

## **Initial Project Summary**

Project Location: Taiba Ndiaye, Tivaoune, Thiès, Senegal

Name of Applicant: Projet Eolien Taiba Ndiaye SA

Name of Project: Taiba Ndiaye Wind Farm

Project Description: The proposed Project involves the construction and operation of a 151.8 MW wind farm, including 46 wind turbines and 34 km of internal access roads, in the Thiès region of Senegal, North West of Tivaoune. The project has a technical footprint of about 49.5 ha with wind turbines covering a total surface area of approximately 7.5 ha. The land for the Project was acquired from the Municipality of Taiba Ndiaye and will be subject to a long-term lease between the Project and the Region of Thiès. This land was formally used for agricultural practices by the people within the Municipality of the Taiba Ndiaye, causing 341 people to be economically displaced because of this Project. Power will be transmitted via the existing high voltage (90 and 225 kV) transformer sub-station at Tobène, about 1 km southeast of the project. Senelec, the national electricity company of Senegal, is the sole purchaser of the energy produced by the Project.

Environmental and Social Categorization and Rationale: The Project has been reviewed against OPIC's categorical prohibitions and determined to be categorically eligible. The Project is screened as Category A because the Project represents a large-scale greenfield wind project which could have significant adverse environmental and social impacts that are diverse and irreversible. The major environmental and social concerns related to the Project include economic displacement as a result of land acquisition, potential impacts on resident and migrating birds and bats, visual and noise impacts, potential impacts from shadow flicker and impacts to community health and safety resulting from increased traffic and influx of non-local workers.

Environmental and Social Standards: OPIC's environmental and social due diligence indicates that the Project will have impacts that must be managed in a manner consistent with the following International Finance Corporation (IFC) 2012 Performance Standards: PS 1: Assessment and Management of Environmental and Social Risks and Impacts; PS 2: Labor and Working Conditions; PS 3: Resource Efficiency and Pollution Prevention; PS 4: Community Health, Safety, and Security; PS 5: Land Acquisition and Involuntary Resettlement; and PS 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources. Performance Standard 7 and 8 are not triggered by the Project at this time. Applicable provisions of the IFC General Environmental, Health and Safety (EH&S) Guidelines and the EH&S Guidelines for Wind Energy also apply to the Project.

Location of Local Access to Project Information: Public disclosure of the wind farm ESIA started in 2009, when a public consultation program was organized and meetings took place between February 24-28 2009 with government authorities and representatives of 15 local villages. Additional stakeholder meetings and public hearings have been held in 2010, 2012, 2014 and 2015.

The ESIA is available in French at the Direction de l'Environnement et des Etablissements Classés (DREEC) and Taiba N'Diaye mayor's offices:

Direction de l'Environnement et des Etablissements Classés  
106 rue Carnot  
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Senegal

Mairie de Taiba N'Diaye  
Taiba N'Diaye  
Département de Tivaouane  
Région de Thiès