QualiCal AERO Increases Plant Efficiency for Calcis Group

CHALLENGE
- Optimize blowers’ operating conditions, increasing their lifespan
- Resolve discrepancies between theoretical & actual amount of air supplied
- Minimize blower energy demand
- Use IoT data analytics to fine-tune equipment and enhance efficiencies

SOLUTION
- Deploy QualiCal’s AERO™ application for real-time optimization of air supply & minimize blowers’ electrical consumption
- Collect data from equipment, plant conditions, historical performance & maintenance records to help customer address kiln energy demands

RESULTS
- Reduced plant’s operating costs and increased asset efficiency
- Realized the power of 1%, as small outcomes that can drive big changes in performance and operative margins
- Improved air supply efficiency from 63% to 92% saving approximately 450€ in daily electrical consumption

www.iiconsortium.org/case-studies