

# “JCM Model Project” Financing Programme

by the Ministry of the Environment, Japan

*Project development process and tips*

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# JCM Financing Programmes can be used by companies and government agencies

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## JCM Model Project

- Grants **up to 50%** initial investment costs
- **Projects that reduce energy-related CO2 emissions**
- Budget for financing starting from FY 2018 is approx. USD 69 million in total by FY2020
- Can collaborate with JICA or other government-affiliated financial institute

## ADB Japan Fund for JCM (JF JCM)

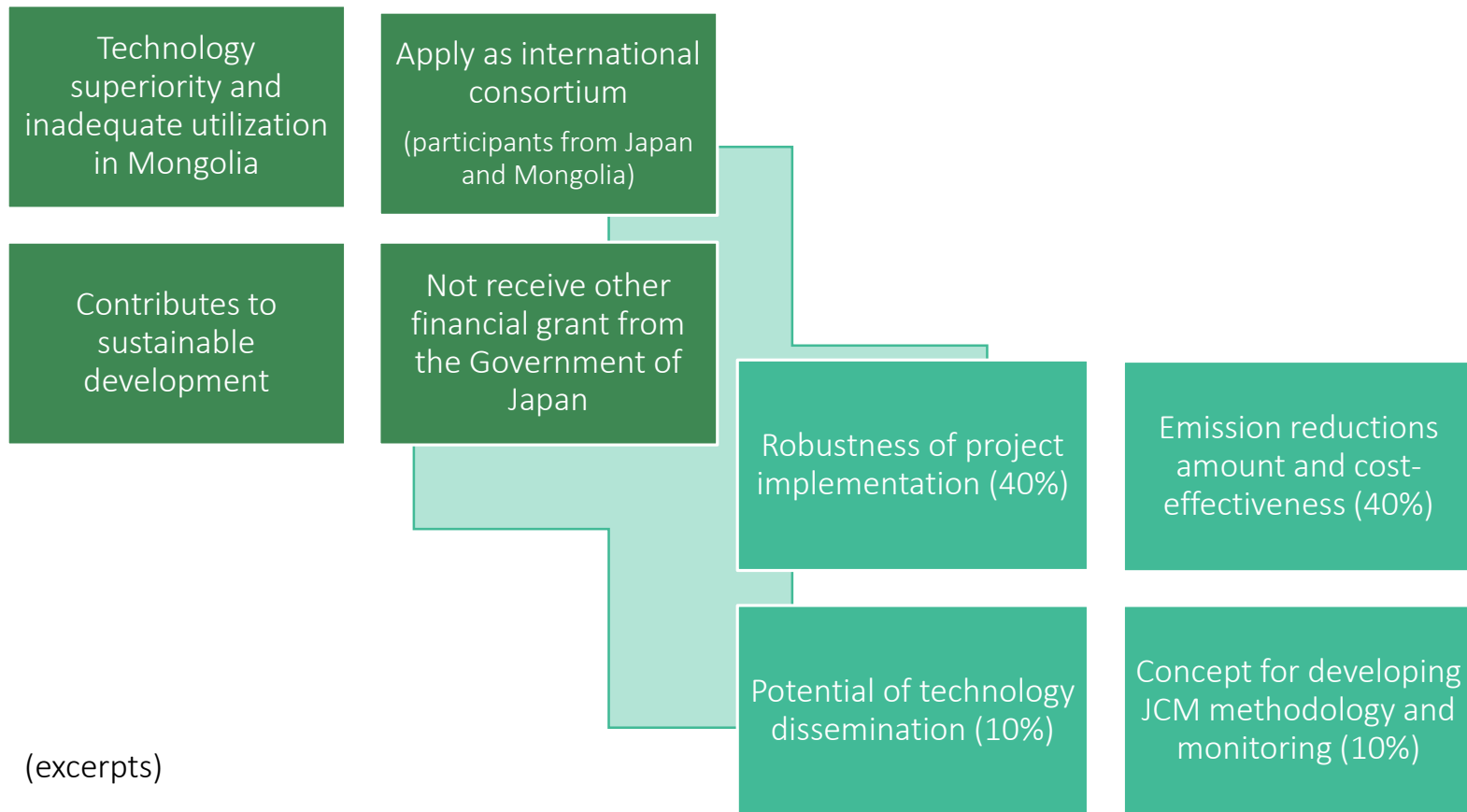
- Asian Development Bank loan combined with from JCM grant
- **Subsidy for loan interest**, for non-government projects, private sector borrowers, and financial institutions.
- Budget for FY2018 is approx. USD 10 million

## JCM F-gas Recovery and Destruction Model Project

- **Projects that recover and destroy F-gas** (GHG except for energy-related CO2 such as hydrofluorocarbons (HFCs), etc.) from used equipment
- Draft budget for FY2018 is approx. 400,000 USD

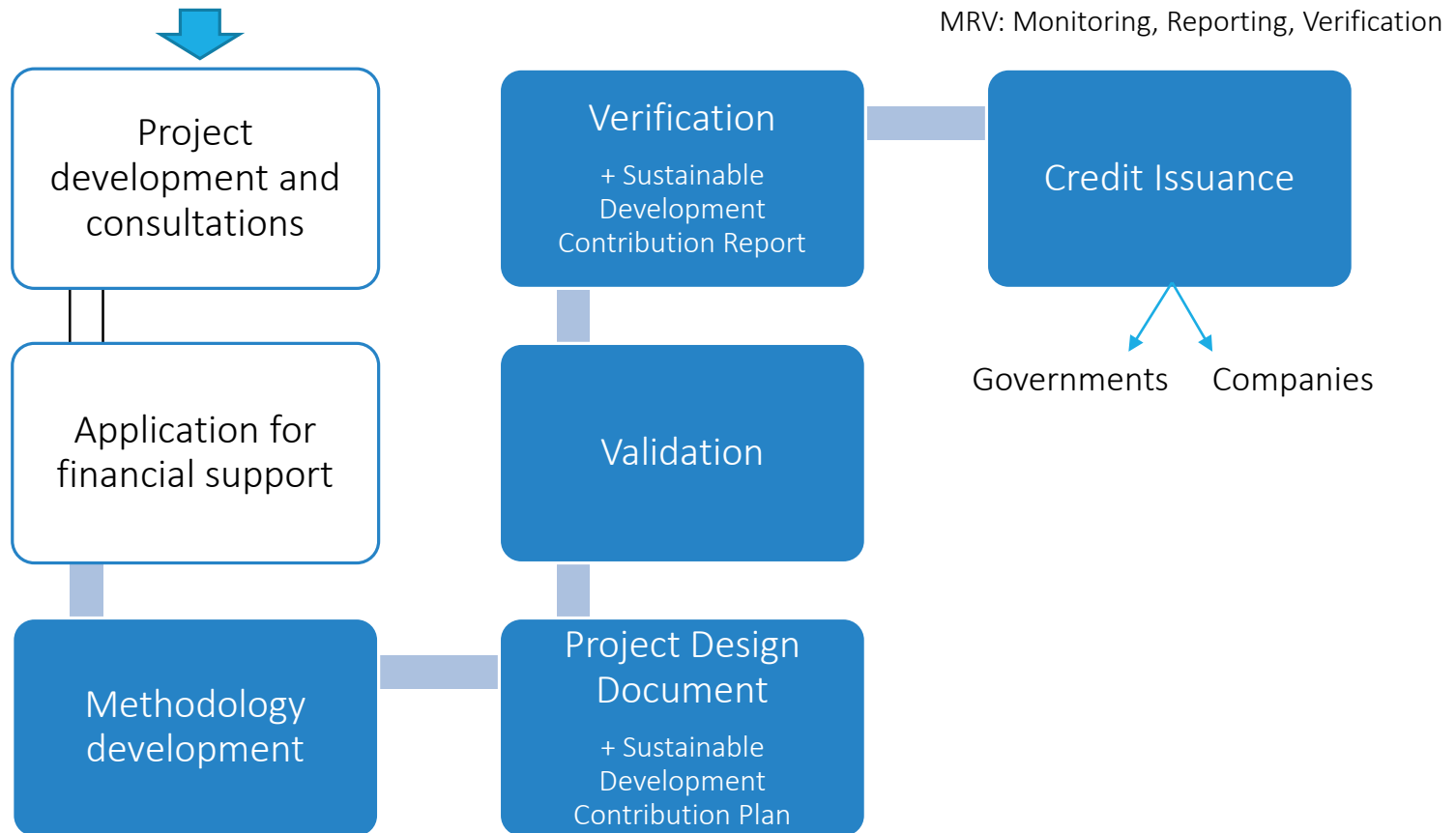
(JCM Financing Programmes by Ministry of the Environment Japan)

# General selection criteria for JCM Model Project Financing Programme



More information: [http://gec.jp/jcm/jp/wp-content/uploads/2018/08/tentative2018\\_Guidelines\\_for\\_Submitting\\_Proposals\\_2nd\\_Call.pdf](http://gec.jp/jcm/jp/wp-content/uploads/2018/08/tentative2018_Guidelines_for_Submitting_Proposals_2nd_Call.pdf)

# Selected projects will also receive technical support throughout MRV project cycle



IGES supports participants of selected projects to develop for more than:  
**40** methodologies | **50** project design document | **18** projects monitoring reports | **13** issuance of credits

# Technologies applied by JCM Model Projects

## Transport 2%

- Digital Tachographs
- Modal Shift
- CNG-Diesel Hybrid

## Waste 2%

- Waste to Energy

## REDD+ 2%

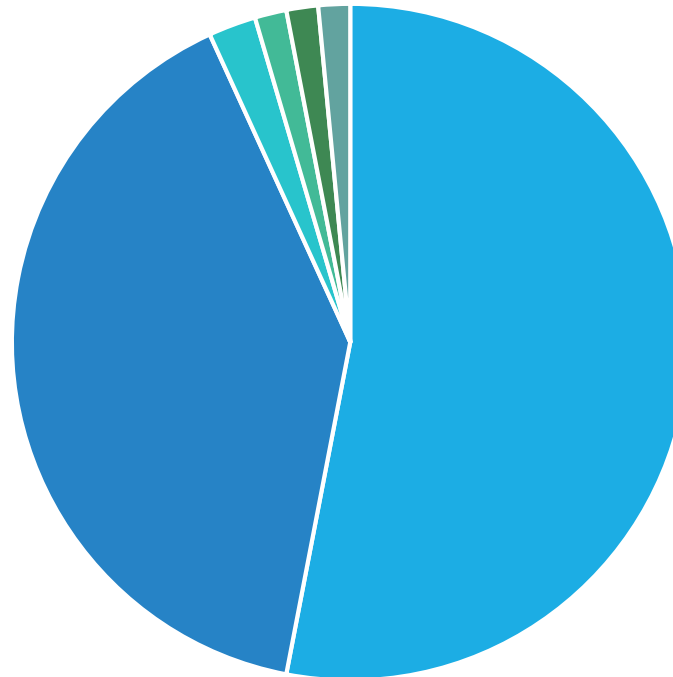
- Controlling slash and burn

## F-gas 2%

- Recovery & Destruction

## Renewable energy 40%

- Solar
- Micro hydro
- Wind
- Biomass



## Energy efficiency 53%

- Boiler
- Air Conditioning
- Refrigerating
- Chiller
- Looms
- Transformer
- Gas Co-generation
- LED Lighting

Source: MOEJ, as of 2 October 2018

# New types of project in Mongolia can get more support

Condition	Eligible JCM financial support (% of investment cost)	Example projects
New project No project using similar technology are already selected in Mongolia	Up to 50%	Solar power plant with battery, heat pump, LED lighting, waste to energy, wind power, etc.
1-3 projects using similar technology are already selected in Mongolia	Up to 40%	High-efficiency boiler
More than 3 projects using similar technology are already selected in Mongolia	Up to 30%	Solar power plant

# Ideas for new JCM Model Project

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**Wind Farm**  
(Kyuden International Corporation)



**Amorphous transformers**  
(Hitachi Materials, Yuko-Keiso)



**Double-bundle heat pump system in building** (Toyota Tsusho)



**Rooftop solar PV**  
AEON Mall, Pacific Consultants, Asian Gateway Corp., etc.



**Solar power and storage battery system for commercial facility**  
(Itochu, AEON Mall, etc.)



**LED street lighting system with wireless network control**  
(MinebeaMitsumi)

# Documents to be prepared for proposal

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- ✓ Project Idea Note
- ✓ Bidding Application Form
- ✓ Declaration by Representative Participant
- ✓ Company information (e.g. brochure) and certificate of incorporation
- ✓ Project Implementation Plan
- ✓ Budget
- ✓ Audited financial statements
- ✓ Draft international consortium agreement
- ✓ Agreement on the Allocation of JCM Credits
- ✓ Other supporting documents

2<sup>nd</sup> Call for Proposal is now open  
(deadline: 30 November 2018)

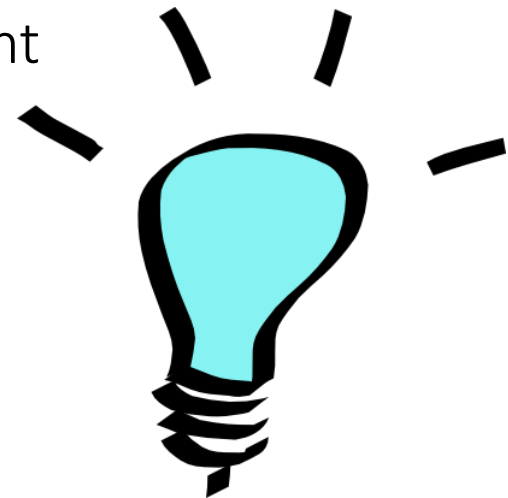




# Tips

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- Aim for new type of technologies to get more benefits
- Contact Japanese companies based in Mongolia
- Focus on cost-effectiveness (cost per tCO<sub>2</sub> reduced)
- Suggested size of a model project is  
USD 500,000 - 20million in financial support
- Attend JCM events by Ministry of Environment  
and Tourism Mongolia



# *Invest in sustainable future*

Call for Proposal on the GEC website: <http://gec.jp/jcm/kobo/>



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