



Implementing the JCM and creating various benefits for stakeholders

Contribution to SDGs by JCM Model Projects

and

Utilization of Guideline on Gender Equality for the JCM

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Global Environment Centre Foundation (GEC)



The Joint Crediting Mechanism (JCM)

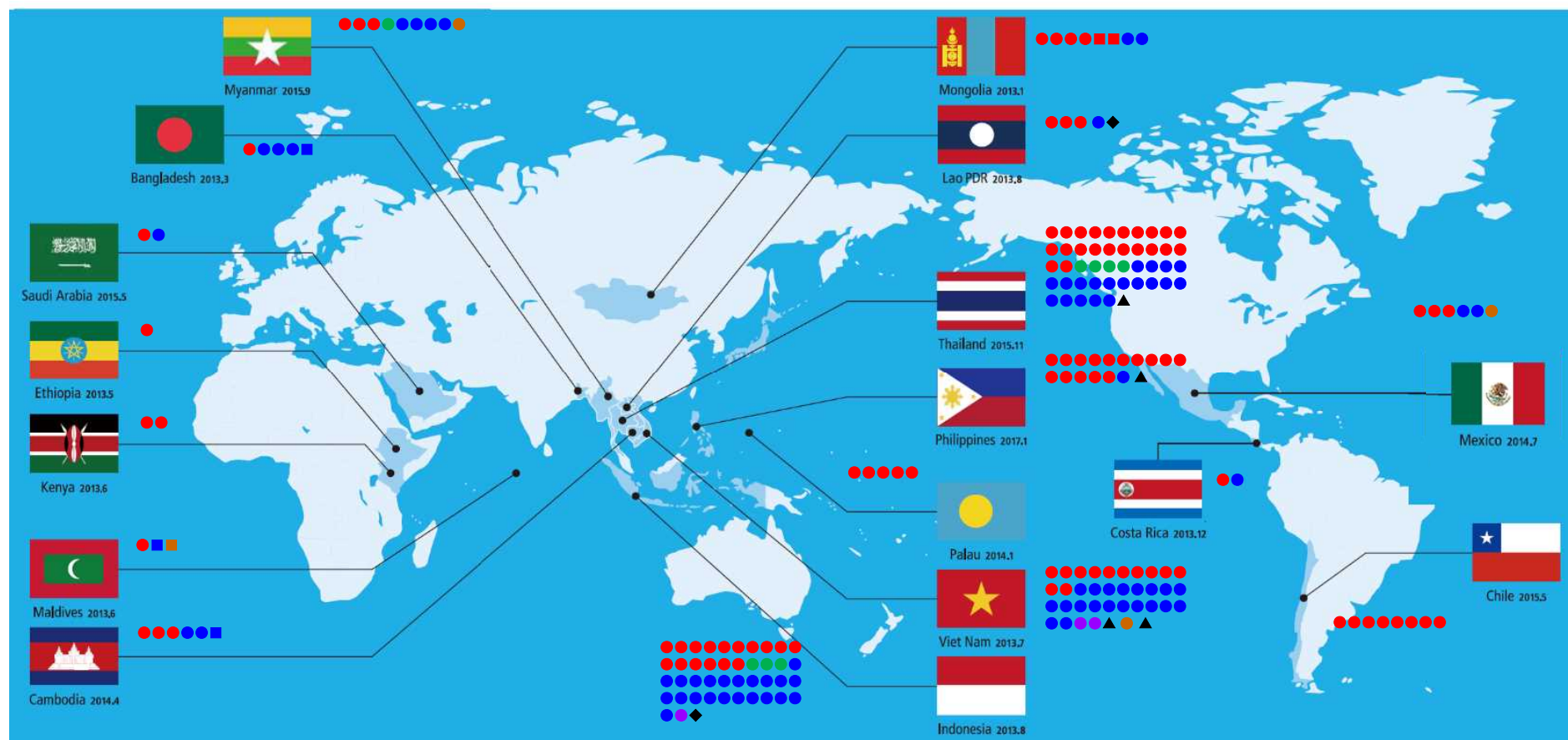
- *Started in January 2013*
- *Established the JCM with 17 partner countries:*

Mongolia, Bangladesh, Ethiopia, Kenya, Maldives,
Viet Nam, Lao PDR, Indonesia, Costa Rica, Palau, Cambodia, Mexico,
Saudi Arabia, Chile, Myanmar, Thailand and Philippines
(as of 7 April 2021)

Basic Concept:

- *Facilitating diffusion of advanced decarbonizing technologies, products, systems, services, and infrastructure as well as implementation of mitigation actions, contributing to sustainable development of developing countries*
- *Appropriately evaluating Japan's contributions to greenhouse gas (GHG) emission reductions or removals in a quantitative manner and using them to achieve Japan and partner countries' NDC emission reduction targets*

Project Map of JCM Financing Programme : as of September 27, 2021



Total 203 projects / 17 countries

(● Model Project:194, ■ ADB:5, ◆ REDD+:2, ▲ F-gas:2)

- Renewable Energy
- Effective Use of Energy
- Energy Efficiency Improvement
- Transport
- Waste Handling and Disposal

Outline of JCM Model Projects FY2021

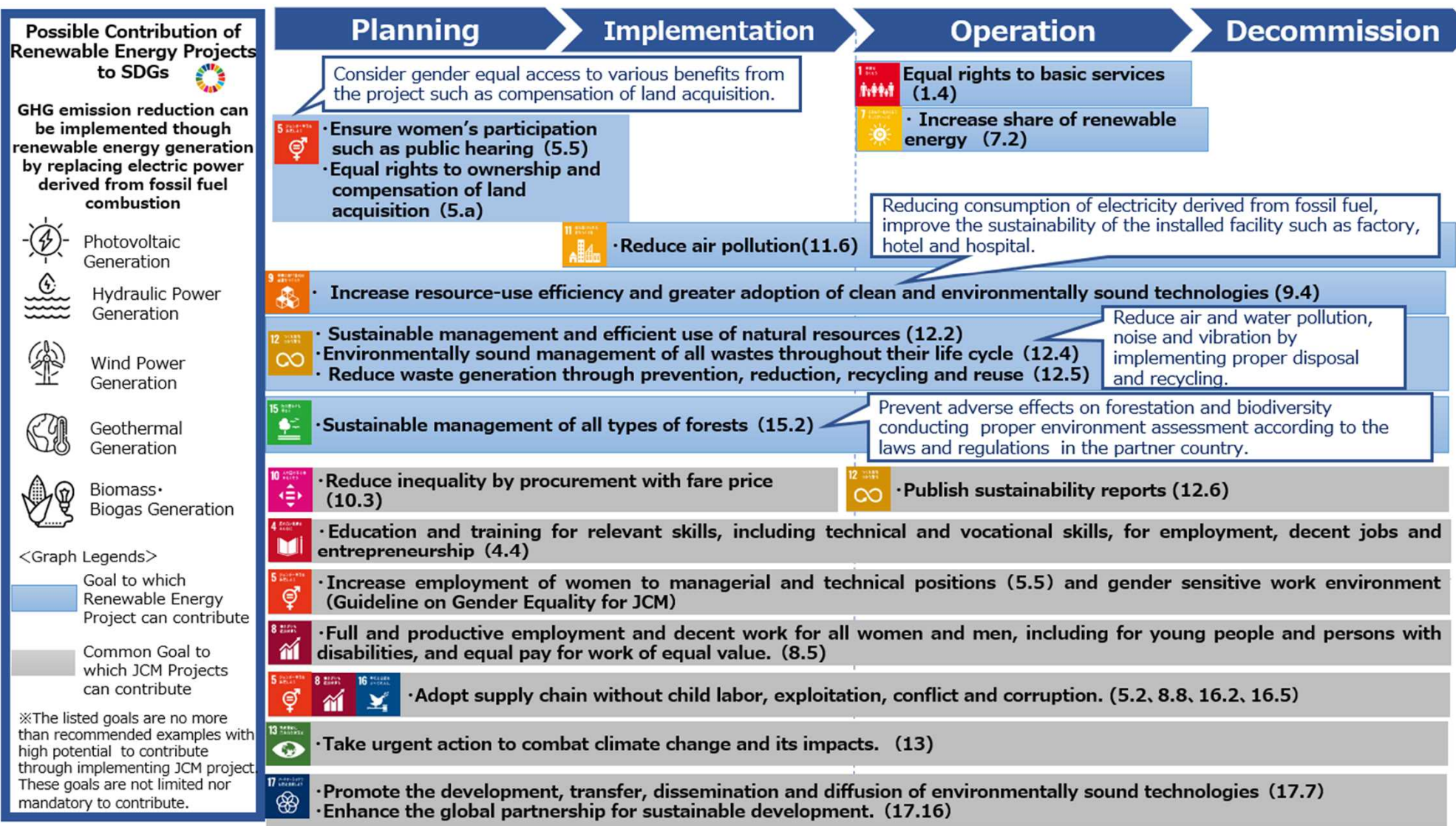


Global Environment Centre Foundation

Budget	Approx. USD83million in total with Demonstrate Decarbonization Technology for Realizing Co-Innovation Program
Executing Entity	International Consortium that consists of a Japanese entity and a JCM partner-country entity(ies)
Scope of Financing	Facilities, equipment, vehicles, etc. which reduce CO2 from fossil fuel combustion as well as construction cost for installing those facilities, etc.
Eligible Projects	Start installation after the Contract of Finance is concluded and finish installation within 3 years.
Maximum percentage of Financial Support	Maximum of 50% and reduce the percentage according to the number of already selected project(s) using a similar technology in each partner country ※ Number of already selected project(s) using a similar technology in each partner country : none (0) = up to 50%, up to 3 (1-3) = up to 40%, more than 3 (>3) = up to 30%. The percentage of financial support will be determined by GEC.
Cost-effectiveness	Cost-effectiveness of GHG emission reductions is expected to be JPY4,000/tCO2eq or better. ※ If the number of similar technological projects in a partner country is 5 or more, the cost-effectiveness is expected to be JPY3,000 or lower. If it is 10 or more, JPY2,500 or lower.

Application
Acceptance
Already
Closed!

Guideline for Submitting
JCM model project proposal



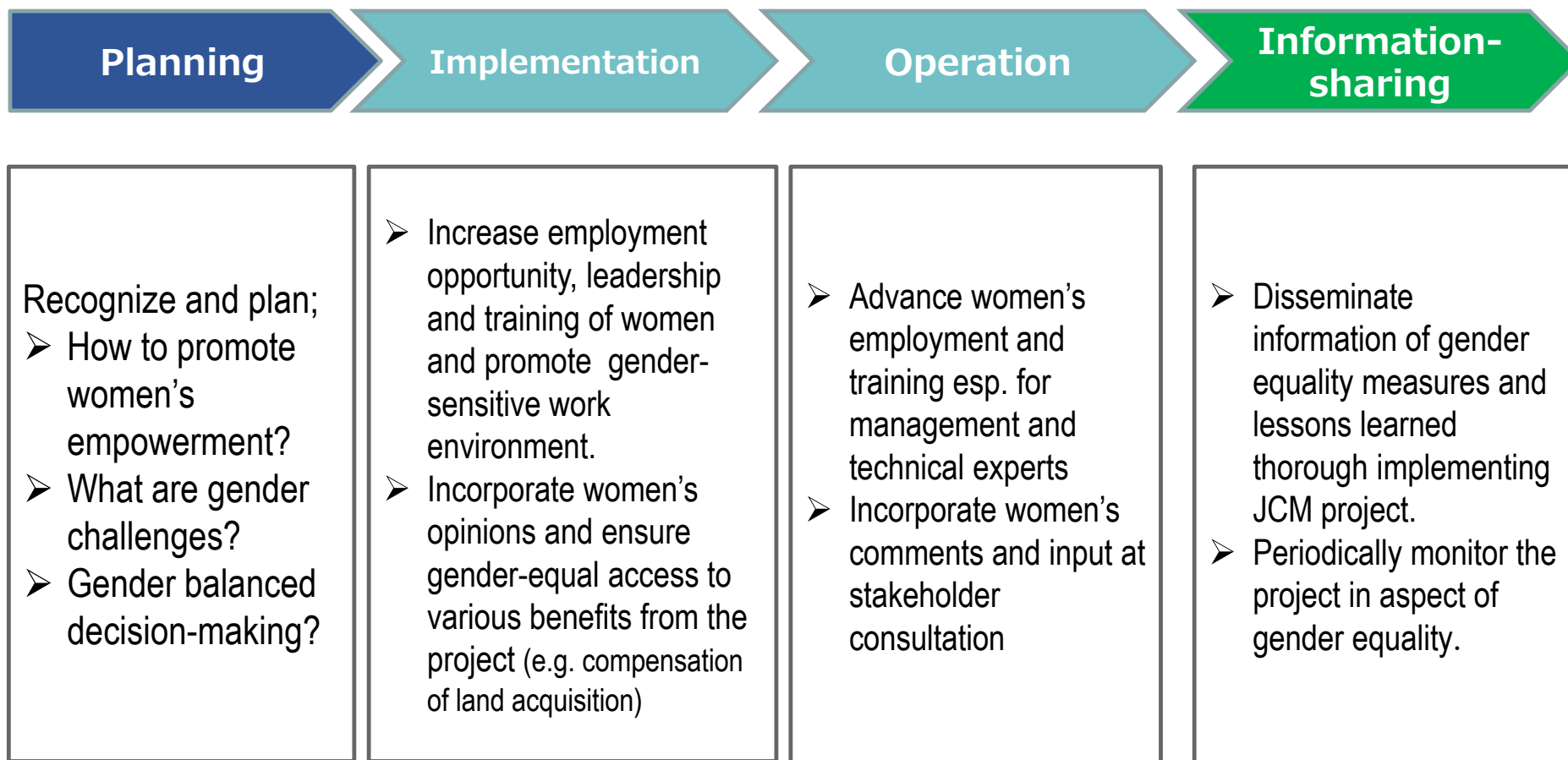
Guideline on Gender Equality for the Joint Crediting Mechanism (JCM)

- Issued in April 2020

■ Basic Principles of Guideline on Gender Equality ■

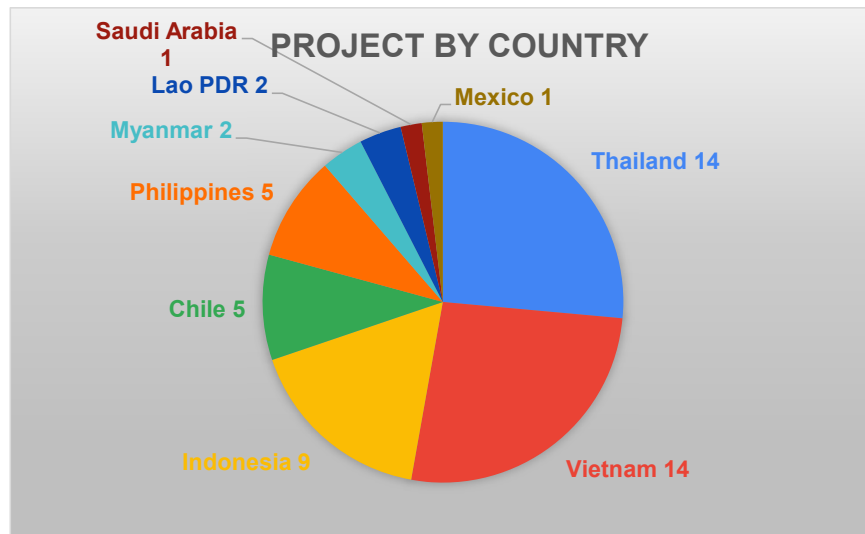
- Women's Empowerment
- Gender-balanced Decision-Making Process
- Women's Health and Well-being

Recommendations for Gender equality at each stage



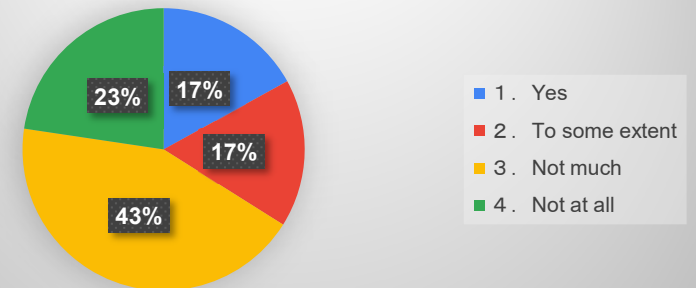
○ Outline of Survey

- Purpose:
 1. To know the awareness of the guideline on gender equality for JCM by the applicants
 2. To see the status of the project implementation following the Guideline
 3. To grasp necessary information and supporting tools to tackle gender issues in the JCM model projects

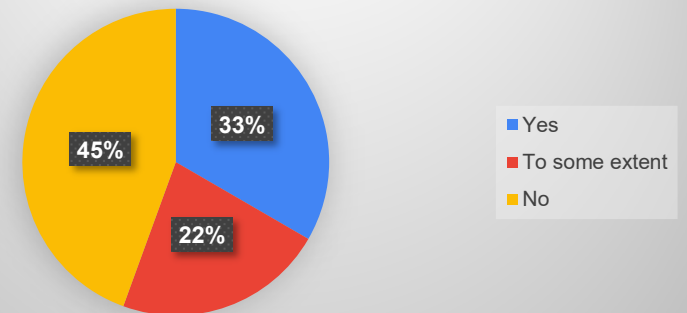


■ Awareness of SDGs and Motivation to apply for JCM model project

Q2. Were you aware of the possibility to contribute to SDGs #5 (Gender Equality) through the JCM model project?

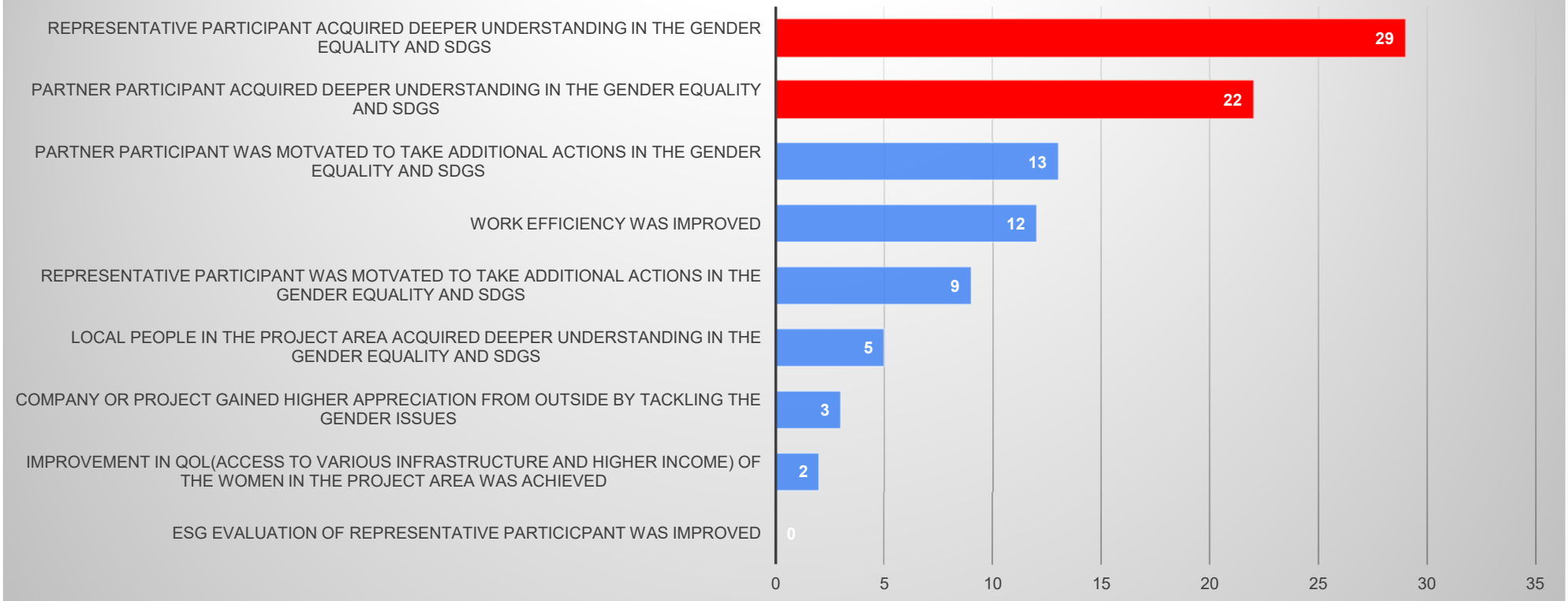


Q3. To those answered "Yes" and "To some extent" in Q2, was it the reason of applying for the Financial Program for JCM model project?



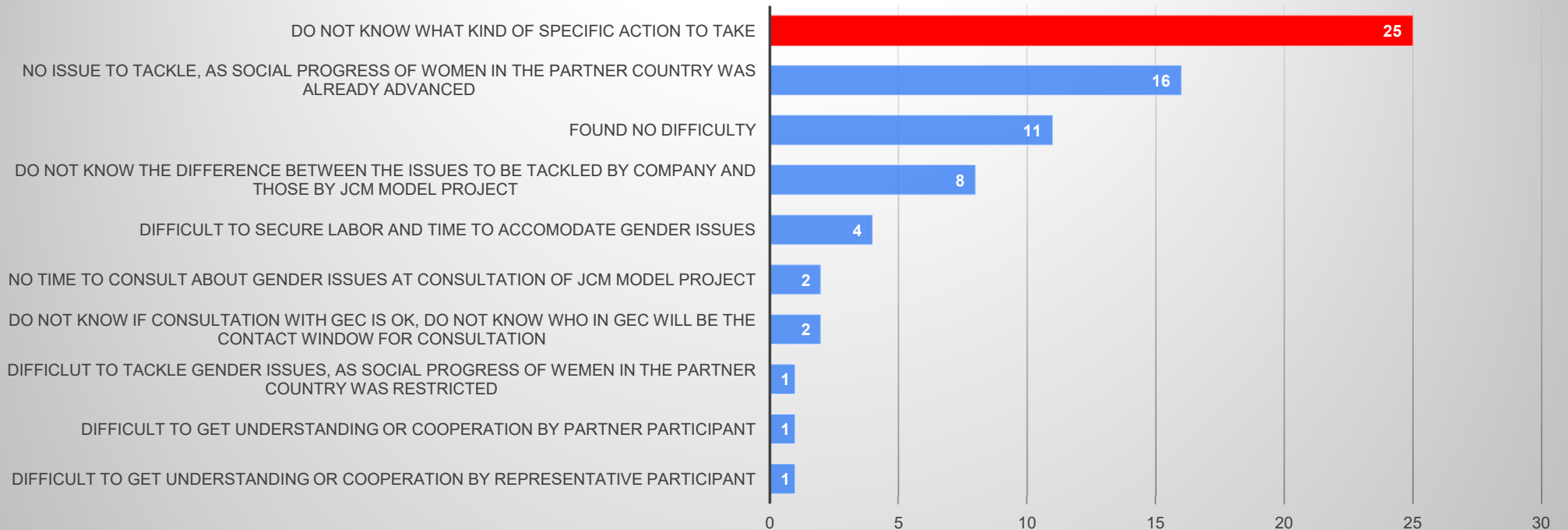
Advantages of Gender Guideline Implementation

Q9. What were advantages of tackling gender issues through JCM model project? (Multiple Choice)

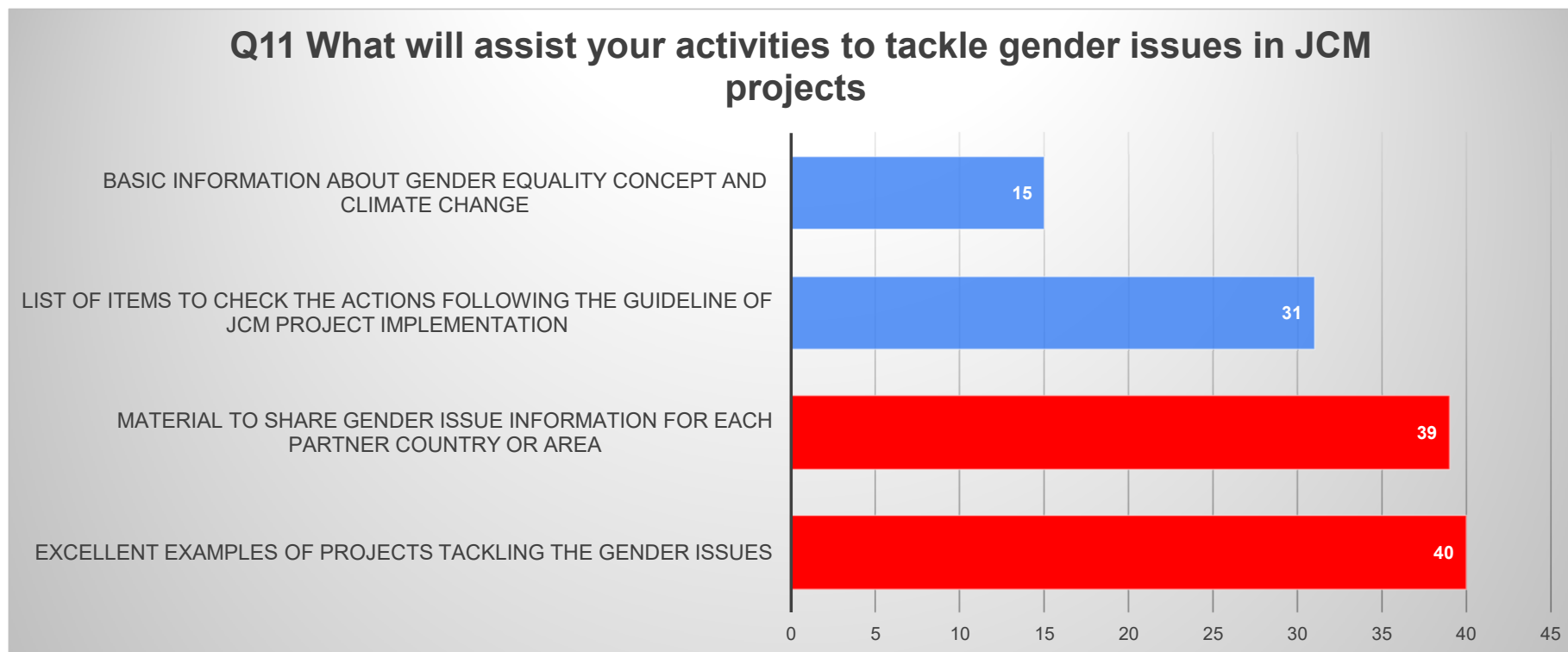


Difficulties of Gender Guideline Implementation

Q10 What was difficult in accommodating gender guideline in the JCM model project?



Promoting Tools for Gender Guideline Implementation

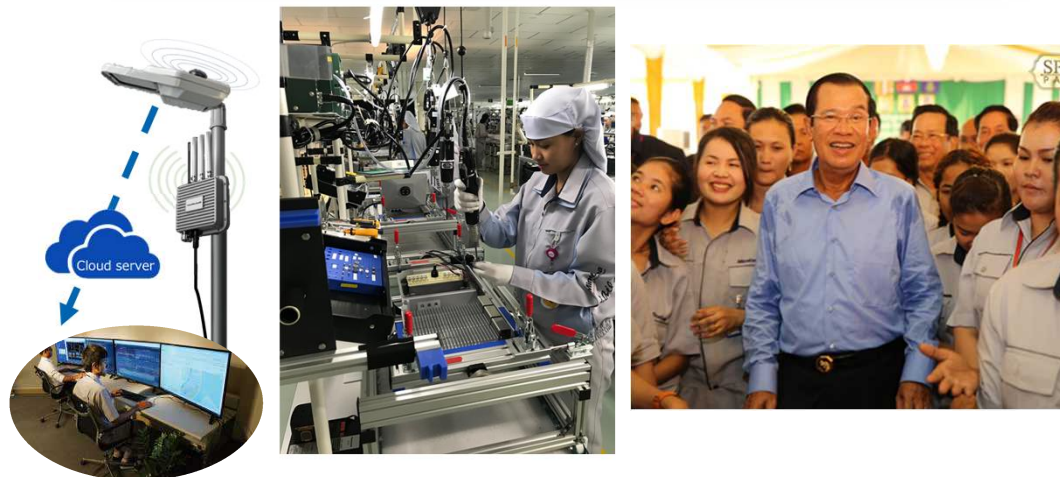


Introduction of High Efficiency LED Lighting Utilizing Wireless Network



- ❑ Project in Cambodia in FY2015
- ❑ Representative Participant:
MinebeaMitsumi Inc.
- ❑ Partner Participant:
Overseas Cambodian Investment Corporation, Siem Reap Provincial Hall, APSARA

- 5,672 units of high efficiency LED Lighting utilizing wireless network technology with centralized control and monitoring of streetlights by wireless network
- Established LED lighting equipment factory for domestic and international market
- Courtesy call with Samdech Prime Minister



Training Opportunity for All Positions

- Technical training to develop highly skilled employees
- Increasing recruitment of bachelor and associate degree
- Fastest education system by overseas training (Over 5,000 trainees)

Khmer language class



Line Leader Training



Computer Training



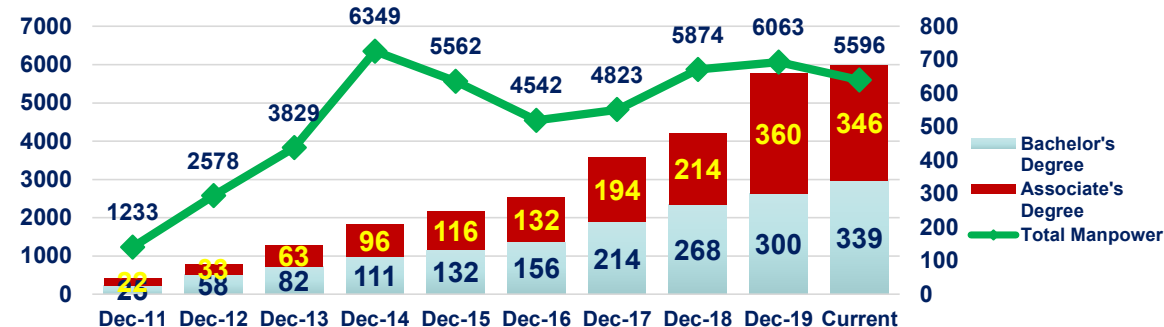
Technical Training



Management Training



Bachelor and associate holders



Fulfill the Sustainable Development Goals (SDGs)

Environment

- Introduction of highly efficient LED streetlights centrally controlled by wireless network
- Additional energy saving by remote dimming control
- Manufacturing for sustainable development and global environment
- Expandability to different smart solutions using various sensor devices



Society

- Introduction of infrastructure with innovative technology
- Job creation by technological transfer in partner country
- Contribution to develop safe and smart city



SUSTAINABLE DEVELOPMENT GOALS



Thank you very much
ありがとうございました

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