Early Warning System

IFC-47553

Atome Villeta Green Fertilizer

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Quick Facts

Countries	Paraguay
Specific Location	City of Villeta
Financial Institutions	International Finance Corporation (IFC)
Status	Proposed
Bank Risk Rating	A
Borrower	ATOME Paraguay, S.A.E.
Sectors	Industry and Trade
Investment Type(s)	Loan
Investment Amount (USD)	$ 130.00 million
Project Cost (USD)	$ 130.00 million

Project Description

The proposed IFC investment is an up to US$130 million financing including: (i) an IFC A Loan of up to US$[30]mn, and (ii) a subordinated loan of up to US$[75-105]mn to ATOME Paraguay SAE (the “Company” or the “Borrower”), a wholly owned subsidiary of ATOME Energy PLC (“ATOME” or the “Sponsor”)- (https://www.atomeplc.com/), a UK-listed company focused on the development of greenfield green hydrogen projects for the purpose of producing, marketing and distributing green fertilizers. The proposed project entails the financing of Paraguay’s first green hydrogen fertilizer project, the Villeta 145MW production facility, designed to produce up to 260,000 tons per annum (tpa) of green calcium ammonium nitrate (“CAN”), a low-carbon fertilizer (“the Project”). The Project is located 30km to the south of Villeta municipality, within an industrial area in development, near the eastern bank of the Paraguay River and approximately 3km east of the border with Argentina. The Project encompasses construction and operation of a green hydrogen fertilizer plant that will include the following: (i) an electrolysis plant with an installed capacity of 110MW and a pressurized alkaline water electrolysis system with a nominal capacity of 1,978kg/h, and onsite storage capacity of 10 m3 at 15 bar of operational pressure ; (ii) an air separation unit with a cryogenic distillation unit; (iii) an ammonia synthesis plant with a Haber-Bosch fixation process with a double metallic wall storage tank with a 1432,4 m3 of volume at refrigerated liquid-phase storage under normal pressure; (iv) a Nitric Acid plant designed per EU BAT; (v) an Ammonium Nitrate Solution plant; and (vi) a Granulation Plant. The Project will also require ancillary infrastructure including a 0.5km-long 220kV interconnection line (IL) and a 2.5km-long water line with associated water intake structure and wastewater discharge system. The project is currently in the planning phase and is expected to have a construction schedule of 38 months.

Investment Description

- International Finance Corporation (IFC)

Contact Information

IFC

ACCESS TO INFORMATION

You can submit a request for information disclosure at: https://disclosures.ifc.org/#/inquiries.

If you believe that your request for information from IFC has been unreasonably denied, or that this Policy has been interpreted incorrectly, you can submit a complaint at the link above to IFC's Access to Information Policy Advisor, who reports directly to IFC's Executive Vice President.

ACCOUNTABILITY MECHANISM OF IFC/MIGA

The Compliance Advisor Ombudsman (CAO) is the independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an IFC or MIGA- financed project. If you submit a complaint to the CAO, they may assist you in resolving a dispute with the company and/or investigate to assess whether the IFC is following its own policies and procedures for preventing harm to people or the environment. If you want to submit a complaint electronically, you can email the CAO at CAO@worldbankgroup.org. You can learn more about the CAO and how to file a complaint at http://www.cao-ombudsman.org/

Bank Documents

- ATOME - Analisis de Impactos Acumulativos (2)
- EIA CAP 00 RESUMEN EJECUTIVO
- EIA CAP 01 Introduccion_0
- EIA CAP 02 DESCRIPCION DEL PROYECTO
- EIA CAP 03 Estudio de Alternativas
- EIA CAP 04 Marco Legal
- EIA CAP 05 Diagnostico (linea de base)
- EIA CAP 06 ANALISIS DE IMPACTOS Y RIESGOS_0
- EIA CAP 07 Plan de Gestion Ambiental y Social (PGAS)
- EIA CAP 08 Conclusiones
- EIA CAP 09 Referencias bibliograficas
- EIA CAP 10 Equipo tecnico
- EIA CAP 11 Anexos_0