

# EST FuelGood driver training APSE Scotland Seminar 2017 25 May 2017

# Annual work plan

## Business and consumer transport advice

### Interest free Low Carbon Transport Loans for businesses and consumers

- Loans for plug-in motorbikes, cars, LCVs and HGVs
- Loans Best in Class Hackney Cabs
- Loans for sustainable transport measures such as in-vehicle telematics and video conferencing

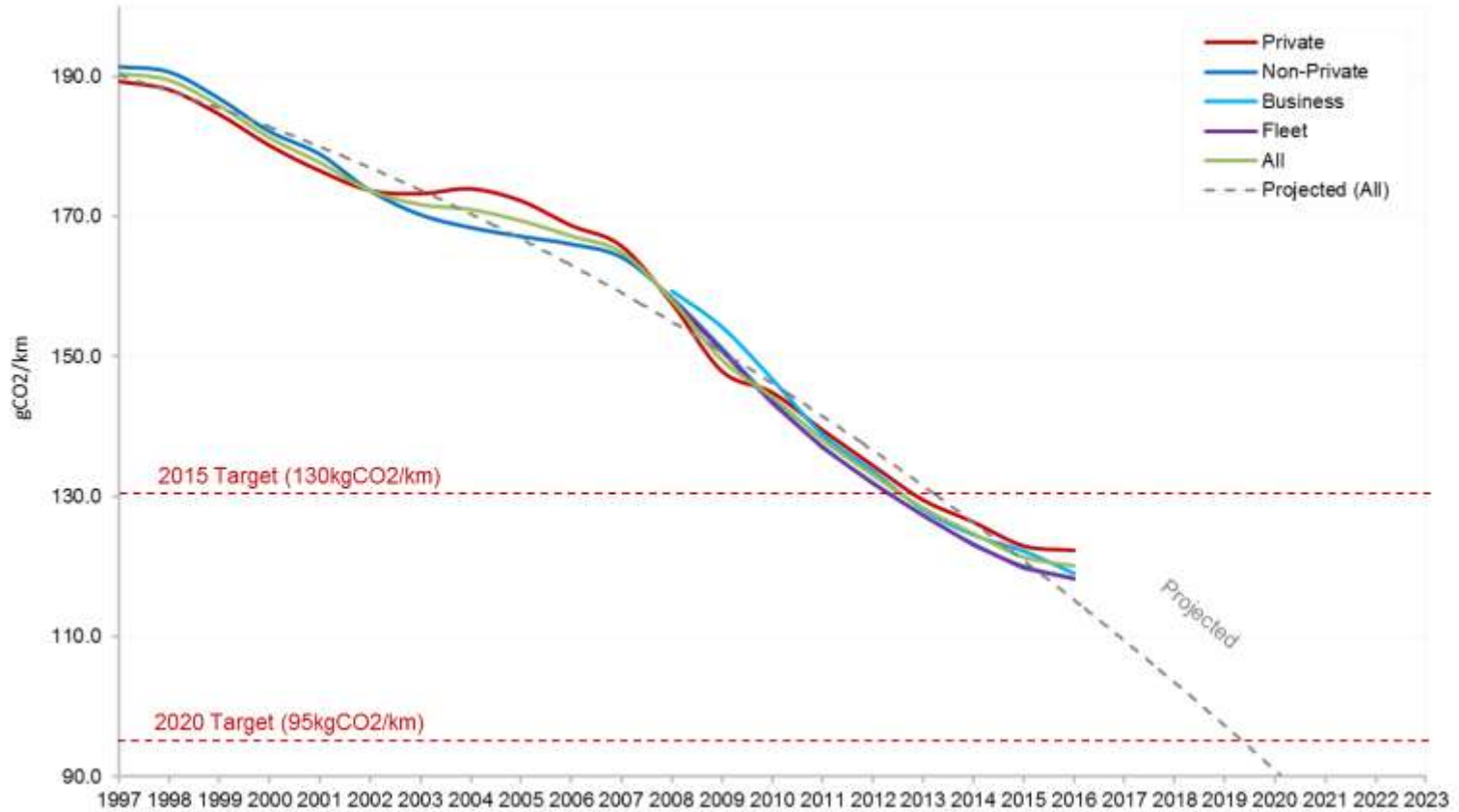
### Grant funding for domestic and workplace charging infrastructure

- £500 top-up grant for domestic charging infrastructure
- 50-100% grant funding for workplace charging infrastructure

### Subsidised FuelGood fuel efficient driver training for up to 3,500 drivers

- FuelGood driver training for ICE vehicles
- FuelGood driver training for EVs

### 1.1 Average Annual New Car CO2 Emissions



Source: SMMT

# The driver has a key role to play



# Fuel efficient driving

- Switch off your engine
- Higher gear
- Drive smoothly
- Slow down

## Top tips for fuel efficient driving

- 1. Switch off your engine.** Many newer cars automatically turn off when stationary. If yours doesn't, turn off your engine when you've stopped for a minute or so to save fuel.
- 2. Higher gear.** Check your revs – change up a gear at around 2,000 RPM to reduce fuel consumption.
- 3. Drive smoothly.** Assess the road ahead as much as possible to avoid unnecessary braking and acceleration, which increases the amount of fuel you use.
- 4. Slow down.** Your fuel costs will increase the faster you drive, so keep speeds reasonable.

5 Further details at: <http://www.energysavingtrust.org.uk/scotland/businesses-organisations/transport/fuelgood-driver-training>

# Benefits of training



12.1%

- The average MPG improvement seen on day of training

1-6%

- Typical maintained driver savings

## Additional benefits of training

- Reduced fuel consumption and carbon emissions
- Reduced risk of accidents while driving
- Lower risk of vehicle wear and tear on tyres, brakes and clutches
- Opportunities to demonstrate your commitment to the environment

92%

- Drivers recommend FuelGood training to others

85%

- Drivers say FuelGood has changed the way they drive

# Fuel Good

Description	Subsidy Payment	
FuelGood (ICE) session	An approved FuelGood trainer meets the trainees at the appointed location. For organisations the training will usually be held in the workplace area. Each trainee is collected and returned to the premises after a 50-minute training session.	£25.00 standard rate
		£30.00 rate for public sector organisations and community groups
FuelGood (EV) session	Training is delivered in 2-hour, one-to-one driving sessions. Usually the training is held in the trainees' own electric vehicle. Results show that drivers trained achieve an increase in range of up to 20% during this training.	£50.00

8 Further details at: <http://www.energysavingtrust.org.uk/scotland/businesses-organisations/transport/fuelgood-driver-training>



# FuelGood Suppliers

- AA Drive Tech
- Auto Global Solutions Ltd.
- DriveSense Ltd.
- Dugald Campbell
- NFE Group Ltd. (Automotional)
- Roadwise Driver Training CIC
- Scotia Driving Academy





## Rabbie's cuts costs and carbon emissions with FuelGood

**Question:** What does Rabbie's, one of Edinburgh's most successful minicoach tour operators, have in common with international heavyweights like Boots, BskyB and Vodafone?

**Answer:** They have chosen to give their drivers FuelGood fuel efficient driver training. Why? Because FuelGood driving can save businesses (and individuals) around 20p on every litre of petrol - and in Scotland, the training is subsidised by Transport Scotland.

If you are keen on saving the planet, there's an added bonus. Consuming less fuel will cut your carbon emissions too.

Rabbie's is justly proud of the 13 awards it has received for environmental and responsible tourism. Aiming "to leave the legacy of our beautiful landscape for future generations to enjoy", the company promotes environmental awareness among both its staff and customers.

Now that 44 of its drivers have received FuelGood training, Rabbie's has become one of the first businesses in the capital to qualify for the Energy Saving Trust's new FuelGood Recognition Scheme.

Qualifying for the scheme requires a company to train at least 60% of its drivers. In FuelGood hitting this milestone means Rabbie's can display the FuelGood logo alongside its other achievements, further demonstrating its commitment to the environment and its corporate and social responsibilities.

Paul Wilkinson, Home Energy Scotland's

Business Transport Advisor, says:

"Unsurprisingly for an organisation which has several carbon reduction policies in place, some of Rabbie's drivers already knew the stuff, demonstrating the highest possible fuel efficiency scores from the start of their 50-minute, one-to-one training session.

"The majority, though, saw significant improvements in their fuel consumption and miles per gallon."

Accompanied by an approved FuelGood instructor, each driver drove normally over an initial circuit of local roads then repeated the exercise using fuel efficient driving techniques.

Comparing their results over two fuel, participants used up to 26.8% less fuel and achieved up to 35.7% improvement in miles per gallon by the end of their training session.

Paul notes: "Given that Rabbie's drivers clock up over 2.5 million kilometres a year between them, based on these results the company

could save around £599 per annum and cut their carbon emissions by 125.25 tonnes by continuing to use FuelGood techniques."

Jeff Ferguson, Director of Operations at Rabbie's, is delighted: "We've had very positive feedback from the drivers, who have taken the course and if the results can be sustained it will give us significant savings across the fleet."

The company is interested in giving more of its drivers FuelGood training. Rabbie's the business will not be the only one to benefit. Their drivers will, too. For every 12,000 miles they cover in their own cars, they should see typical savings of £250 just by using fuel efficiency techniques.

Energy Saving Trust has trained nearly 35,000 drivers from more than 500 organisations.

Call 0800 931 699 or email [fuelgood@est.org.uk](mailto:fuelgood@est.org.uk) to find out more about free FuelGood training.

350

- Organisations provided with training

12,500

- Drivers trained to reduce fuel consumption and emissions



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## Driver efficiency course saves council thousands on fuel

News Home More from Local News

Tuesday, January 10th, 2017 1:00pm

Drivers working for Fife council have saved the Kingdom £200,000 - after being sent on a course teaching them to drive more efficiently.

Fuel costs have fallen since Building Services staff completed the course, run by the Energy Saving Trust.

It is also estimated to have stopped 3,400 tonnes of carbon dioxide from entering the environment.

Council bosses say they now want to put all their drivers through the course, to cut the £5m they spend every year on petrol.

Graham Hodgkins, Asset Manager for Fife Council's Building Services, said: "We actually found it really easy to implement and the results speak for themselves with a 15 per cent saving on fuel consumption already."

"Yes, there were a few cynics at first, but it didn't take long before people realised how useful it was, particularly when it comes to learning how to get the most out of modern and hybrid vehicles."

"To put it another way, every pound we save goes back into our budget, safeguarding the services we provide."

"There are plans now to roll this out across the whole of the council, which has an approximate fuel spend of £4.8million."

"Hopefully, we can achieve similar results."



Fife Council has saved £200,000 on fuel

## Thrifty council staff succeed in drive to keep fuel costs down

The Courier & Advertiser (Fife Edition) 11 Jan 2017



From left: John Rodigan, Matthew Eastwood, councillors Judy Hamilton and John Win-cott, and Graham Hodgkins.

Canny council staff are being thrifty when it comes to fuel costs following a training course.

Fife Council has saved nearly £200,000 on fuel following the intro-

duction of its FuelGood programme.

The initiative, trialled in its building services division, sustained a saving of £189,000 on an annual fuel spend of £1.43 million in 2016.

Now the local authority is set to roll the programme out to other areas in a bid to keep the savings coming.

Graham Hodgkins, asset manager for the council's building services, said: "We actually found it really easy to implement and the results speak for themselves with a 15% saving on fuel consumption already."

"There were a few cynics at first, but it didn't take long before people realised how useful it was, particularly when it comes to learning how to get the most out of modern and hybrid vehicles."

"To put it another way, every pound we save goes back into our budget, safeguarding the services we provide."

"There are plans now to roll this out across the whole of the council, which has an approximate fuel spend of £4.8m. "Hopefully, we can achieve similar results." Matthew Eastwood from the Energy Saving Trust said: "Even small changes in driver behaviour can make a big difference and, in addition to a cost reduction of £189,000, the initiatives delivered by Fife Council have saved 3,400 tonnes of carbon dioxide entering the atmosphere."

**Matthew Eastwood**

Head of Transport, Scotland

0131 555 7885

matthew.eastwood@est.org.uk

# **Fife Council Building Services**

***Changing Driver's  
behaviour and thinking***

# Our Vision

“Trained responsible drivers. A fit for purpose Fleet. A safe working environment for our employees and a safer environment for the communities of Fife”

# Challenges

- Aging AVLS dating back to late 1990`s
- Technology unreliable and unsustainable
- Costly upkeep
- Expensive mast sites
- Less than accurate vehicle location system
- Regular breakdowns and downtime
- Rarely fully functional

# Challenges cont

- Large dispersed workforce
- Trade Union negotiations
- Changes to working practices
- Health and Safety obligations
- Large geographical area
- Financial pressures
- Community impact



# Dependencies

- Cross reference of internal processes
- Regularised Toolbox Talks
- Speed restriction decals on vehicles
- Clear vehicle indicators
- Driver licence checks
- Linked to risk management system

# Outputs

- Reduction in speeding infringements
- Reduction in carbon footprint
- Fleet reduction
- Workforce visibility for supervisors

# Fife Council Fleet Updates

- Between 2011-2017 Fleet reduction of 426
- 22% reduction
- Diesel fuel savings of 445,102 litres
- 10% in fuel usage
- Reduction of 1,149 tonnes of carbon
- £538,573 Fuel Savings (based on £1.21)

# Building Services Fleet Updates

- Between 2011-2017 Fleet reduction of 42
- Between 2014-2017 Hire reduction of 33
- 7% reduction
- Diesel fuel savings of 109,831 litres
- 12% in fuel usage
- Reduction of 284 tonnes of carbon
- £132,896 Fuel Savings (based on £1.21)

# Building Services

Thank you for your time and attention.

Any Questions ?