

India's Clean Energy Expertise Fuels South America's Bioeconomy: Praj Industries to collaborate with Enersur S.A. for a Biorefinery Project in Paraguay



In the photo, at the center : Mr. Santiago Peña Palacios, President of the Republic of Paraguay, flanked (from left) by Mr. Omar Bustos, President of Enersur S.A.; Mr. Ashish Gaikwad, MD–Designate, Praj Industries; Mr. Javier Giménez, Minister of Industry and Commerce of Paraguay; and Mr. Shishir Joshipura, CEO & MD, Praj Industries

Pune, India 5th June, 2025 – Enersur S.A., one of Paraguay's foremost renewable energy companies has selected Praj Industries for its next major project. Praj, a global leader in bioeconomy-driven process solutions, will support the development, assessment, and phased implementation of a fully integrated Biorefinery Project in Paraguay. The Biorefinery aims to produce, in addition to ethanol, co-products such as distillers dried grains with solubles (DDGS), corn oil, biogas, biobitumen and sustainable aviation fuel (SAF).

The two companies signed the agreement to this effect in the august presence of Mr. Santiago Peña Palacios, President of the Republic of Paraguay. The President, accompanied by a high-level delegation of ministers, senior officials, and business leaders, was on a State Visit to India from June 2 to 4, 2025. During the visit, the delegation recognized and appreciated India's advancements in indigenous technology and Praj's contribution to strengthen Paraguay's Bioeconomy sector.

This comes on the back of the contract awarded to Praj by Enersur to design, supply, and commission a state-of-the-art 600 m³/day Anhydrous Ethanol plant in Canindeyú, Paraguay. This facility, which will use corn as feedstock, represents a significant step forward in Paraguay's commitment to clean energy and rural development, while also contributing to reduced reliance on fossil fuels. Praj's extensive scope of work includes process technology



licensing, full-scale design and engineering, supply of core process equipment, and on-ground supervisory support. The plant is expected to be fully operational by October 2026.

This initiative by Enersur is poised to create substantial direct and indirect employment, thereby promoting economic growth in rural Paraguay. It is a strong example of how renewable energy projects can power inclusive development while reducing carbon emissions.

“We are proud to collaborate with Enersur in shaping Paraguay’s bioenergy landscape and accelerating the transition towards a sustainable bioeconomy,” said Dr. Pramod Chaudhari, Founder Chairman of Praj Industries. “This partnership goes beyond ethanol—it embodies our shared vision to harness the full potential of bio-based innovations for clean energy, circular economy, and long-term energy resilience across South America.”

“We chose Praj as our partner because of their proven expertise, cutting-edge technology, and extensive experience in delivering large-scale bioenergy projects globally,” commented Mr. Omar Bustos, President Enersur S.A. “Their strong track record in South America and commitment to sustainability perfectly align with our vision to develop Paraguay’s bioeconomy and drive long-term rural and economic development through this landmark project.”

Prime Minister Narendra Modi met with Paraguayan President Santiago Peña in New Delhi, where the two leaders discussed expanding cooperation in key sectors. PM Modi emphasized India’s readiness to work with Paraguay on enhancing agricultural productivity through advanced techniques and biotechnology, and emphasized the shared commitment to advancing renewable energy partnerships.

As the world accelerates its transition to greener energy, this landmark project represents a major step forward for Paraguay while reinforcing Praj’s strong and growing presence in South America. With over 100 references across the Americas—including the USA, Brazil, Colombia, Argentina, and Peru —Praj continues to deliver cutting-edge, sustainable bioeconomy solutions across the region.

About Praj Industries Limited:

Praj, India's most accomplished industrial biotech company, is driven by innovation, integration, and delivery capabilities. Over the past four decades, Praj has focused on environment, energy, and agri-process industry, with more than 1000 customer references spanning more than 100 countries across six continents. Bio-Mobility® and Bio-Prism® are the mainstays of Praj's contribution to the global Bioeconomy. The Bio-Mobility® platform offers technology solutions globally to produce the renewable transportation fuel, thus ensuring sustainable decarbonization through a circular bioeconomy. The Company's Bio-Prism®



portfolio comprises technologies to produce renewable chemicals and materials, promises sustainability while reimagining nature. Praj Matrix, the state-of-the-art R&D facility, forms the backbone for the company's endeavours towards a clean energy-based Bioeconomy. Praj's diverse portfolio comprises Bio-energy solutions, Critical process equipment & skids, Breweries, Zero liquid discharge systems and High purity water systems. Led by accomplished and caring leadership, Praj is a socially responsible corporate citizen. Praj is listed on the Bombay and National Stock Exchanges of India.

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