



23 October 2008

Report of the Stakeholder Consultation for Gold Standard Retroactive Accreditation of Hebei Shangyi Manjing West Wind Farm Project (GS 418)

1. Background

The Hebei Shangyi Manjing West Wind Farm CDM Project is being developed by Guohua (Hebei) Renewable Energy Co. Ltd and Carbon Resource Management Ltd (CRM). The project participants are planning to register it as a retroactive Gold Standard (GS) CDM Project. As the project has already been put into construction, the retroactive registration procedure outlined in the “Gold Standard Manual for CDM Developers” has been followed.

The Stakeholder Consultation for the Gold Standard retroactive accreditation of the Hebei Shangyi Manjing West Wind Farm Project was organized according to the guidelines of the of “Gold Standard Manual for CDM Developers” and the outcome of the Pre-Feasibility Assessment from the GS-TAC. Project proponents invited all the previous stakeholders and other stakeholders; provided information on the CDM, GS and sustainable indicators of the sustainable development matrix; clarified their concerns raised in the first stakeholder consultation and welcome any further comments. A video was made of the meeting.

The Stakeholder Consultation for the Hebei Shangyi Manjing West Farm Project was held in conjunction with the Stakeholder Consultation for Hebei Shangyi Manjing East Wind Farm Project. This is because the wind farm projects are two phases on the same site which are owned and operated by the same project owner, Guohua (Hebei) Renewable Energy Co. Ltd.

2. Details of the Meeting

2.1 Notices and Invitations

- a) Meeting notices were posted in prominent positions in residential area on 7 October 2008:
- b) A representative of the project owner went to the residential areas nearest the site in order to tell local stakeholders about the meeting. He took the opportunity to inform them about the project in a non-technical way and encouraged them to attend the meeting.
- c) A notice was also posted on the website of CRM:
<http://www.carbonresource.com/meeting.htm#D>
- d) Invitations were sent to various local governmental offices.
- e) Ten written invitations were emailed to GS and the following supporting NGOs: WWF, Greenpeace, GEI and Mercy Corps.

2.2 Date and Venue

Time of the meeting: 14:30-17:30, 16th October 2008

Venue: Meeting room of Kangleng Township Government, Shangyi County

2.3 Participants

The following persons attended the meeting:

Name	Organisation	Function
Li Zao	Guohua (Hebei) Renewable Energy Co.Ltd	Project owner representatives
Yan Wenming	Guohua (Hebei) Renewable Energy Co.Ltd	
Cheng He	Guohua (Hebei) Renewable Energy Co.Ltd	
Ding Lin'en	CRM	Project proponent representative
Huang Yihai	Office of Kangleng Township Government	Local policy makers
Tong Wenxue	Kangleng Township Government	
Zhao Biao	Development and Reform Commission, Shangyi County	

Yan Xiaodong	Bureau of Environmental Protection, Shangyi County	
Liu Deman	Bureau of State Land and Resources, Shangyi County	
Zang Jinlu	Office of Shangyi County Government	
Li Youwang	Office of Shangyi County Government	
Li Jinyu	Politics and Law Commission, Shangyi County	
Cao Yubin	Kangleng Township Government	
Tan Zhe	Kangleng Township Government	
Wang Zhijun	Kangleng Township Government	
Cheng Fengxiang	Kangleng Township Government	
Fu Yuankuan	Village representative	
Yang Zhanhe	Village representative	
Liang Sheng	Village representative	
Zhu Jun	Village representative	
Zhou Jianzuo	Village representative	
Li Jubin	Village representative	
Ren Zhanhe	Village representative	
Guo Dianke	Village representative	
Shang Tianqing	Village representative	
Yang Yongxin	Village representative	
Wang Wenyuan	Village representative	
Guo Yongmei	Village representative	
Sun Ai	Teacher	
Xing Jun	Teacher	
Li Hongwen	Village representative	
Wang Shuying	Teacher	
Li Jie	Teacher	
Qiao Xiang	Teacher	
Xu Can	Teacher	

Zhang Qingchun	Teacher	
Xi Jiaming	Village representative	
Zheng Guoli	Village representative	
Hang Yuhe	Village representative	
Tong Hua	Village representative	
Huo Xiu	Village representative	
Hu Xianli	Village representative	
Gong Wanhou	Village representative	

2.4 Language

Mandarin Chinese (local language)

2.5 Proposal of the Meeting

- a) The agenda, questionnaires, details of sustainable development indicators and other documents would be distributed before the meeting. Then there would be an introduction of the meeting.

- b) Representatives from Guohua (Hebei) Renewable Energy Co.Ltd would introduce their company and give details about the project and the development of the CDM. Also, information about the environmental and social impacts of the project would be provided, as well as details of the mitigation measures which had be carried out during the building and operation of the project.

- c) Mr Ding from CRM would give further details about the CDM, Gold Standard, Opportunity for Chinese Enterprises, sustainable development indicators and the dissemination and collection channels of the stakeholder consultation.

- d) Questions and Answers

- e) Discussion

f) Completion of Questionnaires

2.6 Summary of the Meeting

a) Representatives from Guohua (Hebei) Renewable Energy Co.Ltd, introduced the participants and meeting purpose, the operational conditions of the project and impacts on the environment and residents. He explained that the project had adopted effective environmental protection measures to reduce negative effects during the construction and operation period. Wind power is a clean energy source, which will help to reduce fossil fuel consumption and emissions of waste gases. Meanwhile, the project provides job opportunities and increases local tax revenues, which can bring good social and environmental benefits. Finally, he declared that his Company would cooperate with CRM for GS retroactive accreditation.

b) Mr. Ding from CRM provided background information about the CDM, GS and sustainable development indicators of the sustainable development matrix. He also explained that this was the stakeholder consultation for Gold Standard retroactive accreditation. All the previous and other stakeholders were invited, and their previous concerns would be clarified.

c) Questions and Answers:

Question 1 (Local resident) What is CDM?

Answer (CRM) The Clean Development Mechanism (CDM) is an arrangement under the Kyoto Protocol allowing industrialized countries with a greenhouse gas reduction commitment (called Annex 1 countries) to invest in projects that reduce emissions in developing countries as an alternative to more expensive emission reductions in their own countries.

(Project owner) As we know, wind power is a green energy source.

However, it is unlikely that companies implement wind farm projects without the support that CDM provides. This is due to the higher investment, lower profit and greater risk of wind farms projects when compared with thermal plants, which mainly depend on fossil fuels. So, wind farm projects usually would not occur without the additional incentives provided by credit emission reductions. In order to get capital support from developed countries, we are applying for registration with both the CDM and GS.

- Question 2 (Teacher) What benefits have been brought to our local people?
Answer (Local official) Wind power is an important industry for Shangyi County. It not only promotes the development of local tourism and transportation, but also creates employment and increases local taxes and financial revenue for the local government.
(Local resident) We were employed in the wind farm during the construction phase. We got additional income, and feel very happy about that.
- Question 3 (Local resident) Has the project had a negative impact on birds?
Answer (Project owner) The wind farm is not on a migration route for birds, and there are few birds here, so there has been little impact on the local birds.
- Question 4 (Teacher) What are the main issues of GS?
Answer (CRM) Additionality and sustainable development. This means that there are stringent requirements imposed to ensure that projects are environmentally, socially, economically and technologically sustainable. Gold Standard requires a number of additional steps compared to a conventional CDM project.
- Question 5 (Local resident) May the project have had a negative impact on the human health during the construction and operation phases?
Answer (Project owner) No. The wind farm was chosen in a remote area from local residents and herders and with full consideration of them. A little noise is produced by the wind turbines. However, it weakens

quickly, so there has been no negative impact on the local residents. Also, the project radiant intensity is so weak that there has been no negative impacts on the local residents.

Question 6 (Local resident) May the project have affected the water quality since being in operation?

Answer (Project owner) No. Operation of the wind turbines does not affect water quality. Furthermore, the waste water and garbage produced from the daily office work of employees is negligible, and has had virtually no impact on the environment. Sewage is used for the irrigation of vegetation near the wind farm and has not been discharged into the river. So the operation has not affected the local water quality.

Question 7 (Local resident) Has the wind farm had a negative impact on local wild animals?

Answer (Project owner) There are no national or protected wild animals here. Only small animals and birds live here and they move to a similar living environment nearby if they are disturbed. It is very easy for animals to find a similar living environment because the site is surrounded by empty land.

Question 8 (CRM representative) Do the turbines work well?

Answer (Project owner) The wind turbines work well at safe and stable operation levels and there have been no accidents since the project has been put into operation. Wind turbines of the highest quality were selected for this wind farm.

Question 9 (Local official) Vegetation would have been damaged because of excavation for a fan base and fan assembly during the construction phase. How was vegetation affected?

Answer (Project owner) We moved away all the temporary equipment after completion of construction, and took measures to recover the vegetation as per the request of the local government and as described in the EIA. For example, after completion, we sowed vegetation

seeds. The damaged vegetation grew well, and in some areas it now looks better than before. Local residents know this well, so why don't we listen to their views?

(Local resident) We live nearby here, and often go across the wind farm. I can confirm that the vegetation has indeed recovered. The green fields, wind turbines, blue sky, and white clouds form a beautiful skyline.

Question 10 (Local official) What do you think of the project owner's work?

Answer (Local resident) The project owner took the benefit of the common people into consideration and paid great attention to environmental protection. Also, he improved our local infrastructure, for instance, some new village roads were built. In addition, the project owner introduced the project to us, and consulted our views before the construction of the project. The development of the project has really benefited the local economy and our living standard. We are very happy about the project.

d) Discussion

(Government representative) Hebei Shangyi Manjing West Wind Farm Project will produce green energy, reduce emissions and significantly decrease the negative impacts otherwise caused by fossil-fuel power plants, as outlined in the Environmental Impact Assessment. It will not only increase the power supply, accelerate the wind farm industry and reduce emissions of other waste gases, but also provide job opportunities and increase local tax revenues and financial income, which will all bring good social and environmental benefits. The project owner had fully listened to stakeholders' views, and carried out construction, operation and maintenance in a safe, efficient and clean manner. The government supports the development of GS retroactive registration and is willing to provide the necessary assistance for GS accreditation.

e) Completion of Questionnaires

All stakeholder questionnaires were completed and collected. In total 34 questionnaires were collected.

The CRM representative asked all the participants whether there were any further questions or issues about the meeting content, or if any questions in the questionnaire needed clarification. He explained that the notes of this meeting would be made available and that related documents could be obtained from the project owner. Finally, all participants were thanked for their presence and opinions.

3. Findings of the Questionnaire

3.1 Participants

Basic Information		Number	Percentage
Sex	Male	29	85.3%
	Female	5	14.7%
Age	20-29	1	3.0%
	30-39	13	38.2%
	Above 40	20	58.8%
Education	Under junior high school	8	23.5%
	Senior high school	10	29.4%
	University	16	47.1%

3.2 Summary of the Findings

- a) 58.8% participants knew about the project
- 41.2% participants felt they knew a lot about this project

- b) Before the meeting, 70.6% participants knew about the CDM, 29.4% participants did not know about the CDM.
- c) 94.1% participants did not believe the project would have negative effects on the local environment. Among those thought it would:
- 5.9% thought noise may disturb the local environment
 - 100% do not believe the project would bring any significant negative impacts on the local environment.
- d) 100% participants thought the project owner had carried out construction, operation and maintenance in a safe, efficient and clean manner.
- e) 100% participants thought project owner had fully listened to their views during construction and operation phases.
- f) 100% of the participants believed the project would benefit the local economy:
- 91.2% thought it would bring more work opportunities
 - 58.8% thought it would reduce the local electricity shortage
 - 64.7% thought it would reduce environment pollution
 - 70.6% thought it would benefit the development of local tourism
 - 91.2% thought it would reduce poverty, increase tax income and improve the economy.
- g) Among those who thought the project would change the local living standard:
- 85.3% thought it would increase income
 - 61.8% thought it would guarantee a better electricity supply
 - 44.1% thought it would improve the traffic situation
 - 76.5% thought it would improve the air quality
 - 85.3% thought it would increase work opportunities

- 76.5% thought it would improve the quality of life.

h) 100% participants thought the project would bring positive changes.

i) 100% participants agreed to the construction and operation of the project.

4. Further Feedback

Based on the discussions during the meeting, the project owner has given further feedback to several issues:

About the findings relating to negative impacts (outlined in 3.2(c) above), none thought the project would bring a serious negative impact.

The windfarm was chosen in a remote area from the local residents and herders at the time of selecting the location of this wind farm. A little noise is produced by the wind turbines, however, it weakens quickly, so there has been no negative impact on the local residents.

The project site is far from the residential areas and electromagnetic radiation weakens quickly, so there will be no negative impact on the local residents.

There are no national or protected wild animals here. Only small animals and birds live here and they will move to a similar living environment nearby if they are disturbed. It is very easy for animals to find a similar living environment because the site is surrounded by empty land.

The wind farm is not on a main migration route for birds, and there are a few birds here, so I believe the wind farm has had virtually no impact on the local birds.

All the participants at the meeting gave a positive assessment on the environment, as well as the social and sustainable impacts of the project. Also, the participants thought the project owner had fully listened to their views, and carried out construction, operation

and maintenance in a safe, efficient and clean manner. Finally, he reiterated that the participants of the stakeholder meeting had supported the project construction unanimously and there had been no serious dissenting opinions.

For any further questions, opinions and suggestions, please contact:

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