

# Technology Demonstration Initiatives



## UltraTech Cement Limited

UltraTech, as part of its R&D measures, has developed premium products that extend the life of limestone deposits, reduce limestone consumption, save fossil energy while ensuring low-carbon growth.

Some of the initiatives and technologies that the organisation has invested are listed below:

- Installation of large-scale WHRS (waste heat recovery system) installation projects to generate power by process optimisation during production activities.
- Alternative Fuel and Raw Materials (AFR) projects to reduce the usage of fossil fuel and traditional materials in the production activities for lowering carbon footprint.
- Projects working towards increasing the use of fly ash and other alternative materials in production activities.

These projects have helped UltraTech reduce its carbon footprint by utilising alternative recycled materials as low CO<sub>2</sub> binders in cement.

Additionally, the company has also invested in increasing its RE (renewable energy) generation capacity and committed to the RE100 by 2050 initiative.