Gold Standard Local Stakeholder Consultation Report

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SECTION A. Invitations

A.1. Invitation tracking table

Invitation tracking table is attached in ANNEX 1

Category Code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	Guan Yin Residents Representatives Association	Ou, Dao-Xin	Invitation Letter sent via Post	01-10-2008	Y
B	Guan Yin Township Office	Mai-Lv, Guo-Zhi	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Xu, Xiu-Bin	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Xie, Chun-Wen	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Chen, Shun-Lang	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Liao,Zhen-Jian	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Zeng, Xian-Long	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Zhuo, Sheng-Shen	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Ni, Yong-Quan	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Huang, Yuan-Ri	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Zhang, Zhao-Mei	Invitation Letter sent via Post	01-10-2008	Y
A	Local Residents	Peng, Shi-Gao	Invitation Letter sent via Post	01-10-2008	Y
D	Environmental Quality Education		Invitation Letter sent	01-10-2008	Y

	Foundation		via Post		
F	The Climate Group	Josh Harris	Email Invitation	03-10-2008	N
F	Green Peace	Steve Sawyer	Email Invitation	06-10-2008	N
F	Mercy Corps	Dorothy McIntosh	Email Invitation	06-10-2008	N
F	WWF Hong Kong	Lim Salter	Email Invitation	03-10-2008	N
	Secretariat of Gold Standard		Email Invitation	03-10-2008	N

A. 2. Invitation text

Email Invitation

Dear Secretariat of Gold Standard,
Dear GS Local/Global Supporters,
Dear Sir/Madam who it might concern,

Guanwei Wind Power Co. Ltd., Taowei Wind Power Co. Ltd., and South Pole Carbon Asset Management Ltd. are inviting you to attend the Local Stakeholder Consultation meeting for "Guanyin Wind Farm" project" and "Hsinwu Wind Farm" project". The proposed VER projects plan to apply for the Gold Standard.

To be fully in line with the GS rules and regulations we would like to invite the Gold Standard, local Gold Standard Supporters and local NGOs to attend and participate to the Local Stakeholder Consultation Meeting. Per local invitees' request, this meeting will be re-scheduled (previously scheduled at 10:00 am on Oct. 4th, 2008) and held at the same venue, 82 Chung-Cheng Road, Guanyi Village, Guanyin Township, Taoyuan, Taiwan (桃園縣觀音鄉觀音村中正路 82 號), at 10:00 am on Oct. 17, 2008.

Please find attached the following information and documents regarding the above-mentioned project:
* Meeting invitation in local language (Chinese)
* Non-technical summary of the project in local language (Chinese)
* Gold Standard Passport draft (English)

We would be pleased if you could attend our meeting as scheduled above.

If you have anything further question, please kindly send an e-mail or a letter to the address as below.

Thank you very much in advance.

Invitation in Local Language (sent by post to locals)

各位先生、女士：

您好！

鑒於“桃園縣觀音鄉及新屋鄉風力發電專案”意向申請成為黃金標準之減碳專案，故與瑞士南極碳資產管理股份有限公司簽訂協定並由其協助相關開發工作。雙方認為此專案在應對全球氣候變化，減排溫室氣體方面作出企業應有的貢獻並希望通過聯合國指定的經營實體（DOE）之認證使本項目以及企業的社會責任感得到國際認可。

會議《桃園縣觀音鄉及新屋鄉風力發電專案 利益相關方研討會》本著集思廣益，以人為本的精神，在專案建成投產以前我們已於2006年1月6日在觀音鄉公所三樓會議室及新屋鄉公所三樓會議室各舉行召開一次相關方的公開說明會，諮詢社會各界對此專案的意見和建議以確保本專案不會對當地社會、環境以及相關人員的健康造成重大的負面影響。

為申請黃金標準認證之碳信用額度，依其申請規定在此謹代表觀威風力發電股份有限公司，桃威風力發電股份有限公司和瑞士南極碳資產管理公司謹此邀請您於本（九十七）年十月十七日上午十時於桃園縣觀音鄉觀音村中正路82號（立法委員廖正井觀音服務處）出席本會議，希望您能在百忙之中撥冗與會並提出您對本案的批評與指教。

順祝，

安好！

桃威風力發電股份有限公司
觀威風力發電股份有限公司
聯繫人： 費佛樂 (博士)
地址:10093 台北市中正區羅斯福路二段 9 號 10 樓之 2
電話: +886-2-2395-4886
傳真: +886-2-2395-1580
電子郵件:info@infra-vest.com

瑞士南極碳資產管理公司
聯繫人：莊昇勳(先生)
聯繫電話：+886 4 2358 1592

電子郵件：j.chuang@southpolecarbon.com

SECTION B. Meeting

B. 1. Agenda of the meeting

A. Opening of the meeting
B. Explanation of the project
C. Q & A Session
D. Blind Sustainable Development Exercise
E. Open discussion on the project
F. Closure of the meeting

B. 2. Non-technical summary

Written in local language and attached in invitation letters

桃園縣觀音鄉及新屋鄉設置風力發電項目

專案設計文件介紹

InfraVest Guanyin Wind Farm Project - Taiwan
InfraVest Hsinwu Wind Farm Project - Taiwan
Project Development Document Introduction

Gold Standard (黃金標準) 簡介

黃金標準乃京都議定書規範下之清潔發展機制(Clean Development Mechanism)、 合履行(Joint Implementation)與自願減排市場中之溫室氣體減排認證機制。黃金標準 基金會位於瑞士，為非營利機構。目前已有超過44個非政府機構採認黃金標準，市場上的碳買家亦多偏愛經黃金標準認證後的碳資產。

黃金標準基金會的目標為:

- 幫助具有可持續能源專案的投資
- 確保可續性開發案貢獻的顯著性與持久性
- 確保投資案對環境之影響
- 提高公眾對再生能源與能源效率的支持

經黃金標準認證的碳資產是嚴格地經審查以確保專案的開發不具負面影響，其永續發展的保證有三方面：

- 除了在專案國內要求的環境影響評估外，自國內性至國際性相關的環境要求都納入考量
- 社會開發如當地居民不應承受如遷徙等負面影響亦為考量之一
- 在經濟與技術發展上允許新科技的引進以活絡新的市場活動

透明的評估、制度化的程式以及長期地監控皆是黃金標準清楚表示專案之正面影響的方法。

台灣雖非京都議定書簽約國，然其減排專案亦有黃金標準的自願減排機制可供其碳資產認證。向黃金標準申報註冊的專案都必須編寫專案設計文件（Project DesignDocument）本報告主要向利益相關方簡單介紹"桃園縣觀音鄉及新屋鄉設置風力發電廠"的專案設計文件主要內容。

專案名稱

桃園縣觀音鄉及新屋鄉設置風力發電廠

業主介紹

觀威風力發電股份有限公司及桃威風力發電股份有限公司係英華威風力發電股份有限公司轉投資。英華威風力發電集團於民國85年成立，至民國94年年底在全球已開發興建超過250MW的風場，總投資額超過三億歐元(約120億新台幣)。英華威目前在亞洲地區的陸上風場開發計畫已裝置超過30座測風儀，確保計劃源源不絕。自民國91年5月起已藉由船隻及飛進於北海Borkum島附近進行長期環境調查。在風力發電開發上，英華威的專業值得信賴。

專案技術介紹

觀威風力發電股份有限公司及桃威風力發電股份有限公司隸屬於英華威風力發電集團，自民國89年起其在中國、德國與台灣已有13座風力發電專案約250MW的經驗與技術。

本風場規劃於桃園縣新屋鄉，觀音鄉沿海岸地區，該風廠使用的風機是Enercon E70，共34具風機，容量為2,300kW之風力發電機組，分別為新屋鄉15座，觀音鄉19座風力發電機組，總裝置容量為78,200kW (78.2MW)。

根據桃園縣的風能潛力分析推算結果，桃園縣觀音風場及新屋風場風能滿發小時約

2400~2600小時，預估風場的年發電量：觀音風場約為每年104,880 MWh/a~113,620MWh/a、新屋風場約為每年82,800MWh/a~89,700MWh/a，共可供應約34,461戶家庭用電之需求，平均每台風機所發電量每月共可供應1,013戶左右住家使用。

風力發電是目前全世界公認最具潛力並減少溫室氣體的排放的再生能源技術，利用天然的風力發電，以供當地用電之需。在全球能源吃緊的情勢下，台灣能利用地利優勢發展自給自足的能源供給以替代進口燃料與燃煤的使用。

由於實施此項目帶來的社會和環境效益：

1. 再生能源的使用。本專案使用天然的風力發電，不但不會製造任何廢氣、廢水及其他汙染，也不會產生難以處理的核廢料，減少煙塵、酸雨及温室效應。同時不需仰賴國外進口燃料，也不受近日來國際間油價飆漲的成本壓力所苦。
2. 提升當地觀光資源與工作機會。風機成為當地特殊的觀光景點，除了專案所需之營運人才，亦帶動當地服務業的繁榮，活絡當地的經濟發展。

專案申請為黃金標準的額外性：

使用再生能源的發電專案通常需要在初期大筆資金溢注。本專案在環評送審之期間，亦需維持相當的現金以維持本案的運作。因此專案業主決定為此專案申請成為黃金標準專案。如果能夠成功註冊則可因減排溫室氣體而獲得黃金標準基金會的資金支援，這將會為本專案的順利實施提供必要的財務保證。

English Description

Infravest Guanyin Windfarm Project – Taiwan

The project involves the development of a 43.7 MW onshore wind farm in Guanyin township, Taoyuan County in Taiwan. The project is constructed and operated by InfraVest GmbH., and consists of 19 wind turbines each with a capacity of 2.3MW. The 19 turbines of type Enercon E70 are installed at an altitude of 64m hub height, with a diameter of 71m. The project is expected to generate 142,462 MWh/year, which is delivered to the national grid. Taipower, the national electricity utility guarantees to purchase the electricity at €0.043/kWh for 15 years.

The electricity produced will be exported to the regional state electricity authority Taipower. Therefore the emission reductions from the project activity

will come from the avoidance of carbon dioxide emissions from fossil fuel use at the national electricity grid. The annual emission reductions are estimated at 114,000 tCO2e/year.

Infravest Hsinwu Windfarm Project – Taiwan

The project involves the development of a 34.5 MW onshore wind farm in Hsinwu Township, Taoyuan, Taiwan. The project is constructed and operated by InfraVest GmbH., and consists of 15 wind turbines each with a capacity of 2.3MW. The 15 turbines of type Enercon E70 are installed at an altitude of 64m hub height, with a diameter of 71m. The project is expected to generate 112,470 MWh/year, which is delivered to the national grid.

The electricity produced will be exported to the regional state electricity authority, Taipower. Therefore, the emission reductions from the project activity will come from the avoidance of carbon dioxide emissions from fossil fuel used at the national electricity grid. The annual emission reductions are estimated at 90,000 tCO2e/year.

B. 3. Participants

i. List of participants

Participant list is attached in Annex 1
Below is the recapitulation of the Participant List filled by the Stakeholders.

Participant list stakeholder consultation				
Date and time: October 17, 2008 / 10.00 am				
Location: 82 Chung-Cheng Road, Guanyi Village, Guanyin Township, Taoyuan, Taiwan (桃園縣觀音鄉觀音村中正路 82 號)				
Name participant, job/position in the community	**Male / Female**	**Signature** ***Ref. to ANNEX 1***	**Organisation (if relevant)**	**Contact details**
Zhang, Zhao Mei	F		Local Resident	+886-3-473-0138
Mai-Lu, Guo Zhi	M		Guan Yin Township Office	+886-928-133-283
Guan, Shao Dong	M		Local Resident	+886-926-270-006
Xu, Xiu Bin	M		Local Resident	+886-910-112-195
Zhang, Zhen Rong	M		Local Resident	+886-932-010-213
Liang, Jing Zhi	M		Local Resident	+886-3-498-3069
Ni, Yong Quan	M		Local Resident	+886-932-108-879

Peng, Shi Qian	F		Local Resident	+886-921-982-766

Comments accompanying Annex 1

ii. Evaluation forms

Evaluation Forms are attached in ANNEX 2.
Below is the recapitulation of the Evaluation Forms filled by the Stakeholders.

Summary	
Impression of the meeting?	The meeting helps locals understanding more about the planning of and ideas behind the wind farm project.
What do you like about the project?	The project positively contributes to a sustainable environment: it uses renewable energy (wind) to generate clean electricity.
What do you not like about the project?	Not indicated. Locals feel the project will bring advantages for the environment. It is also mentioned that the construction plan should strictly consider ecological aspects of the area.
Signature	*Ref. to ANNEX 2*

Comments accompanying Annex 2

B. 4. Pictures


桃園風場計劃說明會
2008年10月17日
OCT 17 2008


OCT 17 2008


OCT 17 2008


OCT 17 2008


OCT 17 2008


觀音茶莊

B. 5. Outcome of consultation

i. Minutes of the meeting

A. Opening of the meeting

The meeting was opened by Mr. Roger Lee, Assistant of Vice-General Manager of InfraVest Wind Power Group. Mr. Lee introduced himself and thanked all the participants for attending the meeting.

B. Explanation of the project

Mr. Lee started with a brief introduction of the background of InfraVest Wind Farm Group and its various records in wind farm constructions. He particularly referred to several wind farm projects in Taiwan that are built by the InfraVest Group, and pointed out the productivity of those sites.

Afterwards, he started to explain the background of the Taoyuan Wind Farm project. Mr. Lee described the exact location of the wind farm, and gave a simple description of the technical facts of the project. Then, he proceeded to the impacts of the project towards the environment. Wind power generation is a zero-pollution renewable energy project. It has gained interest among countries, along with the increasing global popularity of emission reduction and sustainable environment. In terms of replacing the fossil fuel electricity generation, which dominates the national grid, a wind power project leads to GHG emissions reduction, thus improves air and water quality. At the same time, with a proper development plan with the government, wind farm sites could also be cultivated as a tourism spot.

C. Q & A Session

Mr. Lee invited the stakeholders to ask questions and to express comments regarding the project.

Mr. Yong-Quan Ni, a local resident who lives in Fu Lin Village, Guan Yin Township expressed a comment. He pointed out that a wind farm built several years ago by Taipower Ltd. (the national power company) in another area of Taiwan was experiencing a lack of maintenance, which leads to many technical problems and low productivity. He questioned the InfraVest Group's commitments regarding the productivity and technical maintenance of the Taoyuan wind farm.

Responding to Mr. Ni's inquiry, Mr. Lee explains that InfraVest Group always strictly selects the model and type of wind turbines to be applied for their projects. Only those which meet high quality standards and specific project requirements are to be chosen (for this project: Enercon E70 Wind Turbine). Also an advanced and automated monitoring system is being used. Safety precautions regarding the operation are also considered comprehensively, including operations in various weather conditions, etc. Furthermore, a periodical maintenance would also only be carried out by experts, Mr. Lee stated.

Mr. Ni then expressed his concerns on the possible impact of the turbine towards signal reception for televisions.

Mr. Lee responded that signal interference is caused mostly by the rotation of the metal rotor blade of the turbines. However, the blades of the wind turbines used in the proposed project are built using Fiber Reinforced Polymer (FRP) material, in order to minimize the interference. In addition, the location of the wind farm from the residential area is quite distant, therefore, the signal interference effect, if any, is minimal.

D. Blind Sustainable Development Exercise

Mr. Lee proposed a Blind Sustainable Development Exercise to the locals. He explained every aspect written in the matrix, in accordance to the Environmental Impact Assessment Report approved by the Government.

E. Open discussion on the project

Mr. Lee invited the locals to have an open discussion to express any thoughts or questions. The locals did not express any inquiries nor voiced any concerns.

F. Closure of the meeting

Mr. Lee kindly asked the locals to write down their thoughts and comments in the Evaluation Form, and thanked all meeting participants once again for their presence.

G. Assessment of comments

Stakeholder Comment	Assessment	Response to comment
Question on InfraVest's productivity and technical maintenance plan for Taoyuan wind farm		InfraVest applies advanced, automated monitoring system for the wind farm. Safety precautions regarding the operation are also considered to better maintain performance of the turbines, including different approach in various weather conditions, etc. Furthermore, the experts would also do a periodical maintenance.
Possible impact of the turbine towards signal reception for televisions		Signal interference is caused mainly by the rotation of the metal rotor blade of the turbines. Yet, the blade of the wind turbines used in the proposed project is built of Fiber Reinforced Polymer (FRP) material, to minimize this effect. In addition, the location of the wind farm is considerably far from the residential area, therefore, the signal interference effect is minimal.

H. Revisit sustainability assessment

	Yes	No
Are you going to revisit the sustainable development assessment?	☐	☑

Give reasoning behind decision the decision.

According to the blind sustainable development assessment done in this meeting, it is clear that the stakeholders are very supportive towards the development of the proposed project. Some minor concerns about details on the project were raised, but these issues had already been anticipated and mitigation measures had been integrated in the earliest stage of the project design.
There were not many differences between the results of the project owner's and the stakeholders' sustainable development matrixes.

I. Summary of alterations based on comments

No alterations were needed at this stage.

SECTION C. Sustainable Development Matrix

C.1. Own sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" – table, or include mitigation measure used to neutralise a score of '–'	Check www.undp.or/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score '–' in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality			**Chosen parameter:** concentrations and emissions of NOx, SOx, VOCs **Explanation:** The proposed project replaces the fossil fuel electricity generation, which dominates the national grid; it reduces the emissions of GHG considering the high installed capacity of the national grid; this project contributes on improving the air quality.	**+**
Water quality and quantity			**Chosen parameter:** Levels of SOx, NOx **Explanation:** Taiwan is subject to acid rains, which are mostly caused by emissions of sulphur and nitrogen compounds. The wind farm mitigates these emissions in the atmosphere -and thus the acid rain- by reducing the use of fossil fuel to produce electricity. Although an increase in water quality is favorable, it requires complex quantification and monitoring, therefore it scores '0'.	**0**
Soil condition			**Chosen parameter:** Levels of SOx, NOx **Explanation:** Soil biology and chemistry can be seriously damaged by acid rain. The wind farm mitigates sulphur and nitrogen compounds emission in the atmosphere and thus acid rain by replacing the baseline fossil fuel	**0**

			based power generation. The impact on soil condition improvement is favorable, yet, it requires complex quantification and monitoring, therefore it scores '0'.	
Other pollutants			**Chosen parameter:** level of noise/light **Explanation:** There is no significant impact regarding the level of noise/light.	**0**
Biodiversity			**Chosen parameter:** Number of affected plants and animals **Explanation:** There is no significant impact on the biodiversity upon project development.	**0**
Quality of employment			**Chosen parameter:** Highly qualified jobs resulting from the project activity **Explanation:** The project development creates recruitment opportunities with high qualification standard for local people during both construction and operation phase. In fact, the Taiwanese Government requires for any power generation-related projects to be handled by highly skilled engineers, responsible for the operation and maintenance of the system.	**+**
Livelihood of the poor			**Chosen parameter:** Children health care services, access to sanitation, etc. **Explanation:** There is no significant impact on this aspect resulting from the project development.	**0**
Access to affordable and clean energy services			**Chosen parameter:** change in traditional fuel consumption, dependency of fuel/energy imports. **Explanation:** The project facilitates access to clean electricity in terms of replacing fuel use for the same amount of electricity generated given the baseline scenario. Wind farm development in Taiwan is also particularly important for its efforts to reduce dependency on imported fuel.	**+**
Human and institutional capacity			**Chosen parameter:** change in number of jobs and positions for women (gender equality, empowerment) **Explanation:** there is no significant impact on this aspect resulting from the project development.	**0**
Quantitative employment and income generation			**Chosen parameter:** number of jobs **Explanation:** The project activity generates employment opportunities during the project construction and operation period.	**+**
Balance of payments and			**Chosen parameter:** Balance of	**0**

investment			payments. **Explanation:** Wind farm development will help reduce fossil fuel imports in Taiwan. Yet, it requires complex quantification and monitoring, therefore it scores '0'	
Technology transfer and technological self-reliance			**Chosen parameter:** number of workshops, seminars held. **Explanation:** The staff will be trained regarding technical issues. However, there has been no public seminars or workshops held for the project. Therefore, it scores '0'.	**0**

Comments accompanying own sustainable development matrix

The proposed project contributes significantly to the region's sustainable development. Taking the high installed capacity of the national grid into account, it would significantly contribute to the reduction of greenhouse gases emission and pollutants such as nitrogen oxides and particles by replacing fossil fuel-based power generation, and thus improve air quality. Moreover, wind power is a clean, renewable energy which would mitigate baseline sulphur emissions to the atmosphere and thus help reduce acid rain and improve water quality.

From the social and economical sustainability standpoint, the proposed project will create new job opportunities in the local area during both construction and operation phases. Given the capacity, this wind farm will provide clean electricity to the equivalent of 110,000 households with much lower cost from that of the baseline scenario. Furthermore, wind power development is also one of the solutions to the country's dependency on fossil fuel imports. It is expected to lead to both economic and infrastructural development of the region.

From the technological point of view, the project should open opportunities for technology and know-how transfers, as the employees are trained on maintenance, safety and operational issues by the German wind turbine manufacturer Enercon .

C.2. Outcome Blind sustainable development exercise

Blind Sustainable Exercise Forms are attached in ANNEX 2.
Below is the recapitulation of the Blind Sustainable Development Matrix filled by the Stakeholders.

Indicator	Mitigation measure	Chosen parameter and explanation	Score given by stakeholders

Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" – table, or include mitigation measure used to neutralise a score of '–'	Defined by project developer	Negative impact: score '-' in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality		**Chosen parameter:** concentrations and emissions of NOx, SOx, VOCs	**0**
Water quality and quantity		**Chosen parameter:** Levels of SOx, NOx	**0 ~ +**
Soil condition		**Chosen parameter:** Levels of SOx, NOx	**0**
Other pollutants		**Chosen parameter:** level of noise/light	**0**
Biodiversity		**Chosen parameter:** Number of affected plants and animals	**0**
Quality of employment		**Chosen parameter:** Highly qualified jobs resulting from the project activity	**0**
Livelihood of the poor		**Chosen parameter:** Children health care services, access to sanitation, etc.	**0**
Access to affordable and clean energy services		**Chosen parameter:** change in traditional fuel consumption, dependency of fuel/energy imports.	**0 ~ +**
Human and institutional capacity		**Chosen parameter:** change in number of jobs and positions for women (gender equality, empowerment)	**0**
Quantitative employment and income generation		**Chosen parameter:** number of jobs	**0 ~ +**
Balance of payments and investment		**Chosen parameter:** Balance of payments	**0 ~ +**
Technology transfer and technological self-reliance		**Chosen parameter:** number of workshops, seminars held.	**0 ~ +**

Comments resulting from the blind sustainable development exercise
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Give analysis of difference between own sustainable development table and the one resulting from the blind exercise with stakeholders. Explain way of consolidation.

The locals are not yet familiar with wind farms and InfraVest Group, given the fact that wind power technology is a newly developed alternative energy source generated in Taiwan. Therefore, they were not sure about possible impacts in several aspects written in the matrix. However, the stakeholders did not rate any of the aspects negatively. The differences only ranged between *'neutral'* and *'positive'* values with regard to of water quality and quantity, access to affordable and clean energy services, quantitative employment and income generation, balance of payments and investment, and technological self-reliance.

However, the conclusion presented in the consolidation matrix adopts a more conservative approach in terms of parameters and monitoring applicability.

C.3. Consolidated sustainable development matrix

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Final score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" – table, or include mitigation measure used to neutralise a score of '–'	Check www.undp.or/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score '–' in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality			**Chosen parameter:** concentrations and emissions of NOx, SOx, VOCs **Explanation:** Although an increase in air quality is probable, it requires complex quantification and monitoring, therefore it scores '0'	**0**
Water quality and quantity			**Chosen parameter:** Levels of SOx, NOx **Explanation:** Taiwan is subject to acid rains which are mostly caused by emissions of sulphur and nitrogen compounds. Although an increase in water quality is favorable through the project development, it requires complex quantification and monitoring, therefore it scores '0'.	**0**
Soil condition			**Chosen parameter:** Levels of SOx, NOx **Explanation:** Soil biology and chemistry can be seriously damaged by acid rain. The wind farm mitigates sulphur and nitrogen compounds emission in the atmosphere and thus acid rain by replacing the baseline fossil fuel based power generation. There is a positive impact on the soil condition, yet, it requires complex quantification and monitoring, therefore it scores '0'.	**0**
Other pollutants			**Chosen parameter:** level of noise/light **Explanation:** There is no significant impact regarding the level of noise/light.	**0**

Biodiversity			**Chosen parameter:** Number of affected plants and animals **Explanation:** There is no significant impact on the biodiversity upon project development.	**0**
Quality of employment			**Chosen parameter:** Highly qualified jobs resulting from the project activity **Explanation:** The project development creates recruitment opportunities with high qualification standards for local people during both construction and operation phase. In a more conservative standpoint, this is scored '0'.	**0**
Livelihood of the poor			**Chosen parameter:** Children health care services, access to sanitation, etc. **Explanation:** There is no significant impact on this aspect resulting from the project development.	**0**
Access to affordable and clean energy services			**Chosen parameter:** change in traditional fuel consumption, dependency of fuel/energy imports. **Explanation:** The project facilitates access to clean electricity in terms of replacing fuel use for the same amount of electricity generated given the baseline scenario. Wind farm development in Taiwan is also particularly important in its efforts to reduce dependency on imported fuel.	**+**
Human and institutional capacity			**Chosen parameter:** change in number of jobs and positions for women **Explanation:** there is no significant impact on this aspect resulting from the project development.	**0**
Quantitative employment and income generation			**Chosen parameter:** number of jobs **Explanation:** The project activity generates employment opportunities during the project construction and operation period.	**+**
Balance of payments and investment			**Chosen parameter:** Balance of payments. **Explanation:** Wind farm development will help reduce fossil fuel imports in Taiwan. Yet, it requires complex quantification and monitoring, therefore this scores '0'	**0**

Technology transfer and technological self-reliance			**Chosen parameter:** number of workshops, seminars held. **Explanation:** The staff will be trained on technical issues. Though, there was no public seminars or workshops held according to the project. Therefore, this scores '0'.	**0**

Justification choices, data source and provision of references	
Air quality	The parameter chosen is concentrations and emissions of NOx, SOx, and VOCs. Since the fuel combustion in baseline power generation produces those toxic gases, and other heavy metal pollutants, the project considerably facilitates air quality improvement by producing clean electricity to the national grid.
Water quality and quantity	Taiwan is subject to acid rain, which is mostly caused by emissions of Sulphur and Nitrogen compounds to the atmosphere. Therefore, suitable parameter for this aspect is the levels of SOx and NOx, derived from fuel combustion in baseline scenario.
Soil condition	The parameter chosen for this aspect is levels of SOx and NOx. Soil biology and chemistry can be seriously damaged by acid rain. Some microbes are unable to tolerate changes to low pHs and are killed. Renewable energy development in Taiwan is expected to improve water and soil conditions, by reducing toxic emissions to the atmosphere and thus acid rain.
Other pollutants	The parameter chosen in the assessment of other pollutants' impact is the level of noise/light. The survey result is reported in the EIA report, it shows that the effect is very minimum / negligible.
Biodiversity	The measurement is based on a number of affected plants and animals. The proposed project is located at the outline of windbreak forest, west Taiwan. Since the turbines are built outside the forest, and the construction process is kept small-scaled, the impact towards biodiversity of the forest is very limited.
Quality of employment	The parameter chosen for this point is the employment opportunity of highly qualified staff for the project. Taiwan's Government requires a highly skilled chief engineer (with certain certification) to perform such power generation projects, responsible for the construction planning, operational and maintenance of the system.
Livelihood of the poor	In terms of livelihood of the poor - poverty alleviation, access to health care services and sanitation - there were no significant issues derived from the proposed project.
Access to affordable and clean energy services	The parameter chosen for this point is a shift away from traditional fuel consumption and dependency of fuel/energy imports. Wind farm development in Taiwan is particularly important for its efforts to reduce dependency on imported fuel, in addition to clean electricity supply. (Reference: Taiwan Statistic Yearbook – Imported Energy and Supply Ratio : http://www7.www.gov.tw/todaytw/2007/intestine/ch06/2-6-23-0.html)
Human and institutional capacity	There were no significant impacts deriving from the proposed project development in any of the possible parameters.
Quantitative employment and income generation	In terms of quantitative employment and income generation, the project activity generates project employment opportunities during the project construction and operation period.
Balance of payments and investment	Wind farm development in Taiwan will help reduce its dependency in fossil fuel imports. Yet, it requires complex quantification and monitoring
Technology transfer and technological self-reliance	In terms of technology transfer, the staff responsible for operation and maintenance will be trained on technical issues. However, the project developer did not hold any public seminars or workshop according to the project.

SECTION D. Preparation of Stakeholder Feedback Round

Annex 1: Participant list

infraVest

Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Participants List

利益相關方會議 - 與會者名單

Date and Time / 日期及時間: Oct. 17, 2008 - 10:00 am

Location / 地點: 82 Chung-Cheng Road, Guanyi Village, Guanyin Township, Taoyuan, Taiwan R.O.C.
桃園縣觀音鄉觀音村中正路 82 號

Name 姓名	Sex 性別	Organization 單位名稱	Position 職稱	Contact Details 聯絡方式	Signature 簽名
張熙娥				(03) 4730138	
李呂聯	男			0928133283	
曾紹棟	男			0926290006	
[illegible]	男			0910112195	
張玠賢				0932-010-213	
吳金鼓				4983069	
倪永全	男			0932108879	
司蔚茵				0921982766	

south pole

Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Invitation Tracking

Category Code	Organization (if relevant)	Name of Invitee	Means of Invitation	Date of Invitation	Confirmation received? (Y/N)
1	觀音鄉鄉民代表會	歐道德	掛號信	2008/10/1	Y
2.	觀音鄉公所	黃國治	〃	〃	Y
3.	村民	許修斌	〃	〃	Y
4.	〃	謝春文	〃	〃	Y
5.	〃	陳煥郎	〃	〃	Y
6.	〃	康萬鐘	〃	〃	Y
7.	〃	曾煥隆	〃	〃	Y
8.	〃	卓聖森	〃	〃	Y
9.	〃	倪承全	〃	〃	Y
10.	〃	黃遠日	〃	〃	Y
11.	〃	張照峰	〃	〃	Y
12.	〃	彭詩富	〃	〃	Y
13.	環境品質文教基金會		〃	〃	Y

Annex 2: Feedback forms

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
張照妹	觀音鄉觀音村中山路46巷42號	(03) 4730138

請於會議結束後交回報到櫃台。

south pole

Infravest Guanwei and Hsinwu Wind Farm Project — Local

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development, 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其說明及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響：評分"+" + No change in impact: score 0 無任何影響改變：評分"0" + Negative impact: score '-' In case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響：若對產生之影響有完善對策，則評分 "0"。若對產生之影響並無完善對策，則評分 "-"
Air quality 空氣品質			0
Water quality and quantity 水質及水量			0
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧窮者的生計			0
Access to affordable and clean energy services 取得清潔能源之途徑			0
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 支出與投資之對比			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			0

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Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☑ **Yes** 是	☑ **No** 否 張照妹	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Signature 簽名	張照妹		

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
李[illegible]治	觀音[illegible]村 5鄰 2[illegible]	0928133283

請於會議結束後交回報到櫃台。

Infravest Guanwei and Hsinwu Wind Farm Project **Local**

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development. 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響: 評分'+' + No change in impact: score 0 無任何影響改變: 評分'0' + Negative impact: score '-'. In case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對策, 則評分 '0', 若對產生之影響並無完善對策, 則評分'-'
Air quality 空氣品質			0
Water quality and quantity 水質及水量			0
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧困者的生計			0
Access to affordable and clean energy services 取得清潔能源之機會			0
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 收支與投資之對比			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			0

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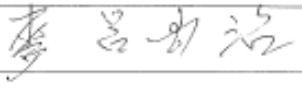
Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☐ **Yes** 是	☑ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Signature 簽名			

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
管紹棟	觀音、三塊村 [illegible], 26－10號	0926270006

請於會議結束後交回報到櫃台。

south pole

Infravest Guanwei and Hsinwu Wind Farm Project — Local

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development. 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響: 評分"+" + No change in impact: score 0 無任何影響改變: 評分"0" + Negative impact: score '-' in case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對策 則評分 '0'。有對產生之影響並無完善對策 則評分" -"
Air quality 空氣品質			0
Water quality and quantity 水質及水量			1
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧窮者的生計			0
Access to affordable and clean energy services 取得清潔能源之途徑			0
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 支出與投資之對比			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			0

6

Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ Yes 是	☐ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ Yes 是	☐ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☐ Yes 是	☑ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Signature 簽名			

7

桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
林○○	觀音鄉廣興村 15鄰56號	0910112195

請於會議結束後交回報到櫃台。

Infravest Guanwei and Hsinwu Wind Farm Project — Local

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development. 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響: 評分'+' + No change in impact: score 0 無任何影響改變: 評分'0' + Negative impact: score '-' in case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對策, 則評分'0', 若對產生之影響並無完善對策, 則評分'-'
Air quality 空氣品質			0
Water quality and quantity 水質及水量			0
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧窮者的生計			+ 0
Access to affordable and clean energy services 取得清潔能源之機會			+
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 支出與投資之對出			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			+

6

Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ Yes 是	☐ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ Yes 是	☐ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☐ Yes 是	☑ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Signature 簽名			

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
張明榮	新坡村15鄰26號	0932-010-213

請於會議結束後交回報到櫃台。

Infravest Guanwei and Hsinwu Wind Farm Project **Local**
Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development. 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 * Positive impact: score '+' 正面影響: 評分'+' * No change in impact: score 0 毫在何影響改變: 評分'0' * Negative impact: score '-' In case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對應, 則評分 '0', 若對產生之影響並無完善對應, 則評分' -'
Air quality 空氣品質			0
Water quality and quantity 水質及水量			0
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧窮者的生計			0
Access to affordable and clean energy services 取得清潔能源之途徑			0
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 支出與投資之對比			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			0

6

Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☒ **Yes** 是	☑ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Signature 簽名			

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
梁金枝		4983069

請於會議結束後交回報到櫃台。

Infravest Guanwei and Hsinwu Wind Farm Project — Local

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響: 評分'+' 0 No change in impact: score 0 無任何影響改變: 評分'0' - Negative impact: score '-' in case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對策 則評分 '0', 若對產生之影響並無完善對策 則評分 '-'
Air quality 空氣品質			C
Water quality and quantity 水質及水量			D
Soil condition 地質狀況			C
Other pollutants 其他污染			D
Biodiversity 生物多樣性			C
Quality of employment 就業品質			c
Livelihood of the poor 貧窮者的生計			C
Access to affordable and clean energy services 取得清潔能源之途徑			D
Human and institutional capacity 個人及機構能力			D
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 支出與投資之對比			C
Technology transfer and technological self-reliance 技術轉移及技術獨立性			b

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Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ Yes 是	☐ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ Yes 是	☐ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☑ Yes 是	☑ No 否	☐ Do not know 不知道
Explain the reason 請說明理由			
Signature 簽名			

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
倪永全	觀音鄉富林村 大觀路三段585號	0932108479

請於會議結束後交回報到櫃台。

Infravest Guanwei and Hsinwu Wind Farm Project — Local

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development. 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響: 評分'+' + No change in impact: score 0 無任何影響改變: 評分'0' + Negative impact: score '-' in case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對策, 則評分 '0', 若對產生之影響並無完善對策, 則評分 '-'
Air quality 空氣品質			0
Water quality and quantity 水質及水量			0
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧窮者的生計			0
Access to affordable and clean energy services 取得便宜潔淨能源之途徑			0
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入機會			0
Balance of payments and investment 支出與投資之對比			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			0

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Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ Yes 是 ☐ No 否 ☐ Do not know 不知道
Explain the reason 請說明理由	增加風力發電了解
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ Yes 是 ☐ No 否 ☐ Do not know 不知道
Explain the reason 請說明理由	節能減碳 環保大地
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☐ Yes 是 ☐ No 否 ☑ Do not know 不知道
Explain the reason 請說明理由	夢解決居民疑慮
Signature 簽名	倪永全

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桃園縣觀音鄉及新屋鄉設置風力發電項目

利益相關方會議

10:00, 2008/10/17

Local stakeholder consultation meeting

InfraVest Guanyin Wind Farm Project – Taiwan

InfraVest Hsinwu Wind Farm Project - Taiwan

Participant / 參與者:

Name / 姓名	Contact address / 聯絡地址	Contact number / 連絡電話
劉詩茜	觀音仁愛路46号	0921982766

請於會議結束後交回報到櫃台。

Infravest Guanwei and Hsinwu Wind Farm Project **Local**

Stakeholder consultation - Sustainable Development Matrix

Gold Standard indicators of sustainable development. 黃金標準永續發展指標	Mitigation measure 對策	Chosen parameter and explanation 其因素及說明	Score given by stakeholders 評分 + Positive impact: score '+' 正面影響: 評分'+' = No change in impact: score 0 與任何影響改變: 評分'0' - Negative impact: score '-' in case negative impact is not fully mitigated. Score 0 in case impact is planned to be fully mitigated 負面影響: 若對產生之影響有完善對策 則評分 '0', 於對產生之影響並無完善對策 則評分' -'
Air quality 空氣品質			0
Water quality and quantity 水質及水量			0
Soil condition 地質狀況			0
Other pollutants 其他污染			0
Biodiversity 生物多樣性			0
Quality of employment 就業品質			0
Livelihood of the poor 貧窮者的生計			0
Access to affordable and clean energy services 取得清潔能源之途徑			0
Human and institutional capacity 個人及機構能力			0
Quantitative employment and income generation 就業及收入情會			0
Balance of payments and investment 支出與投資之對比			0
Technology transfer and technological self-reliance 技術轉移及技術獨立性			0

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Infravest Guanwei and Hsinwu Wind Farm Project
Local Stakeholder consultation - Evaluation Forms
評估表

Did this meeting help you understand more about the project? 請問對您而言參加此次會議是否有幫助?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to positive contribution? 請問您是否認為此專案將導致許多好處?	☑ **Yes** 是	☐ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Do you think that this project will lead to negative effects? 請問您是否認為此專案將導致許多壞處?	☐ **Yes** 是	☑ **No** 否	☐ **Do not know** 不知道
Explain the reason 請說明理由			
Signature 簽名	劉詩茵		

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