



Thermax demonstrates its suite of green energy solutions at its REDISCOVER roadshow to enable environmental, economic, and social benefits in Chhattisgarh

Press Release

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Thermax, a leading provider of energy and environment solutions and a trusted partner in energy transition, demonstrated its suite of green energy solutions at its REDISCOVER roadshow held in Chhattisgarh, offering environmental, economic, and social benefits to industries in the region.

The state is a leading producer of minerals like iron ore, dolomite and coal. It produces 15% of India's steel and 100% of its aluminium.¹ With the state actively working towards framing its new industrial policy for 2024-29 and its sustainable development goals, Thermax's energy transition solutions will continue to spearhead and support the region. The Chhattisgarh edition of REDISCOVER focussed on showcasing Thermax's latest innovations and green solutions. These included its legacy solutions for steam and power generation, air pollution control, as well as the latest technologies for bio-CNG, coal gasification, solar and water & wastewater treatment, including the in-house developed MVR (mechanical vapour recompression) based zero liquid discharge (ZLD).

The region has and continues to experience significant expansion and development in the steel and cement sector. Contributing actively to industrial requirements, Thermax has successfully supplied many units of waste heat recovery boilers for sponge iron exhaust, cement heat recovery and various other exhaust applications.

The rice milling industry has also expanded significantly over the past 4-5 years, with 500-600 mills operating in the region. This growth has been driven by increased demand for rice and rice-based products, including rice bran oil, which has necessitated advanced heating and utility solutions. Thermax has played a pivotal role in this sector, providing approximately 300 steam boilers as a product or as a turnkey solution.

Furthermore, Thermax has supplied around 200 electrostatic precipitators (ESPs) to most iron and steel manufacturers in the Chhattisgarh region. Thermax's air pollution control equipment such as ESPs and bag filters, among others, helps reduce particulate emissions; these solutions help control impact on the environment and minimise workplace emissions safeguarding the health and safety of workers.

¹ <https://www.ndtvprofit.com/labs/chhattisgarh/ridethegrowth/this-is-what-makes-chhattisgarh-one-of-the-fastest-growing-states.html>

Commenting on the collaboration with customers through this roadshow, **Ashish Bhandari, MD and CEO of Thermax**, emphasised, “Thermax is committed to bridging the gap between energy availability and energy sustainability through innovation, expertise, and partnerships. We have been developing and upgrading technologies for converting waste into valuable energy sources, including solid & industrial waste, waste heat, and bio & agri waste. In addition, we are pioneering newer solutions such as hybrid renewables and green hydrogen. Our aim has always been to enable industries in meeting their growing demands sustainably, while also supporting them and the state in achieving their climate commitment goals.”

Ethanol has also become a prominent sector for investment in Chhattisgarh, with more than 30 private companies proposing to invest in ethanol manufacturing units. This makes it one of the focus industries for Thermax to offer cogeneration power plants for grain-based distilleries on EPC basis as well as boilers and water treatment plants, helping them achieve their business and environmental commitments.

Chhattisgarh, with its abundant coal reserves, is also set to benefit from the coal gasification technology developed by Thermax. This innovation offers a viable solution to meet the National Green Tribunal's guidelines for coal gasification, enhancing environmental compliance and energy sustainability.

Thermax offers its customers the flexibility to choose from several advanced business models, including upfront capital expenditure (capex) investments, operational expenditure (OPEX) options, or build-own-operate (BOO) arrangements. In the BOO model, Thermax takes on the responsibility for investment, operation, and maintenance, while customers pay based on their utility consumption, similar to metered billing.

About Thermax Limited

Thermax Limited (NSE: THERMAX) is a leading company 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 42 Indian and international subsidiaries.

For more information, visit www.thermaxglobal.com