

Date of meeting: 9 March 2016

Place of meeting: Dhaka, Bangladesh

**Joint Committee of the Joint Crediting Mechanism  
between Bangladesh and Japan  
Third Meeting**

**Meeting Report**

**Agenda item 1. Opening**

Mr. Md. Nurul Karim, Additional Secretary, Ministry of Environment and Forests, opened the third meeting of the Joint Committee (JC) of the Joint Crediting Mechanism (JCM) and gave opening remarks.

Mr. Takeshi Matsunaga, Minister, Embassy of Japan in Bangladesh, gave opening remarks.

Table: Attendance

<b>JC Members from Bangladeshi side</b>	
<b>Mr. Md. Nurul Karim*</b>	Ministry of Environment and Forests
<b>Mr. Md. Raisul Alam Mondal</b>	Department of Environment
<b>Dr. Nurul Quadir</b>	Ministry of Environment and Forests
<b>Mr. Shafiquzzaman</b>	Planning Division
<b>Mr. Mohammad Iftekhar Hossain</b>	Economic Relations Division (ERD)
<b>Mr. Md. Hasan Abdullah Towhid</b>	Ministry of Foreign Affairs
<b>Mr. Mohammad Alauddin</b>	Power Division
Mr. Md. Abu Yousuf Miah	Energy and Mineral Resources Division
<b>Dr. Ijaz Hossain</b>	Chemical Engineering Department, BUET
<b>Mr. Mirza Shawkat Ali</b>	Department of Environment
<b>JC Members from Japanese side</b>	
<b>Mr. Takeshi MATSUNAGA*</b>	Embassy of Japan in Bangladesh
<b>Ms. Mihoko KAWAMURA (alternate)</b>	Ministry of Foreign Affairs
<b>Mr. Sadanobu TAGUCHI (alternate)</b>	Ministry of Economy, Trade and Industry
<b>Mr. Takaaki ITO (alternate)</b>	Ministry of the Environment
<b>Mr. Takayuki KAWAKAMI</b>	Embassy of Japan in Bangladesh

The names of members present at the meeting are in bold print.

\*Co-Chair at the third meeting of the JC

**Agenda item 2. Organizational matters**

**Agenda item 2.1 Adoption of the agenda**

The JC adopted the agenda of the meeting.

**Agenda item 2.2 Approval of attendance of observers**

The Co-Chairs introduced the observers and the JC gave its consent to the attendance of observers at this JC meeting.

**Agenda item 3. Rules and guidelines**

**Agenda item 3.1 Modification of the name of the mechanism**

The JC decided to modify the name of the mechanism from the Bilateral Offset Credit Mechanism (BOCM) to the Joint Crediting Mechanism (JCM).

**Agenda item 3.2 Rules of Procedures for the Joint Committee**

The JC considered the draft revised “Rules of Procedures for the Joint Committee” and adopted it, as contained in Annex 1 to this meeting report.

**Agenda item 3.3 Rules of Implementation for the Joint Crediting Mechanism (JCM)**

The JC considered the draft revised “Rules of Implementation for the Joint Crediting Mechanism (JCM)” and adopted it, as contained in Annex 2 to this meeting report.

**Agenda item 3.4 JCM Project Cycle Procedures and adoption of draft forms**

The JC considered the draft revised “JCM Project Cycle Procedures” as well as ten (10) draft forms related to the procedure, and adopted them, as contained in Annex 3 and Annex 3.1 to 3.10 to this meeting report.

**Agenda item 3.5 JCM Guidelines for Developing Proposed Methodology**

The JC considered the draft revised “JCM Guidelines for Developing Proposed Methodology” and adopted it, as contained in Annex 4 to this meeting report.

**Agenda item 3.6 JCM Guidelines for Developing Project Design Document and Monitoring Report**

The JC considered the draft revised “JCM Guidelines for Developing Project Design Document and Monitoring Report” and adopted it, as contained in Annex 5 to this meeting report.

**Agenda item 3.7 JCM Guidelines for Designation as a Third-Party Entity**

The JC considered the draft revised “JCM Guidelines for Designation as a Third-Party Entity” and adopted it, as contained in Annex 6 to this meeting report.

**Agenda item 3.8 JCM Guidelines for Validation and Verification**

The JC considered the draft revised “JCM Guidelines for Validation and Verification” and adopted it, as contained in Annex 7 to this meeting report.

**Agenda item 3.9 JCM Glossary of Terms**

The JC considered the draft revised “JCM Glossary of Terms” and adopted it, as contained in Annex 8 to this meeting report.

**Agenda item 3.10 Common Specifications of the JCM Registry**

The JC considered the draft “Common Specifications of the JCM Registry” and adopted it, as contained in Annex 9 to this meeting report.

**Agenda item 4. JCM methodology**

**Agenda item 4.1 Energy Saving by Introduction of High Efficiency Centrifugal Chiller**

The JC considered the proposed methodology BD\_PM001 “Energy Saving by Introduction of High Efficiency Centrifugal Chiller” and the public inputs received to the proposed methodology, and took note of the explanation provided by the secretariat.

In response to points raised by the public inputs, the JC concluded as follows:

- i. In regard to the case for re-use of refrigerant in replaced chillers, this methodology compares the emissions from reference chiller and project chiller under the assumption that re-use in reference cases and project case are the same. In addition, this methodology requests the project participants to commit the appropriate handling of the refrigerant in replaced chiller as stated in eligibility criteria 5. Thus, this methodology will not prolong the use of restricted refrigerants.
- ii. There is no procedure to relate emission reductions from JCM with other emission reduction scheme.
- iii. This methodology is applicable only for centrifugal chillers. Centrifugal chillers are utilized for the air conditioning of larger areas, whereas natural refrigerant chillers mentioned in ID\_AM003 and ID\_AM008 are utilized normally in smaller capacity and for the lower temperature conditions. Also, eligibility criteria of ID\_AM003 define the purpose as food cold storage or quick freezer and eligibility criteria of ID\_AM008 define the purpose as fridge-freezer and area of grocery store. Thus, the way of use of chillers is different from these methodologies. Hence, these methodologies cannot be compared in the same way. In addition, HCFC-123 is not eligible in this methodology since the ODP is not zero.

- iv. The methodology compares the emissions from reference chiller and project chiller under the assumption that leakage of refrigerant from reference chiller and project chiller is the same. In addition, during the periodical check which is required in eligibility criteria 3, sealing condition of refrigerant will also be checked to maintain the appropriate working condition of project chiller, which will lead to less leakage of refrigerant.
- v. Concerning centrifugal chillers used in industrial sector, design of COP varies from one chiller to another as per requirement of buyers. If customer requests the higher efficiency, it is possible at the higher price. The proponent who proposed the methodology conducted market survey to get the actual information of market situation in terms of range of COP in centrifugal chillers available in the market and set default COP by selecting maximum COP values in a conservative manner. This default COP provides a concrete reference to project participants when applying this methodology to an actual project without conducting survey on COP values each time, which would certainly be a burden for project participants and lose practicability of the methodology.

Upon consideration of the above, the JC approved the proposed methodology BD\_PM001, as contained in [Annex 10](#) to this meeting report.

## **Agenda item 5. Third-Party Entity**

### **Agenda item 5.1 Designation of Third-Party Entities**

The JC designated the following seven (7) entities as Third-Party Entities.

- Lloyd's Register Quality Assurance Limited (LRQA)  
(validation and verification functions in sectoral scopes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13)
- Japan Quality Assurance Organization (JQA)  
(validation and verification functions in sectoral scopes: 1, 3, 4, 5, 9, 10, 13, 14)
- Japan Management Association (JMA)  
(validation and verification functions in sectoral scopes: 1, 2, 3, 4, 6, 8, 9, 14)
- TÜV SÜD South Asia Private Limited (TÜV SÜD)  
(validation and verification functions in sectoral scopes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)
- TÜV Rheinland (China) Ltd.  
(validation and verification functions in sectoral scopes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)
- EPIC Sustainability Services Private Limited (EPIC)

(validation and verification functions in sectoral scopes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15)

- KBS Certification Services Pvt. Ltd. (KBS)

(validation and verification functions in sectoral scopes: 1, 3, 4, 5, 7, 9, 10, 12, 13, 15)

## **Agenda item 6. Other matters**

### **Agenda item 6.1 Promoting development of JCM projects in Bangladesh**

The Japanese side introduced the JCM registry and the JCM website.

### **Agenda item 6.2 JCM Promotion scheme**

The Japanese side explained the JCM promotion schemes especially the JCM Model Projects, the JCM Demonstration Program and the MRV Application Study. The Japanese side also explained the selected projects under these schemes.

### **Agenda item 6.3 Possible extension of the JCM**

The Japanese side explained a possible extension of the partnership for the JCM beyond 2020.

The JC took note of its importance and decided to further discuss it at the next JC meeting.

## **Agenda item 7. Conclusion of the meeting**

The Co-Chairs gave closing remarks and closed the meeting.

## **Annexes to the report**

Annex 1 Rules of Procedures for the Joint Committee (version 02.0)

Annex 2 Rules of Implementation for the Joint Crediting Mechanism (JCM) (version 02.0)

Annex 3 JCM Project Cycle Procedure (version 02.0)

Annex 3.1 JCM Modalities of Communication Statement Form

Annex 3.2 JCM Validation Report Form

Annex 3.3 JCM Project Registration Request Form

Annex 3.4 JCM Verification Report Form

Annex 3.5 JCM Credits Issuance Request Form

Annex 3.6 JCM Approved Methodology Revision Request Form

Annex 3.7 JCM Post-Registration Changes Request Form

Annex 3.8 JCM Project Withdrawal Request Form

Annex 3.9 JCM Registration Request Withdrawal Form

- Annex 3.10 JCM Issuance Request Withdrawal Form
- Annex 4 JCM Guidelines for Developing Proposed Methodology (version 02.0)
- Annex 5 JCM Guidelines for Developing Project Design Document and Monitoring Report (version 02.0)
- Annex 6 JCM Guidelines for Designation as a Third-Party Entity (version 02.0)
- Annex 7 JCM Guidelines for Validation and Verification (version 02.0)
- Annex 8 JCM Glossary of Terms (version 02.0)
- Annex 9 Common Specifications of the JCM Registry
- Annex 10 BD\_AM001 “Energy Saving by Introduction of High Efficiency Centrifugal Chiller”