



Godavari Biorefineries Ltd

Dated: November 10, 2025

The Manager
Listing Department
National Stock Exchange of India Limited
Exchange Plaza, C-1, Block G,
Bandra Kurla Complex, Bandra (E),
Mumbai – 400 051

The Manager
Listing Department
BSE Limited
Phiroze Jeejeebhoy Tower,
Dalal Street
Mumbai-400001

Script Symbol: GODAVARIB

Script Code:544279

Sub: Press Release

Dear Sir / Madam,

Pursuant to regulation 30 of SEBI (Listing Obligation and Disclosure Requirements) Regulation, 2015, please find enclosed press release titled “**REVOLUTIONARY BREAKTHROUGH IN CLIMATE ACTION**”.

This is for your information and records.
Thanking you,

Yours faithfully

For Godavari Biorefineries Limited

Manoj Jan
Company Secretary & Compliance Officer
Membership No.F-7998



REVOLUTIONARY BREAKTHROUGH IN CLIMATE ACTION
Launch of Pilot Project
GODAVARI BIOREFINERIES AND ICT MUMBAI UNVEIL CO2-TO-DME TECHNOLOGY

Mumbai, November 10, 2025: In a decisive stride toward combating climate change, Godavari Biorefineries Limited (GBL), under the leadership of Chairman and Managing Director Samir Somaiya, is proud to announce the launch of a groundbreaking pilot project that transforms greenhouse gases into a sustainable, clean fuel. This revolutionary technology converts industrial CO₂ emissions directly into Dimethyl Ether (DME) – a low-emission, eco-friendly energy carrier. Dimethyl ether (DME) is a clean-burning fuel that can effectively replace conventional energy sources such as liquefied petroleum gas (LPG) and diesel, contributing to reduced emissions, improved environmental performance and decarbonisation.

In addition to its role as a fuel, DME serves as a versatile chemical feedstock, supporting a wide range of industrial applications and chemical synthesis processes.

Why This Innovation Matters for Climate Action

Samir Somaiya emphasises, “Living sustainably and being one with nature is the only way forward. There is no alternative if we are to preserve our planet for future generations.” Under his guidance, GBL embodies the ethos that sustainability is not optional but essential. The company has partnered with the renowned Institute of Chemical Technology, Mumbai (ICT) to develop this innovative process, which addresses the urgent need to reduce greenhouse gases and create value from waste.

Shaping the future by addressing India’s Triple challenge - India finds itself at the crux of three defining challenges: securing energy in a volatile geopolitical context, addressing the global imperative of climate change, and ensuring rural prosperity by securing the income and dignity of its small farmers. **“India’s strength lies in its soil, its sun, and its small farmers. Our nation’s energy transition must use these inherent assets to secure and improve farmer incomes, boost energy security, and combat climate change together,”** said Somaiya.

The Momentum of Transformative Energy Policy. India’s swift progress from a 4% to 20% fuel ethanol blend in just eight years exemplifies the nation’s bold approach. **“Recent offers in**

response to the tenders floated by the OMCs can further increase the ethanol blend to 30%— offers equal to 17.75 billion litres, far outstripping the current tender of 10.5 billion litres. This is a tremendous achievement. This surplus availability has to be seen as a tremendous asset , it is an opportunity to incentivise all forms of clean-energy vehicles—EVs, flex fuels, CBG, and, in the future, Dimethyl Ether. Our path is clear: there is no real alternative but to transition from fossil to renewable. The only way to live—one with nature, sustainably, and to make this planet a beautiful place,” added Somaiya.

This pioneering technology reflects the scientific excellence of **Prof. G. D. Yadav and his research team at ICT Mumbai**, whose visionary leadership and relentless pursuit of innovation have propelled this project. Prof. Yadav is recognised for his outstanding contributions to chemical engineering and sustainable processes, supported by a team of experts dedicated to cutting-edge catalyst development and process optimisation.

On the industry side, **the team at Godavari Biorefineries** has played a crucial role in steering this project toward practical, scalable implementation, ensuring alignment with industrial standards and commercial viability.

Celebrated Achievements and Prestigious Award.

The joint effort of GBL and ICT Mumbai has recently been honoured with the K. V. Mariwala Award for Effective Chemical Industry-Academia Partnership for 2024. This award recognises their collaborative success based on three stringent criteria:

- Scientific excellence demonstrated through breakthrough catalyst technology and innovative processes
- Significant environmental impact by converting harmful greenhouse gases into valuable resources
- Practical implementation with clear pathways toward commercialisation and global replication

The Road Ahead: From Pilot to Global Impact.

“We already have a presence in global supply chains, and with increasing investments in technology and innovation, we can take the lead in offering sustainable solutions. The focus on clean energy, environmental responsibility, and circularity in India is driving the industry forward, making India an attractive player in the global biochemicals market,” explains Dr Sangeeta Srivastava, ED at Godavari Biorefineries Limited (GBL).

Both organisations have illustrious histories.

ICT Mumbai, established in 1933 as UDCT, is a global leader in chemical, biological, and energy sciences, producing graduates and innovations that contribute to 8% of India’s GDP. The institute boasts 19 Padma awardees and a legacy of pioneering sustainable technologies.

Godavari Biorefineries Limited is one of India's largest integrated biorefineries, servicing clients across 20 countries with a diverse portfolio of bio-based chemicals derived largely from sugarcane waste. GBL holds numerous accolades including the 2025 Best Co-generation Power Plant award and recognition for bioenergy innovation and safety excellence.

Why This Innovation Matters.

- **A Climate Game-Changer:** Converting 450 metric tons per day of biogenic CO₂ into environmentally friendly DME, helping meet critical emission reduction targets.
- **Sustainable Energy for the Future:** DME's versatility as a clean fuel and chemical carrier supports the global transition to renewables.
- **Environmental and Economic Impact:** A viable, cost-effective path toward greener industries with global scalability and increased farmer income and prosperity.

Leadership and Vision.

Samir Somaiya's unwavering belief that "we must live in harmony with nature" drives GBL's commitment to sustainability, regenerative agriculture, and circular economy principles, not to mention the contribution to our farmer economy. This partnership with ICT underscores a shared mission: innovation for society and the planet, not only limited to GBL and India but also for the world at large.

About Institute of Chemical Technology, Mumbai

ICT Mumbai is a premier autonomous institute dedicated to chemical engineering, biological sciences, and translational research to serve societal and environmental needs globally.

About Godavari Biorefineries Limited

Godavari Biorefineries Limited (BSE: Script Code 544279 | NSE: GODAVARIB), flagship company of Somaiya Group is a leading integrated biorefinery specializing in bio-based chemicals, ethanol, and sugar & power production. Godavari Biorefineries Ltd one of the larger producers of ethanol and a pioneer in manufacturing ethanol-based chemicals in India. The company operates cutting-edge facilities in Sakarwadi, Maharashtra, and Sameerwadi, Karnataka and three advanced R&D facilities in Mumbai and plant locations. Listed on the BSE Limited (BSE) and the National Stock Exchange of India Limited (NSE), GBL has a legacy of innovation and a commitment to sustainability, driving progress in renewable energy and green chemistry. For more information about Godavari Biorefineries, please visit www.godavaribiorefineries.com.

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