

# Case Study

## Industrial Energy Efficiency



Sector:  Industry  Large Buildings  Infra-structures  Retail / Services

Subsector: Auto sales stand & workshop chain Year: 2014

Client: JAP Automotive Implementation (months): 6

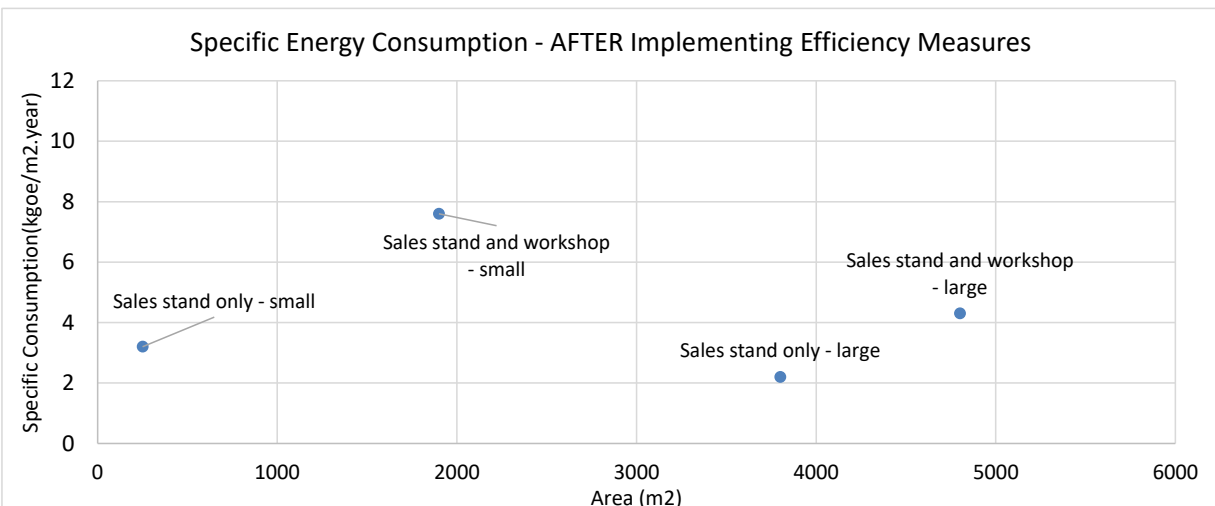
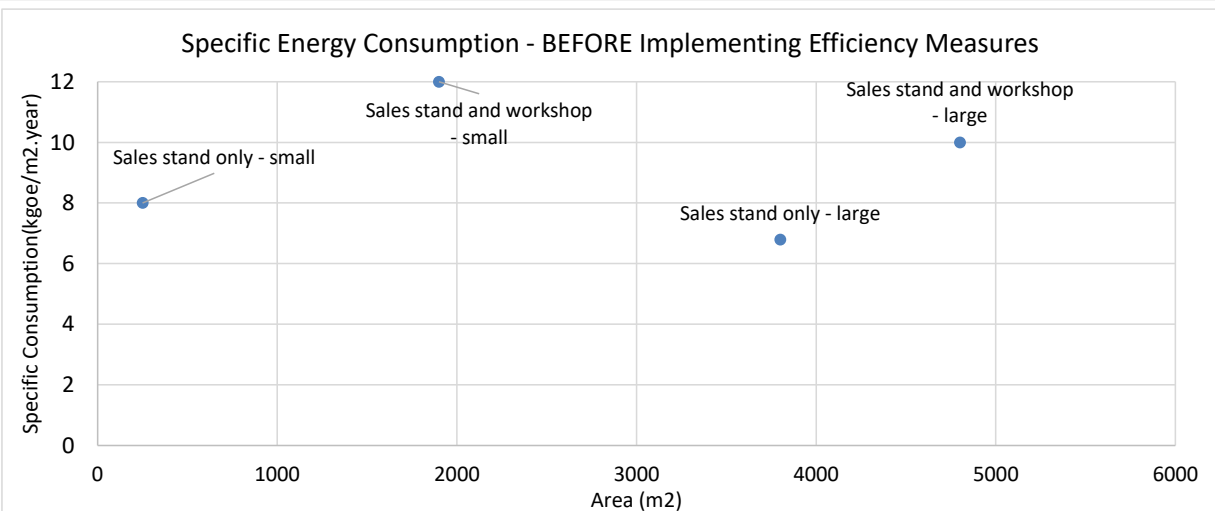
Location: 14 sites around Portugal Performance Contract (yrs): N/A

Type of Contract: Benchmarking per type of site, before / after installation of efficiency measures

### Project description:

JAP Automotive is an industrial group with a large number of auto sales and workshop site around the country. Energy costs have always been a point of concern for management, and the large energy prices increases in the last years, made JAP acquire from EWEN, an energy management system. Soon after the installation of EWEN's e+Monitor energy management system, and the implementation of energy efficiency measures in 14 sites, EWEN was asked to perform a

1. Sales stand and workshop - large size
2. Sales stand and workshop - small size
3. Sales stand only - large size
4. Sales stand only - small size



Type of Site	Energy Consumption toe/year	Area m2	Specific Consumption (KPI)	
			Before kg.o.e/m2.year	After kg.o.e/m2.year
Sales stand and workshop - large	48	4800	10.0	4.3
Sales stand and workshop - small	22.8	1900	12.0	7.6
Sales stand only - large	25.8	3800	6.8	2.2
Sales stand only - small	2	250	8.0	3.2

### Legend:

toe = "ton of oil" equivalent

kg.o.e = "kg of oil" equivalent

Modelo: MP071\_v03\_CS022