

Case Study

Industrial Energy Efficiency



Sector: Industry Large Buildings Infraestruturas Small buildings / residential

Subsector: Cork Processing

Ano: 2012

Client: Grupo Amorim (World's largest cork processor)

Implementação (meses): 6

Location: 19 industrial plants in Portugal

Contrato Desempenho (anos): N/A

Type of Contract: Implementation of a Remote Monitoring / Energy Management System in 19 industrial sites.

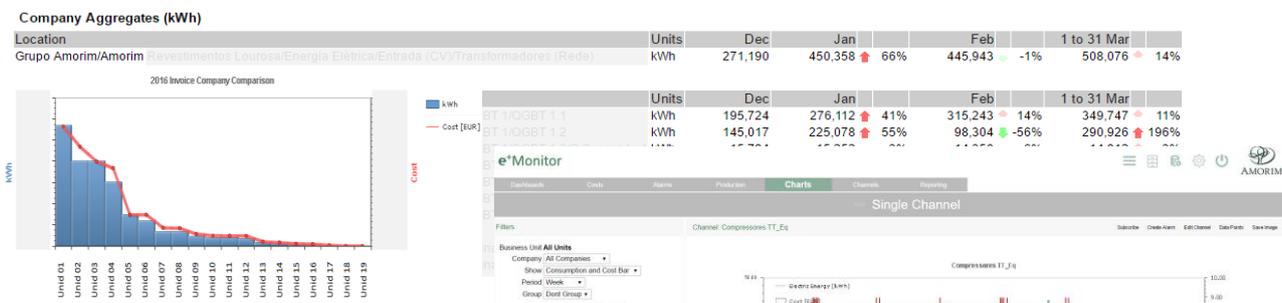
Project description:

EWEN is the Energy Services partner for Amorim Group, the world's largest cork group. It was therefore natural, that EWEN's **e+Monitor** system, was selected by Grupo Amorim, for the implementation of a nation-wide energy management system, for all of its 19 industrial sites in Portugal.

Amorim Group had been using for several years another system (belgian) but EWEN's e+Monitor was selected to substitute it, for the following reasons:

- a) superior functionalities;
- b) user-friendliness and customizable;
- d) continuous development by EWEN;
- e) compatibility with any type of field HW (existing);

The project involved the recovery of all existing data from the previous system (millions of records) and the integration with existing HW that existed in some sites. For the remaining sites, EWEN installed all the fiel instrumentation (energy meters, temperature and humidity sensors, etc). EWEN's e+Monitor allows the automatic or manula integration of production values, which allows the calculation of specific energy consumption values for each site and each production line or equipment, as well as benchmarking between similar equipment, independent of their location.



Project results:

Amorim Group, now has a complete energy management system, which allows the management of all energy consumption and costs of each of their industrial plants. The system easily provides benchmarking analysis, between any production lines or equipment, independent of their location, and knowledge about each unit's specific consumption. The tariff simulation feature is particularly useful, for the energy (electrica, gas, etc) contracts renegotiation (annual task).

