



AYITEPA WIND FARM PROJECT NEWSLETTER

GREAT NINGO

Issue 11 - March 2018



3rd Global Wind Day Awards Presentation - October 2017

The Global Wind Day was celebrated on the 15th of June 2017 worldwide with different events. The day is set aside for education on wind energy, connect people on this renewable energy and outline the positive outcomes of wind energy to people all around the world.

To promote wind energy in Ghana and specifically the Ayitepa Wind Farm, NEK organised in 2015 and 2016 wind day celebration activities in Ayetepa and Dawa supported by Lekela Power BV. Last year, the idea was to organise an Essay Writing contest for students in order to educate youngsters about wind energy and to make them reflect about energy in a competitive way. Twenty-five (25) schools with more than 1,000 students were invited to submit their essays on the topic of "What can I do to protect my environment" and "Comparison of Wind and Coal Energy" for both Primary and Junior High Schools respectively. The event was sponsored by Lekela Power BV who are the investor and operator of the 225 MW Wind Farm Ayitepa in the Greater Accra Region of Ningo.

From the schools in the local communities surrounding the planned 225 MW Wind Farm Ayitepa, a total of 20 schools participated: each class had about 30 - 60 students making submissions, so a total of between 1,200 to 2,400 pupils participated.

On Friday, 6th October 2017, Upwind Ayitepa Ltd. made the award presentations at the various schools: *Minya D/A Basic, Nyigbena D/A Basic 'A' school, Dawa Nurul Islamic Basic School, JHS - Lekpongunor D/A JHS, Ahwiam D/A JHS 'A', Ayetepah D/A JHS 'A'* from which emerged winners of the Global Wind Day essay writing competition.



Introduction

Dear Reader,

You are warmly welcome to the eleventh issue of the Great Ningo Wind Farm newsletter. The purpose of this newsletter is to keep you updated on development activities leading to the construction of the **225 MW Wind Farm Project** at Great Ningo.

In this issue, we would like to give you an update on what has happened in the last months including the 3rd Global Wind Day celebration, a Capacity Building Event in South Africa, exhibition of the new Project Information Notice Boards and an Asset Inventory Survey in the project area.

For more information, please visit our website www.upwindayitepa.com and get abreast with more project updates. Please feel free to give us your feedback.

Best regards,

Samuel, Emmanuel and Jeff



(Community Liaison Team)

Upcoming Events

- Continuation of Asset Inventory within the project area
- Notice Boards to be placed around project perimeter
- 4th Community Engagement Event 2018
- 4th Global Wind Day 2018
- Detailed Geotechnical Survey
- Agricultural Support Programmes

Asset Inventory in Project Area

On 21st August 2017, the Upwind team together with their surveyors commenced an Asset Inventory led by Mr. Joseph Addai (Lands Manager, Lekela) and the Community Liaison Officers in order to record the farmers data and the farms that fall on the access roads and turbine locations on the project area.

The aim of the asset inventory is to better understand the agricultural activities that are going on the project area in order to effectively plan the agricultural support programs for the communities. This exercise was done with the support of the district agricultural department - NiPDA.



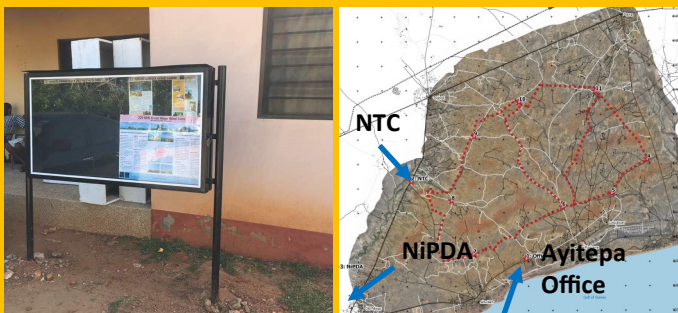
The District Agricultural Department officers assisting with mapping of farm assets within Lower Saunya Family Land area.

A mini community engagement is held for the local stakeholders with the family members and farmers who work on the family land for discussions and also to explain to them how the exercise will be done before the Upwind team and their surveyors head out to the project area.

New Project Information Notice Boards

New Project Information Notice Boards will be exhibited around the whole project area for updates and progress of the Wind Farm. Three of them have already been placed at: Upwind office, Ningo Traditional Council and Ningo-Prampram District Assembly

Below is the map of the selected locations for the Notice boards around the Project area. Those around the project area are to inform the local stakeholders and the farmers who will continue to work within the project area about the benefits, updates and progress of the Wind Farm.



Ningo Prampram District Assembly - Project Information Notice Board

Capacity Building Event in South Africa



In the second part of October 2017, a delegation of engineers and managers of the Ghanaian Grid Operator GRIDCo and the Electricity Company of Ghana visited Lekela's wind farms in South Africa. The one-week event was attended by 15 people from ECG and GRIDCo.

The Ghanaian delegation visited Lekela's **Loeriesfontein** and **Khobab** sister wind farms, with an installed capacity of 140 MW each, which recently were connected to the South African grid (ESKOM). The specialists were present when the farms commenced Grid Code testings which are undertaken before a wind farm can be connected to the country's national energy grid. For commercial operations it must be tested to certify that it complies with both performance requirements and the grid code. In order to do this, a sufficient steady wind is required to carry out a full test of the performance and compliance of the wind farm to the grid code under representative conditions.

Ebenezer Baiden, General Manager for Regulatory and Governmental Affairs of ECG, stated:

"The visit and training sessions were an eye opener to the Ghanaian Delegation in three ways: First, it provided a clear understanding of the prerequisites for commissioning a wind farm, processes required and the criteria for acceptance of test results. Secondly, it demonstrated how wind power projects could support grid balancing and dispatch. This was of great concern to the Ghana team. Lastly, the issue of reactive power compensation and ancillary services as the bigger picture was made very clear. And I believe it has set the tone for bigger discussions on PPA pricing, costing of ancillary services and its administration in Ghana."



More information regarding Lekela's South African wind farms can be found under www.khobabwind.co.za and www.loeriesfonteinwind.co.za.

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