



Press release

Thermax showcases sustainable solutions at its REDISCOVER roadshow to propel energy transition and make water management a reality for industries in Karnataka

Bengaluru: April 5, 2024

Thermax, a leading provider of energy and environment solutions, showcased its latest advancements in green technology and water management tailored for Karnataka's industrial sector at its REDISCOVER Roadshow in Bengaluru. A manufacturing and technology hub for national and international companies, Karnataka has been consistently pursuing a sustainable revolution through its commitment to faster technology adoption, water conservation, and green energy initiatives. As a trusted partner in energy transition and sustainable solutions, Thermax has been at the forefront of driving this impactful change in the region.

The Bengaluru exposition featured a line-up of cutting-edge solutions including water and wastewater treatment technologies, multi-fuel and biomass-based energy solutions for waste-to-energy conversion, solar and wind-solar hybrid renewable systems, biogas, electrical/hybrid heating & cooling solutions, and green hydrogen, complemented by digital and value-added services. These state-of-the-art offerings play a pivotal role in realising energy transition and water conservation objectives for industries within the region.

To address the recent water scarcity and give a fillip to industries in Karnataka, Thermax has developed pioneering water and wastewater solutions, including desalination plants, zero liquid discharge (ZLD) systems, and indigenous and mechanical vapour recompression (MVR) technologies. Furthermore, Thermax's recent acquisition of a 51% stake in TSA Process Equipments enhances its ability to provide comprehensive high-purity water solutions with minimal wastage across sectors such as pharmaceuticals, biopharmaceuticals, semiconductors, personal care, and food & beverages.

Reflecting on the significance of the REDISCOVER roadshow, **Ashish Bhandari, MD and CEO, Thermax**, highlighted, "Karnataka's remarkable growth trajectory has been coupled with a steadfast commitment to sustainability. As a trusted partner in energy transition and water management, we are dedicated to empowering Karnataka's industries with bespoke solutions that seamlessly integrate availability with sustainability, while ensuring profitability. Amongst the key markets in the region, Bengaluru is emerging as a leader in sustainable technology adoption, and our contributions to businesses around the city exemplifies this commitment. We take great pride in our achievements, such as the installation of our first electric boiler in India at Bengaluru, and our innovative collaboration with a pharmaceutical major, where we adeptly

installed a biomass-based boiler on the first floor due to space constraints. These accomplishments underscore our engineering excellence and unwavering dedication to fulfilling our customers' sustainability objectives."

Furthermore, Thermax is proud to announce the development of T-HVAC solutions (exhaust waste heat cooling system) for buses and truck cabins, aligning with the region's history of early technology adoption.

Thermax offers these solutions through flexible engagement models including upfront capex investment and opex-based solutions, or build-own-operate (BOO) arrangements. Under the BOO model, Thermax assumes responsibility for investment, operation, and maintenance, ensuring customers pay based on utility consumption, akin to metered billing. The BOO model has been successfully implemented by Thermax Onsite Energy Solutions Limited (TOESL), a subsidiary of Thermax, for an aluminium major in Belagavi, Karnataka. TOESL has executed a 100% biomass-fired cogeneration plant based on a 33 tonnes per day (TPH) boiler, making it the biggest project for the subsidiary to date. With this installation, Thermax has demonstrated its prowess as a trusted partner in energy transition by enabling the aluminium major to be the only specialty alumina supplier in the world with a solution that ensures steam and power requirements are met by green energy, while also achieving nearly 48,000 tonnes/year of equivalent CO2 reduction compared to furnace oil.

About Thermax

Thermax Limited (NSE: THERMAX) is a leading conglomerate in the energy and environment space and a trusted partner in energy transition. Thermax's extensive portfolio includes clean air, clean energy, clean water and chemical solutions. Backed by its longstanding industry partnerships across multiple sectors, Thermax has cultivated strong expertise in audit, consulting, execution, and maintenance coupled with digital solutions, ensuring a unified energy-management experience. Leveraging its distinctive engineering capabilities, Thermax converts costs to profits while protecting the environment – a win-win for the industry and society at large. Thermax operates 14 manufacturing facilities across India, Europe, and Southeast Asia and has 39 Indian and international subsidiaries.

For more information, visit www.thermaxglobal.com