



# The current status of the JCM in Bangladesh

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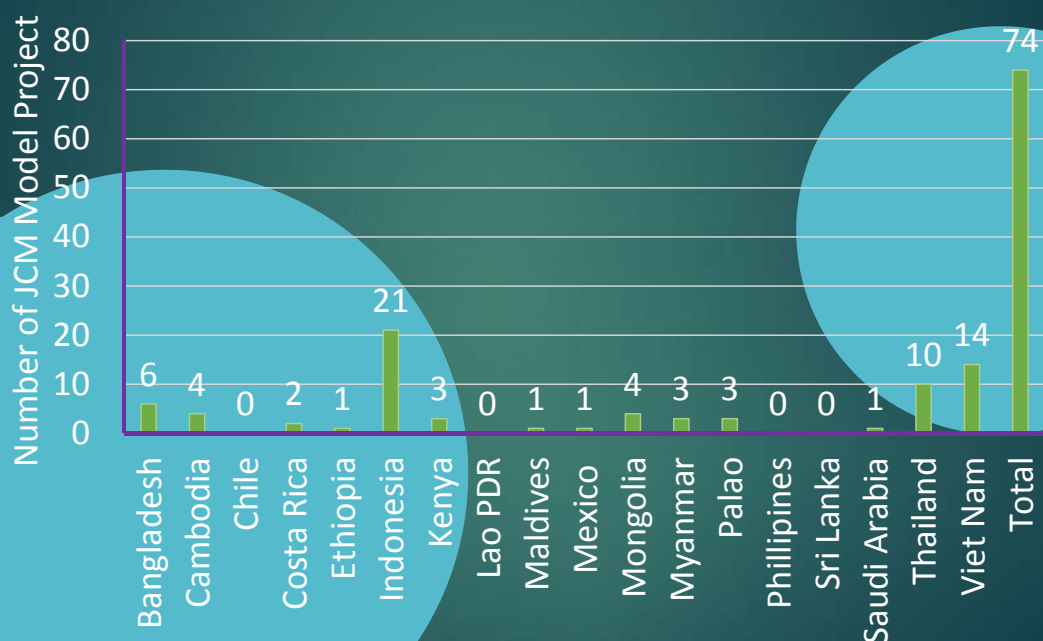
## Agreement between Japan & Bangladesh

- Japanese government signed an agreement with Bangladesh government for the establishment of the Bilateral Offset Crediting Mechanism (BOCM) on 19<sup>th</sup> March 2013.
- Japan and Bangladesh promote the Low Carbon Development Partnership in the pursuit of the ultimate objective of the UNFCCC.



Source: Embassy of Japan in Bangladesh website

# Number of JCM model projects in host countries



# JCM Model Projects in Bangladesh

Project name	Fiscal Year	Project Participants	
		Japanese side	Bangladesh side
Energy Saving for Air Conditioning & Facility Cooling by High Efficiency Centrifugal Chiller in Sugar Mill (Commissioned)	2014	Ebara Refrigeration Equipment & Systems	City Sugar Industries Ltd
Installation of High Efficiency Loom at Weaving Factory (commissioned)	2015	Toyota Tsusho Corporation	Hamid Fabrics Limited
Introduction of PV-diesel Hybrid System at Fastening Manufacturing Plant (commissioned)	2015	YKK Corporation	YKK Bangladesh Pte Ltd
50MW Solar PV Power Plant Project	2015	Pacific Consultants	HDFC SinPower Ltd. & IFDC Solar Power (BD) Ltd
Installation of High Efficiency Centrifugal Chiller for Air Conditioning System in Clothing Tag Factory	2015	Ebara Refrigeration Equipment & Systems	Next Accessories Ltd.
Energy Saving of Air-Conditioning System by Recovering Waste Heat from Engine in Textile Factory	2016	Ebara Refrigeration Equipment & Systems	Unitex Composite Ltd

# Potential JCM Projects in Bangladesh

Technologies	Frequency	Category of companies
Waste heat recovery boiler	6	Food processing, fastening manufacturer, Textile, Steel manufacturer, Cement manufacturer
Energy efficient chiller	5	Food processing, fastening manufacturer, Textile, Steel manufacturer, Cement manufacturer
Energy efficient wastewater treatment plants	1	Food processing
Solar PV Power generation	2	Power generation companies
Roof top solar power generation	6	Food processing company, Spinning, Textile, paper manufacturer, garments manufacturer, renewable energy solution provider
Solar irrigation pump system	2	Renewable energy solution provider
Cold storage system for food industries	1	Trading company
Energy efficient water bottling technology	1	Group of company
Non-fired brick technology	1	Clean technology solution provider
Solar Diesel Hybrid system	1	Renewable energy solution provider

<http://www.bocmbangladesh.com/index.php/projects/potential-projects>

## JCM Bangladesh Secretariat

### Agencies:

Ministry of Environment and Forests  
Department of Environment

### Key Services

- ✓ Awareness raising on JCM
- ✓ Capacity building on JCM
- ✓ Identify low carbon technology needs in Bangladesh
- ✓ Supporting matchmaking between Japanese companies and Bangladeshi companies
- ✓ Supporting methodology development
- ✓ Supporting PDD development

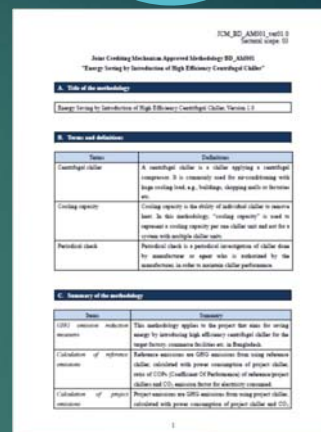
# Major Activities JCM Bangladesh Secretariat

FY	Activity 1	Activity 2	Activity 3	Activity 4	Other
2013	One Capacity building workshop	-	-	-	-
2014	Two Capacity building workshop	Developed JCM Secretariat Bangladesh Website	-	-	-
2015	Two Capacity building workshop	Update website with useful information	Matchmaking event between Japanese and Bangladeshi company	BOCM (now JCM) CHARTS (English)	<ul style="list-style-type: none"> <li>Hosted the 3<sup>rd</sup> JC meeting</li> <li>Facilitate methodology explanation meeting</li> </ul>
2016	Two Capacity building workshop	Update website with useful information	Facilitate matchmaking between Japanese and Bangladeshi company	JCM in CHARTS (Eng)) Produce JCM in CHARTS (Beng)	Facilitate methodology explanation meeting

## Snape shots of some outputs



Capacity Building workshop in FY 2016



Approval of methodology of the first JCM Model project



Demonstration field visit to the first JCM Model project

# Snapshot of some outputs



Launching of JCM in CHARTs



JCM Secretariat Bangladesh  
<http://bocmbangladesh.com/index.php>

## Future Plan/Activities for FY 2017-2018

- ▶ **Capacity Building Workshop at National and Regional Level** - Organization of Capacity Building Workshop on Joint Crediting Mechanism (JCM) at National and Regional level at Dhaka and Chittagong on September/October 2017 and January/February 2018 respectively.
- ▶ **Training for potential local Third Party Entity**
- ▶ **Match Making Workshop** - Organization of Match Making Workshop between Japanese and Bangladeshi companies on Joint Crediting Mechanism (JCM) in Dhaka on September/October 2017.
- ▶ **Explanation and Stakeholder Consultation Meetings** - Organizing explanation meetings with business associations and stakeholder meetings for JCM Methodology and PDD development.
- ▶ **Maintenance of JCM Bangladesh Secretariat website** - Update JCM Bangladesh secretariat website regularly to facilitate easy access to JCM related information to the local stakeholders.

# Bangladesh's Nationally Determined Contribution (NDC)

- ▶ Three Sectors
  - ▶ Power
  - ▶ Industry
  - ▶ Transport

## Acknowledgements



**Ministry of the Environment**

**IGES**  
Institute for Global  
Environmental Strategies



Thank you very much