

UK system of RED implementation

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Summary

- Overview of the revised UK RTFO
- The role of voluntary & national schemes
- Chain of custody
- Verification

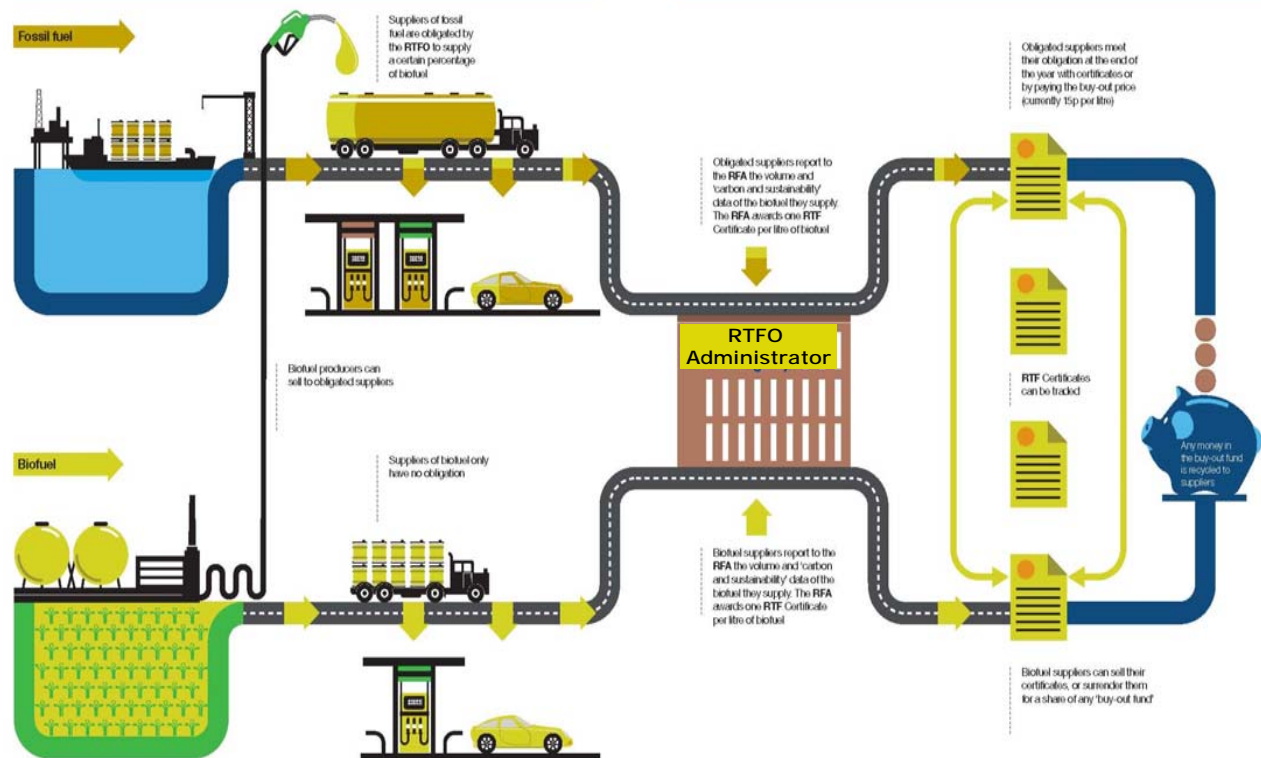
Renewable Transport Fuel Obligation Overview

Renewable Transport Fuel Obligation

- RTFO revised from 15 December 2011 to implement RED criteria
- Duty point obligation
- Tradable certificates & buy-out option (30ppl)
- RTFC issue requires verification
- Wastes/residues double count

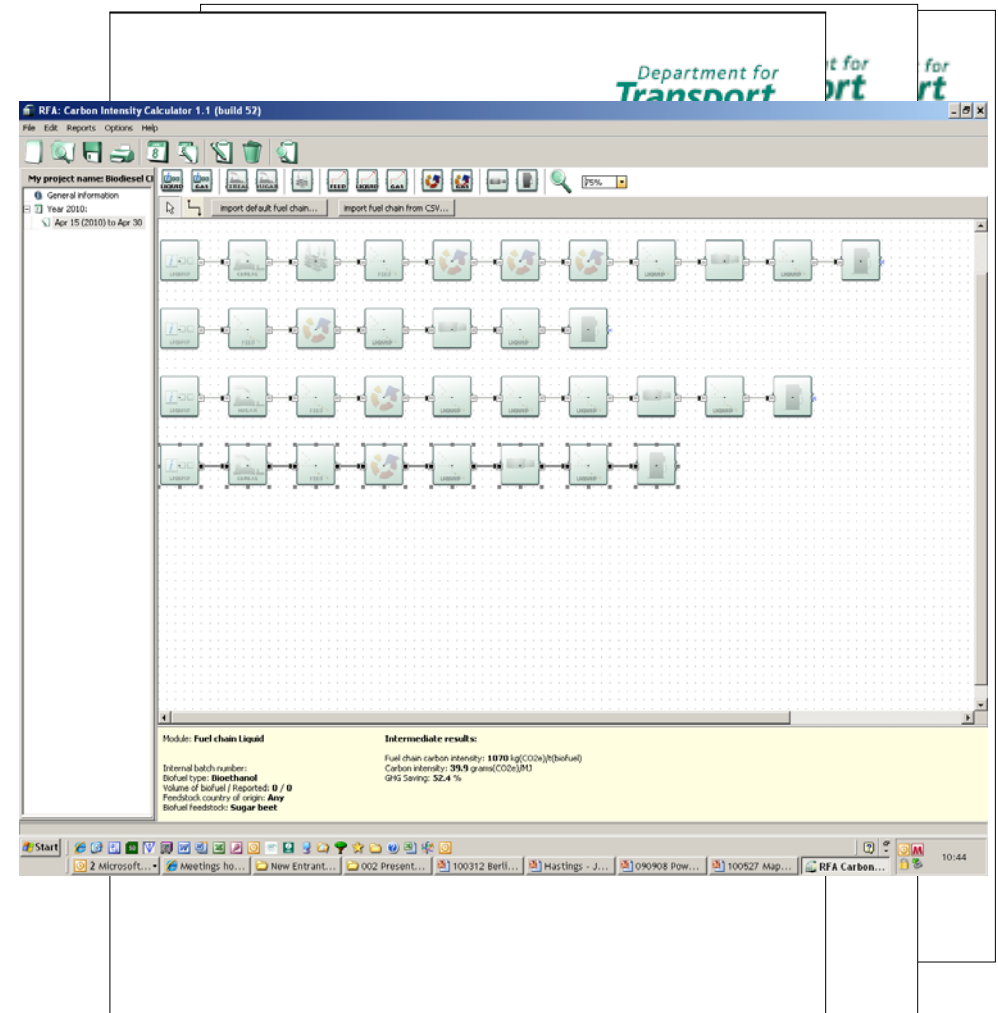
The RTFO process

An illustration of how the RTFO works




RTFO Guidance

- Part 1: Process Guidance
 - Supplier accounts
 - Obligations
 - RTFC issuing and trading
- Part 2: C&S Guidance
 - Compliance with the land criteria
 - Compliance with the GHG criteria: defaults & calculating actuals
 - Mass balance rules
 - Lists of ‘wastes’
 - Verification
- Part 3: Guidance for Verifiers
 - Verification process
 - How ISAE 3000 should be applied
 - Types of evidence
 - The assurance statement
- Carbon calculator



Economic operators upload information for each consignment of biofuel

Maintain Administrative Consignment 

Obligation Period End:
 Reported Month End:
 Administrative Consignment Filter:
 Group Name:

[Template upload file](#)

				Country of Origin Information		Sustainability Information		Carbon Information			Other Information			Indicative RED-Ready			Actions			
Consignment Number	Fuel Type	Quantity of Fuel	Biofuel Feedstock	Biofuel Production Process	Country of Origin	NUTS2 Compliance	Voluntary Schemes	Land use on 1 Jan 2008	Carbon Intensity	Type of GHG Data	Soil Carbon Accumulation	Plant in operation on 23 Jan 2008	Group	Is Complete	Consignment Status	GHG	Biodiversity	C-stock	RED-Ready	Group Administration
/02/2012 Volume Submitted: 0 Consignment Amount Submitted: 4,000																				
	Biodiesel UCO	2,000	Used cooking oil		United Kingdom	Waste/non-ag residue	Waste/non-ag residue	Waste/non-ag residue	14		Waste/non-ag residue	Y		Y	Unattached	Y	Y	Y	Y	<input type="checkbox"/>
	Biodiesel ME	1,000	Oilseed rape		United Kingdom	Yes	International Sustainability & Carbon Cert.	Cropland - protected - no interference	52			Y		Y	Unattached	Y	Y	Y	Y	<input type="checkbox"/>
	Biodiesel ME	1,000	Tallow - category 1		United Kingdom	Waste/non-ag residue	Waste/non-ag residue	Waste/non-ag residue	14		Waste/non-ag residue			Y	Unattached	Y	Y	Y	Y	<input type="checkbox"/>

Group

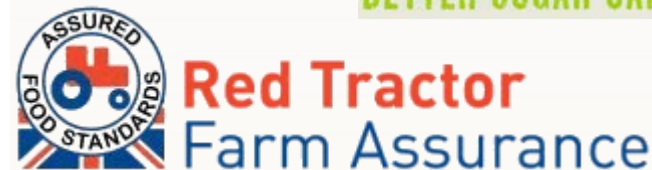
Data requirements for consignments

	Land criteria	GHG criteria	Additional sustainability info
Fuel type & volume			
Feedstock		X	
Biofuel production process		X	
Country of origin		X	
NUTS2 compliance		X	
Voluntary scheme name	X	X	X
Land use – Jan 08	X		
Carbon intensity		X	
Actual data for fuel chain/cultivation?		X	
Soil carbon accumulation			X
Plant in operation 23 Jan 08		X	

The role of voluntary & national schemes

Voluntary schemes

- Suppliers can report a VS for a consignment of fuel to demonstrate compliance
- UK anticipates VS to provide the main route of compliance
- VS should be recognised through the EC process
- UK only accepts EC approved schemes & UK benchmarked schemes



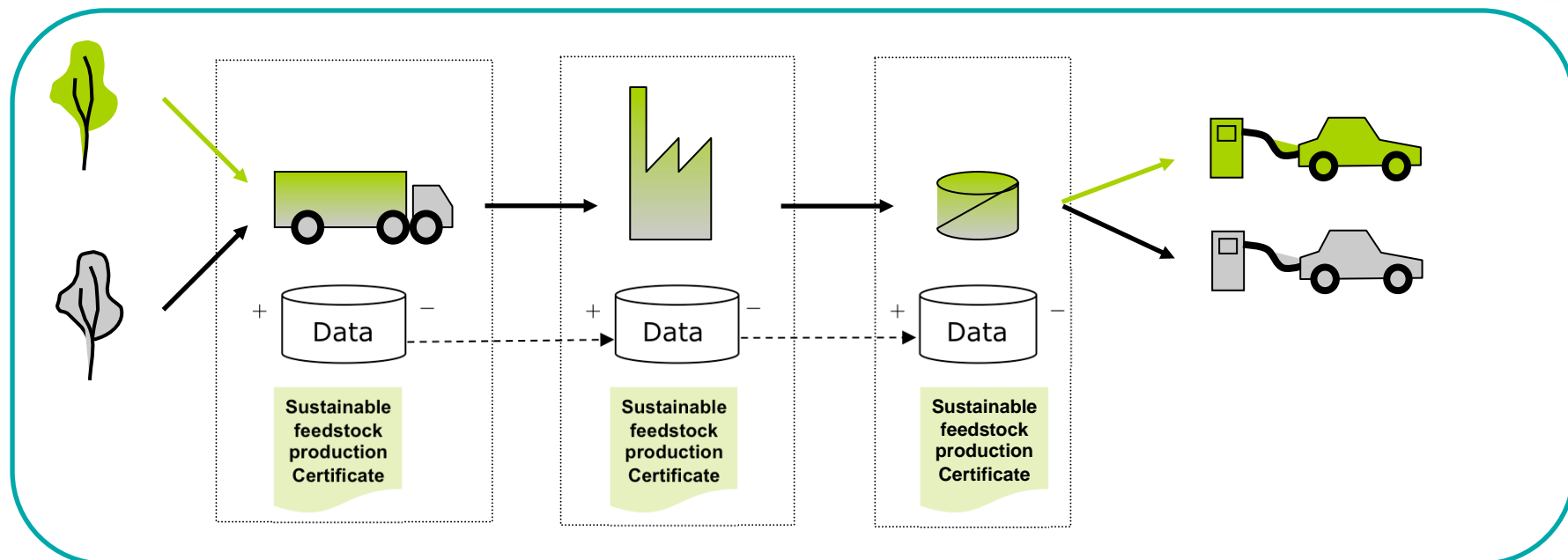
National systems

- National systems primarily intended for use within individual MSs?
- RTFO 'national system' operates post duty point – not relevant for recognition in other MS
- UK will accept consignments of fuel certified as meeting the national system of other MSs

Chain of custody rules

Information on biofuel consignments is transferred through the Chain of Custody

- The RED prescribes a mass balance system
- Physical segregation not required
- Units in = units out, at the level of a “site”
- Each party in supply chain must participate



Verification of C&S data under the RTFO

Verification in the RTFO

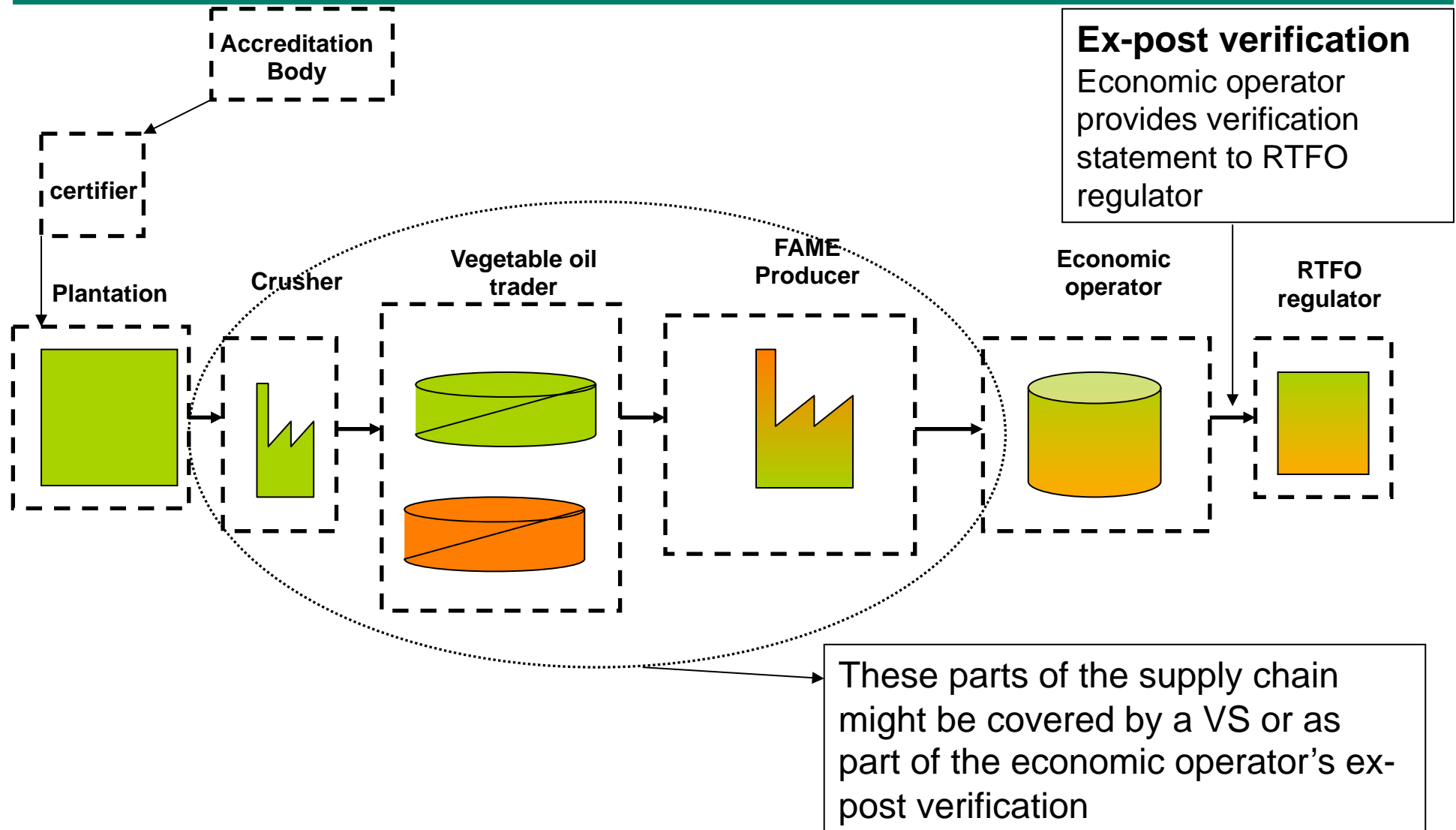
- Economic operators required to get 3rd party ex post verification on C&S data for RTFC issue
- ISAE 3000 limited assurance
- 3rd party verification recognised earlier in the supply chain
- VS recognised by system – no need to verify twice
- Verifiers are appointed by economic operator
- No ‘lists’ or accreditation process, but suppliers must register their verifiers on our ROS system
- Verification statement must adhere to RTFO Administrator’s guidance

RTFO Guidance Part Three:
Guidance for Verifiers

Post-RED implementation period of
RTFO Year 4:
15 December 2011 to 14 April 2012

Version 4.5, February 2012

Verification points



Conclusions / recommendations

- New system – may need to adapt as develops
- For MS to assess policy impacts it would be helpful if VS transfer sufficient information down the chain of custody to demonstrate compliance with the RED
- VS should be clear if they consider a feedstock a waste/residue i.e. have not considered the land criteria
- All should be mindful of FQD requirements
- VS should be clear about what claims can be made e.g. when does the COC stop?
- It's important for MS and VS to maintain a dialogue

Thank you

www.dft.gov.uk/pgr/sustainable/biofuels/

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