Early Warning System

DFC-ELEME

Indorama Eleme Fertilizer

Quick Facts

Countries	Nigeria
Specific Location	Eleme, Port Harcourt; Onne Port Complex; Aleto, Okerewa, Agbonchia, Njuru, Akpajo, Elelenwo
Financial Institutions	US International Development Finance Corporation (DFC)
Status	Proposed
Bank Risk Rating	A
Borrower	Indorama Eleme Fertilizers and Chemicals Limited
Sectors	Agriculture and Forestry, Energy, Industry and Trade
Project Cost (USD)	$ 74.20 million

Project Description

As stated by the DFC, the Project involves development of a third 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 (Line 3 Plant) at the existing petrochemicals complex of Indorama Eleme Fertilizer and Chemicals Limited (IEFCL). The third train will be constructed adjacent to the first and second trains with a similar production capacity. The first train was commissioned in 2016, with funding from IFC and other DFIs. 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 IEFCL's petrochemicals complex from nearby gas fields. The gas supply company will transport gas for the third train by adding another pipeline in the pipeline corridor in an existing right-of-way.

The Line 3 Plant will contain steam production, cooling tower, water treatment, product handling, power generation, nitrogen plant, air and instrument air, passive and active firefighting systems, along with product storage and material handling facilities. In addition, the expansion of production facilities will result in an estimated surplus of
400 MTPD of ammonia. To facilitate exports of fertilizer and ammonia, IEFCL will also undertake the construction of a dedicated jetty, the Line 3 Jetty. Positioned approximately
20 kilometers from the fertilizer production site, at the Onne Port Complex, this planned jetty will expand Indorama's existing export infrastructure capacity by providing
necessary storage and export capabilities for the surplus ammonia and bulk urea produced by Line 3. The jetty is considered an associated facility to the Project.

A complaint on behalf of IEFCL employees was filed with IFC's CAO in 2018. The CAO is currently undertaking a compliance review of the case and is in the monitoring phase.

Investment Description

- US International Development Finance Corporation (DFC)

No information on DFC's investment available at the time of disclosure.

Private Actors Description

As stated by the IFC, Indorama is "a global business entity with US$29.6 bn in revenues. Indorama was established in 1976, and it is wholly owned by Mr. S.P. Lohia and family. Indorama manufactures polyester, polyethylene terephthalate (PET) resins and bottles, polyester intermediates, polyethylene, polypropylene, spun yarns, fabrics, disposable gloves, hygiene, and fertilizers. Indorama is the world’s largest producer of polyester and PET resins as well as one of the fastest growing global petrochemical producers with a presence in 39 countries across 175 sites across Asia, Europe, Africa, and Americas."

Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Indorama Eleme Fertilizer & Chemicals Ltd	Client	Industry and Trade

Contact Information

A copy of the Environmental and Social Impact Assessment (ESIA) may be found at the following locations -

Indorama Eleme Fertilizers & Chemicals Ltd:

Indorama Petrochemicals Complex, East -West Expressway, Eleme, PMB-5151, Port Harcourt, Rivers State, Nigeria

Federal Ministry of Environment, EIA Division:

Environment House, Independence Way, South Central Business District-FCT, Abuja, Nigeria

ACCESS TO INFORMATION

Unlike many other development finance institutions, DFC does not currently have an access to information policy.

Under the United States Freedom of Information Act (FOIA), DFC is obliged to respond to reasonably formulated requests for Agency records. However, DFC may apply exemptions from release to certain types of information and may charge fees in responding to requests. DFC has a designated FOIA officer who is trained in how to respond to requests and implement the law. You can learn more about filing a FOIA request at: https://www.dfc.gov/foia

ACCOUNTABILITY MECHANISM OF THE UNITED STATES INTERNATIONAL DEVELOPMENT FINANCE CORPORATION (DFC)

The Office of Accountability is an independent office that addresses complaints about environmental or social issues related to DFC-supported projects. The office provides communities an opportunity to have concerns independently reviewed and addressed. If you submit a complaint to the Office of Accountability, it may assist you by either seeking to address your problems by facilitating a problem solving dialogue between you and those implementing the project and/or investigating whether the DFC complied with its policies to prevent environmental, social, human rights, and labor harms.

You can find more information about the Office of Accountability at: https://www.dfc.gov/who-we-are/office-accountability

Bank Documents

- Air Quality Monitoring Report [Original Source]
- Appendix A: Terms of Reference and Scope of EIA Studies [Original Source]
- Appendix B: Stakeholder Engagement Plan [Original Source]
- Appendix C: Environmental and Social Management and Monitoring Plan (ESMMP) [Original Source]
- Aquatic Biodiversity Study [Original Source]
- Baseline Noise Assessment [Original Source]
- Environmental and Social Impact Assessment (ESIA) [Original Source]
- Geology/Hydrogeology Report [Original Source]
- Ground Water Quality Assessment Report [Original Source]
- Impact Assessment Report [Original Source]
- Initial Project Summary [Original Source]
- Meteorology/Climate Report [Original Source]
- Meteorology/Climate Report - Appendix (Field Results) [Original Source]
- Sediment Assessment Report [Original Source]
- Soil Assessment Report [Original Source]
- Surface Water Quality Assessment Report [Original Source]
- Terestrial Biodiversity Study Report [Original Source]
- Traffic Raw Data [Original Source]
- Traffic Survey Report [Original Source]

Other Related Projects

- IFC-47723 Indorama Eleme Fertilizer-III