



Energía



Conceptual engineering of sustainability for thermal use



SENER ENERGÍA / INDUSTRIA SOSTENIBLE / SOLUCIONES DE SOSTENIBILIDAD EN LA INDUSTRIA / SUIZA / BRASIL / CHINA / POLONIA

CONCEPTUAL ENGINEERING OF SUSTAINABILITY FOR THERMAL USE

Cliente: Confidential -

Multinational in the ceramic/porcelain sector

País:

SuizaBrasilChinaPolonia

Analysis and presentation of a short-medium term action plan for the transition of facilities towards sustainable production, optimizing consumption and reducing environmental impact in six manufacturing plants for a multinational company in the ceramic sector.

List of technical activities:

- Annual thermal consumption analysis.
- Analysis of accurate thermal consumption + simultaneities throughout the year.
- Search for improvements in thermal use for each of the processes, thus helping to reduce the consumption of natural gas.
- Analysis of process equipment, detecting those that can be replaced by non-CO2 emitting technology.



Energía

- Proposal of several solutions to provide a list of improvements and solutions, including the following measurement parameters for each of them:
 - Electrical consumption/savings.
 - NG consumption/savings.
 - Thermal consumption/savings (biomass, etc).
 - Preliminary CAPEX.
-