

The Importance of Eco-Technology in our Buildings

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Innovation for Success

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17th November 2010

A Little Bit About Me...

- BEng Mechanical Engineer
- MSc Sustainable Energy Systems
- Energy Engineer for a FM company
- My primary client is Heathrow Airport
 - > A selection from the portfolio is;
 - Engineering Hangars
 - Flight training
 - Terminals
 - Datacenters
 - Cargo Center

Why do we need to save Energy?

- ◉ Climate Change Act 2008
 - > 34% reduction in GHG's by 2020
 - > 80% reduction in GHG's by 2050
- ◉ Carbon Reduction Commitment
 - > A form of Green tax
 - > Adds 0.65p per unit consumed of electricity onsite
- ◉ Corporate Target
 - > Saving energy transpires to saving money.
 - > Adds to your corporate responsibility.

The Strategy

BE LEAN

Tailor your energy usage to your operation

- Plant room timing
- Lighting schedules

BE GREEN

Employ energy efficient Technology

- VSD control
- LEDs
- Hand dryers

BE CLEAN

Source renewable clean energy

- CHP
- Solar heating

Eco - Technology

- ◉ We need to invest in new efficient technology
- ◉ Perpetual investment

Our aim is common, our target is defined and the technology exists to reach our goal.

The result, an economical and sustainable future.

Final Thought

Treat the Earth well. It was not given to you by your parents. It was loaned to us by our children.

Kenyan Proverb