



ORGANIC RECYCLING SYSTEMS LIMITED

CLEANTECH | INNOVATION | ENGINEERING

13 February 2024

BSE Limited
Department of Corporate Services
Listing Department
P J Towers,
Dalal Street,
Mumbai - 400001
Scrip Code: 543997

Dear Sir/Madam,

Sub: Press Release.

In accordance with Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith Press Release of the Company in respect of entering into Partnership with SB Infowaves to Pioneer AI-Driven Predictive Modelling for Anaerobic Digestion Reactors.

We request you to take the same on record.

Thanking you,

Yours faithfully,

For Organic Recycling Systems Limited

Seema Gawas
(Company Secretary & Compliance Officer)

Organic Recycling Systems Ltd

Registered / Corporate Address : 1003, The Affaires, Plot No.19, Sector-17, Sanpada, Navi Mumbai – 400705.

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CIN U40106MH2008PLC186309

ORSL Ventures into Groundbreaking Partnership with SB Infowaves to Pioneer AI-Driven Predictive Modelling for Anaerobic Digestion Reactors

ORSL, a leading player in sustainable technology solutions, is set to revolutionize Anaerobic Digestion (AD) reactor monitoring with a strategic partnership with SB Infowaves, a distinguished software design specialist. The collaboration aims to develop an advanced predictive modelling tool leveraging Artificial Intelligence (AI) and Machine Learning (ML) capabilities.

The 2 industry leaders are joining forces to create a cutting-edge AI and ML-powered software application for monitoring and suggesting Standard Operating Procedures (SOPs) and troubleshooting measures for AD reactors.

The primary objective of this collaboration is to develop an AI-driven software application that accurately predicts the health status of biogas digesters, enhancing operational efficiency. Utilizing industry best practices, the tool will draw on industry best practices and historical data from ORSL's Solapur plant, operational since 2013, to ensure robust and effective predictive modelling. This will help in providing detailed insights into the factors influencing biogas digester health, enabling proactive maintenance.

The partnership will also aim at creating a user-friendly interface for easy data input, visualization, and interpretation, ensuring accessibility for operators at various skill levels. Along with this, putting in place a secure and scalable architecture is also in progress to accommodate future updates and expansions, aligning with evolving industry needs. SB Infowaves will extend technical support to facilitate seamless product deployment at prospective client projects.

This groundbreaking collaboration underscores ORSL's commitment to innovation in renewable energy and SB Infowaves' expertise in software design. Together, they aim to set new benchmarks in predictive modelling for AD reactors, contributing to the sustainability and efficiency of biogas production globally.

About Us

Organic Recycling Systems Limited (ORS) is a pioneering engineering firm specializing in environmental solutions, offering comprehensive waste management solutions across various waste types and the entire value chain. Established in 2008 by technocrats, ORS focuses on developing robust, cost-effective, and eco-friendly technologies. With proven expertise, ORS operates India's premier Waste to Energy (WTE) plant, leveraging patented anaerobic biometanation technology, recognized by the Government of India's National Master Plan. Additionally, ORS operates a Municipal Solid Waste (MSW) processing plant in Solapur, Maharashtra, converting waste into electricity and compost since 2013. Recognized as a leader in best practices under the Swachh Bharat Mission, ORS is now positioned for EPC opportunities nationwide. ORS operates through three main business verticals: Project development & Technology Licensing, Product Vertical, and Consulting Vertical, providing a comprehensive range of services and solutions in the environmental sector. Through ongoing R&D initiatives and intellectual property development, ORS continues to innovate with new products and technologies, further expanding its presence and impact across the waste value chain.