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# The Joint Crediting Mechanism

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## **Part 1**

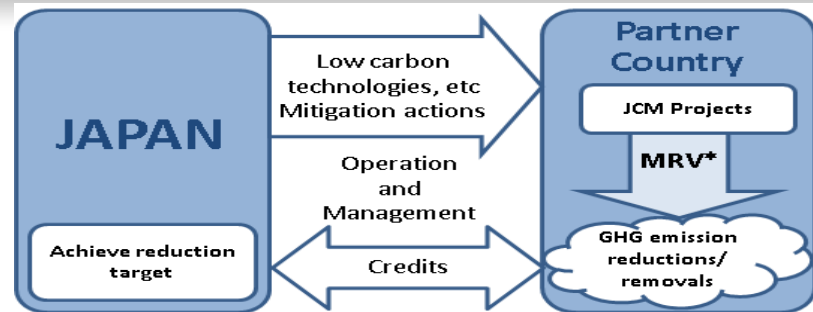
**How are the emissions units generated by your programme, mechanism or project?**



## Progress:

- 17 partner countries with more than 120 projects in the pipeline
- More than 10,000 credits issued so far
- 50 MRV methodologies approved

## (Example of pipeline projects)



MRV: measurement, reporting and verification



【Waste heat recovery in cement industry】  
(Indonesia)  
122,000tCO<sub>2</sub>/y.  
Start operation: Sep. 2017.



【Waste to Energy plant】  
(Myanmar)  
4,732tCO<sub>2</sub>/y.  
Start operation: Apr. 2017



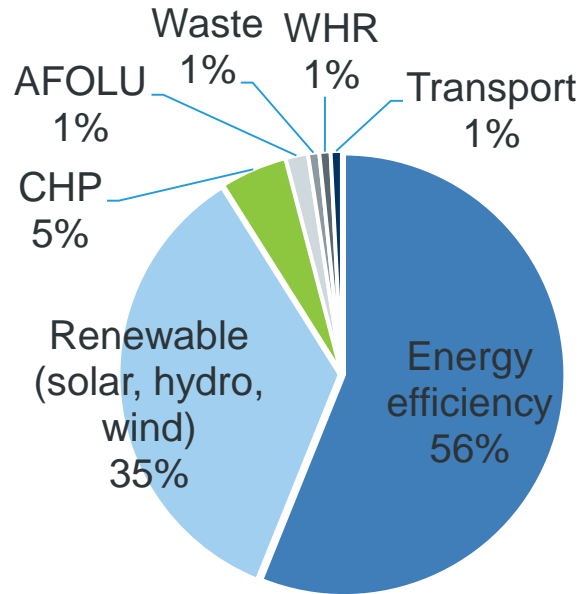
【Energy-efficient data center】  
(Laos)  
1,074tCO<sub>2</sub>/y.  
Start operation Jan. 2017



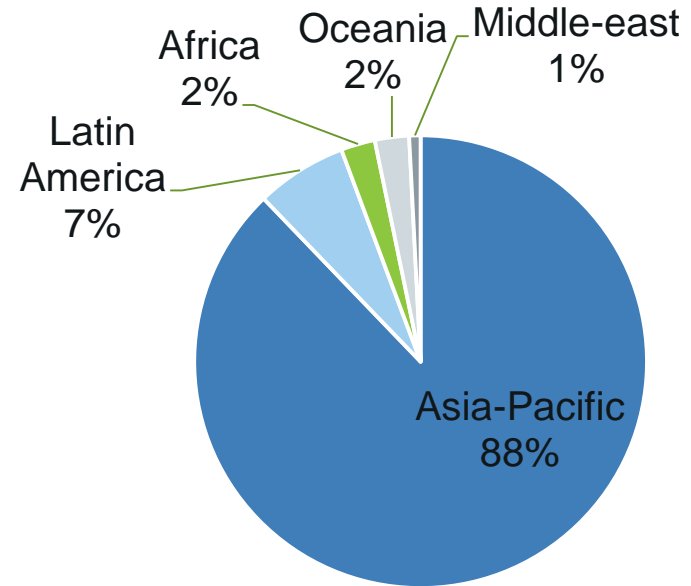
【Low carbon hotel by development of BEMS】  
(Viet Nam)  
605tCO<sub>2</sub>/y.  
Start operation: Jan. 2017



## Project sector (pipeline)

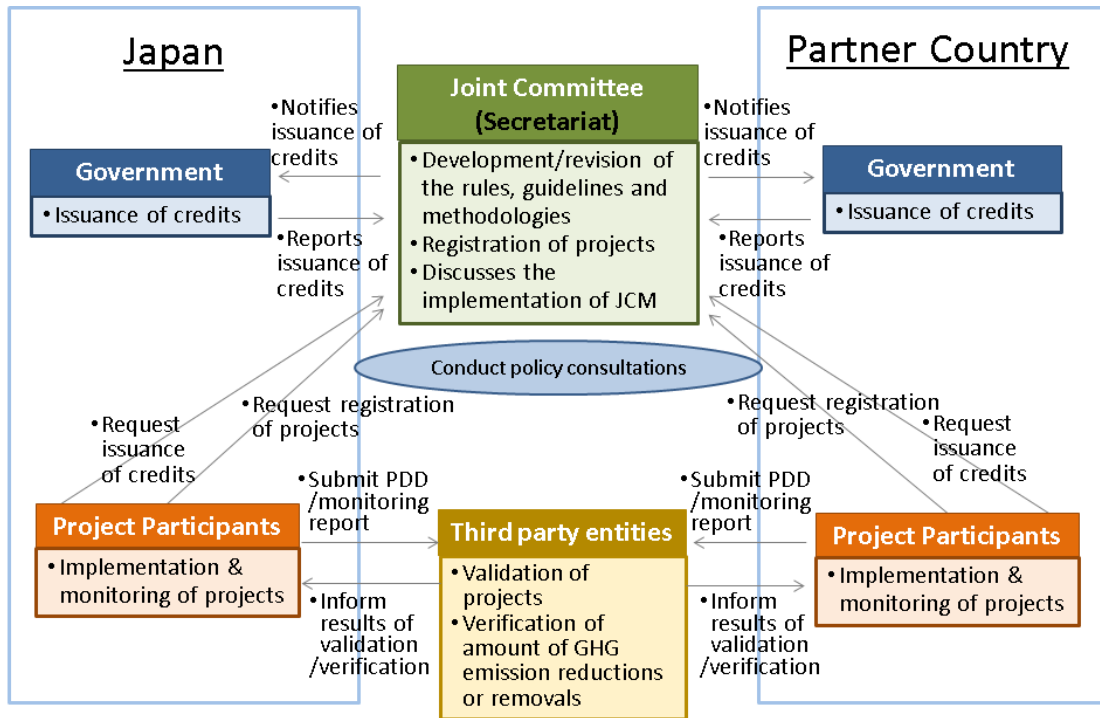


## Project region (pipeline)

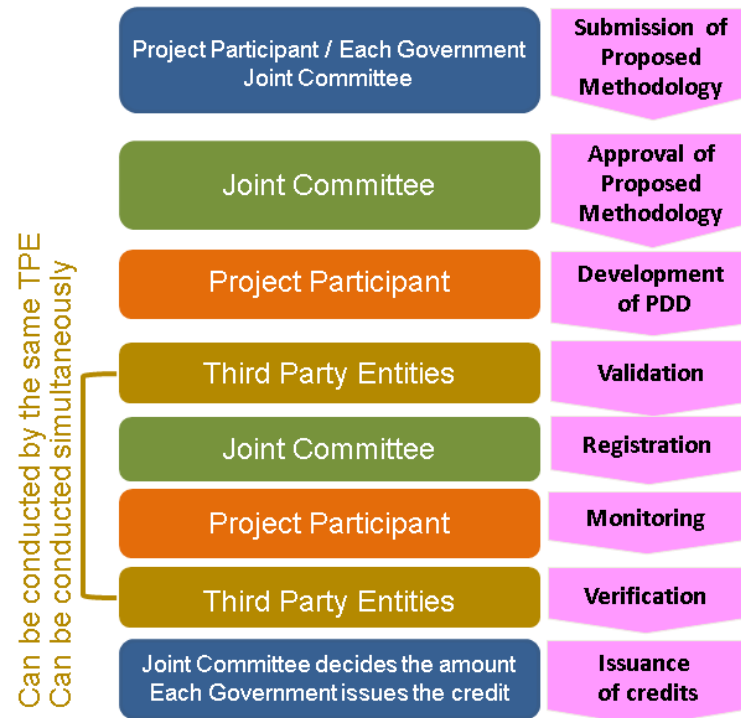




## Scheme of the JCM



## Project Cycle of the JCM





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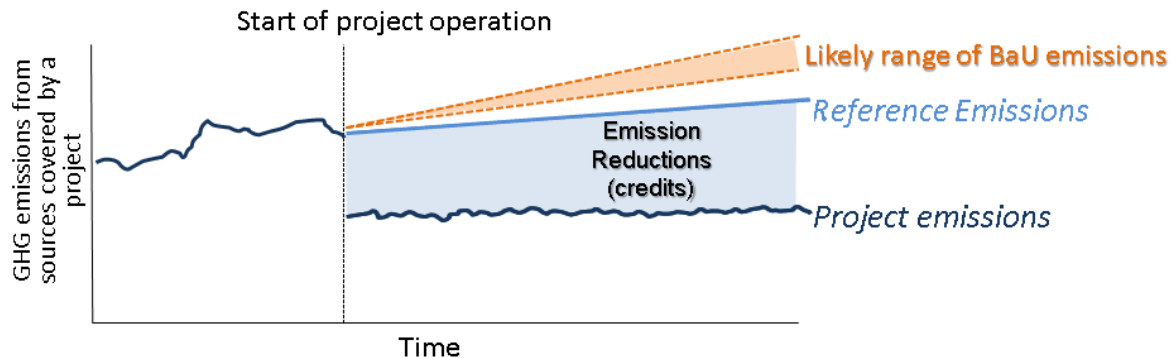
## Part 2

**What are the features and benefits of the emissions units generated by your programme, mechanism or project, including the means to ensure their quality?**



## Basic Concept for Crediting under the JCM

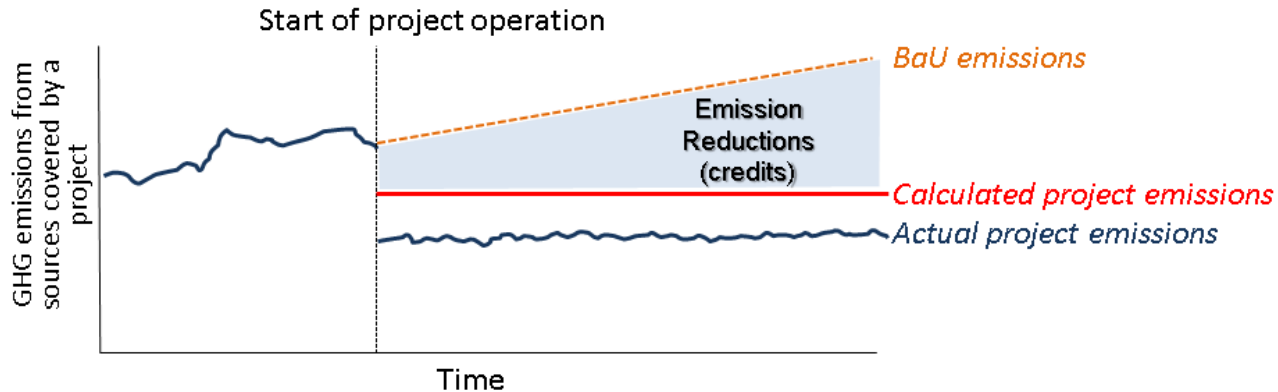
- In the JCM, emission reductions to be credited are defined as the difference between “reference emissions” and project emissions.
- The reference emissions are calculated below business-as-usual (BaU) emissions which represent plausible emissions in providing the same outputs or service level of the proposed JCM project in the partner country.
- This approach will ensure a net decrease and/or avoidance of GHG emissions.







- A net decrease and/or avoidance of GHG emissions can be realized in alternative way, instead of calculating the reference emissions below BaU emissions.
- Using conservative default values in parameters to calculate project emissions instead of measuring actual values will lead calculated project emissions larger than actual project emissions.
- This approach will also ensure a net decrease and/or avoidance of GHG emissions, as well as reduce burdens of monitoring.







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## Part 3

**Where can potential buyers purchase the emissions units generated by your programme, mechanism or project?**



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## The JCM registry system

- It is an information system built to appropriately manage JCM credits. Parties including participants in JCM projects can open accounts in the JCM registry system and hold JCM credits.
- Users other than account-holding entities are allowed to see the publicly disclosed portions of the registry such as the names of account-holding entities in the JCM registry system.

<https://www.jcmregistry.go.jp/>

**JCM** The Joint Crediting Mechanism Registry system

**JCM Registry system for Japan**

To Login Page

About the JCM Registry

Application forms and procedures

Contact

**JCM HOME**

**What's new**

18/12/2017 The JCM registry system will be offline for scheduled maintenance between 25th December 2017 at 01:00 GMT (10:00 JST) and 27th December 2017 at 09:00 GMT (18:00 JST).

28/8/2017 The JCM registry system will be offline for scheduled maintenance between 11th September 2017 at 01:00 GMT (10:00 JST) and 15th September 2017 at 09:00 GMT (18:00 JST).

21/7/2017 From 21st July 2017, the operating environment of the JCM registry system will be changed.  
After 21st July 2017, the JCM registry system can be used with the following operating systems and browsers.  
Operating systems : Windows 7, Windows 8, Windows 8.1  
Browser : Internet Explorer 11, Google Chrome 42

>>more

URL of the JCM registry system website: <https://www.jcmregistry.go.jp/>



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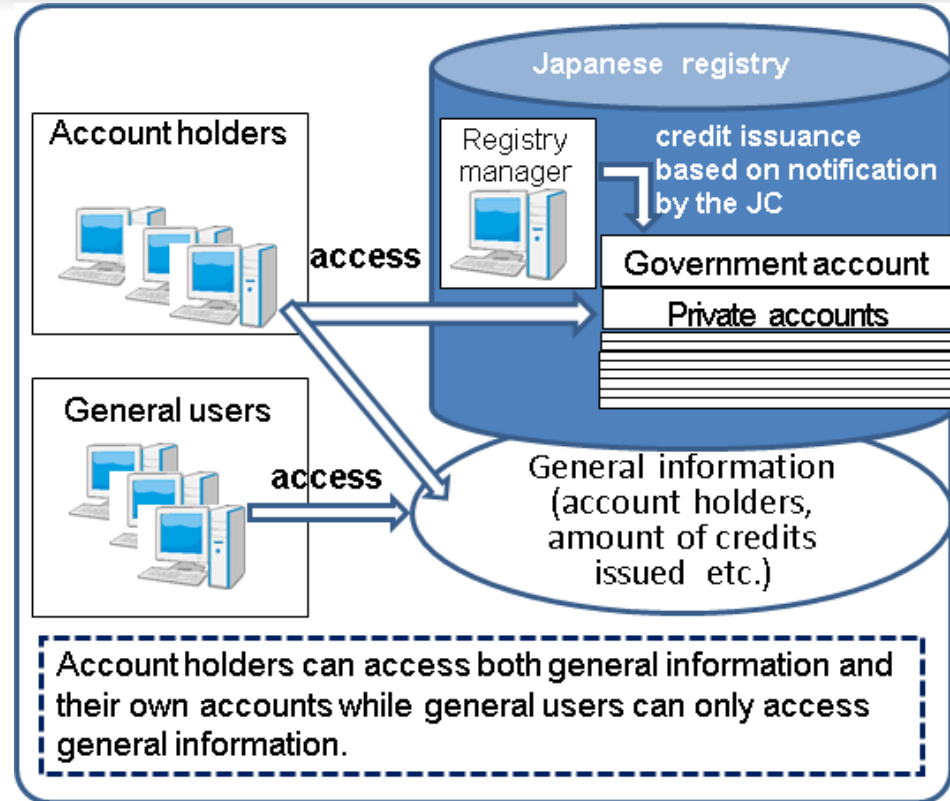


## **Part 4**

**How does your programme,  
mechanism or project track the  
use of emissions units?**



- The registry is established by each government (Japan & partner countries)
- The registries need to share “Common specifications”, e.g.,
  - **functions** (e.g. issuance, retirement, holding, cancelation of credits)
  - **account type** (e.g. holding account, government holding account, cancellation account, and retirement account)
  - **rules of serial number of the credit information sharing**
- Japan has established its registry and started operation in Nov. 2015.
- The partner countries also establish their own registry.





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THANK YOU