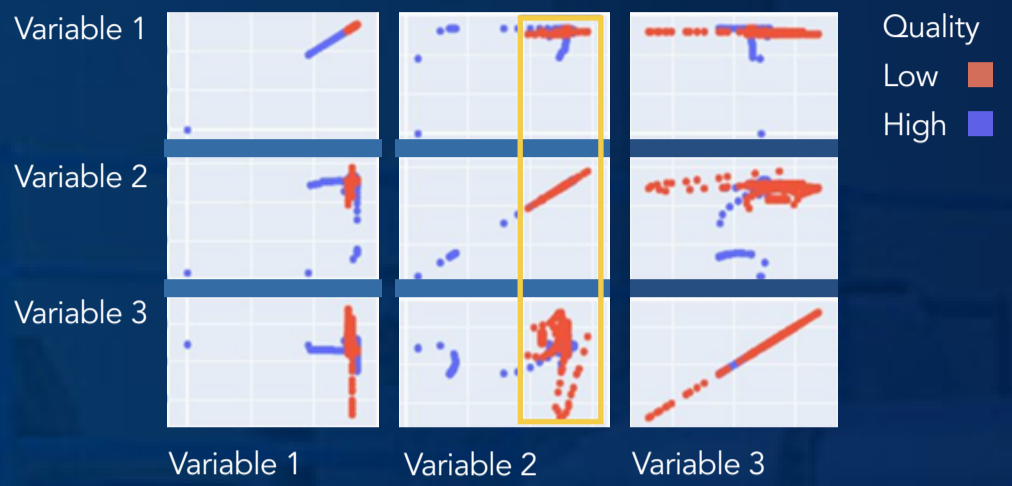
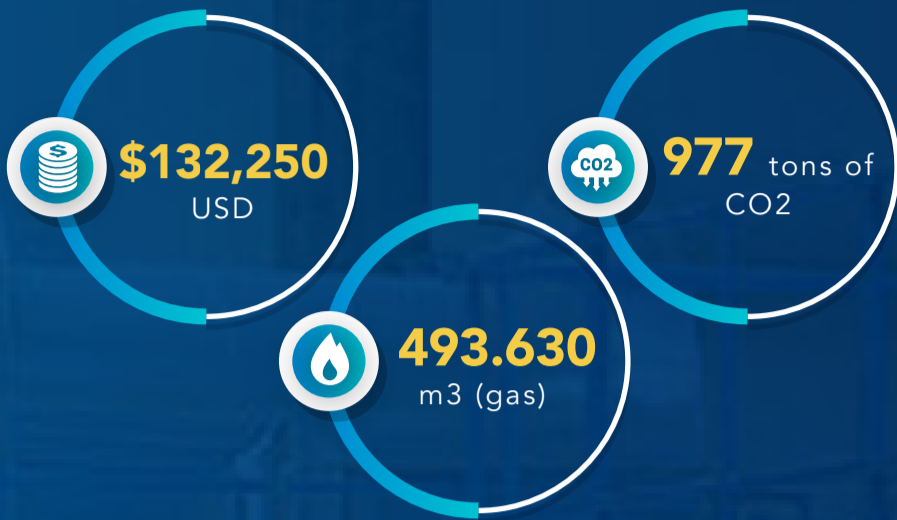


CERAMIC INDUSTRY RESULTS

Savings in CORONA for 2022



Analytical Twin Benefits:

- 1 Early identification of operational and energy deviations, to take timely action and avoid overconsumption in the process.
- 2 Correlating operational, energy and quality variables to recommend operational optimal points, ensuring high product quality.
- 3 Enhance the understanding of the industrial process by understanding the variables that most influence energy consumption and raising awareness among operators of their actions in the production process.
- 4 Quantify the energy, environmental, and economic impact generated by the replacement or improvement of technology
- 5 Promote analytical self-management of operators and people associated with the process.

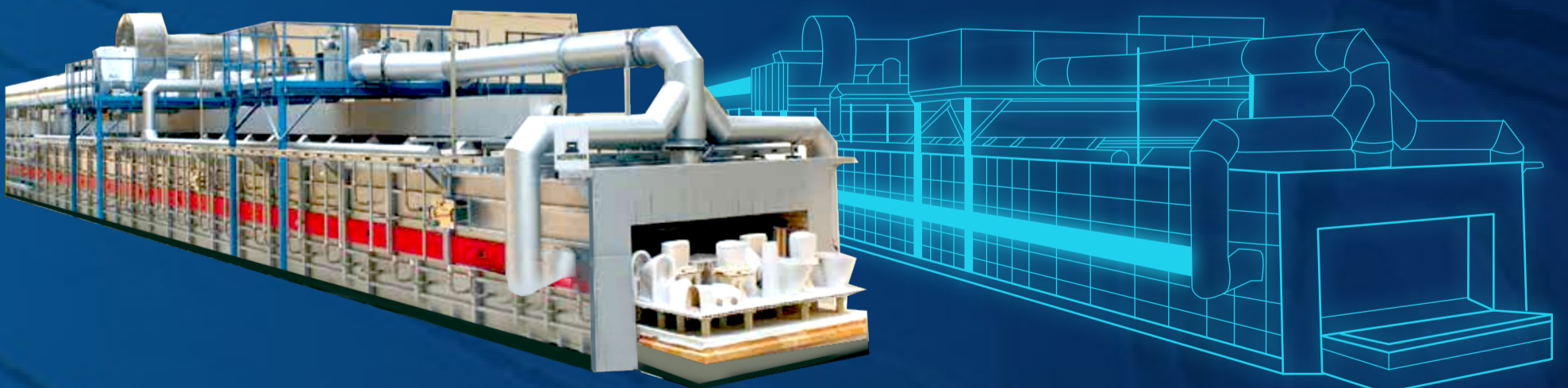
* With our analytical twin solution, supported by ISO 50001, we improve energy performance, equipment operation, product quality, system reliability, and therefore, we provide economic savings for customers and reduction of their CO₂ emissions.

IMPACT GENERATED:



Benefits of technological changes and technological improvements:

- 1 Reduce fuel consumption by changing combustion systems.
- 2 Minimize energy losses by modifying the isolation of equipment.
- 3 Perform predictive maintenance based on accurate diagnostics that indicate the perfect timing to intervene the furnaces and therefore, optimize its availability.
- 4 Install instrumentation to facilitate combustion optimization and calibration.
- 5 Adjust the operation of the furnace whenever it is intervened.



Thanks to the joint work between Uptime Analytics and ERECOS and the excellent results obtained in CORONA companies, our relationship has transcended; and today as strategic allies we optimize the thermal processes of CORONA and other industries. We hope that this relationship will last in the long term.

Alexis Bonnett. Vice President of the Energy and Supplies Business, CORONA INDUSTRIAL.