

# Application of the MAAP to the JCM Projects

UNDARMAA KHURELBAATAR, JCM SECRETARIAT

### **MN001:**

Installation of high-efficiency Heat Only Boilers in 118th School of Ulaanbaatar City

- Khan-Uul District of Ulaanbaatar City is the outside of the service area of the heat supply from the thermal power plants.
- High-efficiency Heat-Only Boilers necessary to fulfil the demand of new heat facilities for the new school building and the kindergarten
- Boiler designed with a rotary grate that reduces fuel consumption and multi-cyclone module (dust collector) that contributes to reduction of air pollutant in the city.

### **MN002:**

Centralization of heat supply system by installation of high-efficiency Heat Only Boilers in Bornuur soum

- Replacement of the soum's public heating infrastructure: installation of Heat Only Boilers, pipe laying work, electrical construction, and boiler building construction.
- Project alters the current heat supply system in Bornuur soum of individual building based heating, under which the low efficiency HOBs and stoves are used.
- Boiler designed with a rotary grate that reduces fuel consumption and multi-cyclone module (dust collector) that contributes to reduction of air pollutant in the city.



# Result of application

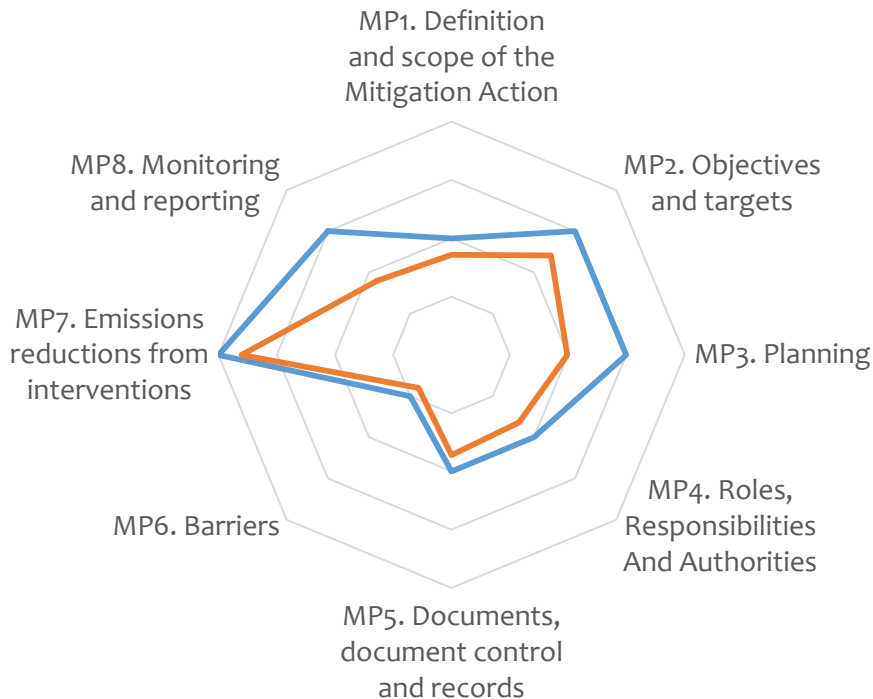
JCM project MN001

JCM project MN002

# MODULE 1 MITIGATION ACTION PROGRAM

## MODULE 1. Mitigation Action Program

— Max Area Score — Area Score



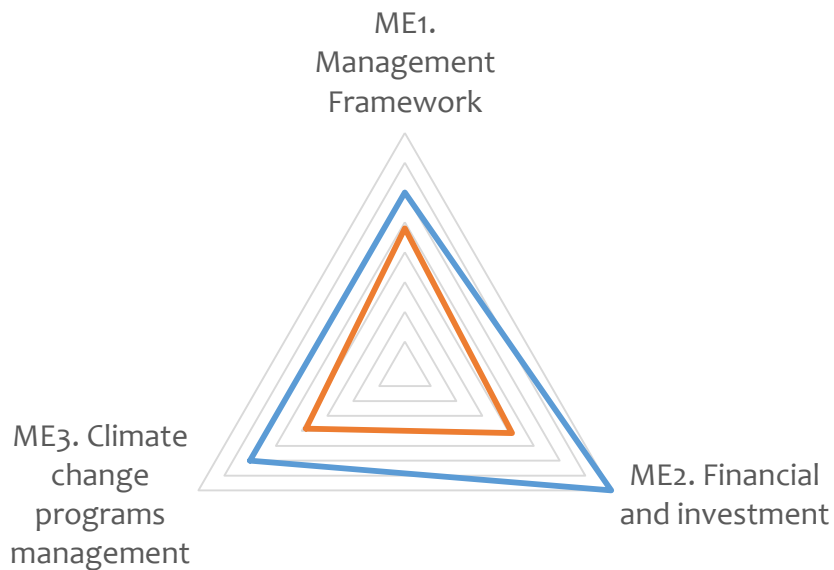
## Potential areas of improvement:

- Clarification on project's reductions claim
- Risk analysis, risk management and mitigation plan.
- More detail project financial and investment plan.
- Identification of barriers for implementation.
- Identification of project key performance indicators and periodical evaluation.
- Identification of contribution to Sustainable Development Goals.
- Explore monitoring of SDG, use of indicators.

# MODULE 2 MANAGEMENT ENTITY

## MODULE 2. Management Entity

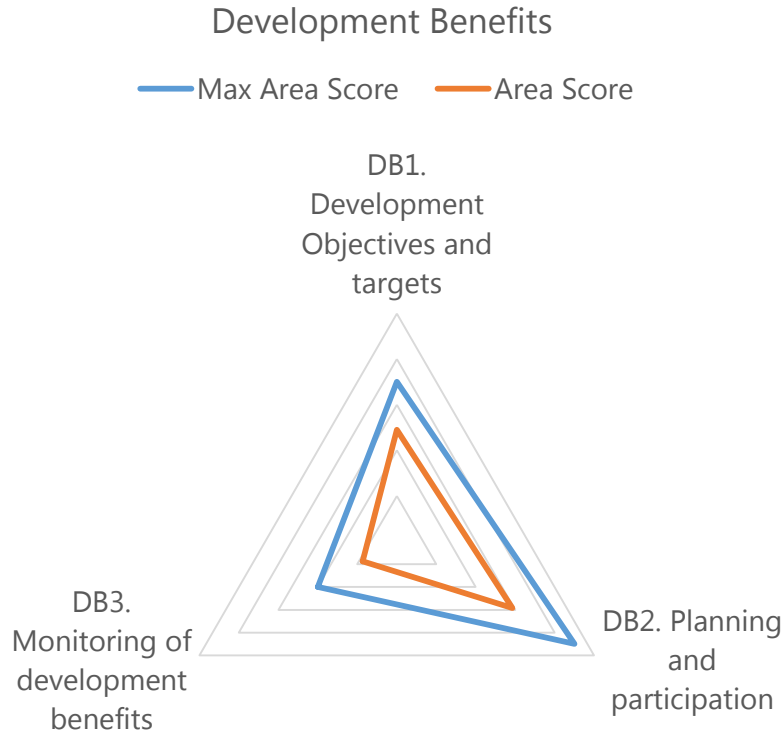
— Max Area Score — Area Score



## Potential areas of improvement:

- Promotion of management systems accreditation.
- Sharing experiences in management and implementation of internationally financed programs with industrial institutions/associations.
- Continuous engagement with local government.

# MODULE 4 DEVELOPMENT BENEFITS



## Potential areas of improvement:

- Description of project contribution to non-GHG and sustainable development benefits (clean energy, improved heating, education environment, minimize air pollution)
- Description of prevention of negative impacts.
- Description of JCM support's benefit for economics of project (private investments, technology transfer).
- Identification of indicators for development benefits and the monitoring system.
- Identification of stakeholders for monitoring development benefits.



# Application of the MAAP to the CDM Projects

UNDARMAA KHURELBAATAR, JCM SECRETARIAT

## CDM Project 5977: Salkhit Wind Farm

- Wind farm in Salkhit uul of 49.6 MW capacity and 168.5 GWh net electricity generation per year connected to the Central grid.

## CDM Small-Scale 0787: Taishir Hydropower project

- Hydropower facility on the Zavkhan River of 11 MW capacity. The facility is expected to generate an estimated 37,000 MWh of electricity per year to be provided to Gobi Altai and Zavkhan provinces.





# Result of application

CDM project taishir hydropower

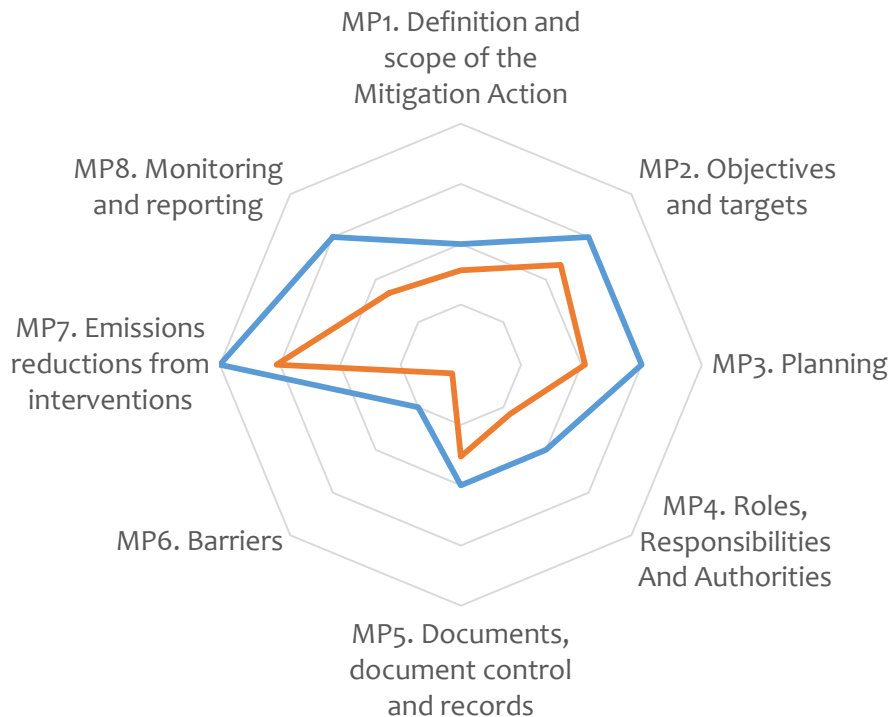
CDM project salkhit wind farm

# MODULE 1 MITIGATION ACTION PROGRAM

## Salkhit Wind Farm

### MODULE 1. Mitigation Action Program

— Max Area Score — Area Score



### Potential areas of improvement:

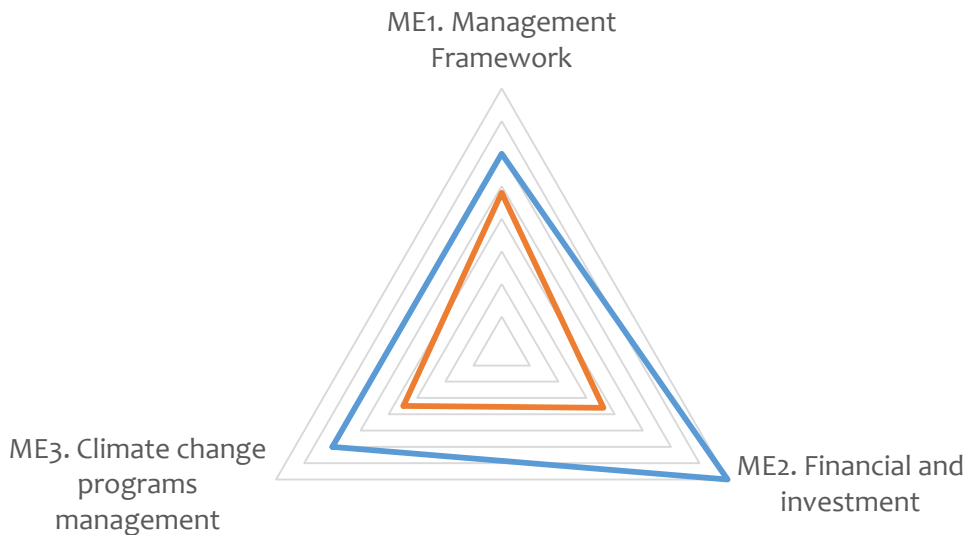
- Description of project contribution to country and city policies/priorities.
- Risk analysis, risk management and mitigation plan.
- Avoidance of double counting.
- Identification of potential barriers in implementation: investment, policy, etc.
- Periodical evaluation of key performance indicators.
- Contribution to development goals.

# MODULE 2 MANAGEMENT ENTITY

## Salkhit Wind Farm

### MODULE 2. MANAGEMENT ENTITY

— Max Area Score — Area Score



### Potential areas of improvement:

- Identify financial flows monitoring and reporting.
- Establish and build capacity of climate change related responsibilities.

# MODULE 4 DEVELOPMENT BENEFITS

## Salkhit Wind Farm

### MODULE 4. DEVELOPMENT BENEFITS

— Max Area Score — Area Score



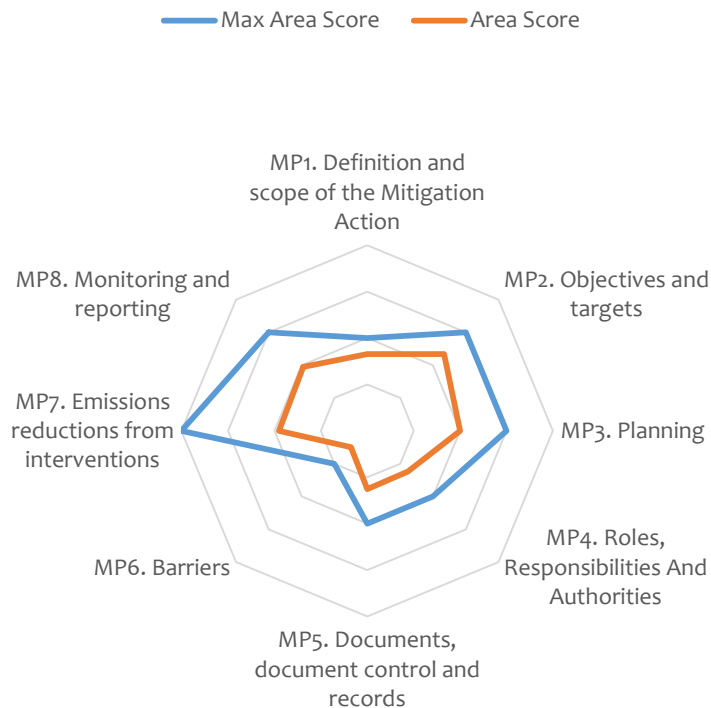
### Potential areas of improvement:

- Description of project contribution to non-GHG and sustainable development benefits (clean energy, electricity)
- Description of prevention of negative impacts.
- Identification of indicators for development benefits and the monitoring system.
- Identification of stakeholders for monitoring development benefits.

# MODULE 1 MITIGATION ACTION PROGRAM

## Salkhit Wind Farm

### MODULE 1. Mitigation Action Program



### Potential areas of improvement:

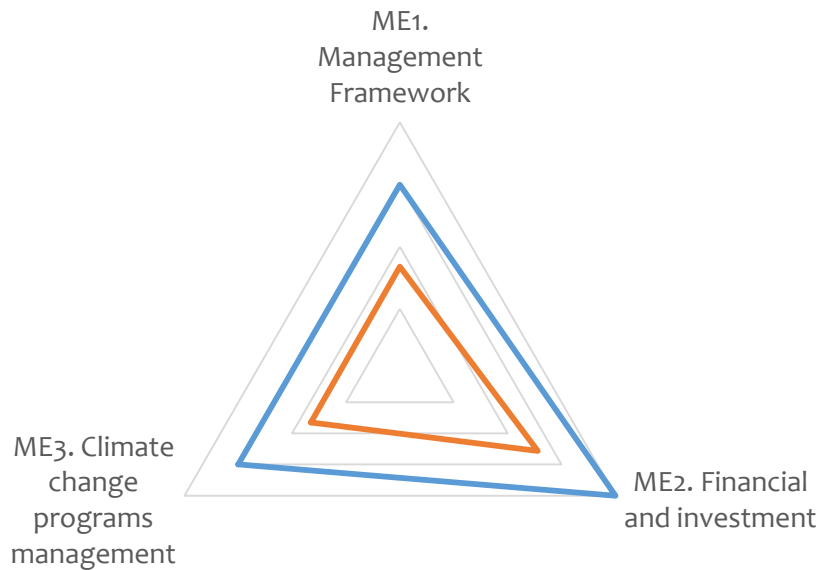
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- Avoidance of double counting.
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- Periodical evaluation of key performance indicators.
- Contribution to development goals.

# MODULE 2 MANAGEMENT ENTITY

## Taishir Hydropower

### MODULE 2. MANAGEMENT ENTITY

— Max Area Score — Area Score



### Potential areas of improvement:

- Promotion of management systems accreditation.
- Establishment of climate change related responsibilities and authorities.
- Methodologies of monitoring and reporting financial flows.

# MODULE 4 DEVELOPMENT BENEFITS

## Taishir Hydropower

### MODULE 4. DEVELOPMENT BENEFITS

— Max Area Score — Area Score

DB1. Development  
Objectives and  
targets



DB3. Monitoring of  
development  
benefits

DB2. Planning and  
participation

### Potential areas of improvement:

- Description of project contribution to non-GHG and sustainable development benefits (clean energy, electricity)
- Description of prevention of negative impacts.
- Identification of indicators for development benefits and the monitoring system.
- Identification of stakeholders for monitoring development benefits.