



**Education – Changing  
Behaviour**  
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Business Development Manager*

# PRI organisation



# Education

- **Awareness.** *Awareness at early age should be simple and no cost*
- **Responsibility.** *Taking responsibility for your actions. Responsibility by all.*
- **Early adopters.** *Educating early develops and provides a better understanding throughout their education of energy consumption.*
- **Acceptance not expectance.** *I want never gets!*
- **Change behaviour.** *The objective of awareness and responsibility is for life!.*

# Legislation

- **National Indicators**
- **CRC**
- **EPBD**
- **Building regulation Part L**

# Switched on Schools





PC with VPN

Electricity



# Displays



## Carbon View

A Step towards a Low-Carbon Building

Carbon View is a complete energy and CO<sub>2</sub> display, showing instantaneous and accurate consumption data for targeting CO<sub>2</sub> emissions.

Using smart electric, gas and water meters, data is communicated wirelessly over a computer network. From this, the CO<sub>2</sub> emissions produced are calculated using Government statistics, and all of the data is displayed on a screen as a visually appealing set of dials that move in real-time with the actual energy-consumption. The dials and background display can be tailored to your brand.

By showing carbon emissions across multi-utilities, staff, customers and associates are able to see and engage in actual energy usage as well as see its reduction. Carbon View is an ideal display for reception and public areas, such as at the Institute of Mechanical Engineers in Westminster. This stimulates environmental awareness and carbon reduction efforts, while projecting a message of action in the sustainability arena.

With considerable experience working with commerce, public sector and utilities, PRI have developed and implemented various energy-saving schemes for multiple and single-site establishments. Carbon View is a tool for communicating your actions externally and ensuring the sustainability ethos is carried internally.

# Hampshire Schools

- 12 Schools selected
- Gas and Electricity
- Working with the Schools

**Carbon Counter**

The infographic features a central diagram with three gauges: a top gauge for  $\text{g}/\text{CO}_2/\text{s}$ , a left gauge for Electricity, and a right gauge for Gas  $\text{cm}^3$ . Below this, the text reads "Your energy usage effects our Site's emissions output". At the bottom, three smaller gauges are labeled "kW" and are associated with "Office North / Prinstown", "Transport / Telesales South", and "Telesales North".

Scottish and Southern Energy  
 Powered by PRI LTD, Winchester, England.

The right side of the infographic shows a photograph of a wind turbine against a blue sky with white clouds.

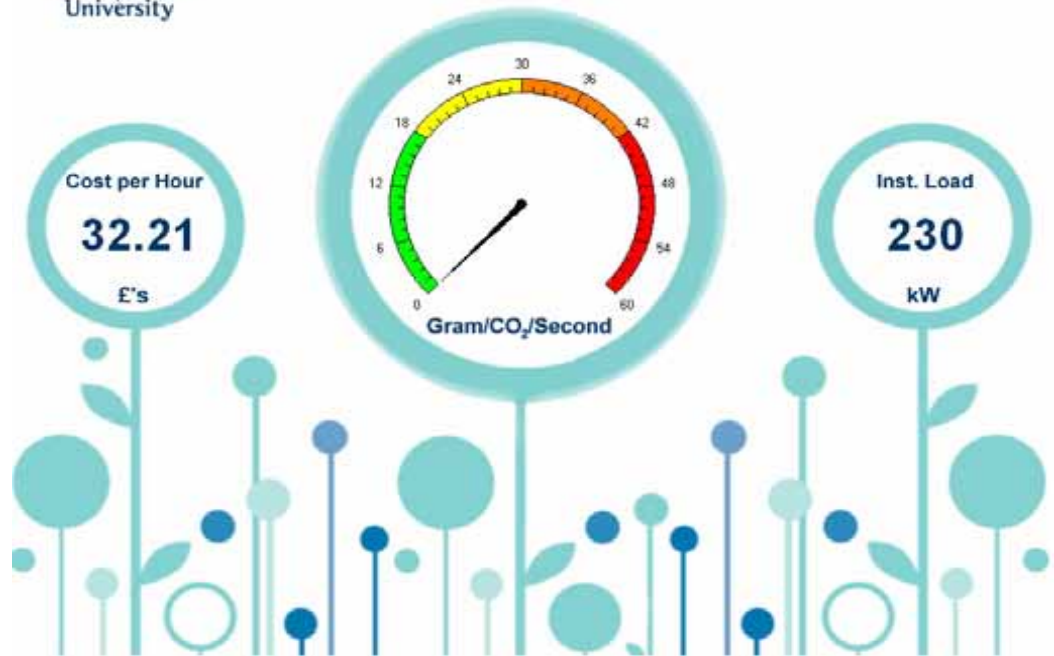
# Manchester Metropolitan University

- Electricity monitor
- Real-time cost by the second
- Quick visual impact
- Identifies the area's to tackle

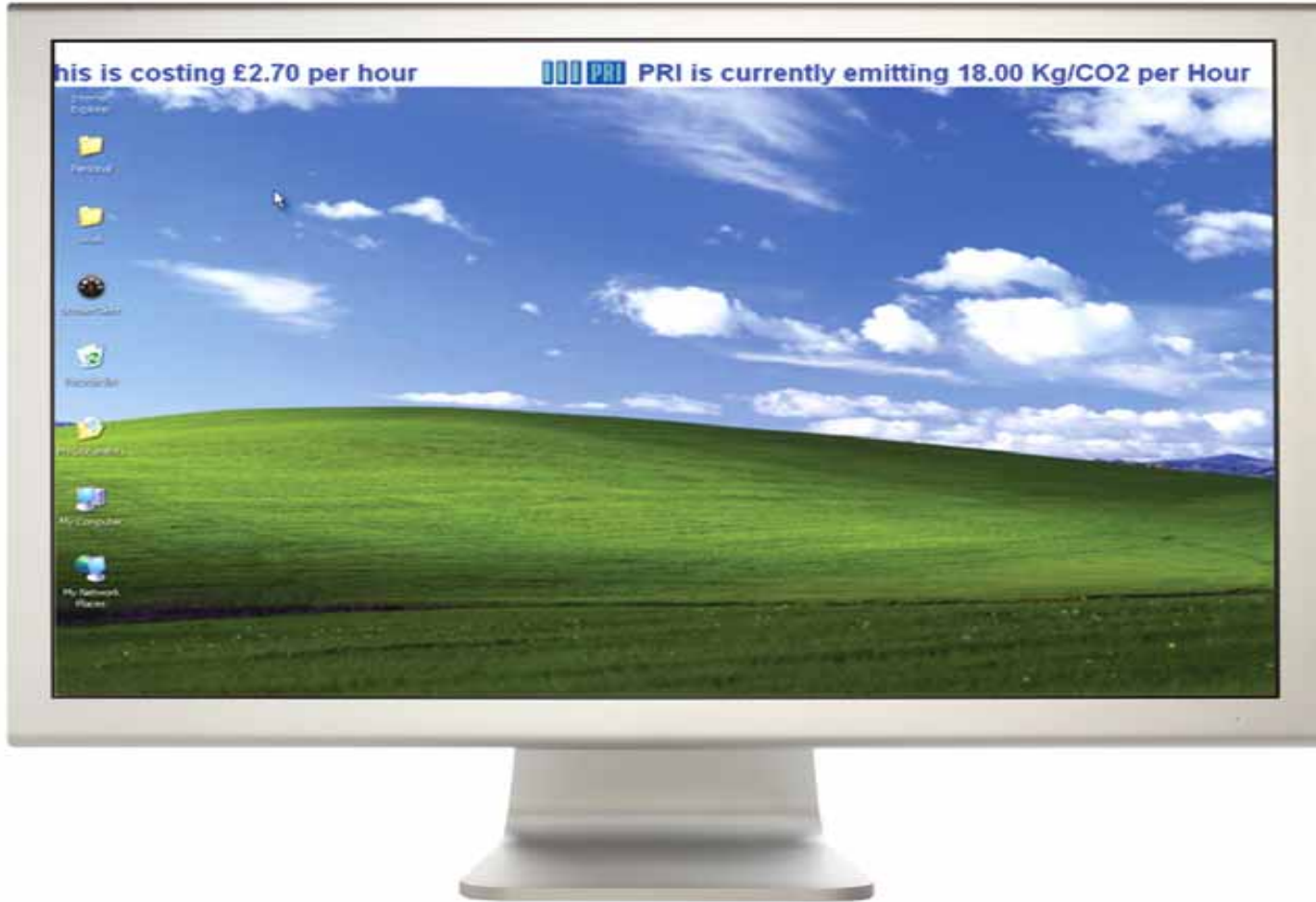


## Zero Carbon Offices

Geoffrey Manton Building



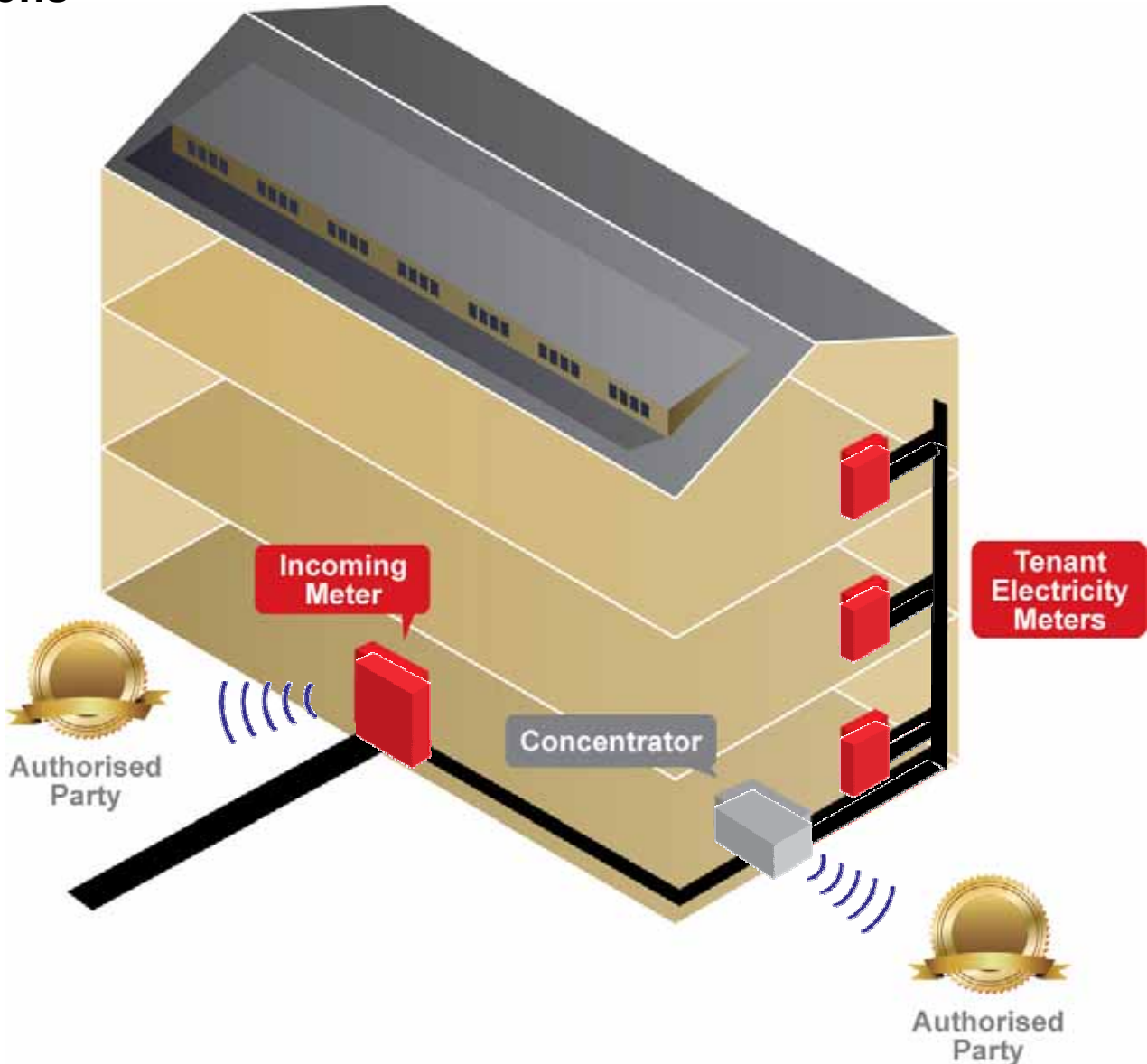
# Displays



# Campus solutions – Stirling University



# Innovations



## To summarise

- **Contact your local energy supplier for data**
- **Access what you are trying to achieve and similar schools/universities are trying to achieve**
- **Is there a bigger picture within your local authority, government and/or energy supplier**
- **The objective of awareness and responsibility is for life!.**

**Thank you**

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