



UK & Ireland Carbon Calculator



December, 2014

An Ghníomhaireact Chúltaca Ola Náisiúnta
The National Oil Reserves Agency





PURPOSE

- NORA & the BOS Team have thus far promoted the use of the UK Carbon Calculator for the production of Sustainability Statements
- To assist Account Holders with compliance, NORA has invested in developing a bespoke Calculator for the BOS
- It was agreed with the UK Authorities that modifying the UK Carbon Calculator and developing an Irish 'module' was the best approach
- Therefore, there is now one UK & Ireland Carbon Calculator with two modules – one for the UK and one for Ireland



PRIMARY OBJECTIVES

- Align the reporting period listed in the Carbon Calculator with that of the BOS
- Use BOS terminology and references
- Provide Account Holders with BOS specific Calculator

UK & Ireland Carbon Calculator 7.0 (build 115)

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Tool developed by



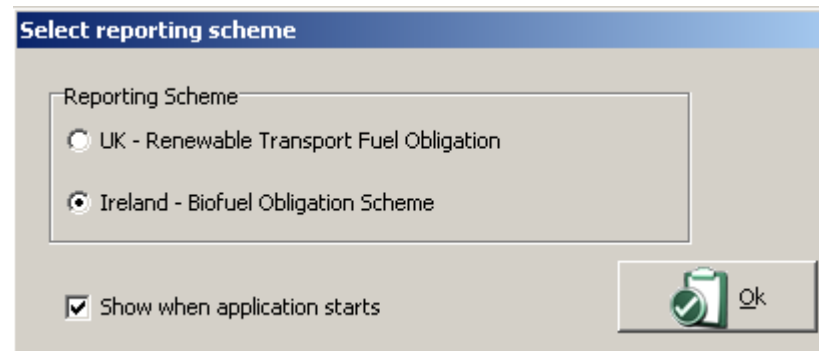
Project partners





THE CHANGES TO THE CARBON CALCULATOR (1/4)

- There is one calculator for both the UK and Ireland
- It has two 'modules' – one for Ireland and the other for the UK
- Upon launching the Calculator, there is a new option to choose from:



- To produce a Sustainability Statement for the BOS, select: 'Ireland – Biofuel Obligation Scheme'
- In general, the functionality and layout of the Irish module is the same as the old version of the Calculator



THE CHANGES TO THE CARBON CALCULATOR (2/4)

- There is only one option to choose from on the 'General Information' screen – previously there were three

Company type

Biofuel supplier - Reporting under the BOS

- The 'Period' and 'Month' drop-down lists now contain the BOS reporting periods

Period Year information

Period: 2014

Description: 2015

Month information

Month: January



THE CHANGES TO THE CARBON CALCULATOR (3/4)

- To address a common error of reporting default values for biofuel produced from feedstocks originating from regions that are not NUTS2 compliant, an additional 'warning' has been incorporated into the Calculator

The screenshot shows the Carbon Calculator interface. The 'Fuel chain default value' field is set to 44.0 grams(CO2e)/MJ. A red oval highlights a warning message: 'You cannot use a default value for carbon intensity without selecting a NUTS2 region'. The 'Country of origin information' section shows 'Belgium' selected for the country and an empty dropdown for the NUTS 2 region. The 'Compliant NUTS2 Region' section has radio buttons for 'No', 'Yes', and 'Unknown', with 'No' selected.

- It is only a warning – the Calculator will not stop a user from producing a Sustainability Statement containing this error
- The error will be identified in the Sustainability Statement in a new column at the end of the Statement

Plant in...	Soil car...	RED G...	RED Bi...	RED C...	RED compliant [indicative]	DefaultWarning
-	-	Yes	Yes	Yes	Yes	Yes



THE CHANGES TO THE CARBON CALCULATOR (4/4)

- The list of Voluntary Schemes available from the drop down list contains only those that have been approved by the Commission

Sustainability information

Voluntary scheme 1:
Voluntary scheme 2:
Voluntary scheme 3:

Note: you should only enter a scheme above if you have
To check, see the [European Commission Website](#)

Intermediate results:
Fuel chain carbon intensity: --- kg(CO₂e)/t(biofuel)
Carbon intensity: 44 grams(CO₂e)/MJ
GHG Saving: 47.5 %

International Sustainability & Carbon Cert. (selected)
Greenergy Brazilian Bioethanol ver. prog.
HYO renewable diesel scheme
KZR INIG System
Not Applicable
NTA 8080
Red Tractor v2.02
REDcert EU
Round Table on Responsible Soy EU RED
Roundtable on Sustainable Biofuels EU RED
Roundtable on Sustainable Palm Oil
Scottish Quality Crops
Trade Assurance Scheme for Combinable Crops
Universal Feed Assurance Scheme
Waste / Non-Agricultural Residue

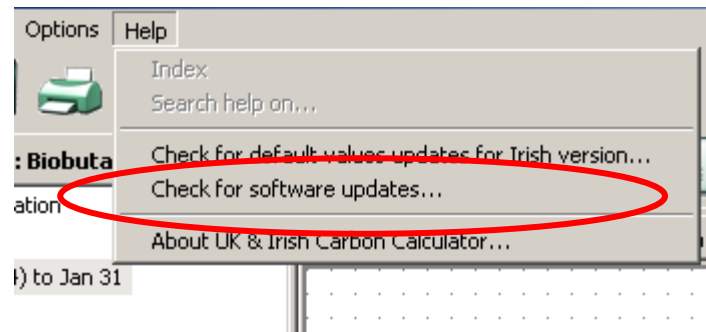
Reset Print Close

- There are other, small changes to items of text and some of the links
- Other than the foregoing changes, the functionality and general format of the Carbon Calculator remains the same as the previous version and is very similar to the UK module



WHAT TO DO NEXT?

- Install the UK & Ireland Carbon Calculator. There are two options:
 1. Download the Carbon Calculator from NORA's or the RTFO's website
 - [BOS Website](#)
 - [RTFO Website](#)
 2. Check for software updates – located in 'Help' menu and follow the instructions



- The Carbon Calculator Manual is available on the RTFO website – there were some minor changes made to the manual