

Initial Project Summary – Indorama Eleme Fertilizers and Chemicals Limited

Project Location: Eleme, Port Harcourt, Rivers State, Nigeria

Name of Applicant: Indorama Eleme Fertilizers and Chemicals Limited.

Project Description: The Project involves setting-up of a second train for the production of ammonia at the rate of 2,300 metric tonnes per day (MTPD) and granulated urea at the rate of 4,000 MTPD at Indorama's existing petrochemicals complex. The second train will be constructed adjacent to the first train with a similar production capacity. The first train was commissioned in 2016. Natural gas will be used in a steam reformer to generate hydrogen which will then be combined with nitrogen from the air to manufacture ammonia. Ammonia will then be reacted with carbon dioxide from the steam reformer to manufacture granulated urea. Natural gas is currently being piped to the Indorama Petrochemicals Complex from nearby gas fields. The gas supply company will transport gas for the second train by adding another pipeline in the pipeline corridor in an existing right-of-way.

Environmental and Social Categorization and Rationale: The Project has been screened as Category A because it requires modifications to a major manufacturing complex and has the potential for accidental releases of ammonia. The major environmental and social risks associated with the Project include the potential for ammonia and particulate matter releases beyond the Project boundary, occupational health and safety risks associated with the handling of hazardous materials (including hydrogen, ammonia, and methane), and potential risks to community health and safety.

Environmental and Social Standards: International Finance Corporation's (IFC) Performance Standards (PS, January 2012) 1 (Assessment and Management of Environmental and Social Risks and Impacts), 2 (Occupational Health and Safety), 3 (Resource Efficiency and Pollution Prevention), and 4 (Community Health, Safety, and Security) are applicable. Based on the information currently available, the Project will not acquire land as the Sponsor already owns the Project site that is located in an industrial estate and no biodiversity resources have been identified at or near the Project site. In addition, there are no indigenous people or cultural resources at or near the Project site. Therefore, PS 5, 6, 7, and 8 are not expected to apply to the Project.

Environmental Guidelines applicable to the Project include: International Finance Corporation's (IFC) General Environmental, Health, and Safety (EHS) Guidelines (April 2007) and IFC's Nitrogenous Fertilizer Production EHS Guidelines (2007).

Location of Local Access to Project Information: A copy of the Environmental and Social Impact Assessment (ESIA) may be found at the following location:

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