

## STAKEHOLDERS VALUE CREATION

# Planet



We acknowledge our responsibility of preserving our planet for present and future generations. Through mindful actions, we have been continuously working on developing innovative solutions and improving our processes for a sustainable energy future, contributing to our success.

### KPIs

**13,754 tCO<sub>2</sub>e**  
Carbon Emission Reduction

**2,61,246 m<sup>3</sup>**  
Water Reused and Recycled  
(Domestic)



Observing World Environment Day at one of our customer sites

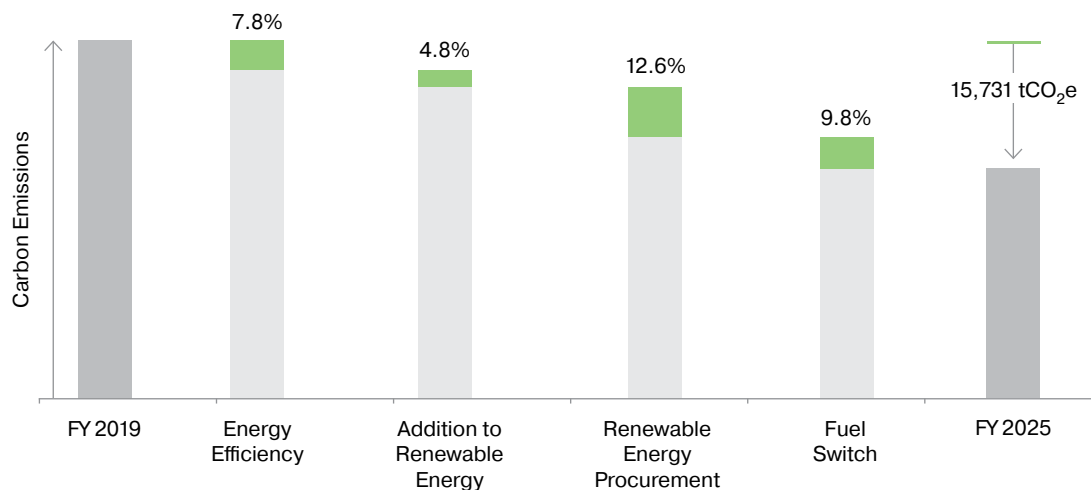
### Thermax’s Decarbonisation Journey

Thermax’s unwavering commitment to reducing carbon emissions by 25% by 2025, from the base year of 2019, has driven focussed action across key areas of operational efficiency, renewable energy adoption, and fuel transition initiatives. Over the past year, concrete progress has been achieved through targetted projects, including the successful procurement of renewable electricity for major manufacturing plants, the installation of solar rooftop systems at critical locations like Solapur and Bhosari plants in Maharashtra, and the strategic switch from natural gas to biomass fuel in the boiler at the Dahej plant. These specific initiatives have translated into a substantial 30.6% reduction in absolute emissions, exceeding our 2025 target well ahead of schedule. Since we have achieved our CO<sub>2</sub> emission target, we are revising our targets from 25% to 35% for FY’25.

**30.6%**  
Absolute Reduction in Emissions from the Base Year of 2019

This remarkable achievement underscores Thermax’s proactive approach to sustainability and showcases the tangible impact of deliberate environmental strategies. Looking ahead, Thermax remains steadfast in its commitment to sustaining and expanding these efforts, driving further advancements towards a more sustainable and resilient future.

### Roadmap till 2025



## STAKEHOLDER VALUE CREATION

### Major Highlights of Our Factories

#### Thermax's New WWS Manufacturing Plant

Thermax inaugurated a state-of-the-art manufacturing plant for water and wastewater treatment in Pune, Maharashtra. The factory exemplifies its dedication to sustainability, operating on solar energy and boasting a robust rainwater harvesting system. Following Indian

Green Building Council (IGBC) guidelines, the facility embodies Thermax's commitment to green solutions. Some remarkable features include an effluent recycle system, a modular skid-mounted water treatment setup, the application of nanotechnology for surface preparation, and a shift from shot blasting to more environmentally

friendly alternatives. Furthermore, the plant prioritises freshwater usage through various recycling and reuse initiatives.

**95-98%**  
Recycled Water



The senior management at the inaugural ceremony of the water and wastewater treatment solutions manufacturing facility in Pune, Maharashtra



### Solapur Plant Achieves Water Positive Certification

Our Solapur plant has achieved Water Positive certification, attaining a remarkable water positive index of 6.59. Through a multifaceted approach encompassing recycled water from advanced STPs, rainwater harvesting initiatives both within and outside the plant premises, and proactive CSR activities, the Solapur plant has not only reduced its water footprint but has surpassed expectations, making a positive contribution to the local ecosystem.

An endorsement from a third party inspires other industrial establishments to follow suit. The plant remains dedicated to implementing innovative solutions, keeping in mind the environmental responsibility, paving the way for a brighter, more water-secure future for generations to come.

### Eliminating Single-Use Plastics across Thermax's Manufacturing Operations

We have successfully eliminated single-use plastics (SUP) throughout our manufacturing operations. We have transformed every aspect of our plants into SUP-free zones, from offices to shop floors, canteens, and pantries. This dedicated effort has earned us the prestigious SUP-free certification from CII, recognising the commitment of seven Thermax manufacturing locations (Savli, Dahej, Sri City, Jhagadia, Shirwal, Paudh, and Chinchwad) to sustainable practices. Furthermore, our commitment extended to our organisational events and celebrations, where we demonstrated our dedication by celebrating occasions like Diwali, Environment

Day, Safety Day, and Independence Day without relying on SUPs. This shift reflects our commitment to embedding sustainability into our corporate culture and operations.

**1,307 kg**

Single-use Plastic Usage Elimination



■ Aerial view of the new water and wastewater solutions manufacturing unit