



## Interpretation Note #2

### 11 April 2018 v1

#### 1. Topic

Updated Calculator for EU RED Greenhouse Gas Emissions Threshold Requirements

#### 2. Relevant Documents

Bonsucro Production Standard v4.2  
Guidance for the Bonsucro Production v4.2  
Bonsucro Calculator v4.1.1EUREDUpdate

#### 3. Introduction

For operators that are certified or expecting to be certified by Bonsucro for the EU RED scope, we would like to send a reminder and updated calculator for changes that have been introduced for 2018. This is described in the existing Bonsucro Production Standard v4.2 and Guidance for the Bonsucro Production Standard v4.2, and the text is copied below.

The introduction of Bonsucro Connect has been delayed, where the updated calculation has been introduced, so now we must share an updated version of the calculator. The only change is to amend the threshold requirement in the P6 Tab. This calculator is titled Bonsucro Calculator V4.1.1EUREDUpdate.

This will not affect operators using the default value for greenhouse gas emissions (24 gCO<sub>2</sub>/MJ ethanol) and will not affect operators using the default value for greenhouse gas emissions with land use change additions less than 17.9 gCO<sub>2</sub>/MJ in addition to the default value.

#### 4. Interpretation Note

Bonsucro has been asked by certification bodies to clarify on the affect this has on stored volumes. For those operators that have greenhouse gas emissions higher than 41.9 gCO<sub>2</sub>/MJ ethanol in total will not be able to sell this ethanol once it leaves the country (even if the volumes were produced last year), as the text from the regulation is specifically on use, not date of production. The product can maintain its identification as Bonsucro certified product (non-EU) and this must be updated in the operator's mass balance of certified product.

#### 5. Relevant Text



Reminder on the following text from the Bonsucro/Bonsucro EU RED Production Standard v4.2 and the Guidance for the Bonsucro/Bonsucro EU RED Production Standard v4.2, indicator 6.1.1.

**For installations\* starting operations after 5 October 2015:**

The greenhouse gas emission saving from the use of biofuels and bioliquids shall be at least 60 % less than the threshold established by the European Union legislation based on a Fossil Fuel Comparator (FFC) of 83.8 g CO<sub>2</sub>eq/MJ\*\*. Therefore, the global warming burden of compliant biofuel and bioliquids shall be less than 33.5 g CO<sub>2</sub> eq/MJ.

**For installations\* having started operations on or before 5 October 2015:**

Until 31 December 2017, the greenhouse gas emission saving from the use of biofuels and bioliquids shall be at least 35 % less than the threshold established by the European Union legislation based on a Fossil Fuel Comparator (FFC) of 83.8 g CO<sub>2</sub> eq/MJ\*\*. Therefore, the global warming burden of compliant biofuel and bioliquids shall be less than 54.4 g CO<sub>2</sub> eq/MJ until 31 December 2017. **With effect from 1 January 2018, the greenhouse gas emission saving from the use of biofuels and bioliquids shall be at least 50 % (therefore less than 41.9 g CO<sub>2</sub> eq/MJ).**

\* The term 'installation' includes any processing installation used in the sugar, sugarcane or ethanol production process. This does not include production facilities that might have been intentionally added to the production chain only to qualify for the exemption foreseen in this provision. \*\* Should the threshold, FCC value, or default values change as established by European Union Legislation, this will be reflected in the scheme with immediate effect.