

JCM Sustainable Development Contribution Plan Form

A. Project description

A.1. Title of the JCM project

Introduction of 15MW Solar Power System near New Airport
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A.2. Contact information

Name of the focal point entity (ies):	Sharp Energy Solutions Corporation
Name of authorized signatory	Mr. <input type="checkbox"/> Ms. <input checked="" type="checkbox"/>
Last name: Fukahori	First name: Shoko
Title:	Supervisor, Global New Business Promotion Division, Project Business Unit

B. Prevention of Negative Impacts and Possible Contribution to Sustainable Development

B.1 Plan for prevention of negative impacts and for possible contribution to SD

No.	Items	Questions	Yes/No	If answer is Yes, please describe the action plans.
1	Policy alignment	Does the proposed project fail to align with current domestic policies or programs that are relevant to its sector, technology, and/or geographical area?	No	
2	Environmental Impact Assessment (EIA)	Does the proposed project require official/legal process of EIA?	Yes	The project has passed the requirements for EIA under the Law on Environmental Impact Assessment of Mongolia in 2015.
3	Pollution Control (No need to answer if EIA is required)	Does the proposed project emit air pollutants?	No	
4		Does the proposed project discharge water pollutants or substances which influence BOD, COD or pH, etc.?	No	
5		Does the proposed project generate waste, including electronic waste and refrigerants? (If answer is yes, please include waste management plan as an action plan)	No	
6		Does the proposed project increase noise and/or vibration from the current level?	No	
7		Does the proposed project cause ground subsidence?	No	
8		Does the proposed project cause odor?	No	
9	Safety and health	Does the proposed project create hazardous condition for local communities as well as individuals involved in the project, during either its construction or its operation?	No	
10	Natural Environment and biodiversity	Is the proposed project site located in protected areas designated by national laws or international treaties and conventions?	No	
11		Does the proposed project change land use of the community and protected habitats for endangered species designated by national laws or international treaties and conventions?	No	
12		Does the proposed project bring foreign species?	No	
13		Does the proposed project include construction activities considered to affect natural environment and biodiversity (e.g., noise, vibrations, turbid water, dust, exhaust gases, and wastes)?	No	
14		Does the proposed project use surface water, ground water and/or deep ground water?	No	
15	Economy	Does the proposed project have negative impact on local	No	

No.	Items	Questions	Yes/No	If answer is Yes, please describe the action plans.
		workforce capacity?		
16		Does the proposed project have negative impact on local community's welfare?	No	
17	Social Environment and Community Participation	Does the proposed project cause any resettlement or other types of conflict?	No	
18		Does the proposed project fail to involve activities to respond to, and follow up, comments and complaints that can be received from local communities, particularly from the public consultation?	No	
19		Do the project participants violate any laws and/or ordinances associated with the labor and working conditions of local communities which the project participants should observe in the project?	No	
20	Technology	Does the proposed project fail to involve activities to build capacity of human resources directly involved in the project operation on operation and maintenance through technology transfer, trainings, and technical assistance?	No	
21		Does the proposed project fail to provide information of technology used in the project that consists of technology specification, manual book, and ways to overcome problems that can occur when being operated on the site, in English and in Mongolian language?	No	
22		Does the proposed project fail to plan the activities to develop human resources abilities for the local community involved in the preparation stage of the project, including construction and installation of technology?	No	

C. Potential contribution to Sustainable Development Goals

C.1 Identified potential contribution to SDGs

SDG No.	Which of the SDG(s) below can the project identify itself as potentially contributing to?	Potential contribution identified	If identified, please describe the potential contribution.
1	End poverty in all its forms everywhere	<input type="checkbox"/>	
2	End hunger, achieve food security and improved nutrition and promote sustainable agriculture	<input type="checkbox"/>	
3	Ensure healthy lives and promote well-being for all at all ages	<input checked="" type="checkbox"/>	By introducing solar power to replace fossil fuel based electricity, and reducing air pollutants from fossil fuel combustion, the project promotes healthy living and well-being for the community. (effective for Target3.9)
4	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	<input type="checkbox"/>	
5	Achieve gender equality and empower all women and girls	<input checked="" type="checkbox"/>	SPC for this project has one female employee. She is following the accounting work and has important responsibility for company's management.
6	Ensure availability and sustainable management of water and sanitation for all	<input checked="" type="checkbox"/>	The water demand associated with power generation by solar PV system is significantly smaller than the water demand for thermal power generation. As such, the project enhances the efficiency improvement of the valuable freshwater resources utilization within the country. (effective for Target 6.4)
7	Ensure access to affordable, reliable, sustainable and modern energy for all	<input checked="" type="checkbox"/>	By introduction of the renewable energy into Mongolia, the project contributes to (1) the improvement of the energy portfolio (2) decreasing of the fossil fuel dependency of the country and (3) reduction of the CO ₂ emission. (effective for Target7.2, Target7.3, and Target7.a)
8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	<input type="checkbox"/>	
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	<input checked="" type="checkbox"/>	The project contributes to the sustainable development of Mongolia, through increased resource-use efficiency, and adoption of clean and environmentally sound technology. (effective for Target 9.4)
10	Reduce inequality within and among countries	<input type="checkbox"/>	
11	Make cities and human settlements inclusive, safe, resilient and sustainable	<input checked="" type="checkbox"/>	By substituting part of fossil fuel based power in the country, the project reduces the adverse environmental impact of cities, including air quality. (effective for Target 11.6)
12	Ensure sustainable consumption and production patterns	<input checked="" type="checkbox"/>	The project contributes to reducing fossil fuel consumption. (effective for Target 12.2)
13	Take urgent action to combat climate change and	<input checked="" type="checkbox"/>	The project reduces GHG emissions in Mongolia by substituting fossil fuel based electricity

SDG No.	Which of the SDG(s) below can the project identify itself as potentially contributing to?	Potential contribution identified	If identified, please describe the potential contribution.
	its impacts		generation. In addition, providing know-how for operation of renewable power generation, the project contributes to the improvement on human and institutional capacity on climate change mitigation. (effective for Target13.3)
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	<input type="checkbox"/>	
15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	<input type="checkbox"/>	
16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	<input type="checkbox"/>	
17	Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development	<input checked="" type="checkbox"/>	The project promotes the transfer, dissemination and diffusion of environmentally sound technologies in Mongolia. (effective for Target17.7)

References