energy Saving at Convenience Store
- Centrifugal Chiller & Compressor
- Centrifugal Chiller in Tire Factory
- Air Conditioning System & Chiller
- Co-generation in Motorcycle Factory
- Refrigeration System
- Refrigerator and Evaporator
- Air-conditioning Control System
- 0.8MW Solar PV and Centrifugal Chiller
- Centrifugal Chiller to Machinery Factory

Indonesia: 7/35 projects

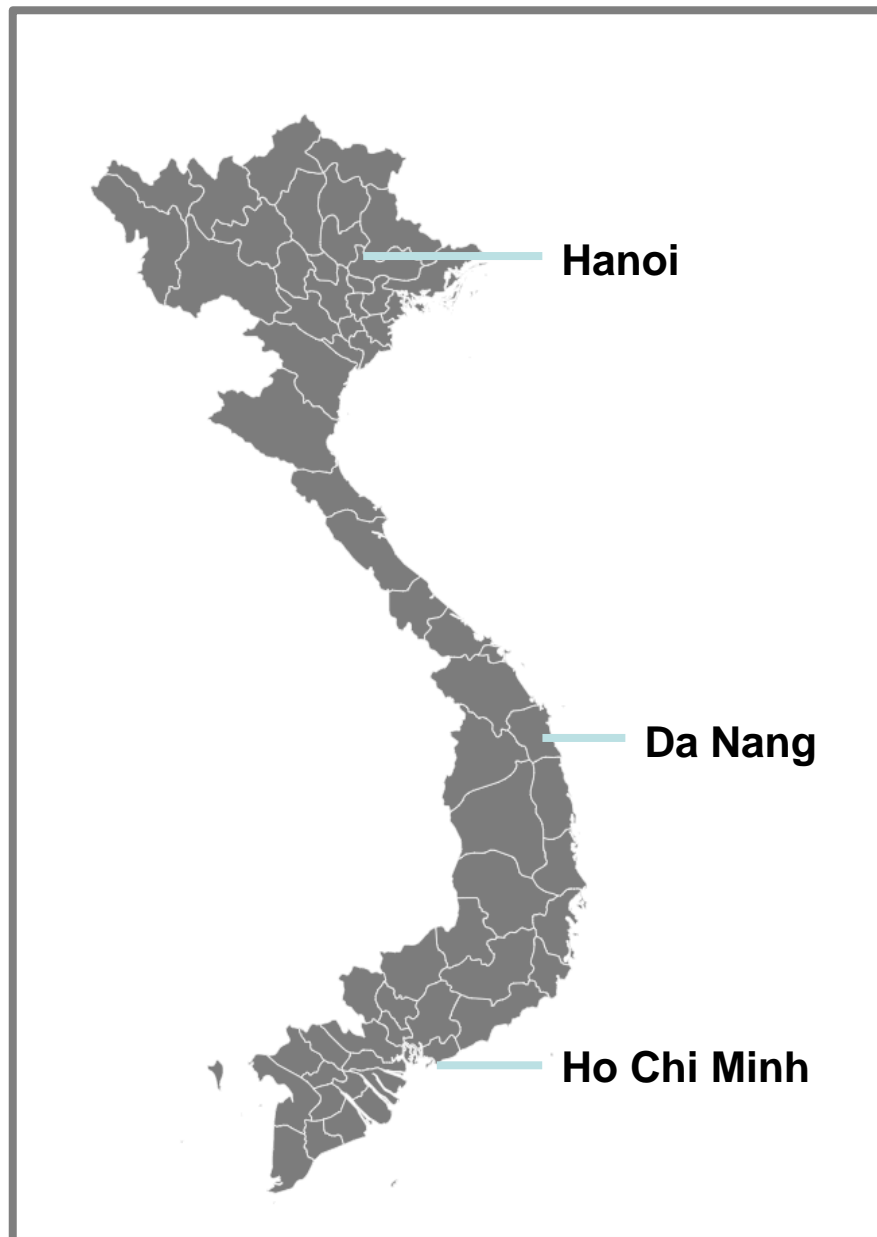
- Centrifugal Chiller at Textile Factory
- Energy Saving at Convenience Store
- Refrigerants to Cold Chain Industry
- Centrifugal Chiller at Textile Factory 2
- Centrifugal Chiller at Textile Factory 3
- Centrifugal Chiller in Shopping Mall
- Absorption Chiller



Example: High-efficiency air-conditioning system in Vietnam

Japanese entity: Hitachi-Johnson Controls Air Conditioning, Inc

Vietnam entity: Thanh Van Hotel Development Investment Joint Stock Company



High-efficiency air conditioning systems installed in 4 different commercial buildings (offices buildings and a hotel) in 3 different major cities.



2,661 tCO₂/year
= 14,520 tCO₂ total project emission reduction

Thank you!

For any questions on JCM, please contact us at

jcm-info@gec.jp

More information about JCM

at <http://gec.jp/jcm/>

Visit JCM Global Match at

<https://gec.force.com/JCMGlobalMatch/>

