

## CASE STUDY - Trinity College, Dublin, Ireland



**Annual Savings: €9200 Payback: 2.5 Years**

### The Project:

Trinity College Dublin is one of the largest and busiest colleges in Ireland. With over 16,000 students, the site's buildings are under pressure to perform for lengthy hours during the day all year round. Trinity College used **Save It Easy®** to upgrade 1200 lamps to low energy lighting.

### Implementation:

After a successful small-scale trial at the college showed that energy savings of 40% were achievable, the College gave the go ahead for a **Save It Easy®** installation in an area of the Arts Buildings. In January 2009 over 1200 lamps were converted with no disruption to the every day workings of the college, and installation was completed within an impressively brief two week period.

### The Savings:

As a result of installing the **Save It Easy®** units, annual energy cost saving of €9,200 and CO2 emissions savings of 22 tones have been made. This installation was in one specific area – the Arts Buildings with 40% savings.

### Project Payback and Comments:

Including annual maintenance cost and Climate Change Levy -: 2.5 years.

**Quote:** "Now with 640 lamps in the TCD Arts Building concourse replaced, we've measured an average increase of around 20% in the light level (partly due to the brand new lamps). The triphosphor lamps used also give a much better quality of light to the area. We are working to identify other areas in TCD and at other client sites where this product will provide a good payback, as well as the obvious maintenance benefits" – **Mark Robertson & Associates – Energy Partners Trinity**