



Energy-Efficiency Loans Scheme

LIF Seminars – June 2010

Energy-Efficiency Loans Scheme

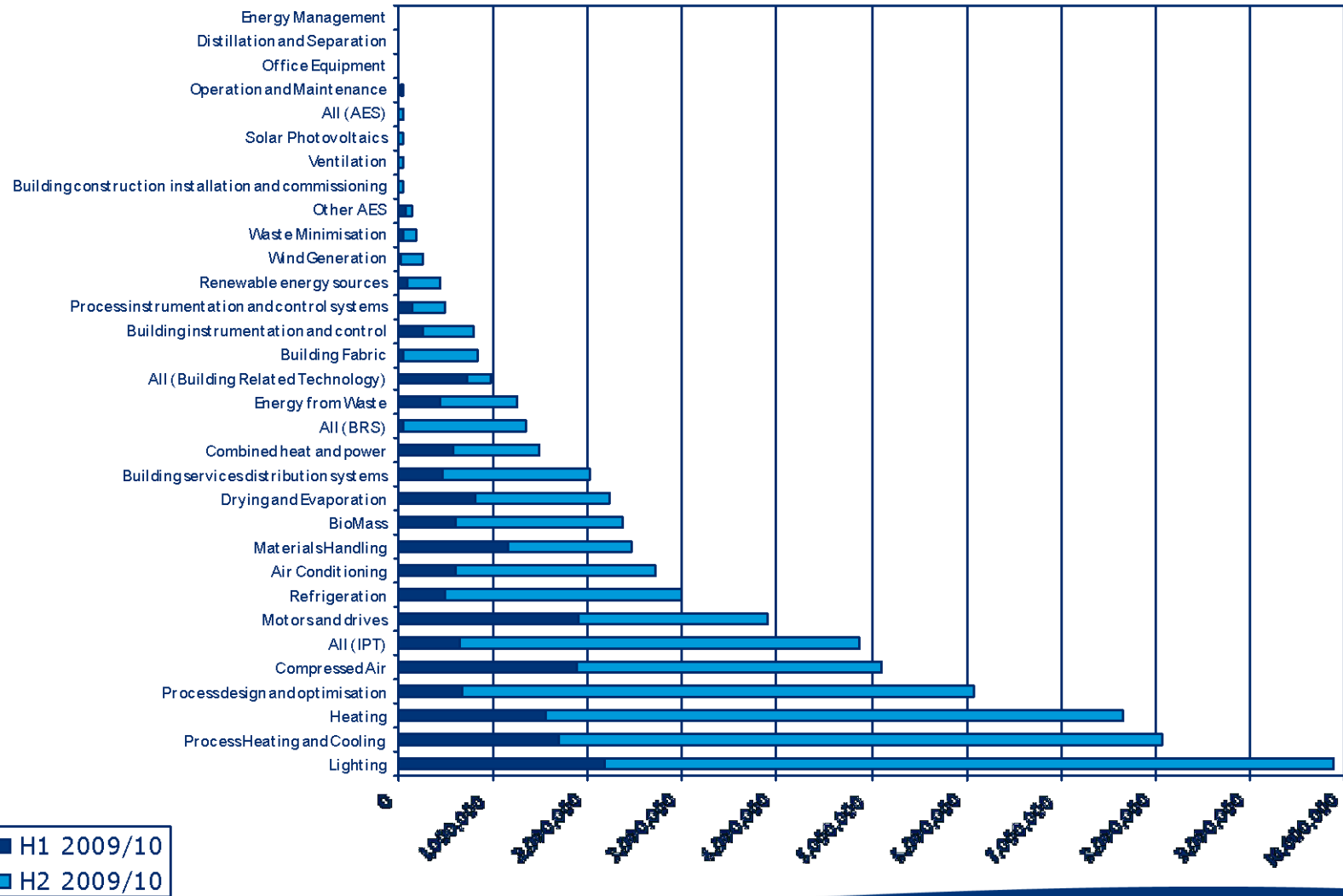


- Loans offered in 2009/10
- Who is eligible to apply
- Vital Statistics of the scheme
- Applying for a loan
- Enhanced Capital Allowance Scheme (ECA)

Loan offer by Region FY 2009/10



Growth in loan offer value By Technology



Energy-Efficiency Loans Scheme



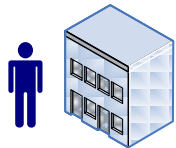
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Who is eligible to apply for a loan?



<250 Employees
<£43M turnover
<£37M assets
<25% owned by a non SME

Throughout all of the UK

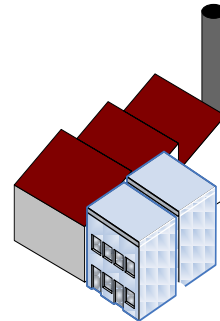


Small & Medium Sized Enterprise

or

Businesses using 6000 mWh of half hourly metered electricity. (circa £500k)

Throughout all of the UK

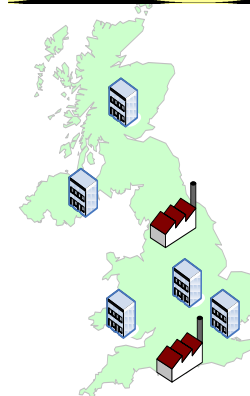


Medium Enterprises

or

All Other Businesses

Northern Ireland



Large Enterprises

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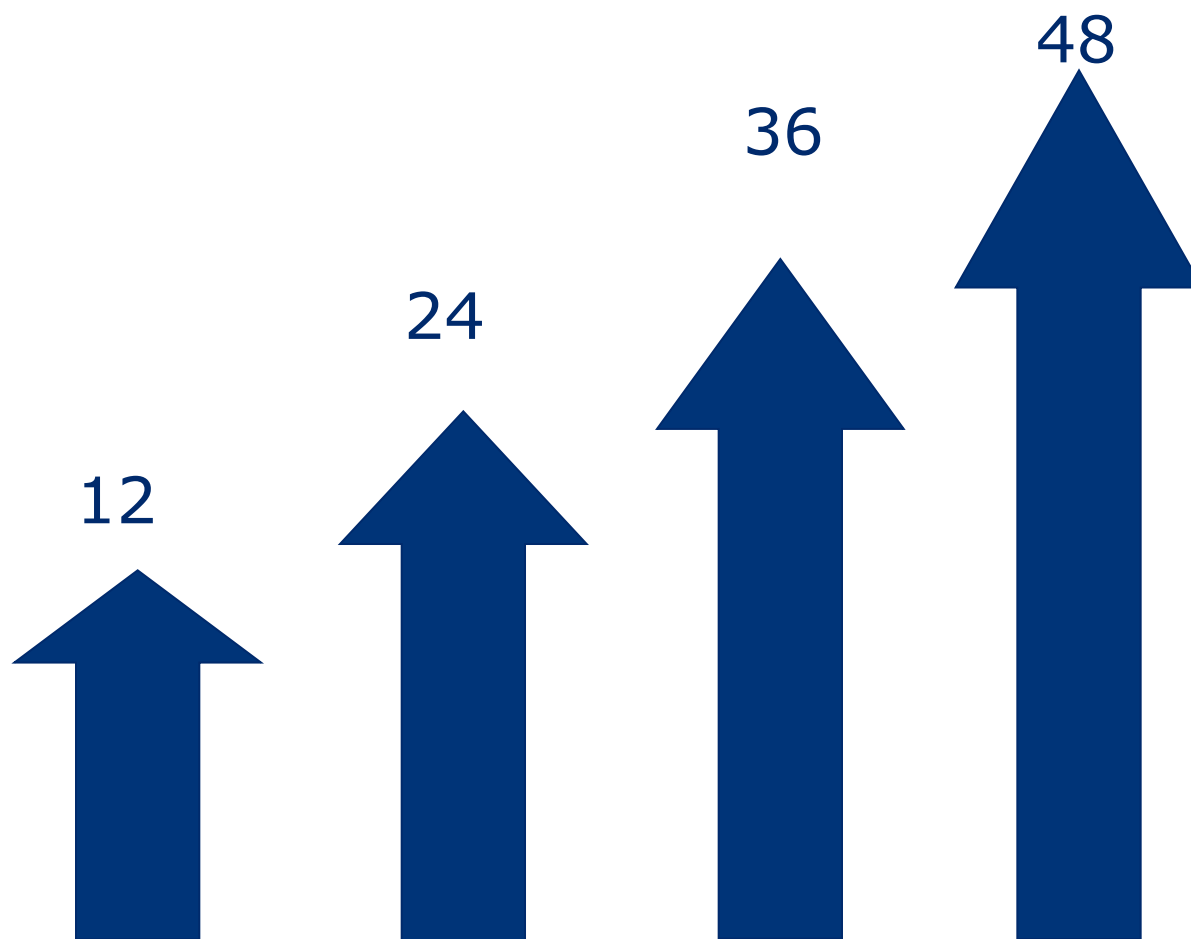


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Vital Statistics – Loan Value



Vital Statistics – Repayment Period (Months)



Vital Statistics – repayment period



Calculate the repayment period:

loan amount / annual energy saving = repayment period

£100,000 loan / saving £30,000 pa = 3.3
(4year loan)

The loan is designed to pay for it's self

Vital Statistics

➤ Interest Free

**0%
interest**

**No
Annual
Fee**

**No Set
up Fees**

➤ Unsecured

**No Director
Guarantees**

**No Charge
over assets**

Vital Statistics



Borrow

£100,000

Pay Back

£100,000

Exceptions

Loans offered under EU de minimis state aid rules:

Businesses in the following sectors unfortunately are unable to apply for a loan or have restrictions:

- Agriculture – £3k to £20k
- Fisheries
- Export - related
- Transport

What equipment can be purchased with a loan?



- Any equipment that generates an on site fossil fuel energy saving as part of the 'project'
 - Examples range from insulation through to CHP or renewables.
 - Projects may be co-joined (say, heating and lighting projects)

- Equipment does not need to be listed on the Energy Technology List of the ECA scheme.

Examples



Building Technologies	Industrial Process Technologies
Air conditioning	Compressed air
Boilers and heating controls	Motors
Boiler and hot water tank information	Materials handling equipment
Building insulation	Power factor correction
Heat recovery	Process heating
Lighting	Process controls
Pipe insulation	Refrigeration
Solar thermal systems	Variable speed drives

How much CO₂ is required

Energy efficiency loans calculator

The amount the Carbon Trust will loan for a particular project depends on the reduction in carbon dioxide (CO₂) emissions that the project will achieve and the energy cost savings. To determine the maximum possible amount the Carbon Trust might offer, enter the current energy use of your system below, along with predicted post-project energy use, and the price you pay for your energy. When you make an application for an Energy - Efficiency, loan we will appoint an independent Energy Saving Assessor to validate the energy savings associated with your project.

Start Calculation ?

Please select the country the equipment will be deployed in

	Fuel Type	CO ₂ Conversion factors kg CO ₂ /kWh	Unit Price (p/kWh)	Existing Annual Usage (kWh)	Post Project Annual Usage (kWh)
Delete	Electricity	0.537	8.000	37242.000	18621.000
Delete	Natural Gas	0.185	3.000	108106.000	54053.000
Delete	Heavy Fuel Oil	0.268	6.000	74626.000	37313.000

[Add Fuel](#) ?

Annual Saving (£)	5,350.05
Annual Saving (CO ₂ Tonnes)	30.00
Maximum Loan Amount (£)	15,000.00

2.0t CO₂
per
£1000
loaned

Tonnes CO₂ savings / kWh



What energy savings will generate a £3,000 loan?

Fuel	kWh (6.0 tonnes CO₂)
Electricity	11,026
Fuel Oil	22,520
LPG	27,978
Natural Gas	32,616

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How easy is it to apply?



- An on-line application process
 - 30 minutes maximum - with all the data to hand
 - You or your supplier can drive the application
 - Supporting documents uploaded
 - Conditional offer to the customer once the application submitted
 - You can save the application before submission

Example of Payments

£ 30% Deposit

££ 60% On Delivery

£££ 10% for Commissioning

****All paid directly to the customer****

More information on Loans . . .

- Information about loans

www.carbontrust.co.uk/loans

- Register as a supplier

www.carbontrust.co.uk/energy/suppliers

- Carbon Trust advice Line

- Tel: 0800 085 2005

- Email: customercentre@carbontrust.co.uk

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Enhanced Capital Allowances - Benefit to purchasers



- 100% first-year enhanced capital allowances (ECA) allow a greater proportion of the cost of an investment to qualify for tax relief against a business's profits/losses of the period of investment
- Provides financial incentive to end users
 - Potentially reduce running costs through increased efficiency
 - Reduce payback periods, and provides cash flow boost.
- Reduced energy consumption means lower energy bills and reduced Climate Change Levy payments
- Reduces carbon footprint
- Information - www.eca.gov.uk/etl

**Thank you ... any
questions?**

