Measurement, Reporting and Verification (MRV) of the JCM

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Overview of JCM MRV Support



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Responsibility of project participants in each step



1.Collecting and offering data for methodology development

2.Organizing Local StakeholdersConsultation (LSC)3.Signature of MoC (Modalities of Communication)

Monitoring data

- **5**.Allocation of issued credits
 - Open account in the JCM registry



1. Collecting data for methodology development

- Setting default value is a key point in the development of JCM methodology. It is also important to reduce monitoring burdens for project participants.
- For example, it is helpful to collect information and catalogue related to technology which will be similar to a proposed project.
- It is essential to develop JCM methodology by using only monitoring parameters which do not require extra monitoring.



Source : Based on the manufacturer's information, Indonesian power specification etc., the above figure was prepared. Figure 1 : COP Values of Candidate Reference Chillers

 COP values by cooling capacity were collected through investigation. The maximum value of collected COP values was adopted for reference COP.
 (Indonesia : Chiller Project)

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Project Design Document (PDD) Development

- \succ Emission reductions are calculated by spreadsheet automatically.
- Main point in PDD development is explanation of result of LSC.
 - \checkmark The objective of LSC is to explain about project to relevant local stakeholders.
 - \checkmark The scheme of the JCM is not necessarily explained in LSC.
- Since PDD form is simple, PDD can be developed in a short term except for the information related to LSC.

Necessary information for PDD 1) Overview of project & technology 2) Location of project 3) Starting date of project operation 4) Amount of emission reduction 5) Monitoring point and structure 6) Result of LSC 7) EIA (if applicable)

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2. Local Stakeholders Consultation (LSC)

Necessary actions for LSC by Project Participants

- 1. Selection of potential participants
- 2. Coordination to decide date and venue
- 3. Preparation of materials for explanation of project
- It is important to communicate and coordinate early with project participants and governments.

The following record will be required at validation process.

- Material used for explanation of project at LSC
- Minutes of LSC in English

Note: In particular, comments from participants

- List of participants with signature (not mandatory)
- Photos of LSC (not mandatory)



Photo: LSC in the JCM project (ID005)

Example of participants for LSC

- Project Participants
- Local Government Officials
- Regional chamber of commerce
- JCM secretariat

3. Signature of Modalities of Communication (MoC)

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- MoC is a form to designate a focal point of each project participant for communication with the JCM secretariat and Joint Committee (JC).
- Signatures of primary and alternative persons are necessary in the form.
- Signature of a project participant in host country is also needed.

JCM Modalities of Communication Statement Form

Section 1: Project description					
Title of the project					
Country					
Date of Submission	dd/mm/yyyy				

Name of ent	ity:						
Address (inc	L postcode):						
Telephone:	-	Fax:					
E-mail:		Website:					
Primary aut	horised signatory:	Mr. Ms.					
Last name:		First name:					
Title:							
Specimen si	gnature:	Date: dd/mm/yyyy					
Atternaterat	unorised signatory:	мгмя					
Last name:		First name:					
Title:							
	-	Date: dd/mm/yyyy					
Contact per	-	Mr Ms					
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Contact per Last name: Title:	xon:	Mr Ms					
Contact per Last name: Title: Department	xon:	Mr. Ms. First name:					
Contact per Last name:	xon:	Mr Ms					
Contact per Last name: Title: Department Mobile: E-mail:	xon:	MrMs First name: Direct tel.: Direct fax:					
Title: Departmen Mobile:	son: :	MrMs First name: Direct tel.: Direct fax: Yes (Former entity name:)					



4. Case Study: Monitoring of Solar PV Project





Monitoring Parameter: VN_AM007

Monitoring parameter : quantity of electricity generated by the project solar PV system(s)



5. Allocation of issued credits

- Projects supported by the JCM financial programme are required to provide more than 50% of issued credits to Japanese government.
- Allocation of remaining credits is decided between Vietnamese government, project participants from Japan and Vietnam.
- Since Vietnamese government will also acquire credits, close coordination with both governments is helpful for project participants.
- Project participants are required to open an account in JCM registry in advance. The account numbers of project participants are necessary for completing the JCM credit issuance form.



JCM_VN_F_Iss_Req_ver02.0



For further information

Official JCM Webpage

https://www.jcm.go.jp/

Content: rules and guidelines, JCM methodology, projects



GEC website

http://gec.jp/jcm/

Content: call for proposals, financial and project development, feasibility study, JCM booklet



Carbon Markets Express

https://www.carbon-markets.go.jp/eng/

Content: recent development of the JCM



IGES JCM Database

<u>https://pub.iges.or.jp/pub/iges-joint-crediting-</u> <u>mechanism-jcm-database</u> Content: details of methodologies, projects,

feasibility studies

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Thank you for your kind attention!

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