

 Early Warning System

DFC-ATOME

Environmental and Social Impact Assessment for Atome Fertilizer Plant



Quick Facts

Countries	Paraguay
Specific Location	Puerto Sara, south of the city of Villeta
Financial Institutions	US International Development Finance Corporation (DFC)
Status	Active
Bank Risk Rating	A
Borrower	Atome Paraguay S.A.
Sectors	Industry and Trade



Project Description

According to the Bank's website, the Project involves development, construction, and operation of a large-scale Calcium Ammonium Nitrate (CAN) fertilizer production plant (260,000 tons/year). To produce the CAN granulated fertilizer, the plant will include a Nitric Acid Plant, an Ammonium Nitrate Solution Plant and a Granulation Plant. The CAN fertilizer will be produced by combining ammonium nitrate solution with crushed dolomite and a coating agent. The plant will require up to 12.4 MW of power and 172 tons/day of dolomite. Power will be provided through a long-term PPA with ANDE, the national utility using 100% hydropower. Dolomite will be provided through a local supplier in Northern Paraguay, still yet to be determined. The Project consists of the following components:

- A large-scale fertilizer production plant of granulated Calcium Ammonium Nitrate (CAN).
- A 220 kV electric transmission line of approximately 550 m in length with four towers and substation.
- A water intake, pumping house and approximately 2 km pipeline for the provision of water from the Paraguay River.
- An effluent discharge pipeline to be installed in the same right-of-way as the water intake pipeline.



Early Warning System Project Analysis

The Project is screened as Category A because the Project is an integrated chemical installation that manufactures, on an industrial scale, nitrogen-based fertilizer. The major environmental and social risks associated with the Project include the potential for ammonia and particulate matter releases, occupational health and safety risks during construction and operations, including the handling of hazardous materials (hydrogen and ammonia) during operations, contaminated water and waste water, conversion of habitat that supports priority biodiversity features (e.g., natural habitat per PS 6), the need for appropriate stakeholder engagement, and labor management.

There are no known Indigenous Peoples, cultural heritage sites, or inhabitants within the Project site, and no resettlement or economic displacement is anticipated.



Investment Description

- US International Development Finance Corporation (DFC)

Investment type and amount not available at the time of disclosure.



Private Actors Description

ATOME is a global developer of zero-carbon fertiliser products using 100% renewable energy sources to decarbonise the existing agricultural market. *ATOME* is listed on the AIM market of the London Stock Exchange and is the first and only listed pure-play green fertiliser developer.



Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Atome Paraguay S.A.	Client	-



Contact Information

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

Municipality of Villeta Office

Presbítero Enrique Schoenfeld y Mariscal Estigarribia,

Distrito de Villeta, Paraguay

DFC

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

- [Disclaimer](#)
- [Environmental and Social Impact Assessment \(ESIA\)](#)
- [Initial Project Summary](#)
- [Local Language Summary of ESIA \(Spanish\)](#)
- [Stakeholder Engagement Plan](#)