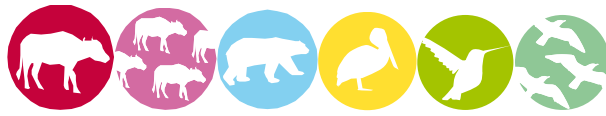


ANNEX R – PASSPORT TEMPLATE

CONTENTS



- A. Project title**
- B. Project description**
- C. Proof of project eligibility**
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SECTION A. Project Title

[See Toolkit 1.6]

Title: InfraVest Taiwan Wind Farms Bundled Project 2012

Date: 21/06/2016

Version no.: 4.0

SECTION B. Project description

[See Toolkit 1.6]

InfraVest Taiwan Wind Farms Bundled Project 2012 is constructed and operated by InfraVest Wind Group. The project in total comprises 34 wind turbines, each having a capacity up to 2.3 MW. The total installed capacity of the proposed project is 78.2 MW. At full capacity, the output of the project is totally expected to be 187,680 MWh per year derived from the FSRs of each sub-project. The annual emission reductions are estimated as about 126,120 tCO₂e/year.

The project start date is 13/12/2012¹. InfraVest Taiwan Wind Farms Bundled Project 2012 is a bundle project:

1. Chubei Wind Farm Project: a 11.5 MW onshore wind farm in Chubei township, Hsinchu County, which comprises 5 wind turbines. The annual electricity generated is 27,600 MWh with emission reductions of 18,547 t CO₂e/year.
2. Zhaowei Wind Farm Project: a 13.8 MW onshore wind farm in Tongxiao Township, Miaoli County, which comprises 6 wind turbines. The annual electricity generated is 33,120 MWh with emission reductions of 22,257 t CO₂e/year.
3. Tongyuan Wind Farm Project: a 52.9 MW onshore wind farm located in Tongxiao & Yuanli Township, Miaoli County, comprised 23 wind turbines.

Among the 23 wind turbines of Tongyuan Wind Farm, 11 wind turbines change the locations. And the 11 wind turbines in the new locations belong to 3 wind farm project as followed. Thus, the annual electricity generated of Tongyuan Wind Farm is 66,240 MWh with emission reductions of 44,513 t CO₂e/year.

1. Taichung III Wind Farm Project: 5 wind turbines with total capacity of 11.5 MW in Da-an Township and Da-jia Township, Taichung city. The annual electricity generated is 27,600 MWh with emission

¹ The construction starting date of Tongyuan wind farm

reductions of 18,547 t CO₂e/year.

2. Taichung Chingfeng Wind Farm Project: 1 wind turbine of 2.3 MW in Chingshui Township, Taichung city. The annual electricity generated is 5,520 MWh with emission reductions of 3,709 t CO₂e/year.

3. Taichung Anwei Wind Farm Project: 5 wind turbines with total capacity of 11.5 MW in Da'an Township, Dajia Township, and Chingshui Township, Taichung city. The annual electricity generated is 27,600 MWh with emission reductions of 18,547 t CO₂e/year.

Contribution to sustainable development

The project contributes significantly to the region's sustainable development. The specific goals for the project are to:

1. reduce the greenhouse gas emissions in Taiwan by replacing fossil fuel based power generation;
2. produce clean, renewable energy that contributes to alleviate the global warming;
3. contribute to the development of the wind energy sector in Taiwan;
4. create local employment both during the construction and operational phase;



SECTION C. Proof of project eligibility

C.1. Scale of the Project

[See Toolkit 1.2.1]

Please tick where applicable:

Project Type	Large	Small
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

	<input type="checkbox"/>
---	--------------------------

C.2. Host Country

[See Toolkit 1.2.2]
Taiwan

C.3. Project Type

[See Toolkit 1.2.3 and Annex C]

Please tick where applicable:

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does your project activity classify as an End-use Energy Efficiency Improvement project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does your project activity classify as waste handling and disposal project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please justify the eligibility of your project activity:

According to the current Gold Standard rules (version 2.2), the proposed project is considered eligible if all of the following conditions are satisfied:

- The project is a large-scale GS project with capacity >15MW for each year of the crediting period;
- The project is located in Taiwan, which is a Non-Annex 1 Country under the “Kyoto Protocol”;
- The project generates electricity using wind energy. The electricity generated is delivered to the national grid. The project classifies as renewable energy project;
- The emission reduction of greenhouse gases (GHG) intended to be achieved by the project includes carbon dioxide (CO₂), which is eligible under Gold Standard;
- No Official Development Assistance (ODA) is used for project implementation;
- It was never previously announced that the project would proceed without revenues from carbon credits;
- The project is seeking for regular project cycle registration under Gold Standard;
- The project only submitted for registration to the Gold Standard VER stream. Other Certification Schemes is not involved. No double counting would occur from the issuance of Gold Standard carbon credits originating from this project.

To conclude, the project meets all eligible categories under the Gold Standard eligibility Assessment, it should apply for the registry of Gold Standard Renewable Energy Supply Project.

Pre Announcement	Yes	No
Was your project previously announced?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Explain your statement on pre announcement No such previous announcement has been made.		

C.4. Greenhouse gas

[See Toolkit 1.2.d]

Greenhouse Gas	
Carbon dioxide	<input checked="" type="checkbox"/>

Methane	<input type="checkbox"/>
Nitrous oxide	<input type="checkbox"/>

C.5. Project Registration Type

[See Toolkit 1.2.f]

Project Registration Type	
Regular	<input checked="" type="checkbox"/>

Pre-feasibility assessment	Retroactive projects (T.2.5.1)	Preliminary evaluation (eg: Large Hydro or palm oil-related project) (T.2.5.2)	Rejected by UNFCCC (T2.5.3)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If Retroactive, please indicate Start Date of project activity dd/mm/yyyy: _____

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

[See Toolkit 1.6]

Wind Farm Name	Coordinates for center of farm
Chubei Wind Farm Project	24°51'47"N, 120°56'23"E
Zhaowei Wind Farm Project	24°29'57"N, 120°40'28"E
Tongyuan Wind Farm Project	24°25'37"N, 120°36'57"E
Taichung III Wind Farm Project	24°22'32"N, 120°34'49"E
Taichung Chingfeng Wind Farm Project	24°18'21"N, 120°32'55"E

Taichung Anwei Wind Farm Project	24°24'14"N, 120°36'40"E
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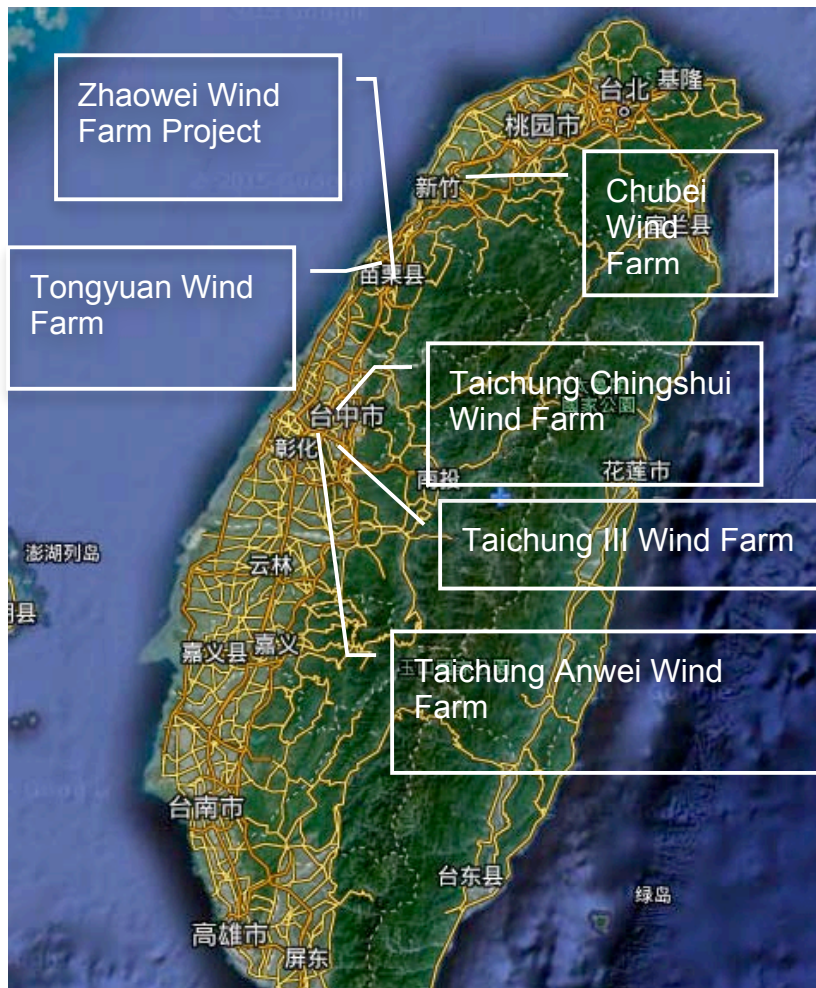


Explain given coordinates

The project contained six wind farm: Chubei Wind Farm, Zhaowei Wind Farm, Tongyuan Wind Farm, Taichung III Wind Farm, Taichung Chingfeng Wind Farm, Taichung Anwei Wind Farm.

D.2. Map

[See Toolkit 1.6]



SECTION E. Outcome stakeholder consultation process

E.1. Assessment of stakeholder comments

Two local stakeholder consultation meetings were held for the proposed project in 2012 and one local stakeholder consultation meeting was held in 2015. The questionnaire sample is attached in Annex 2. The local communities were involved in the consultation process of the proposed project through inviting the local residents and the community representatives to the stakeholder consultation meeting. Invitations were sent out to all villages and countries that might be impacted by the project bundle, including areas of the six wind farms. Most of the invitations were delivered in person to the village heads and community representatives; this is aimed to encourage them to gather the residents (men and women) in their community to join the meeting. This approach is considered more effective to invite the local people as compared to putting announcements through media or at local offices. 59 stakeholders, from different villages and counties where the six wind farms located, including local residents, community representatives, village heads, county/township officers attended the stakeholder consultation meeting, among which 15 were women.

All GS NGO supporters and local GS expert located at the nearest region to the project are invited to the meeting through email invitations. The local NGO invited at the stakeholder consultation is NEAT Taiwan (New Energy Association of Taiwan), which is an independent local NGO focusing on the climate sustainability, and the development of the clean, efficient energy technologies in the region. This NGO has a touch-base experience in the renewable energies cultivation than other NGOs in the region. Given the organization's background, it was expected to present an objective perspective regarding the proposed project development.

Date/Time: Sep 3rd and 4th 2012

Attendance: 33

Location: Tongxiao County, Chubei Township

Name of participant, job/ position in the community	Male/ Female	Organisation (if relevant)	Contact details
Zheng Guoxiong, Representative of People's congress of Tongxiao County	Male	N/A	932665403
Zhang Youji	Male	Local resident of Tongxiao County	912754125

Zhang A'jia	Male	Local resident of Tongxi County	933861985
Lai Cilang	Male	Resident of Wubei Village	933754998
Luo Pingshi	Male	Resident of Tongxiao County	958052689
Zhuang Zhaoyang	Male	Resident of Wubei Village	916211513
Qiu Yonghe	Male	Resident of Tongxi Village	930888562
Luo Mubiao	Male	President of Tongxi Community	935275752
Wu Yangqing	Male	General whip of Tongxi Community	919905756
Gan Qiunan	Male	The head of Wubei village	933409025
Zheng A'jin	Male	Villager of Tongwan Village	910517629
Xu Linsheng	Male	Villager of Tongwan Village	910115659
Lai Jinlong	Male	President of Wunan Community	919827664
Li A'xin	Male	Villager of Tongwan Village	No.105, Tongwan Village
Wang Xuanrong	Male	The head of Yuangang village	925968689
Zhang Chunji	Male	President of Haigang village community	935734659

Zeng Shihong	Male	President of Hai'an village community	919855030
Lai Yuzhong	Male	Resident of Xiping village	952752088
Li Zhizhong	Male	Resident of Xiping Village	915942588
Chen Jiding	Male	Resident of Hai'an Village	932863406
Jiang Shufen	Female	General Whip of Wunan Village	989205892
Zhang Chuanfa	Male	The head of Tongxi Village	916836135
Liu Shoufu	Male	Resident of Tongxi Village	916751533
Chen Chunchang	Male	Resident of Tongxi Village	916753038
Tu Dingqi	Male	Resident of Wunan Village	983803636
Huang Rongcong	Male	The chairman of People's Congress	927788886
Zeng Guoqing	Male	Resident of Chubei County	988613638
Zeng Zhong'an	Male	Resident of Chubei County	989200925
Zeng Wenqi	Male	Resident of Chubei County	981178231
Lin Qiurong	Male	The head of Chongyi Village	937121390

Huang Guojia	Male	Resident of Chubei County	916737947
Guo Gongbao	Male	Resident of Chubei County	910295205
Chen Zihui	Female	Resident of Chubei County	939420888

Date and time: November 27th 2015

Attendance: 26

Location: TaiChuang County, Dajia Township

Name of participant, job/ position in the community	Male/ Female	Organisation (if relevant)	Contact details
Lin Mingda	Male	Local Residents in Dajia Township	932677192
Xu Shuwen	Female	Local Residents in Da'an Township	426816186
Huang Bixia	Female	Local Residents in Da'an Township	426713224
Xiao WeiYu	Female	Local Residents in Da'an Township	426710082
Lin Qiulan	Female	Local Residents in Da'an Township	988080305
Zhang Bizhu	Male	Local Residents in Da'an Township	426713611

Wu Wencan	Male	Local Residents in Da'an Township	912323476
Su meizhu	Female	Local Residents in Da'an Township	963341434
Chen panquan	Male	Director of Guikeli	932569534
Bai yintang	Male	Director of Gaobei	935039730
Xu Wenyi	Female	Local Residents in Gaobei	980217199
Lin Wenqin	Female	Local Residents in Gaobei	933433428
Lin Shiguang	Male	Local Residents in Gaobei	933232222
Zhen Chunjia	Male	Local Residents in Gaobei	426111358
Zhen Qili	Male	Local Residents in Gaobei	921782206
Zhuang Yunhe	Female	Local Residents in Gaobei	426113377
Chen Zizhang	Female	Local Residents in Xiqi	932605929
Pan haishen	Male	Local Residents in Xiqi	426813920
Li zhuanghuang	Female	Local Residents in Xiqi	426813920
Zhen Lixiuqing	Female	Local Residents in Xiqi	426815186
Li bixia	Female	Local Residents in Xiqi	426813895

Chen jianquan	Male	Local Residents in Xiqi	910245635
Zen Qingli	Female	Local Residents in Xiqi	426812961
Wang rongnan	Female	Local Residents in Xiqi	
Wang a'e	Female	Local Residents in Xiqi	426816610
Chen Mirong	Female	Local Residents in Xiqi	426812638

During the local stakeholder consultation, the following concerns were raised by the stakeholders. The following table summarizes the concerns and the response made by the project owner:

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Noise problem might occur for some of the residents from a wind turbine. Is there any approach planned to overcome this problem?	Yes	Monitoring of noise will be monitored who is affected by the project participants if needed.
Traffic conditions and soil condition	Yes	The project participants promised that a good maintenance would be done for the road if it is impacted by the constructions of the project activity. And replantations could be considered according to EIA report if there are any.
Public safety	No	As the project activity will be constructed and operated strictly according to the design and EIA assessment, therefore no public safety issues would be involved. And this has been explained to the stakeholders during the

		meeting, and a consensus has been made that.
--	--	--

According to this stakeholder consultation process, it is clear that the stakeholders are very supportive towards the development of the proposed project.

E.2. Stakeholder Feedback Round

Please describe report how the feedback round was organized, what the outcomes were and how you followed up on the feedback.

During the consultation meeting, the stakeholders were informed that they are invited for the feedback round.

Since no significant issue has been identified in the consultation meeting, the stakeholder feedback round was not conducted as a physical meeting, instead, the relevant documents including PDD, LSC report, passport, IEE which includes the information collected from the first round LSC were made public available by the project owner.

Hard copies of the stakeholder consultation report, PDD and Passport were sent to the stakeholders through the leader of the village community since June, 2016. Besides, the relevant documents were also published at website of VER buyer and GS since June 2016 to invite further comments form local and global stakeholders.

The results of the Stakeholder Feedback Round will be added after the SFR was completed.

E. 3. Discussion on continuous input / grievance mechanism

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	Zhaowei Wind Farm and Tongyuan Wind Farm:Grievance expression book kept by Lai songcun, the	Zhaowei Wind Farm and Tongyuan Wind Farm: The Head of Wubei Village,

	<p>head of Wubei Village, Tongxiao Township, Miaoli County. The telephone number is 00886-037-753737.</p> <p>Chubei Wind Farm: Grievance expression book kept by Lin Qiurong, the head of Chongyi Village, Chubei City. The telephone number is 00886-03-5561016.</p> <p>Taichung III Wind Farm, Chingfeng Wind Farm and Anwei Wind Farm: Grievance expression book kept by Hong Zhengyi, the head of Guike Village, Da'an Township, Taichung County. The telephone number is 00886-04-26713641.</p>	<p>Tongxiao Township, Miaoli County.</p> <p>Chubei Wind Farm: The Head of Chongyi Village, Chubei City.</p> <p>Taichung III Wind Farm, Chingfeng Wind Farm and Anwei Wind Farm: The head of Guike Village, Da'an Township, Taichung County.</p>
Telephone access	+886-2-2395-4886 +41 (0) 22 788 7080	Project manager GS contactor
Internet/email access	info@infra-vest.com info@goldstandard.org annyta.luo@goldstandard.org	Project manager GS contactor

All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan in section G.

SECTION F. Outcome Sustainability assessment

F.1. 'Do no harm' Assessment

[See Toolkit 2.4.1 and Annex H]

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/	Mitigation measure

		medium/ high)	
Human Rights			
1. The project respects internationally proclaimed human rights including dignity, cultural property, and uniqueness of indigenous people. The project is not complicity in Human Rights abuses.	The project respects internationally proclaimed human rights. Taiwan has its own legislation in place prohibiting the violation of human rights principle and it actively enforces the compliance of such principle. Taiwan ratified two UN human rights treaties—the International Covenant on Civil and Political Rights and the International Covenant on Economic, Social, and Cultural Rights—and passed the implementing law to bring relevant regulations and practice into line with the treaties. The widely recognized democracy, political freedom, and human rights watchdog organization, Freedom House rates Taiwan as among the most "Free" nations in Asia (labelled as green), with a 2 in Political Rights and a 1 in Civil Liberties (scale of 1-7, with 1 being the highest) 2015 report: https://freedomhouse.org/report/freedom-world/freedom-world-2015#.VjnMbWQrKLO	Low	N/A
2. The project does not involve and is not complicit in involuntary resettlement.	The proposed project is constructed distanced to residential area. Therefore, resettlement is not at all necessary. The land use permission is offered and it is confirmed that the project does not involve the resettlement.	Low	N/A
3. The project does not involve and is not complicity in the alteration, damage, or removal of any critical cultural heritage.	According to the EIA report, the project is evidenced to be constructed far from any cultural heritage.	Low	N/A
Labour Standards			
4. The project respects the employees' freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedom and rights	Labour rights are protected in the Labour Standards Act (http://law.moj.gov.tw/eng/LawClass/LawAll.aspx?PCod e=N0030001). The right to unionize, bargain collectively are highly protected by Labor Union Law: http://laws.cla.gov.tw/Eng/FLAW/FLAWDAT01.asp?lsid=FL014918 . The project fully respects the employees' freedom and rights and all related laws endorsed within Taiwan R.O.C. Law compliance is subject to government's ruling. Ref: Company's articles. Employee employment contract	Low	N/A
5. The project does not involve and is not complicit in any form of forced or compulsory labour.	Forced or compulsory labour is regulated in the Labour Standards Act (http://law.moj.gov.tw/eng/LawClass/LawAll.aspx?PCod e=N0030001). The project fully respects the employees' rights in accordance with all labour related laws endorsed within Taiwan R.O.C. Law compliance is subject to government's inspection and ruling. In case of any terms of violation, due penalty would be enforced as in accordance to the regulations. Ref: Employee employment contract, Employee Qualification certification, Company's articles	Low	N/A
6. The project does not employ and is	In Taiwan, there is a comprehensive definition of child	Low	N/A

<p>not complicit in any form of child labour.</p>	<p>labour in terms of age limitation, working hours, etc. Such employment regulations are described in Labour Standard Act Chapter 5: http://law.moj.gov.tw/eng/LawClass/LawAll.aspx?PCode=N0030001</p> <p>The proposed project requires a limited number of skilled employees to operate, maintain, and manage the wind farm, as opposed to manufacturing industries, which may require abundant low-skilled labour. Therefore, the project does not employ and is not complicit in any form of child labour. According to the Employee employment contract, it could be confirmed that the project does not employ any child labour.</p>		
<p>7. The project does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.</p>	<p>Specifically regarding the gender equality, detailed enforcement rules are regulated in '<i>Gender Equality in Employment Act</i>' (http://laws.cla.gov.tw/Eng/FLAW/FLAWDAT01.asp?lsid=FL015149 http://laws.cla.gov.tw/Eng/FLAW/FLAWDAT01.asp?lsid=FL015150), and in case of lawsuit occurrence, legal aid could be provided as in accordance to '<i>Regulations for Providing Legal Aid in Lawsuits Concerning Gender Equality in Employment Act</i>' (http://laws.cla.gov.tw/Eng/FLAW/FLAWDAT01.asp?lsid=FL015152)</p> <p>According to the interview with the project owner, the project abides the rules of equality accordingly and does not involve and is not complicit in any form of discrimination.</p>	<p>Low</p>	<p>N/A</p>
<p>8. The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.</p>	<p>Proposed project applies an automated wind power generating facility, equipped with a remote controlling system. Therefore, most of the employees work in indoor environment (at the office), instead of having to standby at the wind farm site. In case of on-site monitoring and device maintenance - since wind turbine does not generate any type of pollutants, employees are not exposed to unsafe or unhealthy environment. The project owner's office space complies with the detailed principles of working environment as described in '<i>Enforcement Rules of Labour Safety and Health at Workplace, Taiwan R.O.C.</i>': http://law.moj.gov.tw/LawClass/LawAllf.aspx?PCode=N0060001</p>	<p>Low</p>	<p>N/A</p>
<p>Environmental Protection</p>			
<p>9. The project takes a precautionary approach in regard to environmental challenges and is not complicity in practices contrary to the precautionary principle.</p>	<p>The project activity is only a wind power project which is not includes any pollutions or similar activities. The project activity dose not threaten human health or the environment. The project will be constructed and operated in an environmental friendly way. All the release (i.e. waste water, solid waste during the</p>	<p>Low</p>	<p>N/A</p>

	construction phase) will be handled according to the national legislation. EIA is conducted in compliance with laws and regulations. And the EIA approval published by the Environmental Protection Agency of Executive Yuan is available.		
10. The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats, including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value or (d) recognized as protected by traditional local community	The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats. According to the EIA, the project is located in an isolated area and there are no critical natural habitats located at or close to the project site. As a wind power project, the project dose not lead to invasive species introduction or activity displacement.	Low	N/A
Anti-Corruption			
11. The project does not involve and is not complicit in corruption	The project is owned by a private equity company, and there is no governmental subsidy disbursed to the project. Therefore, the project does not involve and is not complicit in corruption and is not prone to entrusted power abuse nor corruption. Moreover, Taiwan was ranked 35 out of 180 countries surveyed in Transparency International's Worldwide Corruption Perceptions Index http://en.wikipedia.org/wiki/Corruption_Perceptions_Index .	Low	N/A
Additional relevant critical issues for my project type	Description of relevance to my project	Assessment of relevance to my project (low/medium/high)	Mitigation measure
1			
2			
Etc.			

F.2. Sustainable Development matrix

[See Toolkit 2.4.2 and Annex I]

Insert table as in section D3 from your Stakeholder Consultation report (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' assessment, and include mitigation measure used to neutralise a score of '-'	Check www.undp.org/mdg and www.mdgmonitor.org Describe how your indicator is related to	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated

		local MDG goals		<u>No change in impact:</u> score '0' <u>Positive impact:</u> score '+'
Air quality		MDG Target 7.A: Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources	<p>Chosen parameter: NOx, SOx emission reductions</p> <p>Explanation: Since the fuel combustion in baseline power generation produces air pollutants besides GHG, such as NOx and SOx, the project considerably facilitates air quality improvement by producing clean electricity to the national grid. According to the latest statistic data (2015 data)², 310 kg of SOx and 302 kg of NOx were generated per GWh power generation. Thus, this sustainable indicator scores a "+".</p>	+
Water quality and quantity	To reduce/avoid the noise impacts, following measures : -	MDG Target 7.C: Halve, by 2015, the proportion of people without sustainable access to safe drinking water and basic sanitation	During the project construction period, domestic wastewater is and will be produced. The project owner applies treatment to discharged wastewater to make sure it is complied with the local regulation. The project does not generate and waste water during its operation, therefore it has no impact on the water quality. Thus, it scores '0'.	0
Soil condition		MDG Target 7.A: Integrate the principles of sustainable development into	According to the EIA report, the project activity does not cause any kind of land occupation and	0

² <http://www.taipower.com.tw/content/govern/govern01.aspx?MType=5&MSType=14>

		country policies and programmes and reverse the loss of environmental resources	no deforestation/ plantation removal was necessary since the wind farm construction was in erection-point basis. The proposed project has no impact on soil condition. Therefore it scores "0".	
Other pollutants	To reduce/avoid the noise impacts, following measures will be taken: 1.Restrict working hours, Making no operation of noisy machinery during the rest time of local residents 2. The cars should be equipped with noise control devises such as mufflers.	MDG Target 7.A: Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources	As the main construction sites are not adjacent to the local communities, the impact of noise is limited. And the projects site is far away from the village and mitigation measures implemented during construction work. According to the EIA, the noise level during the operation time is complied with the relevant requirements. This indicator scores "0"	0
Biodiversity	Precaution measure: the locations of wind towers are carefully selected; the surroundings of wind towers are greened.	MDG Target 7.B: Reduce biodiversity loss, achieving, a significant reduction in the rate of loss	Chosen parameter: Re- plantation records The wind projects take very few land (only 42.25 m2 for each wind tower), and all areas in wind farms is replanted to native grass species of plants in order to attract some terrestrial animals to inhabit; Therefore, this scores "0".	0
Quality of employment		MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people	The project development creates recruitment opportunities with qualification standard for technicians during both construction and operation phase.	0

			<p>The staffs were trained by InfraVest, and the training includes technical, operational and maintenance instructions. The project owner provides Labor insurance for the staffs as required by the national regulations. However, since the training programmes were held every year, and the labor insurance is in compliance with the law, thus in a conservative standpoint, this indicator scores a "0".</p>	
Livelihood of the poor		<p>MDG Goal 1: Eradicate extreme hunger and poverty MDG Goal 4: Reduce child mortality rate MDG Goal 5: Improve maternal health</p>	<p>There is no significant impact on this aspect resulting from the project development.</p>	0
Access to affordable and clean energy services		<p>MDG Target 7.A: Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources</p>	<p>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. However, the impact of this indicator on a local level is rather difficult to quantify and monitor. Thus this indicator scores a "0".</p>	0
Human and institutional capacity		<p>MDG Target 3.A: Eliminate gender disparity in primary and secondary education, preferably by 2005, and in all</p>	<p>There is no significant impact on this aspect resulting from the project development.</p>	0

		levels of education no later than 2015 MDG Target 8.F: In cooperation with the private sector, make available benefits of new technologies, especially information and communications		
Quantitative employment and income generation		MDG Target 1.B: Achieve full and productive employment and decent work for all, including women and young people	Chosen parameter: Number of jobs and salary level during the operational phases Explanation: The project activity generates employment opportunities during the project operation period.	+
Balance of payments and investment		MDG Target 8.D: Deal comprehensively with the debt problems of developing countries	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		MDG Target 8.F: In cooperation with the private sector, make available benefits of new technologies, especially information and communications	The wind energy is well developed in Taiwan. Though the equipments are imported from Germany, the project owner had organized capacity building for the local staffs, so that it is no longer necessary to import the skilled foreign workers. Though, there has not been public seminars or workshop held according to the project. Therefore, it scores '0'.	0
Justification choices, data source and provision of references				
Air quality	Since the fuel combustion in baseline power generation produces air pollutants besides GHG, such as NOx and SOx, the project considerably			

	<p>facilitates air quality improvement by producing clean electricity to the national grid. According to the latest statistic data (2015 data), 310 kg of SO_x and 302 kg of NO_x were generated per GWh power generation. Thus, this sustainable indicator scores a “+”.</p> <p>Ref: http://www.taipower.com.tw/content/govern/govern01.aspx?MType=5&MSType=14</p>
Water quality and quantity	<p>According to the EIA report, the project does not generate and waste water during its operation, therefore it has no impact on the water quality.</p> <p>Reference: EIA report</p>
Soil condition	<p>According to the EIA report, the project has no impact on soil condition.</p> <p>Reference: EIA report</p>
Other pollutants	<p>Parameter chosen in assessment of other pollutants impact is level of noise. Survey result of this aspect is reported in the EIA report, it shows that the effect is very minimum. However, for residents who live very close to the wind turbine (< 200 m) and feel affected by the wind noise, the project owner offers to install airtight windows to significantly reduce noise in their houses.</p> <p>Reference: EIA report</p>
Biodiversity	<p>According to the EIA report, the measurement is based on number of affected plants. Since the construction process is kept small-scaled at a time, the impact towards biodiversity is very limited. Furthermore, the re-plantation will be conducted.</p> <p>Reference: EIA report</p>
Quality of employment	<p>Taiwan 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.</p> <p>Reference: EIA report</p> <p>Enforcement Rules of Labour Safety and Health at Workplace, Taiwan R.O.C.: http://law.moj.gov.tw/LawClass/LawAllif.aspx?PCode=N0060001</p>
Livelihood of the poor	<p>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.</p>
Access to affordable and clean energy services	<p>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.</p>
Human and institutional capacity	<p>There were no significant impacts deriving from the proposed project development in any of the possible parameters.</p>
Quantitative employment and income generation	<p>In terms of quantitative employment and income generation, the project activity generate project employment opportunities during the project operation period.</p> <p>Thus, this sustainable indicator scores a “+”.</p> <p>Reference: HR records and employment contract</p>
Balance of payments and investment	<p>Wind farm development in Taiwan will help reduce its dependency in fossil fuel imports. Yet, it requires complex quantification and monitoring</p>
Technology transfer and technological self-reliance	<p>In terms of technology transfer, the staffs responsible for operation and maintenance will be trained in regards of technical issues. The turbine of the project is produced by German Company. However, there is no public seminars or workshop held. The technology was already in the country, no technology transfer.</p>

SECTION G. Sustainability Monitoring Plan

No	1	
Indicator	Air Quality	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	NOx, SOx	
Current situation of parameter	According to Taipower's latest announcement ³ , an average of 310 kg of SOx and 302 kg of NOx emissions are generated for producing 1000 MWh of electricity produced in 2015. Based on such estimation, the proposed project is expected to abate approximately additional 58,180 tSOx and 56,679 tNOx annually	
Estimation of baseline situation of parameter	SOx, NOx emissions deriving from the electricity generated in the grid-connected fossil fuel fired power plants.	
Future target for parameter	Continuous monitoring of how much SOx, NOx are abated by the proposed project.	
Way of monitoring	How	Calculated, based on the announced SOx, NOx Emissions /kwh announced by the grid company.
	When	Data will be compiled and monitored annually. All related records will be provided and verified by the DOE.
	By who	The project owner. The calculation of SOx , NOx abatement will be presented in the monitoring report during verification.

No	2	
Indicator	Quantitative employment and income generation	
Mitigation measure	N/A	
<i>Repeat for each parameter</i>		
Chosen parameter	Number of jobs, salary level	

³ <http://www.taipower.com.tw/content/govern/govern01.aspx?MType=5&MSType=14>

Current situation of parameter		The employees get the job opportunities and all employees are fairly compensated.
Estimation of baseline situation of parameter		Employment opportunity did not exist before the project was developed.
Future target for parameter		The proposed project provides employment to permanent staffs for wind farms operation and all staff will be fairly compensated. The project owner provides health insurance and labor insurance for the employee. Working hours and staff's salary is in compliance with applicable regulations.
Way of monitoring	How	Copy of employment contract and the labour insurance list from Labour Insurance Bureau will be used to specify number of permanent employees of the project owner and to indicate the salary levels.
	When	Data will be compiled and monitored annually. All related records will be provided and verified by the DOE.
	By who	The project owner will keep all employment records.

No		3
Indicator		Biodiversity
Mitigation measure		The locations of wind towers are carefully selected and the surroundings of wind towers are greened.
<i>Repeat for each parameter</i>		Plants re-plantation
Chosen parameter		Re-plantation records
Current situation of parameter		The project owner has already completed replantation for the commission project.
Estimation of baseline situation of parameter		No such record exists
Future target for parameter		Wind turbine itself occupies very little land after completion of construction, with the foundation part of only 6.5 × 6.5 m (42.25 m ²) exposed surface area; and the remaining area of one whole wind farm is also covered by earth. All these areas will be replanted to native grass species of plants, in order to attract some terrestrial animals to inhabit, and the reduced habitat areas due to turbines setting will be reduced to a minimum range.
Way of monitoring	How	Keep replantation records and photos.
	When	Records and photos will be compiled and checked annually. All

		related records will be provided and verified by the DOE.
	By who	The project owner will keep all records and photos.

Additional remarks monitoring

N/A

SECTION H. Additionality and conservativeness

This section is only applicable if the section on additionality and/or your choice of baseline does not follow Gold Standard guidance

H.1. Additionality

[See Toolkit 2.3]

The Additionality Analysis is assessed in the PDD.

H.2. Conservativeness

[See Toolkit 2.2]

This section is not applicable as this is a GS VER project.

ANNEX 1 ODA declaration

[See Toolkit Annex D]

As confirmed with the GS VER project in Taiwan have been exempted from ODA declaration. Taiwan is not an OECD member, and it is not included in the DAC list of ODA recipients. Projects in Taiwan are therefore not eligible for receiving ODA funding. And Taiwan does not have a cap on the GHG emissions.

ANNEX 2 Stakeholder Consultation Meeting Questionnaire Sample

台灣英華威 2012 設置風力發電專案
Infravest Taiwan Wind Farms Bundled Project 2012

Taichung III Wind Farm Project
Taichung Anwei Wind Farm Project
Taichung Chingfeng Wind Farm Project

利益相關方研討會評價表
Evaluation Forms

您對本次會議的印象如何？ What is your impression of the meeting?	很好，以前不曉得 詳細、更深認識
您認為本專案可能會有 哪些正面影響？ What do you like about the project?	不會污染，減少空 污，美化風景
您認為本專案可能會有 哪些負面影響？ What do you not like about the project?	少許聲音 影響不大
姓名（簽名） Signature	莊元和

infraVest

InfraVest Taiwan Wind Farms Bundled Project 2012 Local Stakeholder Consultation Meeting - Participants List

Taichung III Wind Farm Project
Taichung Anwei Wind Farm Project
Taichung Chingfeng Wind Farm Project

利益相關方會議 - 與會者名單

Date and Time / 日期及時間: Nov 27, 2015 11:00 AM

Location / 地點: 台中市大甲區中山路一段 876-1 號

Name 姓名	Sex 性別	Organization 單位名稱	Position 職稱	Contact Details 聯絡方式	Signature 簽名
林明達	男	大甲區		0932 677192	林明達
徐淑雯	女	大甲區		0426816186	徐淑雯
黃碧霞	女	大安區		04-26770026	黃碧霞
蕭麗玉	女	大安區		04-26710082	蕭麗玉
林秋萍	女	大安區		0988080305	林秋萍
張碧珠	女	大安區		0426713611	張碧珠
莊元和	男	大安區		0989-880406	莊元和
吳文燦	男	大安區		0912323476	吳文燦
蘇美珠	女	大安區		0963,341434	蘇美珠
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