



## **CASE STUDY** - Alder Hey Children's NHS Foundation Trust, Liverpool, L12 2AP.

Save It Easy® Fluorescent Tubes

### **Save It Easy®**

#### **The Project**

Alder Hey Childrens' NHS Foundation Trust is one of the largest and busiest children's hospitals in Europe, responsible for treating 400,000 sick children a year. The site's buildings are under pressure to perform 24 hours a day, 365 days a year. The Trust used Save it Easy to upgrade 9,768 lamps to low energy lighting.

#### **Implementation**

After a successful small-scale trial at the hospital showed that energy savings of 45% were achievable, the Trust gave the go ahead for a site-wide Save it Easy installation. In March 2008 over 9,700 lamps were converted with no disruption to the every day workings of the wards and installation was completed within an impressively brief three months period.

#### **Savings**

As a result of installing the Save It Easy units an annual energy cost saving of £97,348 and an annual CO2 emissions saving of 481.1 tonnes has been made.

This means the project life savings of the installation total £567,383, which equates to 4,090 tonnes of CO2.

#### **Project Payback**

Including annual maintenance cost and Climate Change Levy -: 1.78 years



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