

# DIDACTEASE LTD ART STUDIO AND GALLERY IN MELTON, SUFFOLK

## Energy emissions statement:

Emissions Source	Annual Spend (£)	Annual Emissions
Natural gas	£161	1.1
Electricity	£1,710	6.2
<b>Totals</b>	<b>£1,871</b>	<b>7.3</b>

## Recommendations and identified savings:

Action	Cost Saving (£)	Carbon Savings	Est. Project Cost (£)
Monitor and manage energy use	£980	1.3	£294
Install energy efficient lighting and controls	£1,950	7.4	£8,595
Upgrade heating system and controls	£4,703	5.7	TBD
Upgrade the building fabric	£1,235	8.5	£24,167
Gain the Carbon Charter	TBD	TBD	Free
<b>Totals</b>	<b>£8,868</b>	<b>22.9</b>	<b>£33,056</b>

## Progress Update:

Didactease Ltd has been awarded funding to install energy efficient lighting throughout phase 1 of its building refurbishment. Cost savings of £2,181 and 4.4tO<sub>2</sub>e will be realised following an investment of £23,540. This implies a payback period of 10.8 years.

£6,591 of grant funding was awarded to reduce the business' investment to £16,949 and the payback period to 7.8 years.

## Results:

Maximising the energy efficiency opportunities that exist during refurbishment means that operating costs will be minimised from the outset.

