



IMPROVING ENERGY EFFICIENCY AT FRECCIA ROSSA

Freccia Rossa in Italy was developed by Sonae Sierra and inaugurated in 2008. Despite the implementation of many environmental features, the centre's operational electricity consumption was among the highest in our portfolio at 737 kWh per m² in 2009.

In 2010, we commissioned an energy audit at Freccia Rossa, which identified opportunities to achieve significant reductions in energy use. We implemented a number of changes including adjustments to our Building Management System focussing on HVAC and lighting settings.

As a result of these measures, we achieved significant energy savings at Freccia Rossa. In 2010, the shopping centre recorded a total electricity consumption of 5.156 million kWh, a 15% reduction in comparison with 2009. This enabled us to reduce electricity costs by 15%, and improve Freccia Rossa's electricity efficiency by 18%, from 737 kWh per m² in 2009 to 607 kWh per m² in 2010.

