



Department
for Transport

Maximising the benefits of today's low carbon fuels

Aaron Berry
Deputy Head, Low Carbon Fuels Division



- ▶ **Where** we are
- ▶ **Why** go further?
- ▶ **How?**



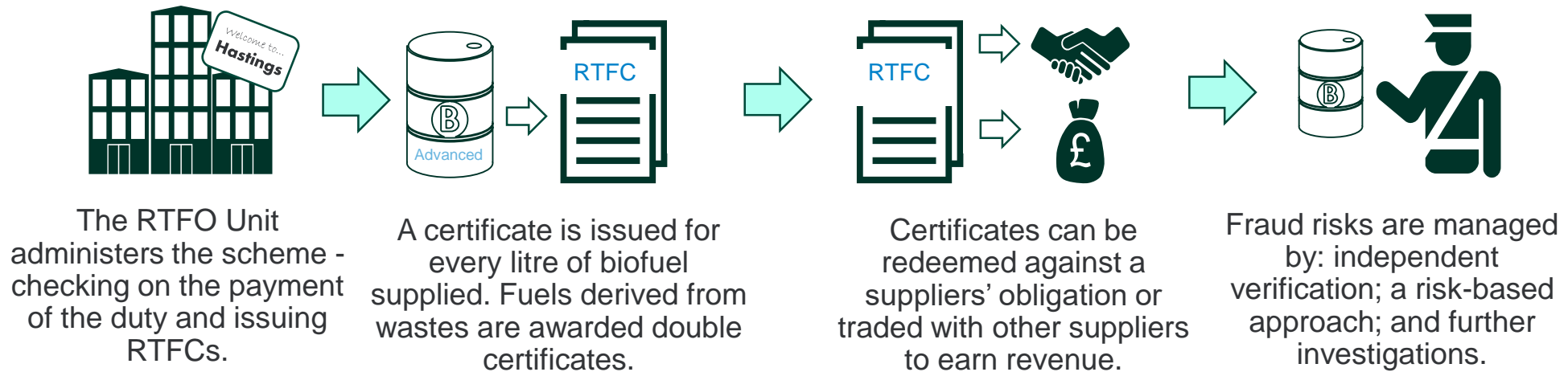


The Renewable Transport Fuel Obligation – 10 years of carbon savings

The Renewable Transport Fuel Obligation (RTFO) is...

... a legal requirement on fuel suppliers to, effectively, supply sustainable renewable fuel

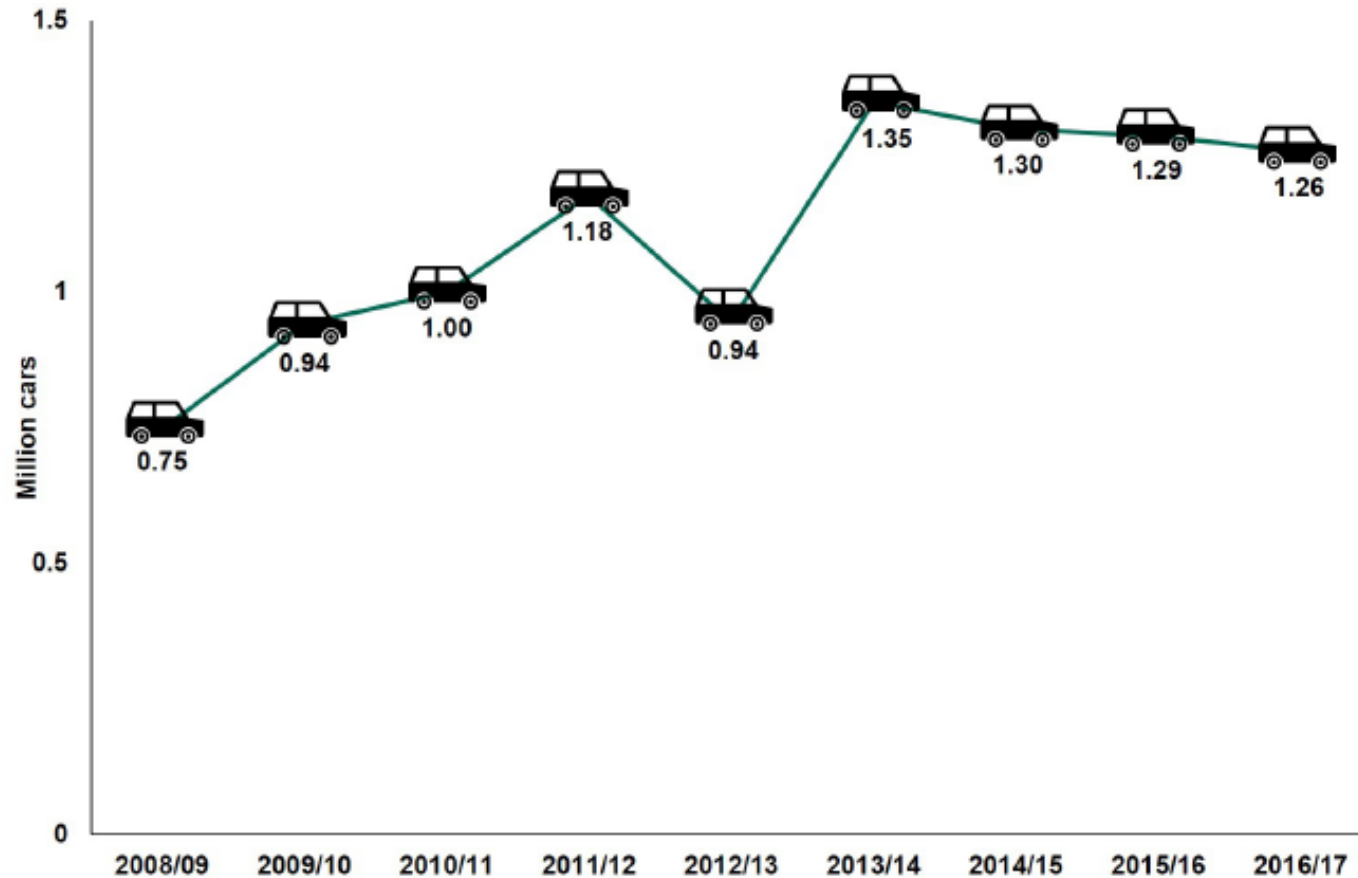
... based on market traded certificates (known as renewable transport fuel certificates, or RTFCs)





Today around 4% of road fuels in the UK are renewable

Figure 11a: Greenhouse gas savings - equivalent number of average cars taken off the road, 2008/09 to 2016/17



Note on figures

The figure used for average car emissions is a Department for Transport estimate as of 2014.

Average GHG savings of ~78% compared to petrol and diesel

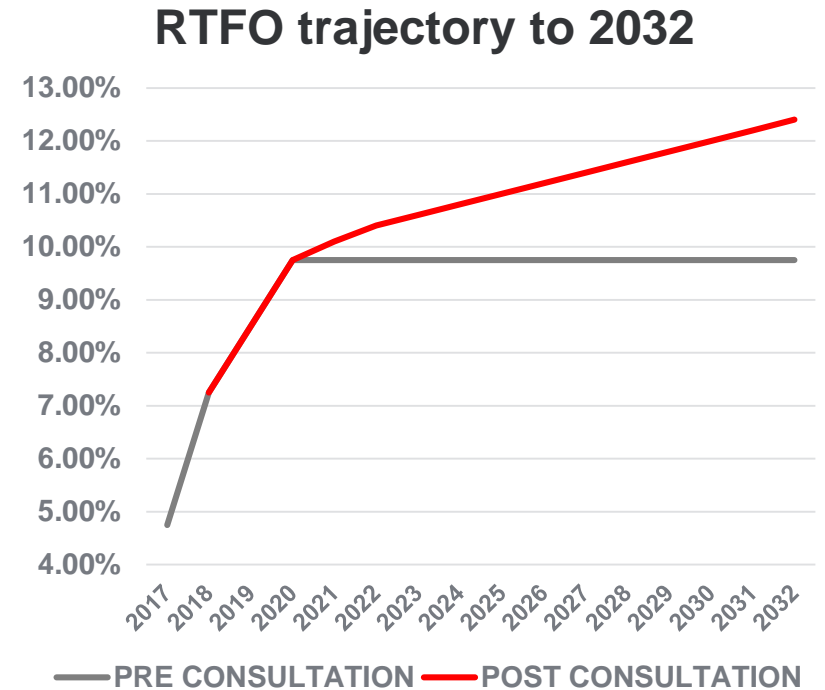
Annual GHG savings equivalent to taking <1 million cars off the road each year





“No regrets” targets to 2032 introduced last year

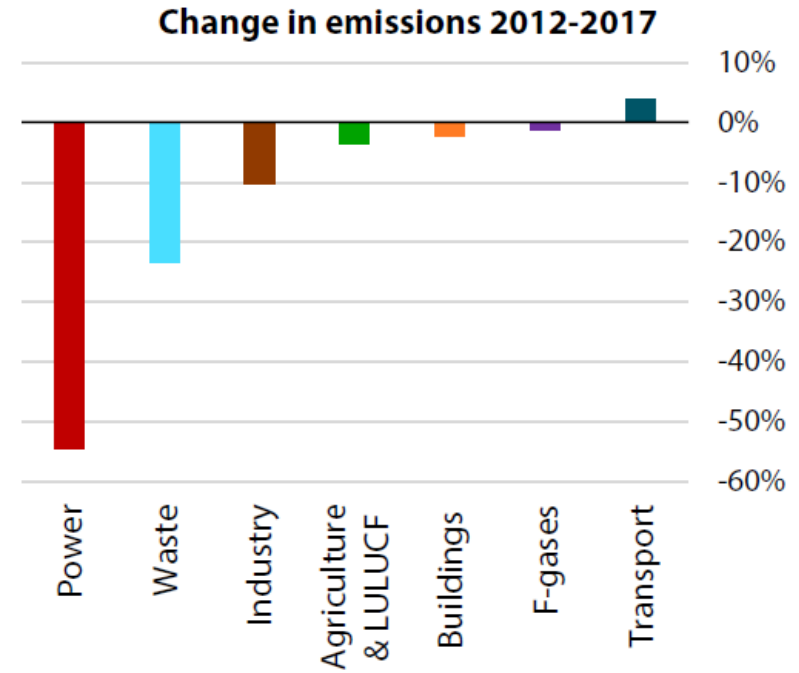
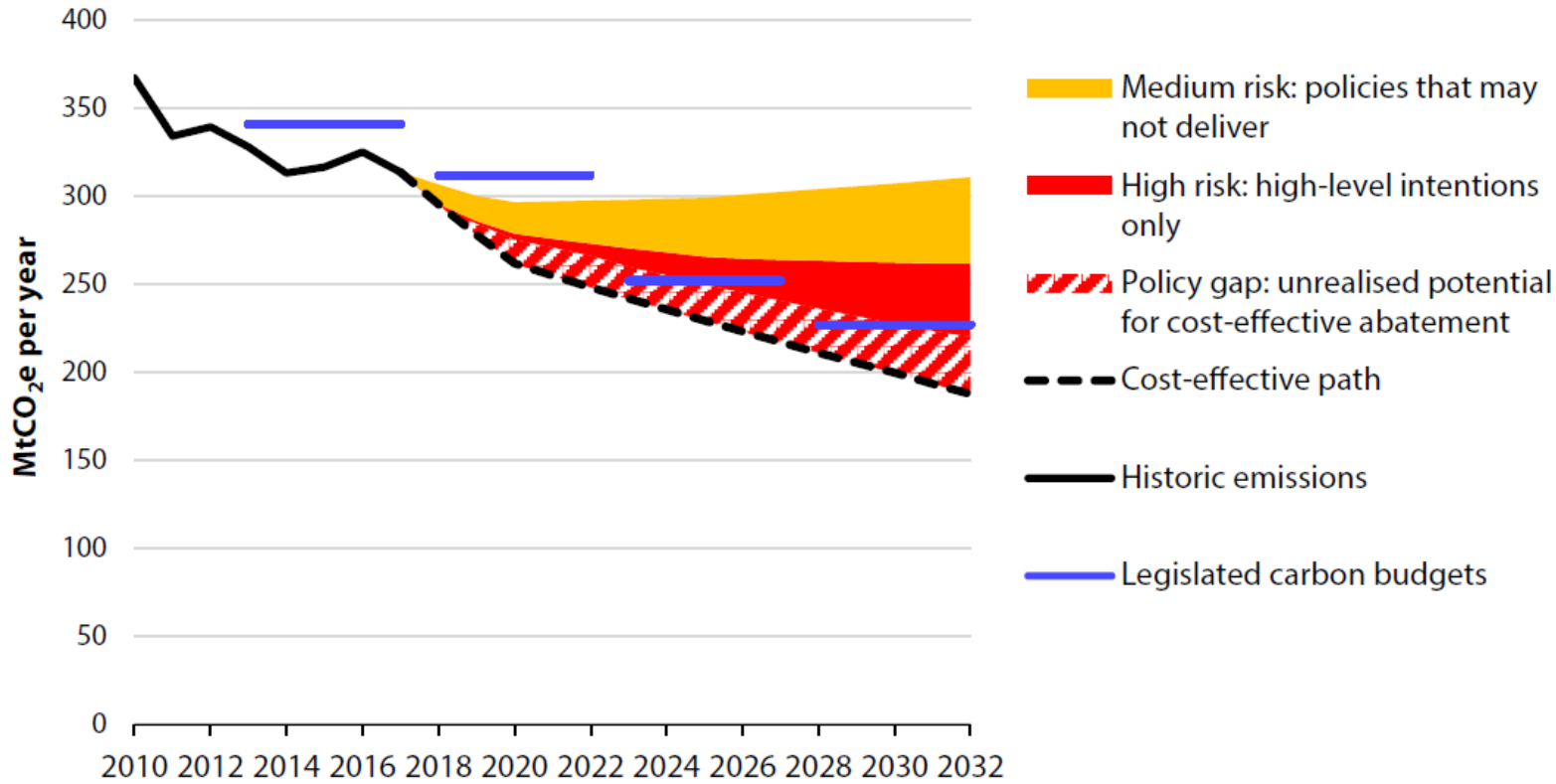
- ▶ Target more than doubled for clear investment signal
- ▶ Set to 2032 to align with UK carbon budget cycle
- ▶ Providing **above 7% by energy in 2032**





But the overall carbon challenge is huge

Figure 3. Risks remain around delivery of policies to meet the fourth and fifth carbon budgets



Source for figures:





Amendment of the target for 2050

2.—(1) Section 1 of the Climate Change Act 2008 is amended as follows.

(2) In subsection (1), for “80%” substitute “100%”.

Date

Name
Minister
Department for Business, Energy and Industrial Strategy

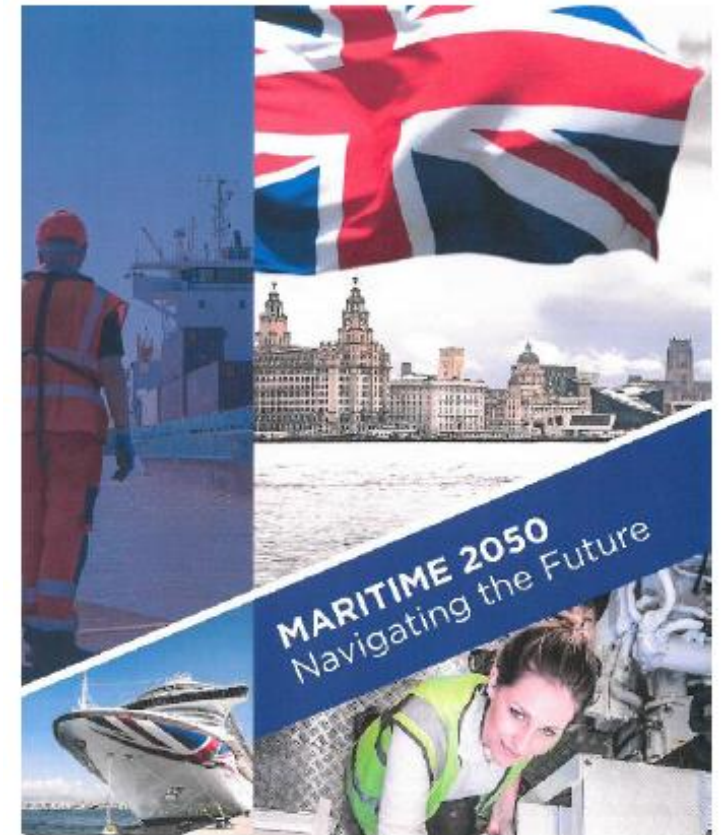




So what's the plan?

The Road to Zero

Next steps towards cleaner road transport and delivering our Industrial Strategy





How to go further with today's low carbon fuels?





Maximise the savings of the fuels delivered under the RTFO

Figure 12: Average GHG savings by supplier

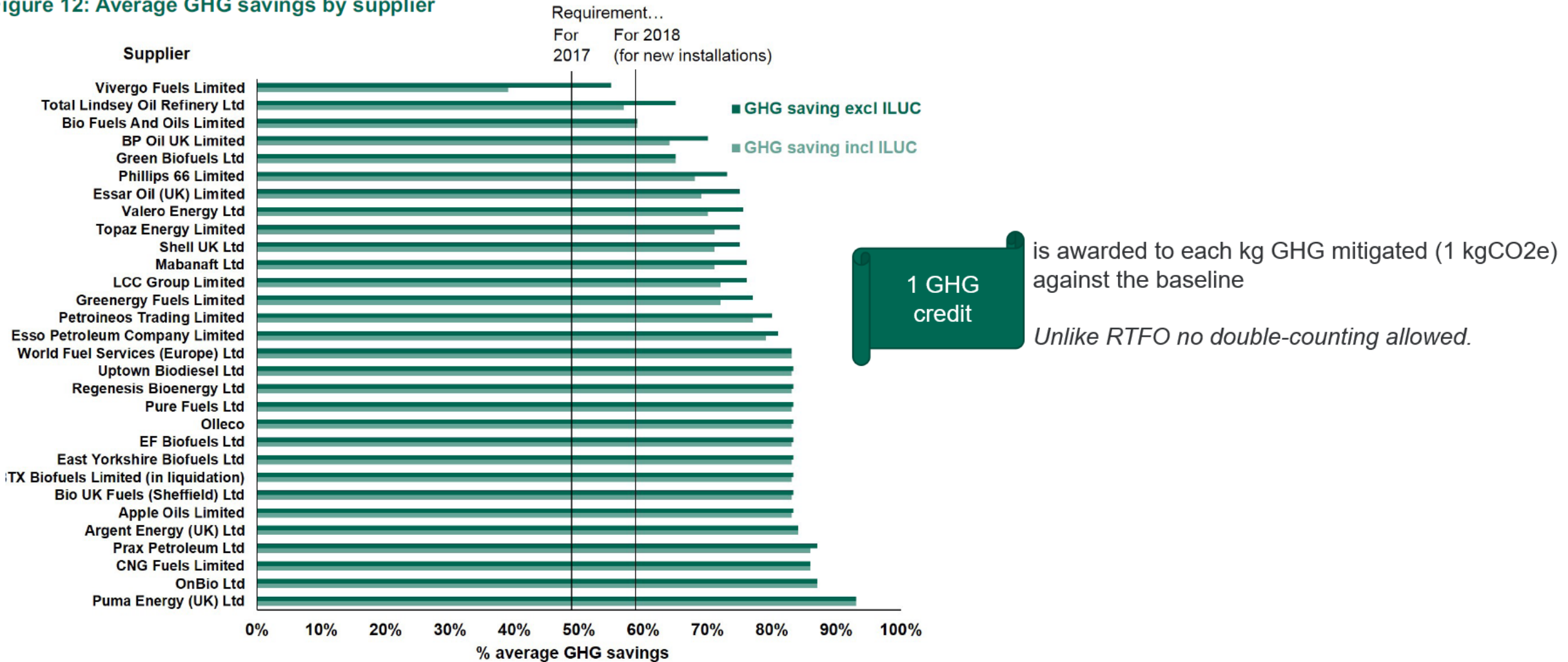
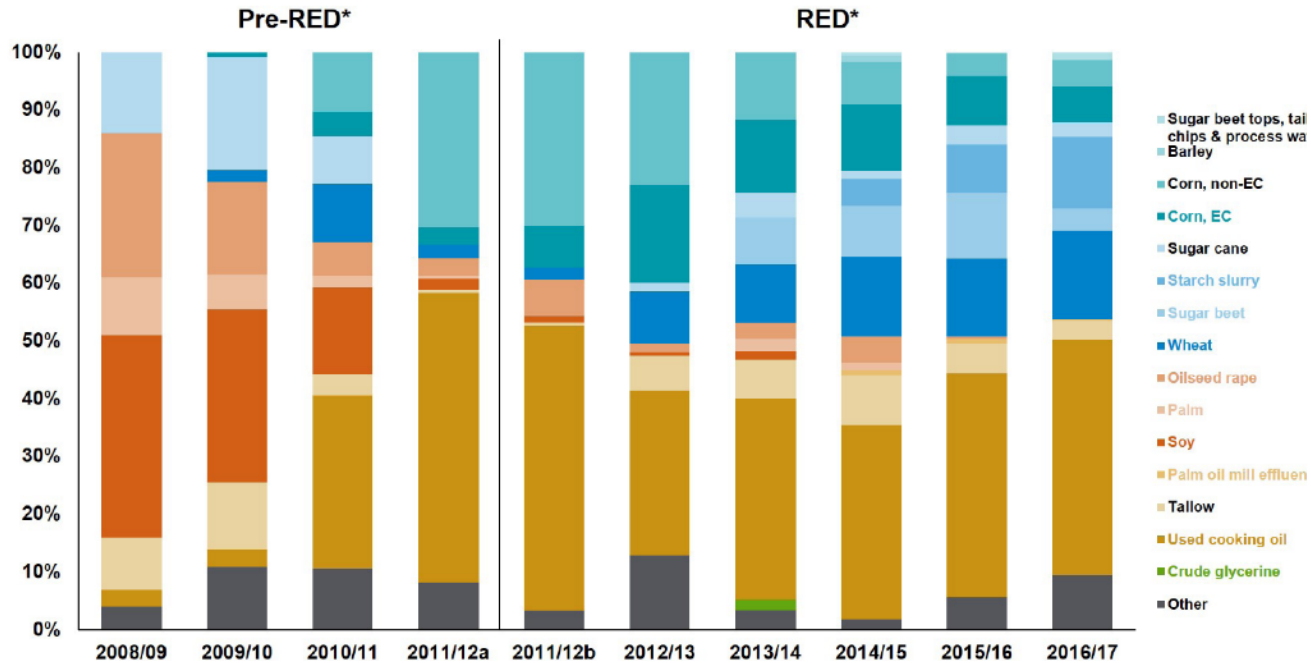


Figure 9: Supply of biofuels to the UK by feedstock, 2008/09 to 2016/17



* RED - Renewable Energy Directive

Transport Energy Task Force

Options for transport energy policy to 2030

Prepared by the Members of the Transport Energy Task Force

FINAL REPORT March 2015



Home

AI

Energy Census Price Assessments

4pm London, 28 Jun 2019

Methodology

	pence/certificate	+/-
wRTFC Year 12	17.25	-0.75
cRTFC Year 12	17.25	-0.75
wRTFC Year 11	17.00	-0.80
cRTFC Year 11	17.00	-0.80

	Outright \$/mt	Spread to ULSD \$/mt	Spread to ULSD pence/litre
UCOME	1032.75	440.00	30.61
FAME 0	783.25	190.50	13.25
RME	942.75	350.00	24.35
ULSD	592.75		

FX USD/GBP 0.7862

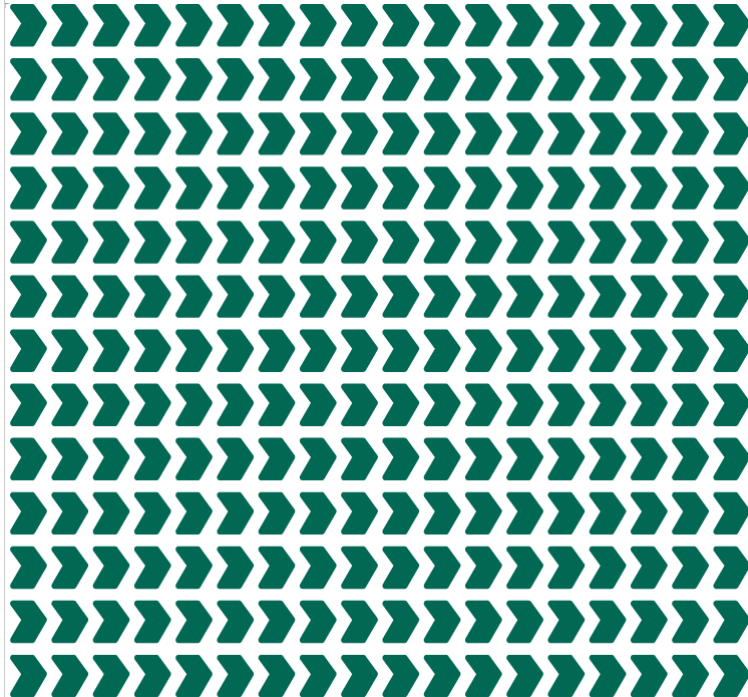




Department for Transport

E10 petrol, consumer protection and fuel pump labelling
Supporting renewable transport fuels and protecting consumers

Moving Britain Ahead



Connect
Collaborate
Influence

Stimulating the take-up of high blend biofuels





Can we turn the Whitechapel fatberg into biodiesel?

The human-waste bomb recently found clogging up a London sewer has an unlikely admirer - a Scottish renewable energy company



Hundreds of thousands of cars won't be able to use new fuel introduced by government to cut carbon emissions





Thank you

For information on:

- ▶ UK Biofuels statistics
- ▶ Biofuels legislation
- ▶ Guidance on the RTFO
- ▶ Stakeholder events

▶ Visit our web page:

<https://www.gov.uk/guidance/renewable-transport-fuels-obligation>

Biofuels.Transport@dft.gov.uk

