

Media Release

Adani Cement's Geoclean creates circular economy for Ambujanagar using waste management techniques

EDITOR'S SYNOPSIS

- Geoclean safely manages solid and liquid wastes and diverts landfills, leading to resource conservation at Ambujanagar, Gujarat
- Geoclean is a pioneer in the field and has established 6 pre-processing and 14 co-processing facilities across India
- Geoclean processes more than 13,00,000 tonnes of waste every year through its operations in India

Mumbai, 23rd January 2023: **Adani Cement's waste management arm, Geoclean**, enables a green economy for Ambujanagar (Gujarat) by safely managing solid and liquid wastes and diverting them from landfills, leading to resource conservation. The plant with a thermal substitution rate of 8% at Ambujanagar in Kodinar, Gujarat, has enabled the state to mitigate the challenges of plastic waste pollution by co-processing both solid and liquid waste provided by the state government, state pollution control board, and industries.

The plant assists numerous paper industries that produce significant amounts of plastic waste in Vapi as well as various chemical, pharmaceutical, and other sectors in Dahej, Ankleshwar, Surat, and Vadodara. Some of the waste streams co-processed at the plant include sorted plastic waste, trade rejects, refused derived fuel (RDF), industrial waste (sludges, liquid and solid waste), etc. In order to efficiently use waste in kiln co-processing, Geoclean is a leader in the field and has established 6 pre-processing facilities and 14 co-processing throughout India. Every year, Geoclean processes more than 13,00,000 tonnes of waste across the country. These facilities have specialised waste storage spaces, feeding setups, and state-of-the-art laboratories.

"Through our efforts on climate protection, we promote transition towards a more extensive circular economy," said Mr Ajay Kapur, CEO, Cement Business. "We are increasing our community outreach as a concrete step towards building a nation that runs on cleaner and greener energy. Geoclean works with stakeholders to find the most sustainable solution for their waste, diverting it from landfills and turning it into a circular resource."

Geoclean offers a wide range of waste management services, starting with assessment and consultation and continuing through laboratory analysis and waste characterization, logistics, transportation, and waste preparation for co-processing. It caters to over 500 customers across the country, primary clients being industrial and service companies, municipalities, and waste management firms.

The state-of-the-art processes employed, and highest operational standards ensure that waste is safely managed protecting the employees, communities and environment. Co-processing in cement kiln results in simultaneous material recycling and energy recovery from waste in thermal process of cement manufacturing. On one hand, this substitutes

traditional fuel and raw materials in the cement process and, on the other hand, provides sustainable waste management solutions to waste generators.

About Ambuja Cements Limited

Ambuja Cements Limited, part of the diversified Adani Group, is among India's leading cement companies. Ambuja has a capacity of 31.5 million tonnes with six integrated cement manufacturing plants and eight cement grinding units across the country. **Ambuja has been recognized as India's Most Trusted Cement Brand** by TRA Research in its Brand Trust Report, 2022. Ambuja has provided hassle-free, home-building solutions with its unique sustainable development projects and environment-friendly practices since it started operations. The Company has many firsts to its credit – a captive port with four terminals that has facilitated timely, cost-effective, cleaner shipments of bulk cement to its customers. To further add value to customers, the Company has launched innovative products like Ambuja Plus, Ambuja Cool Walls, Ambuja Compocem and Ambuja Kawach under the umbrella of Ambuja Certified Technology. These products not only fulfil important customer needs but also help in significantly reducing carbon footprints. Being an employee friendly workplace, **Ambuja Cements has been ranked No. 1 in 'Best Companies to Work For' survey in 2022** by Business Today in the Construction and Infrastructure sector.

About ACC Limited

ACC Limited is a part of Adani Cement and one of India's leading producers of cement and ready-mix concrete. It is a member of the Adani Group - the largest and fastest-growing portfolio of diversified sustainable businesses. ACC has 17 cement manufacturing sites, over 87 concrete plants and a nationwide network of channel partners to serve its customers. With a world-class R&D centre in Mumbai, the quality of ACC's products and services, as well as its commitment to technological development, make it a preferred brand in building materials. Established in 1936, **ACC is counted among the country's 'Most Sustainable Companies'** and is recognised for its best practices in environment management and corporate citizenship. With sustainability at the core of its strategy, ACC is the first Indian Cement Company to sign the Net Zero Pledge with Science Based Targets.

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