

BioGrace Newsletter #2 – January 2011

The EU funded project BioGrace (Contract No: IEE/09/736/SI2.558249) aims to harmonise calculations of biofuel greenhouse gas (GHG) emissions and thus supports the implementation of the Renewable Energy Directive (RED, 2009/28/EC) and Fuel Quality Directive (2009/30/EC) into national laws.

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[3rd version of the BioGrace Excel greenhouse gas calculation tool](#)

This Excel tool is now featuring all 22 biofuel production pathways given in the RED. It reproduces in a transparent and detailed way the calculation of the default values according to the Annex V-methodology.

In addition it includes a calculation sheet for annualised emissions from carbon stock changes caused by land-use change following the Commission Decision of 10 June 2010 on guidelines for the calculation of land use carbon stocks for the purpose of Annex V of Directive 2009/28/EC. Default values do not include emissions from land use change; economic operators, however, have to include them in their emission calculations.

The final version, coming up in February or March, will also contain a calculation sheet for savings from improved agricultural management and another one for calculation of N₂O field emissions.

<http://www.biograce.net/content/ghgcalculationtools/excelghgcalculations>

❖ [3rd version of the Dutch GHG calculator](#)

The national GHG calculators are designed to be “user-friendly” as economic operators may insert their individual input values into a preset template, which is adjusted to local production characteristics. In contrast to the Excel tool above, the national calculators do not give all details about the GHG calculation, and do not allow for designing own calculations.

The Dutch calculator is the first such calculator and was set up in close cooperation with the BioGrace project. This third version is featuring all 22 biofuel production pathways.

<http://www.biograce.net/content/ghgcalculationtools/nationalghgcalculators>

❖ Public workshops

The BioGrace consortium is organising seven workshops across Europe on **Harmonised Calculation of Greenhouse Gas Emission in Europe**.

Each workshop will

- ❖ present the sustainability criteria for liquid biofuels of the Renewable Energy Directive (2009/28/EC) and the Fuel Quality Directive (2009/30/EC), and their practical implementation in the EU member states,
- ❖ provide an insight into ongoing European and international standardisation and harmonisation processes (CEN, ISO, etc.),
- ❖ explain the BioGrace greenhouse gas emission calculation tools which enable users to calculate actual values of biofuel greenhouse gas emissions according to the methodology laid out in the Renewable Energy Directive,
- ❖ include a practical calculation session, offering the opportunity to work on the calculation of specific biofuel production pathways.

Date	Place	Regional Focus (regarding the practical implementation of sustainability criteria)
16/02/2011	Vienna, Austria	Austria, Hungary, Lithuania, Slovenia, Lichtenstein
21/03/2011	Utrecht, The Netherlands	Denmark, Ireland, the Netherlands, United Kingdom, Iceland
14/04/2011	Heidelberg, Germany	Czech Republic, Germany, Poland, Slovakia, Switzerland
19/05/2011	Paris, France	Belgium, France, Luxembourg, Malta
26/05/2011	Athens, Greece	Bulgaria, Cyprus, Greece, Romania, Bosnia and Herzegovina, Croatia, Kosovo, Montenegro, Republic of Macedonia, Serbia, Turkey
31/05/2011	Stockholm, Sweden	Estonia, Finland, Latvia, Sweden, Norway
01/06/2011	Madrid, Spain	Italy, Portugal, Spain

Stakeholders invited are farmers, biofuel producers, and fuel suppliers, as well as auditors, advisors, representatives of voluntary sustainability schemes, greenhouse gas calculation specialists, and anybody else involved in the biofuels field.

All workshops are free of charge; **participants should register online** at <http://biograce.net/content/home/workshops/registrationform/>.

❖ Call for real calculation examples on biofuel production pathways

The practical calculation session at the public workshop offers the opportunity to work on existing calculations of participants and to show how to handle them using the BioGrace calculation tools. If you wish to calculate one of your calculations, please contact us by mail to info@biograce.net giving a short description of the calculation issue.

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