

# Transport Support Services

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Energy Saving Trust

# Overview

1. Who we are
2. Key advice services
3. Case studies

# Energy Saving Trust



- Leading and trusted organisation helping people save energy
- Consultancy for UK businesses and international companies
- Speak to millions of householders each year
- Pioneering world-renowned research
- **Independent and impartial**

# Transport Advice Service



- Free and impartial transport consultancy service
- Full geographical spread in Scotland (from Borders to Orkney)
- Average identified annual savings £13,000 and 22 tonnes of CO2
- Help accessing grants and funding

# Key services available

- Sustainable Transport Review
- Fuel Good Driver Training
- Switched On At Work (SOAW)





# Electric Vehicles



Lower fuel costs (80% less)

Lower maintenance costs

Lower Whole Life Costs

Low company car tax

No Vehicle Excise Duty (for full EVs)

100% First Year Allowance – offset whole cost against taxable profits

Plug-in Car and Van grants (up to £4,500 for cars and £8000 for vans)

# Van Options



**Nissan e-NV200**  
Range – 85 to 137 miles  
Payload – 703kg  
Charge time – 4 to 7hrs  
Price from £13,390



**Renault Master ZE**  
Range – 100 miles  
Charge time – 6hrs from 7kW  
Price from £TBC  
Coming in 2017/18



**Renault Kangoo ZE**  
Range – 85 to 124 miles  
Payload – 650kg  
Charge time – 6hrs  
Price from £13,651  
(+£60/mnth battery rental)



**VW e-Crafter**  
Range – 96 miles  
Payload – 1709kg  
Charge time – 6hrs from 7kW  
Price from £TBC  
Coming in 2017/18



# Car Options



## Nissan Leaf

Range – 99 to 188 miles  
Charge time – 7 to 8hrs  
Price - £21,680 to £26,490



## Renault Zoe

Range – 119 to 200 miles  
Charge time – 3 to 6hrs  
Price - £13,995 to £17,845  
+ battery rental



## Hyundai Ioniq EV

Range – 140 miles  
Charge time – 4hrs  
Price from £24,495

# Electric Vehicles – Lothian Buses



## Recommendation implemented:

Replaced Ford Fiesta diesel van with  
Nissan e-NV200 (18,000mpa)

## Expected annual savings:

- £3,099 in fuel costs
- 5 tonnes of CO2

*(Additional 2 vehicles have been  
replaced in 2017)*

# Grey Fleet Management

*Privately owned vehicles used for business purposes*



# Grey Fleet Management

## Alternatives:

- Company cars
- Pool cars
- Hire cars
- Car club



# Grey Fleet Management – Aberdeen Council



## Recommendation implemented:

Replaced grey fleet with car club scheme (20 vehicles)

## Annual savings:

£40,000 in grey fleet costs

## Additional benefits:

Local community benefit from car club

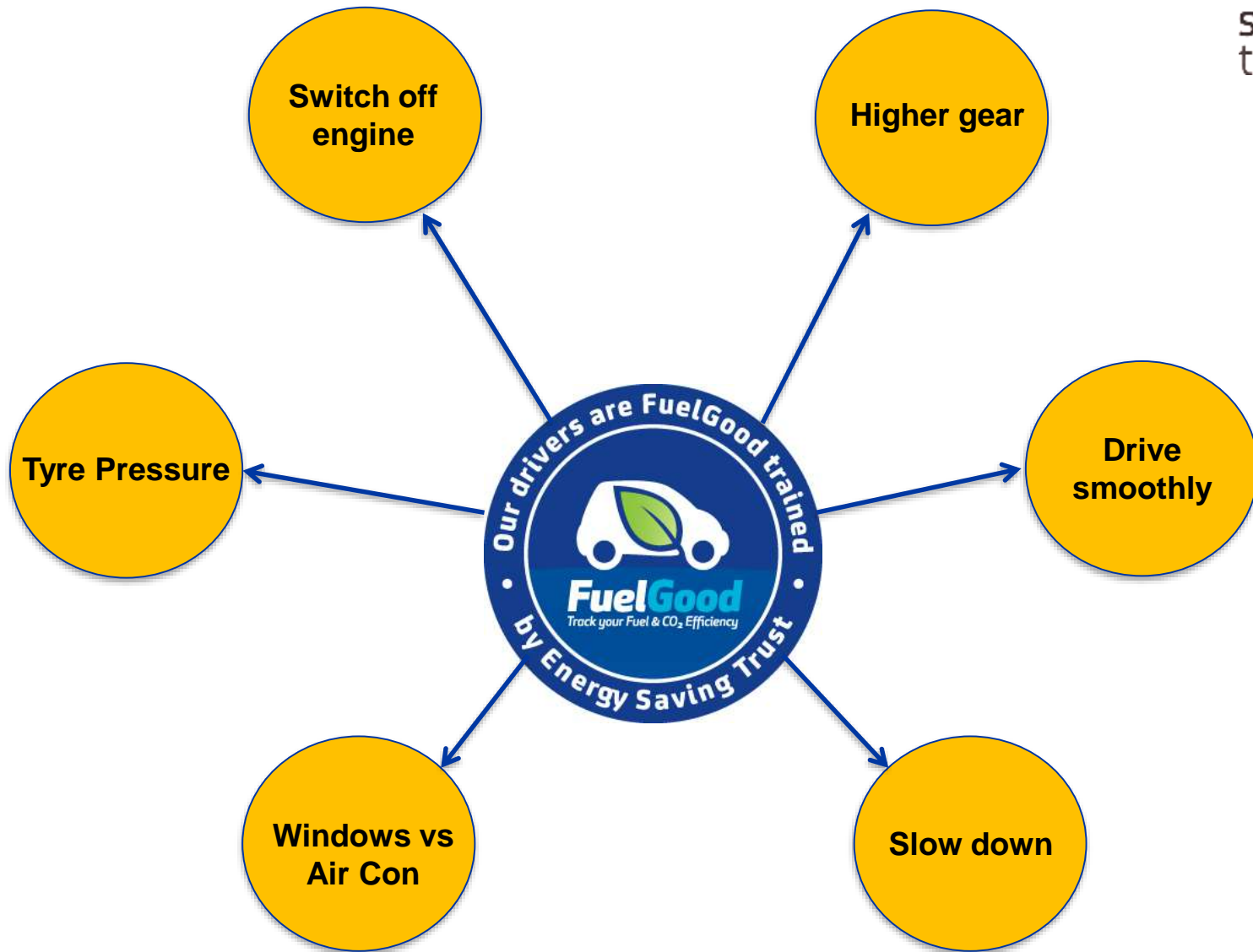
Reduced admin of council's pool fleet

Car club members able to try EVs

# Fuel Efficient Driver Training

*Other than vehicle type, the driver is the single biggest factor affecting fuel costs and emissions*





# FuelGood Driver Training - Rabbies



2.5 million km driven per year

53 drivers trained

## Improvements during training:

- 13% less fuel
- 15% increase in MPG

## Potential annual savings:

- £54,573 in fuel costs
- 97 tonnes of CO2



# Switched On @ Work

- Employee engagement programme
- Designed to encourage uptake of Ultra Low Emissions Vehicles (ULEVs)
- Workshop delivered to staff
- EV test drive

## Employer benefits:

- Corporate leadership and innovation
- Sustainability – enhanced green credentials
- Employee incentive



Contact – [switchedon@est.org.uk](mailto:switchedon@est.org.uk)

# Summary

- Big potential savings from looking at your fleet transport
- Take advantage of free transport consultancy service from Energy Saving Trust
- Worked with a number of Local Authorities in the past
- Contact your local Transport Advisor on **0800 0931 669** or **[sustainabletransport@est.org.uk](mailto:sustainabletransport@est.org.uk)**

## **Gordon Manson**

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