



**Date: 29<sup>th</sup> April, 2025**  
**Ref.: PIL/ANB/L-010/2025-26**

<b>Company Code – PRAJIND</b>	<b>Security Code No.: 522205</b>
<b>National Stock Exchange of India Ltd.</b>	<b>BSE Ltd.</b>
Exchange Plaza, 5 <sup>th</sup> Floor, Plot No. C/1, G Block, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051	Phiroze Jeejeebhoy Towers, 25 <sup>th</sup> Floor, Dalal Street, Mumbai - 400 001

**Sub.: Press Release**

Dear Sir / Madam,

Please find enclosed “Press Release” dated 29<sup>th</sup> April, 2025 for sharing with Investors.

This intimation is given pursuant to the Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended from time to time.

Thanking you.

Yours faithfully,

**For PRAJ INDUSTRIES LIMITED**

**ANANT BAVARE**  
**COMPANY SECRETARY &**  
**COMPLIANCE OFFICER**  
**(M. No. 21405)**

**Encl.:** as above

## **Praj Industries and thyssenkrupp Uhde Ltd join forces to revolutionize polylactic acid production and circular economy**

- *Industrial Biotechnology experts Praj Industries Ltd (PIL) to partner with polymer specialists Uhde Inventa Fischer (UIF)*
- *End-to-end offering for PLA (polylactic acid) production*

**Pune, India 29<sup>th</sup> April, 2025** : Praj Industries Limited (PIL), a global leader in industrial biotechnology solutions and thyssenkrupp Uhde's polymer specialists Uhde Inventa-Fischer (UIF), a subsidiary of the global leader in chemical engineering and construction, announced a strategic partnership to jointly offer an end-to-end integrated technology for the production of Polylactic Acid (PLA). This strategic partnership offers a unique, seamless solution that sets them apart in bioplastics.

The indiscriminate use of fossil-based plastics and the often irresponsible disposal, especially of single-use plastics, call for urgent, innovative, and sustainable solutions. Polylactic acid (PLA), as a sustainable alternative to conventional plastics, holds significant potential in advancing a circular bioeconomy. To meet this global need, PIL and UIF are leveraging their combined expertise in industrial biotechnology and chemical engineering to enhance PLA technology, ensuring an efficient, cost-effective, and sustainable production process.

Dr. Pramod Chaudhari, Founder Chairman of Praj Industries, commented, *"Praj's Bioprism® portfolio for renewable chemicals and materials, with a focus on bioplastics, underscores our commitment to a sustainable future. Our strategic partnership with Uhde marks a significant step toward driving the global shift to a circular economy through cost-effective biomanufacturing and biorefineries. With our proprietary, award-winning PLANERA™ technology and this collaboration, we aim to tackle the challenges of fossil-based plastics and deliver innovative, bio-based solutions for a greener planet."*

Praj has further strengthened its efforts by establishing a Centre of Excellence and Innovation for Biopolymers in collaboration with ICT Mumbai, focusing on the characterization, processing, and application development of biopolymers. Additionally, it inaugurated India's first 'Demonstration Facility for Biopolymers' near Pune, producing lactic acid and lactide to support testing, validation, and the growing demand for sustainable biopolymer solutions.

Nadja Håkansson, CEO thyssenkrupp Uhde commented on this partnership, *"We see a perfect match of two world-leading technologies: Uhde's PLAneo® process can now be offered as an integrated solution with Praj Industries' lactic acid production. Together, we can design and deliver complete PLA plants. Our joint vision is a competitive solution to replace conventional plastics with sustainable alternatives."*



thyssenkrupp



The partnership will be able to offer an end-to-end integrated technology, covering the entire PLA production process from feedstock conversion to polymer production. Different grades of lactic acid can be produced from this technology which find applications in food and industrial sectors. A broad range of PLA grades can be produced, addressing the diverse requirements of various industries such as packaging, textiles, and hygiene supplies. Both companies have a strong global presence, enabling them to deliver innovative solutions to customers worldwide and adapt to practically any agricultural feedstock containing either starch or sugar, including second-generation feedstocks based on non-food raw materials.

A shared commitment to sustainability drives the partnership, focusing on developing environmentally friendly and socially responsible solutions.



### **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<sup>®</sup> and Bio-Prism<sup>®</sup> are the mainstays of Praj's contribution to the global Bioeconomy. The Bio-Mobility<sup>®</sup> platform offers technology solutions globally to produce the renewable transportation fuel, thus ensuring sustainable decarbonization through a circular bioeconomy. The Company's Bio-Prism<sup>®</sup> 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



thyssenkrupp

and caring leadership, Praj is a socially responsible corporate citizen. Praj is listed on the Bombay and National Stock Exchanges of India.



### **About thyssenkrupp Uhde:**

thyssenkrupp Uhde combines unique technological expertise and decades of global experience in the engineering, procurement, construction and service of chemical plants. We develop innovative processes and products for a more sustainable future and thus contribute to the long-term success of our customers in almost all areas of the chemical industry. Our portfolio includes leading technologies for the production of base chemicals, fertilizers and polymers as well as complete value-chains for green hydrogen and sustainable chemicals.

[www.thyssenkrupp-uhde.com](http://www.thyssenkrupp-uhde.com)

For media inquiries, please contact:

Priyanka Watane  
Corporate Communications  
Praj Industries  
Phone: +91 20 6675 4000 / 22922001  
Email: [priyankawatane@praj.net](mailto:priyankawatane@praj.net)

thyssenkrupp Uhde  
Christian Dill  
Press Spokesperson  
Phone: +49 231 547 3334  
E-mail: [christian.dill@thyssenkrupp.com](mailto:christian.dill@thyssenkrupp.com)