



Energy Efficiency Business Support Service

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19 Nov 2021

Climate-Friendly Business Breakfast

energy.zerowastescotland.org.uk

 @energy_zws



EUROPE & SCOTLAND
European Regional Development Fund
Investing in a Smart, Sustainable and Inclusive Future

Who we are



**A service from
Zero Waste Scotland**



**Funded by
the Scottish
Government
& ERDF**



European Union



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**Free, impartial,
expert support**

Helping Scottish
businesses reduce
their energy, costs
and carbon footprint.



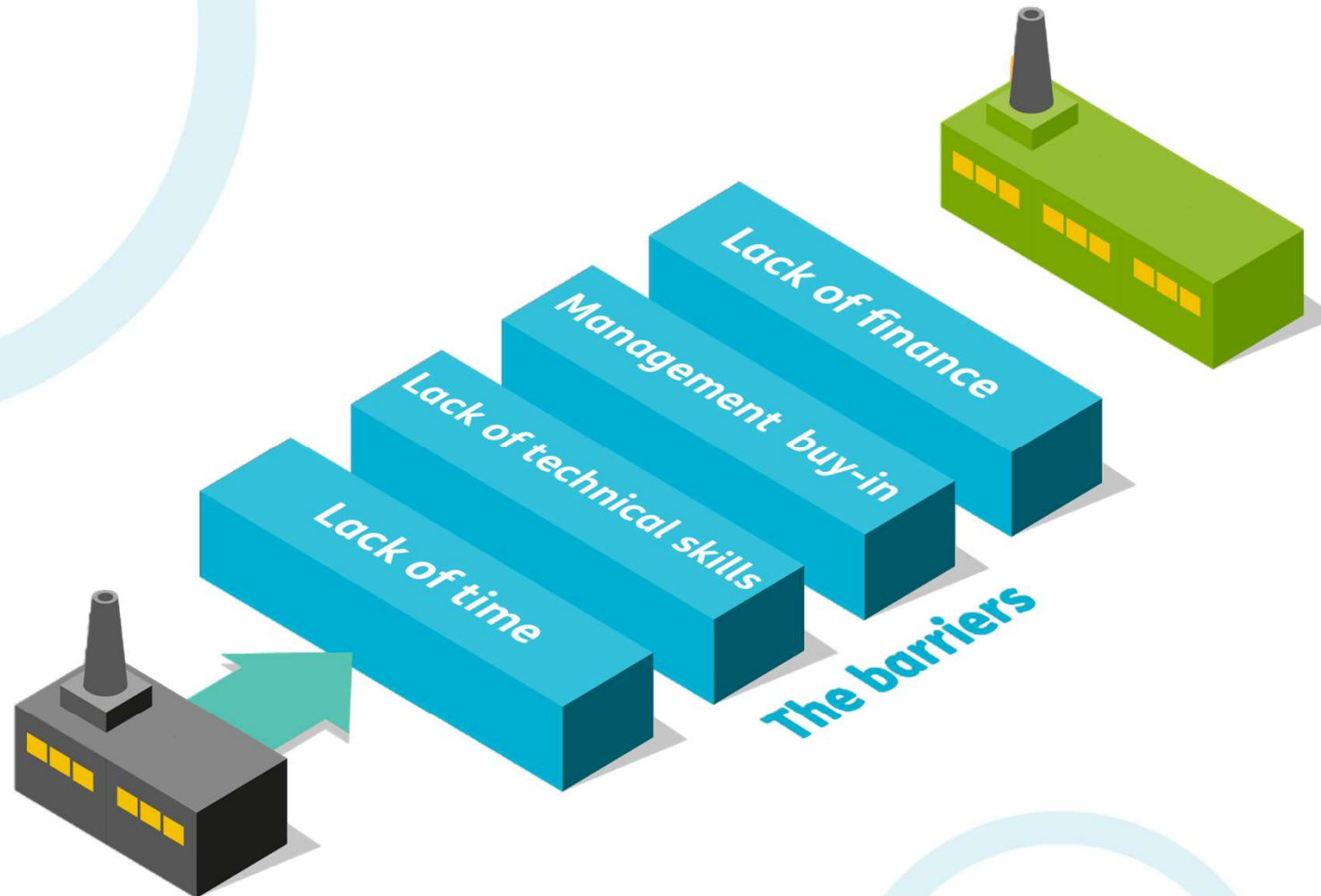
European Union



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Barriers to energy efficiency



Free support for SMEs

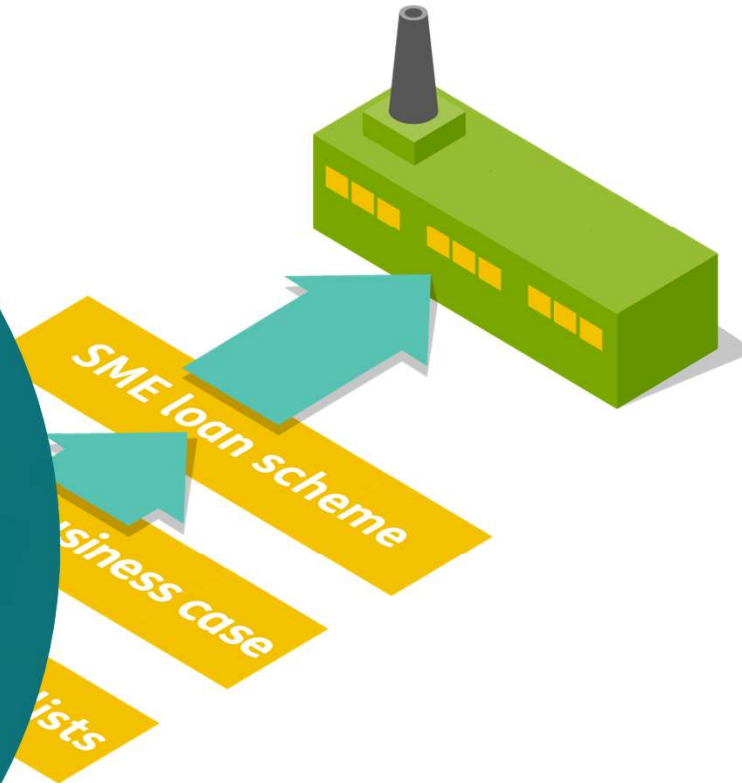
Helping you overcome barriers



SME loan

- £1,000 to £100,000 interest-free loan
- Unsecured and no set-up charges
- Can be set against capital allowances
- 8-year repayment

UP TO £20K cashback



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Thousands of businesses

already accessing the support

More than

3,395

businesses
have already had
support





Thousands of businesses

already accessing the support

We've identified over
£200 million
cost savings

Typically

£50k

savings identified
per business

24%
saving
on energy bills





Energy Efficiency
Business Support

Energy Efficiency Assessment

RECOMMENDED OPPORTUNITIES

 EUROPE & SCOTLAND European Regional Development Fund Investing in a Smart, Sustainable and Inclusive Future		Finance			Annual environmental saving	
		Annual cost benefit	Investment required	Payback	Energy	CO ₂ e
Item	Description	£ (excl VAT)	£ (excl VAT)	Years	kWh	tonnes
1	Generate your own electricity with solar PV	£490	£4,500	9.2	2,983	0.8
2	Upgrade refrigeration units	£894	£1,500	1.7	5,957	1.5
3	Install heating controls in main building	£500	£400	0.8	14,124	2.6
4	Draughtproof main entrance	£135	£200	1.5	5,005	0.9
5	Install air source heat pump to heat extension more efficiently	£3,644	£10,000	2.7	66,796	12.4
6	Upgrade to LED lighting	£584	£200	0.3	3,896	1
7	Install air curtain to reduce heat loss in main entrance	£997	£1,300	1.3	6,210	1.6
8	Replace inefficient gas boiler with biomass boiler in main building	£2,647	£7,400	2.8	1,076	4.7
TOTAL		£9,891	£25,500	2.6	106,047	25.5

70%

implementation

9/10

recommended



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Case studies



Cairnsmill Caravan Park



Renewables and inventive solutions

- **Air source heat pump** reduces costs and protects rural company against rising and volatile energy costs, and fuel supply risks
- Chemical pool cover reduces heat loss by between **10% - 30%**
- Water and energy **costs reduced** by installing devices to reduce water use



“Our resource efficiency achievements have not only helped us reduce costs, but helped us to achieve a David Bellamy Conservation Gold Award.”

John Kirkaldy – Owner, Cairnsmill Caravan Park



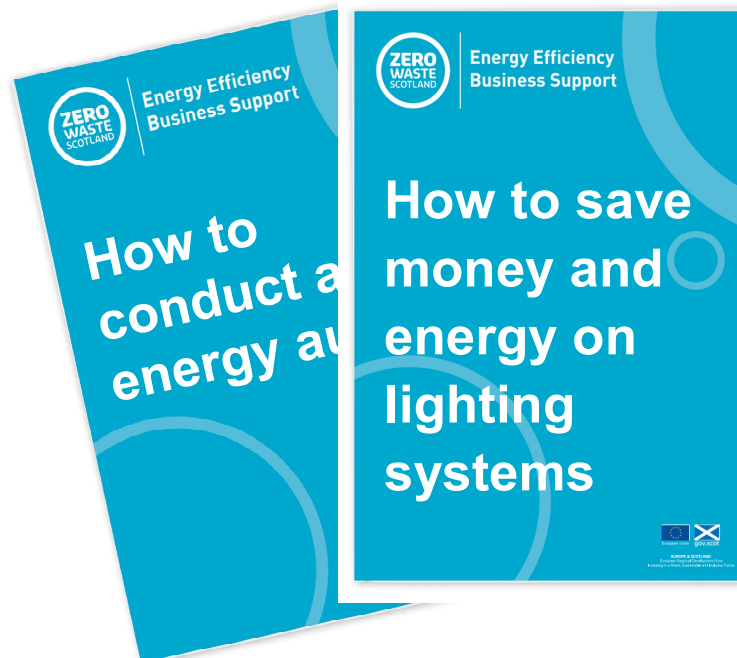
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Free training



Staff engagement toolkit

Guides



You expect me to work hard all day but still be turned on at night



Leaving all the lights on overnight in a typical office wastes enough energy to make over 6,000 mugs of coffee

Switch

Zero Waste Scotland's Energy Efficiency Business Support service helps businesses to cut their average of 24%.

Each year over 24,000 individuals and organisations get in touch with us for impartial advice and free, specialist consultancy support.



Switch off - Save energy

Zero Waste Scotland's Energy Efficiency Business Support service helps businesses to cut their energy costs by an average of 24%.

Each year over 24,000 individuals from a range of organisations get in touch with us for impartial advice and free, specialist consultancy support.



Energy Efficiency Business Support

We're here to help
Call us on 0800 818 228
Email: EnergyEfficiency@zerowastescotland.org.uk
Visit: www.energy.zerowastescotland.org.uk



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Green Champions Training



Free CPD-Certified training for your staff

- A series of bite-sized modules teach latest resource efficiency knowledge and practice
- Certificate on completion
- Ideal lunchtime learning



'Great course for businesses that want to learn about resource efficiency at their own pace. I highly recommend this course'

Seamus Corry, Assistant Manager | Cloybank



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Thank you.



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