

VOLKSWAGEN

GROUP UNITED KINGDOM LTD



Driving Efficiency in Dealerships

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Volkswagen Group UK



Audi
Vorsprung durch Technik



SEAT

ŠKODA



**Commercial
Vehicles**

SMMT / Carbon Trust Study 2011

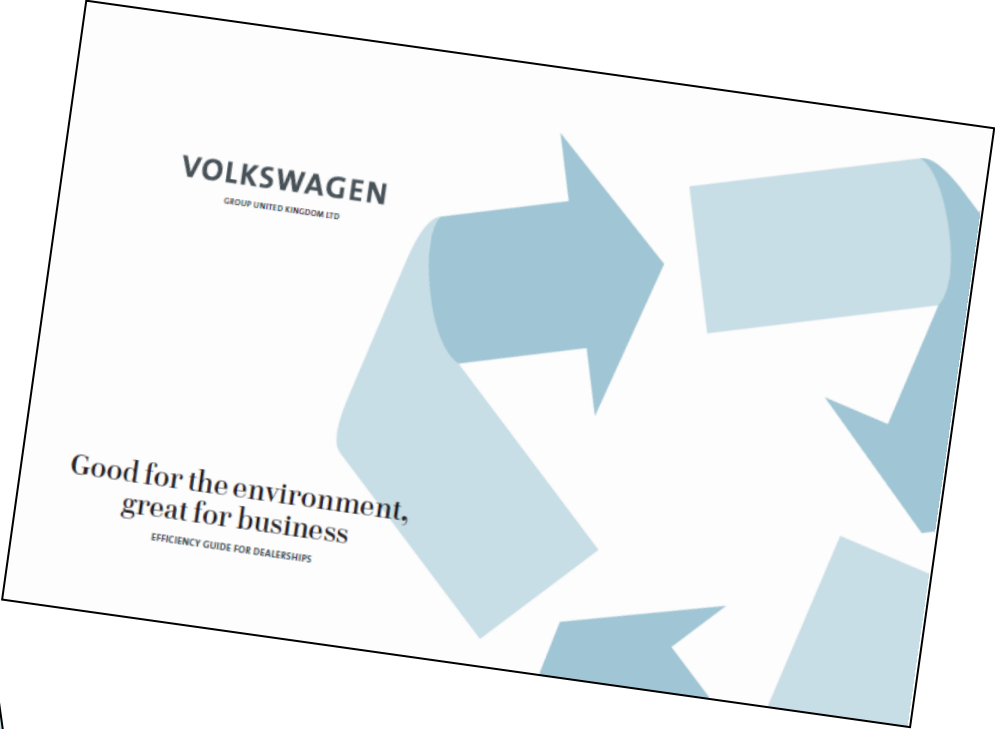
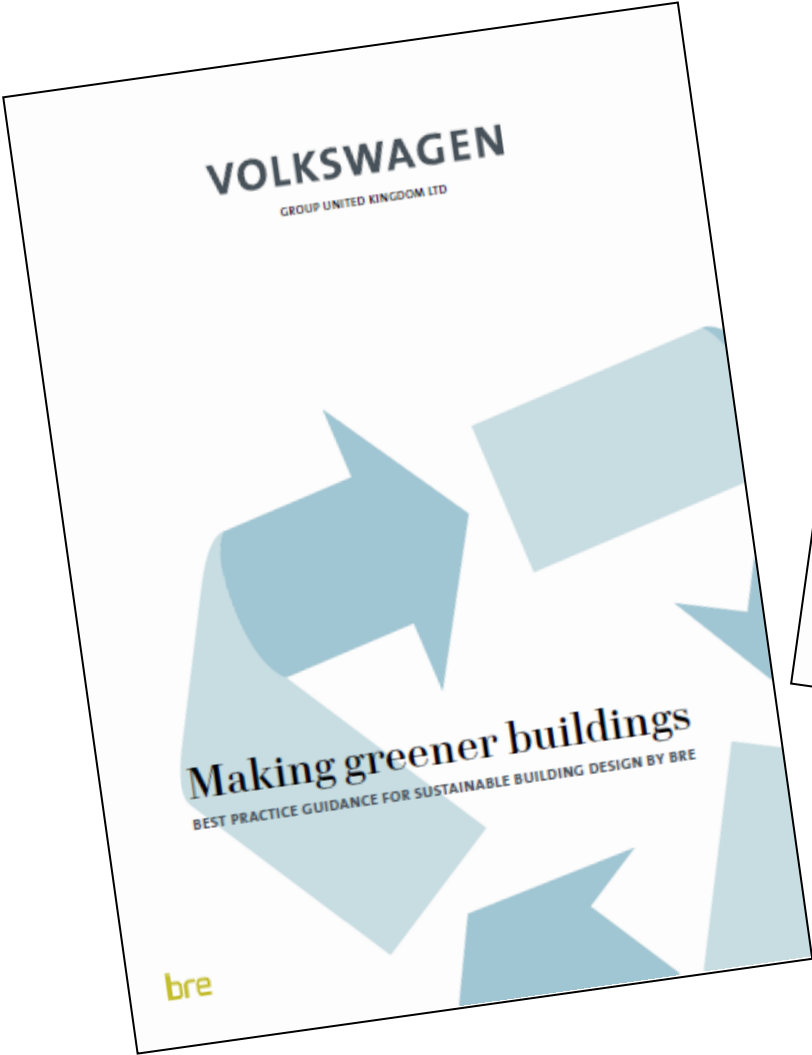
Average retailer energy spend £40,000

Savings of 25%
are possible with
modest
undertakings

£4,000 savings
possible without
spending a
penny



Volkswagen Group Approach



Lighting

FACT: Approx 40% of energy costs are related to lighting

Low / No cost

- Switch off lights that are not in use.
- Make better use of natural light.
- Adjust timers to lower occupancy time.



Investment

- Replace T12 fluorescent tubes with thinner, more efficient, T5 tubes. Saving £800-£1600/year.

Heating and hot water

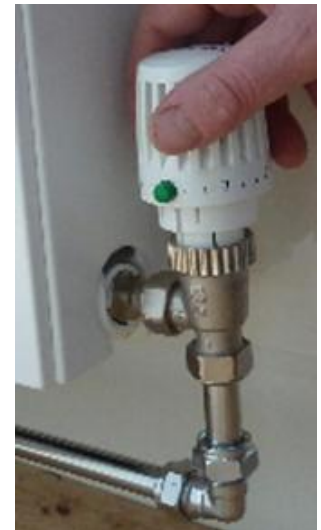
FACT: Approx 30% of dealership energy costs from heating.

Low / No Cost

- Switch off heating systems that are not in use.
- Close doors when heating or air conditioning is on.

Investment

- Save up to £8,000/ year by resetting boiler heating controls.
- Save £300 a year by repairing door seals.
- Save £1,000 a year by installing radiant heaters.



Settings and Controls

FACT: For every 1°C the A/C is set below 24°C, electricity consumption and costs increase by 11%

Low / No cost

- Save up to £5,000/year by reducing the fan speed on air-handling units and up to £6,000/year by adjusting air-conditioning settings.

Investment

- Save up to £4,000 a year by installing a Building Management System in workshop and bodyshop areas.
- Use timers for car park lights and save up to £3,000 a year.

Compressed Air Equipment

FACT: Approx 6% of energy costs relate to the air compressor.

Compressed air escaping from a 3mm hole can cost up to £700 a year in wasted electricity

Save £100 a year by enabling time controls on the air compressor.

Save £1,000 a year by maintaining air compressors to prevent leaks.



Measure and Monitor

FACT: Reducing temperature settings by just 1oC can reduce consumption by 8%.

“If you don’t measure and monitor it, you cannot reduce it”