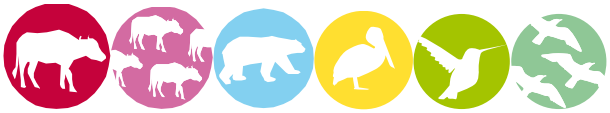
ANNEX R – PASSPORT TEMPLATE

CONTENTS



SECTION A. Project Title

Title: Bac Lieu Province Wind Power Plant

Date: 15 October 2012

Version no.: 1.0

SECTION B. Project description

Bac Lieu Province Wind Power Plant, which is owned by Cong Ly Construction – Trading – Tourism Co., Ltd. includes the construction of a near-shore wind power farm on the area of 540ha along the East Dam (De Dong) of Bac Lieu city, Bac Lieu province, Viet Nam with total capacity of 99.2 MW[1] and gross annual electricity output of 335.2 GWh[1]. The project involves the installation of 62 wind turbines at capacity of 1.6 MW each in two phases.

In the first phase, 10 wind turbines will be installed on 80 ha area. The capacity and net electricity output of Phase 1 is 16 MW[1] and 55,355 MWh/year[1] respectively. Phase 2 includes the installation of the remained 52 turbines with combined capacity of 83.2 MW[1] and annual net output of 272,471 MWh[1].

Prior to the implementation of the project activity, electricity in Viet Nam is generated mainly from fossil fuel sources and is solely distributed to consumers via the unique national electricity grid.

The baseline scenario of the project activity is the same as the scenario existing prior to the start of implementation of the project activity.

The project's purpose is to exploit the wind resources in Bac Lieu province to produce and supply electricity to the national grid under a Power Purchase Agreement (PPA) signed with the Vietnam Electricity (EVN).

The project will reduce the emission of greenhouse gases by replacing electricity generated from fossil fuel fired power plants with zero emissions electricity from a wind power plant. It is expected that the power plant, when in full operation, will result in the reduction of 143,761 tCO_2 on average per year and 1,006,328 tCO_2 over the first crediting period.

To be the first large scale wind power project in the Mekong Delta and the first near-shore wind power project in Viet Nam[2], the proposed project activity will contribute to sustainable development of local and host country in the following aspects:

General contributions towards national sustainable development:

- In recent years, Viet Nam has suffered a critical electricity shortage as a consequence from rapidly increasing demand and insufficient supply, thereby imposing negative impacts on economic growth[3] as well as on daily lives of people[4]. This project activity will be a contribution towards balancing the supply and demand gap. The project will help to lessen the risks of cascading national grid collapse due to overload.

[1] Feasibility Study Report
[2] See further details in the Common practice analysis, Section B.5 of PDD
[3] http://www.uni-bros.com/en/news.php/power_shortages_deter_investors/id=17958/cid=4
[4] http://laodong.com.vn/Kinh-te/Nam-2011-se-thieu-2-ti-kwh-dien/54494.bld and http://giadinh.net.vn/28083p0c1000/mat-dien-thuong-xuyen-tren-dien-rong-nguoi-dan-bi-tra-tan.htm

- Reducing reliance on exhaustible fossil fuel based power sources and also reducing the import of fuels for the purpose of power generation.
- Modern and highly efficient turbines and generators will be used in the project and modern technology will be transferred to host country.
- Viet Nam has high potential of wind energy. However, the total installed capacity at present is only 19 MW[5]. The project will therefore accelerate the deployment of wind energy technologies in Viet Nam.

Contributions towards local sustainable development:

a) Economic well-being

- Once commissioning, this proposed project will increase the industrial share in the economic structure of Bac Lieu province. This proposed project will pay annual tax to the local and State budget.
- This project will facilitate the industrialisation process as well as tourism industry and services inside the province.
- The successful implementation of the project will speed up the commissioning of other wind power projects in the region.

b) Social well-being

- The construction and operation of this project activity will result in the employment of the local people and contribute directly to alleviate poverty in the region.
- The project activity will make the scenery of the coastal area more lively and impressive which can be exploited for tourism and recreation.
- The project will construct a new 22/110 kV-2 x 63 MVA transformer station and about 18.3 km of 110 kV transmission lines[6] together with the wind farm, which will reduce electricity losses and improve the electricity quality supplied in the region.

This demonstrates that the project activity will contribute positively towards sustainable development and that it is consistent with the policies of the Government to encourage environment protection in Vietnam.

Estimated project operation start date: 01 January 2013

SECTION C. Proof of project eligibility

[5] Information on wind energy of Viet Nam, April 2011, GIZ/MoIT wind energy project (http://www.windenergy.org.vn/uploads/Publications/Information_on_wind_energy_in_Viet Nam_ENG_Final.pdf)
[6] Investment Licence dated 12 June 2011

C.1. Scale of the Project

Please tick where applicable:

Project Type	Large	Small
	X	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐

	☐

C.2. Host Country

Vietnam

C.3. Project Type

Please tick where applicable:

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	**X**	☐
Does your project activity classify as an End-use Energy Efficiency Improvement project?	☐	**X**
Does your project activity classify as waste handling and disposal project?	☐	**X**

Please justify the eligibility of your project activity:

- The project activity will reduce the emission of greenhouse gases by replacing electricity generated from fossil fuel fired power plants with zero emissions electricity from a wind power plant. Therefore, it is additional, contribute to sustainable development and results in real, measureable and verifiable permanent emission reductions (See further details in Section B.5 and B.6 the validated PDD). No announcement has been made previously of the project going ahead without the revenues from carbon credits.
- The project activity is located in Vietnam which is a non-Annex I country as defined by the UNFCCC.
- The project activity involves the reduction of Carbon Dioxide (CO_2) which is eligible for Gold Standard crediting.
- The project activity is a Renewable Energy Supply typed project which is eligible for Gold Standard registration.
- The project activity involves the construction of a 99.2 MW wind power plant which is a large-scale project as defined in accordance with UNFCCC rules.
- The project activity applies the approved UNFCCC CDM methodology: Version 13.0.0 of ACM0002 “Consolidated baseline methodology for grid-connected electricity generation from renewable sources” and related tools: Version 02.2.1 of the “Tool to calculate the emission factor for an electricity system” and Version 06.0.0 of the “Tool for demonstration and assessment of additionality”.
- The project activity applies data of the five most recent years (2006-2010) which is the most recent data vintage available at the time of submission of the project for Gold Standard validation, for calculation of Grid Emission Factor.
- The project activity does not use any ODA fundings as defined in the GS manual for Project

Developers.

- The project activity is not involved in other certification or emissions trading schemes and thus is eligible for Gold Standard registration.

Pre Announcement	Yes	No
Was your project previously announced?	☐	X

Explain your statement on pre announcement

No announcement has been made previously of the project going ahead without the revenues from carbon credits. From the beginning of the project development, in the Feasibility Study Report, revenues from CDM have been considered as a crucial factor for the Project Owner to make investment decision. The Project Owner also organized stakeholders consultation meeting to announce to the local community and invite public comments on the development of the project as a CDM project. Furthermore, notification letters of the project developing under CDM were also submitted to relevant competent bodies (Vietnam DNA and UNFCCC) for support of the project.

Major milestones in the development of the proposed project activity are described in the Table below.

Development of the wind power project	**Activities taken to secure CDM status**	**Time**	**Implication on CDM**
Finalize Feasibility Study Report (Phase I and Phase II) which includes CDM consideration		Jun 2010	Evidence for early CDM consideration
Issue Investment License by the People's Committee of Bac Lieu province		10 Jan 2011	
	Achieving the Minutes of a meeting to consult public opinions on the social and environmental impacts of the project in order to develop it as a CDM activity	3 Feb 2011	Evidence for early CDM consideration
Issuing the Investment Decision on implementing the investment project with the CDM application by the Board of Management		16 Feb 2011	Date of making Investment decision
Signing Equipment Purchase Contract		03 June 2011	Starting date of the project activity

	Notification to UNFCCC on idea to develop the project under CDM	2 Nov 2011		
	Notification to Vietnam DNA on idea to develop the project under CDM	16 Nov 2011		
	Signing Emission Reduction Purchasing Agreement	7 May 2012		
Expected commissioning date for the 1st phase		Jan 2013		
Expected commissioning date for the 2nd phase		Jan 2015		

C.4. Greenhouse gas

Greenhouse Gas	
Carbon dioxide	**X**
Methane	☐
Nitrous oxide	☐

C.5. Project Registration Type

Project Registration Type	
Regular	☐

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)
	X	☐	☐

The Start Date of project activity: 03/06/2011

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

	Coordinates
Latitude	9° 12' 07" - 9° 14' 38" N
Longitude	105° 44' 45" - 105° 49' 41" W

☐

Explain given coordinates

The wind power farm is located on the area of 540ha along the East Dam (De Dong) of Hiep Thanh commune, Vinh Trach Dong commune and Nha Mat ward of Bac Lieu city, Bac Lieu Province, Vietnam.

D.2. Map

Figure 1. Geographical location of Bac Lieu Province Wind Power Plant

SECTION E. Outcome stakeholder consultation process

E.1. Assessment of stakeholder comments

Invitations

On 01 February 2011, the Project Owner sent a Letter of Invitation to the Local Stakeholders Meeting for Bac Lieu Province Wind Power Plant. The Letter of Invitation provided non-technical summary of the project and informed that the project was planned for development under CDM. Therefore, representatives of the local communities (including the Chairman/Vice Chairman of the communal People's Committee, Chairman of the communal Fatherland Front's Committee, heads of residential groups and the residents) were invited to the Local Stakeholders Meeting on 03 February 2011 at the office of the project's Management Board to give comments on the socio-economic and environmental impacts of the project (see further details in Annex 2).

Figure 2. Local Stakeholders Consultation meeting on 3 Feb 2011

Participants list

At the meeting on 03 February 2011, there were representatives of the Project Owner (Cong Ly Construction-Trading-Tourism Co. Ltd.), local authorities (communal People's Committee, communal Fartherland Front's Committee of Hiep Thanh commune, Vinh Trach Dong commune and Nha Mat ward) and 13 households from the three affected localities (see further details in Annex 3).

Figure 3. Participants to Local Stakeholders Consultation meeting on 3 Feb 2011

Minutes of the Meeting

The Minutes of the Meeting on 03 February 2011 summarized comments received from stakeholders about the impacts of the project on the local community. Details of the comments are as follows:

- Bac Lieu Wind Power Project will generate clean and stable source of energy for the electricification of rural areas, improvement of people's education and development of production activities as well as contribution to the socio-economic development of the region;
- The project will create jobs for local residents, reduce unemployment rate and make contribution to welfare and social security of the localities;
- The project will contribute to the local budget via tax;
- The project will promote eco-tourism services and attract tourists to the area;
- The development of the project under Clean Development Mechanism will bring about additional revenue which makes the project commercially viable.

Overall, the comments were positive. However, there were some concerns of the project's negative environmental impacts during construction phase. To minimize the impacts, the Project Owner has committed to implement mitigation measures and apply construction methods that meet sanitation requirements and to use modern construction equipment (see further details in the Minutes of Meeting dated 03 February 2011).

E.2. Stakeholder Feedback Round

The Stakeholder Feedback Round will be organized following the guidance provided in the pre-feasibility assessment.

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	Five comment books are made available on the project site, at PO head office and at the Office of the communal People's Committee of three affected communes (Hiep Thanh commune, Vinh Trach Dong commune and Nha Mat ward) so that local stakeholders can provide feedback on the project.	Project site is the place where the local stakeholders can communicate directly (or anonymously via the comment book) with the project's Management Board. The office of the communal People's Committee is a standing unit of the People's Committee to deal with comments from local community on all matters of the commune and is the contact point between local authority and the residents. The comment books will be securedly placed in the chosen locations and daily checked by responsible persons. Since the Local Stakeholders Meeting had already been organized before the project sought GS registration (retroactive project), the PO has informed the stakeholders about the continous input methods which includes details of contents, locations of comment books, phone's numbers

		and email addresses, etc. by sending an announcement to the affected communes and posted it on the project site and PO head office (see Annex 4 for further details).
Telephone access	The telephone numbers of the project's Management Board and of the GS consultancy company are made available for local stakeholders to provide feedback on the project.	The telephones are located at the office of the project's Management Board on the project site, at the office of the Project Owner and at the office of the GS consultancy company to allow more practical communication with local stakeholders. There is always a receptionist on the desk to aswer the calls or have the messages recorded. All received calls shall be logged and recorded with the date, comments, action requested and project responses. Stakeholders are not required to give their personal details when they wish to make a comment. Since the Local Stakeholders Meeting had already been organized before the project sought GS registration (retroactive project), the PO has informed the stakeholders about the continous input methods which includes details of contents, locations of comment books, phone's numbers and email addresses, etc. by sending an announcement to the affected communes and posted it on the project site and PO head office (see Annex 4 for further details).
Internet/email access	The email addresses of the PO and of the GS consultancy company are made available for local stakeholders to provide feedback on	There is always an administrative staff to receive the emails. All received emails shall be logged and recorded with the date, comments, action requested and project responses.

	the project.	Since the Local Stakeholders Meeting had already been organized before the project sought GS registration (retroactive project), the PO has informed the stakeholders about the continous input methods which includes details of contents, location of comment books, phone's numbers and email addresses, etc. by sending an announcement to the affected communes and posted it on the project site and PO head office (see Annex 4 for further details).
Nominated Independent Mediator (optional)	Not applied	Not applied

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

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium/high)	Mitigation measure
Human Rights			
1. The project respects internationally proclaimed human rights. The project is not complicit in Human rights abuses	The project respects internationally proclaimed human rights. Vietnam is a state party to 7 core UN human rights treaties, including the UN International Covenant on Civil and Political Rights (ICCPR) and the International Covenant on Economic, Social and Cultural Rights (ICESCR), to which it acceded in 1982. Vietnam now is playing an increasing role in regional and international affairs. http://www1.umn.edu/humanrts/research/ratific	Low	N/A

	ation-vietnam.html		
2. The project does not involve and is not complicit in involuntary resettlement	The project does not involve and is not complicit involuntary resettlement. According to the EIA report, the implementation of the project only poses impacts on six households with about 40ha of production farm (shrimp breeding) beyond the East Dam (De Dong) of Bac Lieu city. The affected households will be compensated for their current investment activities on the land and be provided with other supportive policies to settle their life in accordance to the legal documents. The project does not require residents to be relocated. *Ref. EIA, page 92*	Low	N/A
3. The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage	The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage. According to the EIA report, the project is mainly constructed on bare land sloping gently down towards the sea with no living of human being. *Ref. EIA, page 20*	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 code of Vietnam. The right to unionize, bargain collectively are highly protected by this code. The project fully respects the employee's freedom and rights and all related laws endorsed by Vietnamese government. *Ref. Labour code of Vietnam, Article 7* http://www.global-standards.com/Resources/VNLaborCode1994-2002.pdf	Low	N/A
5. The project does not involve and is not complicit in	All employees are engaged in the project implementation on a voluntary basis. Forced or compulsory labour is regulated in the Labour code of Vietnam. The project fully respects the	Low	N/A

any form of forced or compulsory labour	employee's rights in accordance with all labour related laws. The 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. Labour code of Vietnam, Article 9*		
6. The project does not employ and is not complicit in any form of child labour	The project does not involve the employment and complicit of child labour. The Host country has its own credible legislation in place prohibiting child labour. In Vietnam, there is a comprehensive definition of child labour in terms of age limitation, working hours, etc. Such employment regulations are described in Labour code of Vietnam. The proposed project requires a limited number of skilled employees to operate, maintain and manage the plant. Therefore, it does not employ and is not complicit in any form of child labour. *Ref. Labour code of Vietnam, Chapter XI*	Low	N/A
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	The project does not discriminate against individuals and employment of staff is not based on gender, race, religion, sexual orientation or on any other basis. In Vietnam (host country), there is labour legislation that protects against some facets of this principle. *Ref. Labor code of Vietnam, Article 5*	Low	N/A
8. The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work	A wind project in general does not expose workers to unsafe or unhealthy work environments in terms of toxins or chemicals. In addition the project follows national safety rules under (Host Country) Law that covers work safety. *Ref. Labor code of Vietnam, Article 7*	Low	N/A

environments.			
Environmental Protection			
9. The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	The precautionary principles have been applied in this project. The environment is protected by several Laws and Regulations in the Host country (Vietnam). The purpose of the "Law on Environmental Protection" is to protect the environment with principles of sustainable development and environment. *Ref. Law on Environmental Protection* http://www.vertic.org/media/National%20Legislation/Vietnam/VN_Law_on_Environmental_Protection.pdf	Low	N/A
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 communities	The project does not involve and is not complicit in significant conversion or degradation of critical natural habitats. The environment is protected by several Laws and Regulations in the Host country (Vietnam). The purpose of the "Law on Environmental Protection" is to protect the environment with principles of sustainable development and environment. *Ref. Law on Environmental Protection* http://www.vertic.org/media/National%20Legislation/Vietnam/VN_Law_on_Environmental_Protection.pdf	Low	N/A
Anti-Corruption			
11. The project	Vietnam has ratified the Convention against	Low	N/A

does not involve and is not complicit in corruption	Corruption. All permits that are required legally have been attained following applicable laws[7]. Furthermore, 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.		
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**
N/A	**N/A**	**N/A**	**N/A**

7 http://vi.wikipedia.org/wiki/C%C3%B4ng_%C6%B0%E1%BB%9Bc_ph%C3%B2ng_ch%E1%BB%91ng_tham_nh%C5%A9ng

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" –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	N/A	This indicator is related to MDG Goal 7: "Ensuring the environmental sustainability"	**Concentrations and Emissions of NOx and SOx** During the operation period, the electricity generated by the project partially replaces electricity generation from other conventional sources of energy, and directly reducing emissions other than GHG such as SOx and NOx, which contributes to the air quality	0

			improvement to a certain extent. However, such contribution is difficult to qualify or measure; therefore, this indicator is scored neutrally.	
	Set up speed limits to vehicles, pray water on the road, cover material trucks, not overload the trucks with construction materials to avoid dust dispersion during transportation. *Ref. EIA, page 81*		**Concentrations and emissions of dust and smoke** Smoke and dust from construction machines and material transportation vehicles may pollute the air in the project's area.	0
Water quality and quantity		This indicator is related to MDG Goal 7: "Ensuring the environmental sustainability", particularly with indicator 7.5 Proportion of total water resources used	**Quantity of water used** During operation, wind farms do not use water for electricity generation, only consumption of drinking water and sanitary water. Compared to existing thermal power plants in Vietnam, the project contributes to reduce water consumption and pollution. However, such contribution is difficult to qualify or measure; therefore, this indicator is	0

			scored neutrally.	
	Waste water from daily life of the workers and solid waste and waste liquid from the construction and operation of the plant shall be collected and treated to meet environmental standards so as not to pollute the water. *Ref. EIA, section 4.3.1.2*	This indicator is related to MDG Goal 7: "Ensuring the environmental sustainability"	**Fuel and oil, solid waste and waste water**	0
	Waste shall be collected, construction materials shall be strictly managed, and modern euqipment shall be used to avoid disturbing the water. *Ref. EIA, page 91*		**Increased sediment levels** The installation of the wind turbines and subsurface cables may temporarily increase sendiment levels in the water column due to disturbance of the seabed.	0
Soil condition	N/A	This indicator is related to MDG Goal 7: "Ensuring the environmental sustainability"	The project is mainly constructed on bare land and the wind-turbines are installed in water so impacts on soil are negilible. *Ref. EIA, page 20*	0
Other pollutants	N/A	This indicator is related to	**Noise and turbulence**	0

		MDG Goal 7: "Ensuring the environmental sustainability"	The construction noise will have little impacts on the surrounding community as it will most likely occur during the day and the wind turbines are all located near-shore with no residence.	
	N/A		**Light** Shadow and flicker effects will occur in the project area. However, since the the wind turbines are all located near-shore with no residence, the impacts are not significant.	0
Biodiversity	The restoration of vegetation cover and protection forest or re-planting of trees will be performed. The area is in fact transferred from management by the local authorities to the management by the Project Owner to promote eco-tourism and exploit wind potential. The investment project shall ensure to	This indicator is related to MDG Goal 7: "Ensuring the environmental sustainability"	**Vegetation** There will be a lost of about 9ha of vegetation and protection forest to accommodate the construction of the wind farm.	0

	comply with current regulations on land management; dam management; management, protection and development of forest; management, protection and development of aquicultural resources; the transfer of land and forest should not result in changing the objectives, duties and the natural landscape of protection forest. *Ref. Offical document No. 221/UBND-TH dated 03 February 2012 on the policy on investment in and exploitation of eco-tourism and expansion of wind power project by the People's Committee of Bac Lieu province.* Moreover, the green cover shall be ensured to take up more than 20% of the construction area of the			

	plant (in accordance to QCVN 01:2008/BXD) *Ref. EIA, page 80, 94*			
	N/A		**Bird migration** There is no identified bird migration route in the project's area. Additionally, the low speed and marked blades allows bird to identify the generators and avoid collisions. *Ref. Migratory shorebirds of the East Asian – Australasian flyways* *http://www.environment.gov.au/biodiversity/migratory/publications/pubs/shorebirds-east-asia.pdf* *Ref. EIA, page 74*	0
	During construction, use modern and synchronous equipment to minimize noise and turbulence. When the plant comes into stable operation, a part of the ecosystem will be		**Habitat** The installation of wind turbines and subsurface cables may result in temporary disturbance of living habitat in the project's area.	0

	restored. The Project Owner will plant trees to create nice scenery and improve the econsystem. *Ref. EIA, page 91,92, 100*			
Quality of employment	N/A	This indicator is related to MDG Goal 1: "Eradicating extreme poverty and hunger"	**Staff recruitment and training** Local staff will be recruited for the construction and operation of the wind power plant. Training will be provided for them to acquire the necessary skills for the job. *Ref. EIA, page 74, page 94*	+
Livelihood of the poor	N/A	This indicator is related to MDG Goal 1: "Eradicating extreme poverty and hunger"	**Porverty alleviation** The project has created household income for the local residents by creating employment opportunities and attract more investors in the industrial zones in the region for economic activites or tourism. The contribution of the project to the local budget via tax also helps eradicate	0

			poverty and hunger. The contribution is however indirect; therefore, this indicator is scored neutrally. *Ref. EIA, page 74*	
Access to affordable and clean energy services	N/A	This indicator is related to MDG Goal 1: "Eradicating extreme poverty and hunger"	**Change in traditional fuel consumption** To be the first large scale wind power project in the Mekong Delta and the first near-shore wind power project in Viet Nam, Bac Lieu Province Wind Power Plant will lead to increased availability of energy from renewable sources ruducing Vietnam's dependence on fossil fuels.	+
Human and institutional capacity	N/A		**Public participation, education and skills** The project raises the awareness of stakeholders about renewable energy in general and wind energy in particular. Since Vietnam has high potential of wind but only one small scale wind power project in Binh	0

			Thuan province is operational, this project shows sucessful implementation of the first large-scale, near-shore wind power project in Vietnam. In terms of capacity building, the employees working on the project can be considered as the main beneficiaries. However, such contribution is difficult to qualify or measure; therefore, this indicator is scored neutrally. *Ref. EIA, page 74, page 94* *http://www.windenergy.org.vn/uploads/Publications/Information_on_wind_energy_in_vietnam_ENG_Final.pdf*	
Quantitative employment and income generation	N/A	This indicator is related to MDG Goal 1: "Eradicating extreme poverty and hunger"	**Employment creation** Project will employ people during the construction and operation phases including local residents, thereby increasing local income.	+

			Ref. EIA, page 74	
Balance of payments and investment	N/A		**Reduction of fossil fuel imports** In Viet Nam, thermal power plants are using coal as fuel which is expensive fossil fuel. Therefore, renewable windpower plants will decrease dependency on these expensive fossil fuels. However, since this impact is small in relation to macro-economic perspective, a neutral score is chosen.	0
Technology transfer and technological self-reliance	N/A		**Introduction of new technology in the region, along with training and workshops:** Wind technology has been newly deployed in Vietnam with only one small-scale operation project. Wind turbines are not yet been domestically manufactured. Main equipment utilized in the project will be supplied by the General Electric Company (GE). Enclosing	+

			with the equipment is usage manual and training course for the operators. Hence, technology transfer will be achieved. *Ref. Equipment Purchase Contracet with GE*	

Justification choices, data source and provision of references

Air quality	The electricity helps reduce emissions of other than GHG such as SOx and NOx from other conventional sources of energy. However, the contribution is difficult to qualify or measure; therefore, this indicator is scored neutrally and no parameter is chosen to monitor the impact. During the construction of the project, there are factors that may affect the air quality such as dust, waste gases from executing means, vehicles, etc. The project proponents have applied proper mitigation measures i.e. set up speed limits to vehicles, pray water on the road or cover material trucks, not to overload the trucks with construction materials to avoid dust dispersion during transportation. Hence, this indicator is given score "neutral" and air quality will be monitored during the construction and operation phase of the project.
Water quality and quantity	In terms of water quantity, the wind power plant helps to reduce water consumption and pollution for electricity generation as compared to the fossil fueled type. However, the contribution is difficult to qualify or measure; therefore, this indicator is scored neutrally and no parameter is chosen to monitor the impact. During the construction of the project, there are factors that may affect the water quality. The use of modern equipment with low turbulence and the strict management of construction material and waste (during both construction and operation) will help to minize the impacts and make the indicator score "neutral". Water quality will be monitored during the construction and operation phase of the project.
Soil condition	The project is mainly constructed on bare land and the wind-turbines are installed in water so impacts on soil are negilible. Therefore, this indicator is given score "neutral" and no parameter is chosen for monitoring.
Other pollutants	The project is mainly constructed on bare land and the wind-turbines are installed in water so impacts from noise, turbulence and light on human being are negilible. Therefore, this indicator is given score "neutral" and no parameter is chosen for monitoring.

Biodiversity	As assessed in the EIA, the project will pose no impacts on bird migration but will result in lost of vegetation cover and temporary disturbance on habitat. The use modern equipment will minimize the impacts on the habitat in the project's area and plantation will help restore the vegetation and and make the indicator score "neutral". Biodiversity will be monitored during the construction and operation phase of the project.
Quality of employment	The project will create employment and training opportunities, involving various jobs, for technicians, qualified and unskilled workers. Labour contract shall be made in accordance with host country laws. The project will monitor the training records and other related parameters.
Livelihood of the poor	Project contributes to the local development by creating more employment opportunites. The project also contributes to local budget via taxes. However, as there is no direct impact, no parameter is chosen for monitoring.
Access to affordable and clean energy services	The project will reduce dependency on expensive fossil fuels (coal, diesel, natural gas, etc.) and create more affordable clean energy for Vietnam. Electrical energy generated by the project will be supplied to the national grid under Power Purchase Agreement (PPA) with EVN. The electricty generation by the project will be monitored.
Human and institutional capacity	Project will contribute to increase the skills for new employees and bring about a higher level of awareness on environmental issues and renewable energy. However, such contribution is difficult to qualify or measure; therefore, this indicator is scored neutrally and no parameter is chosen for monitoring.
Quantitative employment and income generation	Project will generated employment opportunities and income to the local community during both the construction and operation phases. This information will be confirmed during the site visit. The project will monitor the number of jobs created.
Balance of payments and investment	In Vietnam, thermal power plants are using coal as fuel which is expensive fossil fuel. Therefore, renewable power plants like windpower plants will decrease dependency on these expensive fossil fuels. However, since this impact is small in relation to macro-economic perspective, a neutral score is chosen no parameter is chosen for monitoring.
Technology transfer and technological self-reliance	Project will provide opportunities to access wind technology and equipment via training, workshops and practial experience of operating a windpower plant which is of a new electricity generation type in Vietnam. Parameters chosen for monitoring of this indicator are covered by the monitoring of quality of employment.

SECTION G. Sustainability Monitoring Plan

No		1
Indicator		Air quality
Mitigation measure		Set up speed limits to vehicles, pray water on the road, cover material trucks, not overload the trucks with construction materials to avoid dust dispersion during transportation.
Chosen parameter		Dust and pollutant gases in accordance to QCVN 19:2009 column B and QCVN 26:2010
Current situation of parameter		Dust and pollutant gases are emitted into the atmosphere
Estimation of baseline situation of parameter		No dust and pollutant gases are emitted into the atmosphere
Future target for parameter		Dust and pollutant gases are prevented from being emitting into the atmosphere.
Way of monitoring	How	Air quality examination
	When	During the construction/operation
	By who	Project owner/environment centre

No	2
Indicator	Water quality
Mitigation measure	Waste shall be collected, construction materials shall be strictly managed, and modern equipment shall be used to avoid disturbing the water.
Chosen parameter	Water quality parameters in accordance to QCVN 14:2008/BTNMT
Current situation of parameter	Change to the water quality
Estimation of baseline situation of parameter	Water resources are not contaminated
Future target for parameter	Water quality is ensured

Way of monitoring	How	Water quality examination
	When	During the construction/operation
	By who	Project owner/environment centre

No		3
Indicator		Biodiversity
Mitigation measure		During construction, use modern and synchronous equipment to minmize noise and tuburlance. Plant trees to restore the green cover, create nice scenery and improve the econsystem
Chosen parameter		Cultivation of plants
Current situation of parameter		Change to the green cover
Estimation of baseline situation of parameter		Green cover is not removed
Future target for parameter		Green cover is restored
Way of monitoring	How	On-site check
	When	During construction/operation
	By who	Project owner/environment centre

No	4
Indicator	Quality of employment
Mitigation measure	N/A
Chosen parameter	Training records, functions of jobs created, labor conditions of the project activity, occupation health management, safeguards put place and living standards of the plant staff.
Current situation of parameter	Current situation is the same as baseline situation
Estimation of baseline situation of parameter	Staffs to be employed for the project are most local people having poor educational background
Future target for parameter	- The staffs are trained on technical aspects relating to the operation of the plant. They will receive professional certificates. - Jobs help local people improve their living standard by

		receiving the payment made by the project owner and reduce social evils in the region. - Labour condition of the project activity is secured to safeguard effective management of occupation health. The project owner shall be in cooperation with local authorities and medical centres to conduct health checkup for the plant staff; issue policies regarding health care for the plant staff.
Way of monitoring	How	Checking documentation, interview
	When	Once per givern period
	By who	Project owner

No		5
Indicator		Access to affordable and clean energy services
Mitigation measure		N/A
Chosen parameter		Electricity generation from the wind power plant
Current situation of parameter		Same as baseline situation
Estimation of baseline situation of parameter		Windpower electricity is being generated from the only one operational wind power plant in Vietnam
Future target for parameter		More electricty generation from windpower plants
Way of monitoring	How	Quantity of electricty generation
	When	Once per given period
	By who	The project owner/CDM consultant

No	6
Indicator	Quantitative employment and income generation
Mitigation measure	N/A
Chosen parameter	Employment creation/income generation
Current situation of parameter	Both long term and short-term jobs have been created during the construction and operation processes.
Estimation of baseline situation of parameter	No new jobs created.

Future target for parameter		The number of jobs and income will be increased.
Way of monitoring	How	Through the evaluation of documents for wages paid and social security documents.
	When	Once per verification period.
	By who	Project owner

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

Additionality assessment is performed in accordance to the "Tool for demonstration and assessment of additionality", version 06.0.0 approved by UNFCCC. Details are available in the validated PDD.

H.2. Conservativeness

A conservative approach has been followed in calculating the baseline emission factors and investment analysis sections as detailed in the PDD.

ANNEX 1 ODA declaration

To be provided at validation.

ANNEX 2 Invitation to Local Stakeholders Consultation Meeting dated 01 Feb 2012

CHI NHÁNH CÔNG TY TNHH XD-TM-DL CÔNG LÝ	CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM Độc lập – Tự do – Hạnh phúc
Số: 01../TM-CNCL	*Bạc Liêu, ngày 01 tháng 02 năm 2011*

THƯ MỜI HỌP

Về việc Tham vấn ý kiến cộng đồng cho dự án Nhà máy điện gió Bạc Liêu

Công ty TNHH Xây dựng- Thương mại- Du lịch Công Lý đang xây dựng nhà máy điện gió Bạc Liêu với công suất 99,2 MW (giai đoạn 1: 16 MW; giai đoạn 2: 83,2 MW) trên địa bàn xã Vĩnh Trạch Đông, xã Hiệp Thành và Phường Nhà Mát tỉnh Bạc Liêu.

Năng lượng sạch sinh ra từ dự án này sẽ giúp làm giảm lượng nhiên liệu hóa thạch dùng để sản xuất điện và do đó sẽ làm giảm khí nhà kính sinh ra tại Việt Nam. Công ty TNHH Xây dựng- Thương mại- Du lịch Công Lý đã đăng ký dự án theo Cơ chế phát triển sạch (CDM) và sẽ cấp Chứng nhận giảm phát thải (CERs) theo Nghị định thư Kyoto.

Công ty Chúng tôi trân trọng kính mời Quý đại biểu đến dự cuộc họp tham vấn cộng đồng CDM với thành phần, thời gian và địa điểm như sau:

1. Thành phần:
   - Chủ tịch hoặc Phó Chủ tịch UBND Xã, Phường;
   - Chủ tịch UBMTTQ Xã, Phường;
   - Trưởng các Khóm, Ấp;
   - Các hộ dân

2. Thời gian: Vào lúc **09h00' ngày 03 tháng 2 năm 2011**.

3. Địa điểm: Chi nhánh Công ty TNHH Xây dựng - Thương mại - Du lịch Công Lý ***(Ban Quản lý dự án Nhà máy điện gió tỉnh Bạc Liêu)***; Ấp Biển Đông A – xã Vĩnh Trạch Đông, TP.Bạc Liêu, tỉnh Bạc Liêu

Rất mong Quý đại biểu đến tham dự cuộc họp nêu trên để Công ty chúng tôi được ghi nhận các ý kiến của Quý đại biểu về dự án và cũng để góp phần cho cuộc họp đạt được kết quả tốt đẹp.

Trân trọng kính mời!

Nơi nhận:
- Như thành phần;
- Lưu VT.

GIÁM ĐỐC

CHI NHÁNH CÔNG TY TNHH XD-TM-DL CÔNG LÝ

DƯƠNG QUANG LỘC

Translated version:

BRANCH OF CONG LY CONSTRUCTION - TRADING – TOURISM CO., LTD.

No.:01/TM-CNCL

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

Bac Lieu, 01 February 2012

LETTER OF INVITATION
to Local Stakeholders Consultation Meeting for Bac Lieu Province Wind Power Plant

Cong Ly Construction - Trading - Tourism Co., Ltd. is constructing the Bac Lieu Province Wind Power Plant with capacity of 99,2 MW (Phase 1: 16 MW; Phase 2: 83,2 MW) in Vinh Trach Dong commune, Hiep Thanh commune and Nha Mat ward of Bac Lieu city.

The clean energy generated by this project will help reduce the quantity of fossil fuel used for power generation and thus result in GHG emission reductions in Vietnam. Cong Ly Construction - Trading - Tourism Co., Ltd is developing the project for registration of the project under Clean Development Mechanism (CDM) and issuance of Certified Emission Reductions (CERs) under Kyoto Protocol.

We sincerely invite you to the Local Stakeholders Consultation Meeting under CDM with participation, time and place as follows:

1. Participation:
   - Chairman or Vice Chairman of the communal People's Committees;
   - Chairman of the communal Fatherland Front's Committees;
   - Heads of residential groups;
   - Local residents.
2. Time: At 9h00 on 03 February 2011
3. Place: Branch of Cong Ly Construction - Trading - Tourism Co., Ltd. (***Management Board of Bac Lieu Province Wind Power Plant)***: Bien Dong A Hamlet, Vinh Trach Dong commune, Bac Lieu city, Bac Lieu province.

Your presence at the meeting is highly appreciated for us to obtain your comments on the project and to make the meeting successful.

DIRECTOR

(Signed and Sealed)

DUONG QUANG LOC

ANNEX 3 Participants to Local Stakeholders Consultation Meeting on 03 Feb 2012

DANH SÁCH
THÀNH PHẦN THAM DỰ CUỘC HỌP THAM VẤN Ý KIẾN CỘNG ĐỒNG CDM DỰ ÁN ĐIỆN GIÓ BẠC LIÊU
Ngày 03/02/2011

List of participants of Stakeholder Meeting for Bac Lieu wind power project under CDM
Date 03/02/2011

STT	Họ và Tên - Full name	Chức vụ - Title	Ký tên - Signature
1	Thạch Quách	Hộ dân xã Vĩnh Trạch Đông	
2	Dương Văn Quảng	Hộ dân	
3	Danh Chanh	Hộ dân	
4	Phan Thanh Thảo	Phó chủ tịch UBMTTQ	
5	Lâm Thị Hồng Thường	Hộ dân	
6	Đinh Lil	Hộ dân	
7	Lâm Vol	Trưởng Ấp Biển Đông A	
8	Trà Văn Núi	Phó chủ tịch UBMTTQ xã Hiệp Thành	
9	Huỳnh Bửu Trung	Chủ tịch UBMTTQ xã	
10	TRẦN HƯỜNG	Hộ dân	
11	VŨ VĂN ĐIỆP	Trưởng Ấp Giồng Nhãn	
12	TRẦN THANH TUẤN	Hộ dân	
13	TRẦN THANH TOÀN	Hộ dân	
14	CHÂU BẠCH LONG	Hộ dân	

STT	Họ và Tên - Full name	Chức vụ - Title	Ký tên – Signature
15	HUỲNH TRỌNG TƯỞNG	Hộ dân	
16	LÝ THỊ NA	Hộ dân	
17	TRẦN THỊ MỸ LINH	Hộ dân	
18	Phạm Trà Giang	Hộ dân	
19	Thân Đức Phú	Hộ dân	
20	Tô Công Lý	Phó Tổng Giám đốc - Cty Công Lý	
21	Lương Quang Lộc	Giám đốc - CN Cty Công Lý	
22	Nguyễn Thăng Long	Trợ lý Tổng Giám đốc - Cty Công Lý	
23	Nguyễn Phú Hồng	TP TC-HC CN Cty Công Lý	
24	Phan Thị Thu Tiên	NV. TC-HC - CN Cty Công Lý	
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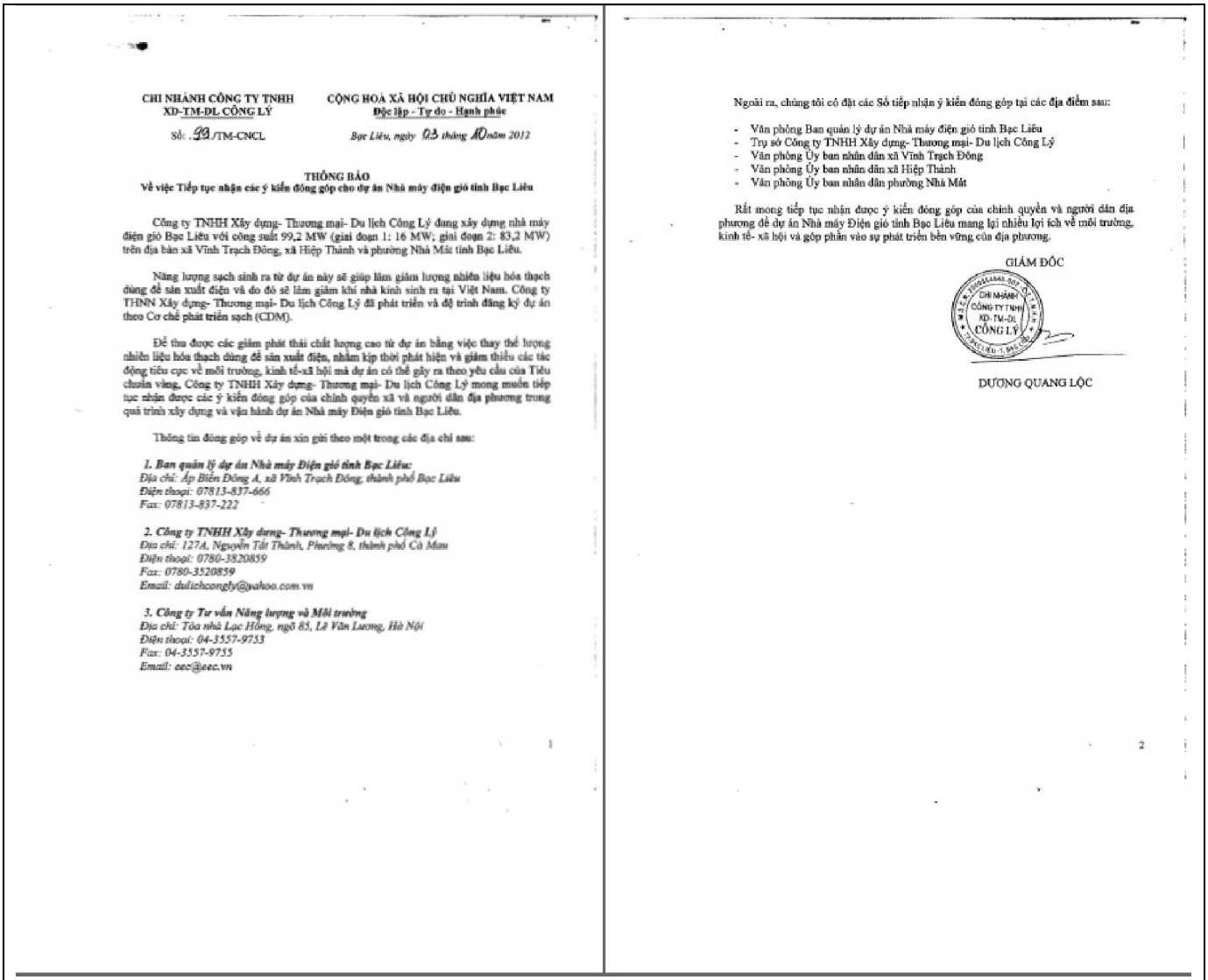
(Translated version of the Participants List to the Meeting is included in the Minutes of Meeting provided separately)

ANNEX 4 Announcement on Continuous Input methods



CHI NHÁNH CÔNG TY TNHH XD-TM-DL CÔNG LÝ

Số: 99/TM-CNCL

CỘNG HOÀ XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

Bạc Liêu, ngày 03 tháng 10 năm 2012

THÔNG BÁO
Về việc Tiếp tục nhận các ý kiến đóng góp cho dự án Nhà máy điện gió tỉnh Bạc Liêu

Công ty TNHH Xây dựng- Thương mại- Du lịch Công Lý đang xây dựng nhà máy điện gió Bạc Liêu với công suất 99,2 MW (giai đoạn 1: 16 MW; giai đoạn 2: 83,2 MW) trên địa bàn xã Vĩnh Trạch Đông, xã Hiệp Thành và phường Nhà Mát tỉnh Bạc Liêu.

Năng lượng sạch sinh ra từ dự án này sẽ giúp làm giảm lượng nhiên liệu hóa thạch dùng để sản xuất điện và do đó sẽ làm giảm khí nhà kính sinh ra tại Việt Nam. Công ty THNN Xây dựng- Thương mại- Du lịch Công Lý đã phát triển và đệ trình đăng ký dự án theo Cơ chế phát triển sạch (CDM).

Để thu được các giảm phát thải chất lượng cao từ dự án bằng việc thay thế lượng nhiên liệu hóa thạch dùng để sản xuất điện, nhằm kịp thời phát hiện và giảm thiểu các tác động tiêu cực về môi trường, kinh tế-xã hội mà dự án có thể gây ra theo yêu cầu của Tiêu chuẩn vàng, Công ty TNHH Xây dựng- Thương mại- Du lịch Công Lý mong muốn tiếp tục nhận được các ý kiến đóng góp của chính quyền xã và người dân địa phương trong quá trình xây dựng và vận hành dự án Nhà máy Điện gió tỉnh Bạc Liêu.

Thông tin đóng góp về dự án xin gửi theo một trong các địa chỉ sau:

1. Ban quản lý dự án Nhà máy Điện gió tỉnh Bạc Liêu:
Địa chỉ: Ấp Biển Đông A, xã Vĩnh Trạch Đông, thành phố Bạc Liêu
Điện thoại: 07813-837-666
Fax: 07813-837-222

2. Công ty TNHH Xây dựng- Thương mại- Du lịch Công Lý
Địa chỉ: 127A, Nguyễn Tất Thành, Phường 8, thành phố Cà Mau
Điện thoại: 0780-3820859
Fax: 0780-3520859
Email: dulichcongly@yahoo.com.vn

3. Công ty Tư vấn Năng lượng và Môi trường
Địa chỉ: Tòa nhà Lạc Hồng, ngõ 85, Lê Văn Lương, Hà Nội
Điện thoại: 04-3557-9753
Fax: 04-3557-9755
Email: eec@eec.vn

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Ngoài ra, chúng tôi có đặt các Sổ tiếp nhận ý kiến đóng góp tại các địa điểm sau:

- Văn phòng Ban quản lý dự án Nhà máy điện gió tỉnh Bạc Liêu
- Trụ sở Công ty TNHH Xây dựng- Thương mại- Du lịch Công Lý
- Văn phòng Ủy ban nhân dân xã Vĩnh Trạch Đông
- Văn phòng Ủy ban nhân dân xã Hiệp Thành
- Văn phòng Ủy ban nhân dân phường Nhà Mát

Rất mong tiếp tục nhận được ý kiến đóng góp của chính quyền và người dân địa phương để dự án Nhà máy Điện gió tỉnh Bạc Liêu mang lại nhiều lợi ích về môi trường, kinh tế- xã hội và góp phần vào sự phát triển bền vững của địa phương.

GIÁM ĐỐC

CHI NHÁNH CÔNG TY TNHH XD-TM-DL CÔNG LÝ

DƯƠNG QUANG LỘC

2

Translated version:

BRANCH OF CONG LY CONSTRUCTION - TRADING – TOURISM CO., LTD.

No. 99/TM-CNCL

SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness

Bac Lieu, day 03 month 10 year 2012

NOTIFICATION
Re.: Continue receiving comments for Bac Lieu Province Wind Power Plant

Cong Ly Construction - Trading - Tourism Co., Ltd. is constructing the Bac Lieu Province Wind Power Plant with capacity of 99,2 MW (Phase 1: 16 MW; Phase 2: 83,2 MW) in Vinh Trach Dong commune, Hiep Thanh commune and Nha Mat ward of Bac Lieu city.

The clean energy generated by this project will help reduce the quantity of fossil fuel used for power generation and thus result in GHG emission reductions in Vietnam. Cong Ly Construction - Trading - Tourism Co., Ltd has developed and submitted for registration of the project under Clean Development Mechanism (CDM).

In order to obtain high quality emission reduction and to timely detect and minimize the potential negative impacts of the project on the environment, and the socio-economy for the project's emission reductions to be Gold Standard labeled, Cong Ly Construction - Trading - Tourism Co., Ltd wishes to continue receiving public comments from local authorities and local people during the construction and operation of the Bac Lieu Province Wind Power Plant project.

Comments on the project can be sent to the following contact details:

1. ***Management Board of Bac Lieu Province Wind Power Plant:***
Address: Bien Dong A Hamlet, Vinh Trach Dong Commune, Bac Lieu City
Telephone: 07813-837-666
Fax: 07813-837-222

2. ***Cong Ly Construction - Trading - Tourism Co., Ltd***
Address: 127A, Nguyen Tat Thanh Street, Ward 8, Ca Mau City
Telephone: 0780-3820859
Fax: 0780-3520859
Email: dulichcongly@yahoo.com.vn

3. ***Energy and Environment Consultancy Joint Stock Company***
Address: Floor 6, Lac Hong Building, Alley 85, Le Van Luong, Hanoi
Telephone: 04-3557-9753
Fax: 04-3557-9755
Email: eec@eec.vn

Additionally, we have placed the Comment Books at the following locations to collect stakeholders' comments on the project:

- Office of Management Board of Bac Lieu Province Wind Power Plant
- Head Office of Cong Ly Construction - Trading - Tourism Co., Ltd
- Office of the People Committee of Vinh Trach Dong commune
- Office of the People Committee of Hiep Thanh commune
- Office of the People Committee of Nha Mat ward

Your valuable comments are highly appreciated to ensure the environmental, socio-economic benefits of the project and the sustainable development of the localities.

DIRECTOR
(signed and sealed)
DUONG QUANG LOC