



resources

Preserving scarce resources is becoming increasingly critical in the cement industry. We focus on solutions that help to reduce the consumption of increasingly limited fossil resources.

Decrease fossil CO₂ emissions

With polysius® fuel substitution your plant can run on up to 100% alternative fuels.

Did you know that with the right technology a substitution rate of up to 100% fossil fuels in your cement plant is possible while making no compromises on cement quality and ensuring emission limits? Biomass, residual materials and waste are valuable resources, which can substitute coal, gas and oil as a primary energy source in the precalciner and rotary kiln. With polysius® fuel substitution thyssenkrupp offers a set of easy-to-implement solutions for plant owners that will significantly reduce operational costs as well as CO₂ emissions from fossil fuels.



Contact

Benefits

- 01 Achieve 100% independence from fossil fuels, without compromising on cement quality and while meeting CO₂ emission standards
- 02 Save costs on CO₂ emission certificates and by replacing increasingly expensive fossil fuels with biomass, residual materials and waste
- 03 Take advantage of our comprehensive support for implementing new processes along the waste-to-energy chain: waste delivery, storage and feeding, and thermal utilization
- 04 Benefit from easy-to-implement solutions from a single source that will significantly increase your plant's profitability through the incineration of high volumes of alternative fuels
- 05 Enjoy maximum flexibility to incinerate multiple fuels and maximize alternative fuel rates in your cement plant