

Report of the third Public Company Workshop (D5.2c)

Brussels, 4 March 2015

Project IEE/11/733 SI2.616371 BioGrace-II

1. Rationale and goals of the workshop

The last public workshop organized in Brussels aimed to disseminate information from BioGrace-II and the final project results. Nevertheless, it also intended to raise awareness on how Member States are harmonising GHG calculations for electricity and heat from biomass, the progress of the European legislation in this regards and inform about some important initiative in the framework of sustainability as SBP (Sustainable Biomass Partnership).

2. Technical information about the workshop

AEBIOM has been the partner responsible to organize this one day public workshop. It was dated on March 4, 2015 and located in Brussels.

Invitations were prepared by AEBIOM and distributed by all the BioGrace Partners.

47 people confirmed the participation plus 6 project partners. 80% of the registered participants finally attend to the workshop and many other invited companies apologised for not being able to participate but requested to be informed on the outcome of the workshop.

A complete participant list can be found in the annex of this report.

The extended agenda can also be found in the annex. The major items of the workshop have been:

1. Update of the latest policy developments and the SBP initiative
2. The BioGrace II project
 - Project presentation: aim, outline and state of results
 - Methodology and calculations rules for GHG calculations
 - Structure of the draft excel tool, general approach
3. Details and case study
 - Practical demonstration of some important calculation sheets
4. Interactive session

3. Overview of the workshop along the agenda

▪ Policy development of sustainability criteria for solid biomass - EU and national update

Nathalie Hemeleers, policy officer at AEBIOM, informed about the latest policy developments around sustainability and comment the last proposal of the Commission

In 2014 the European Commission has published a new report on the sustainability of solid and gaseous biomass for heat and electricity generation, in the context of the EU's 2020 renewable energy targets. The report makes recommendations on sustainability criteria to be used by those Member States that wish to introduce a scheme at national level, in order to avoid obstacles for the functioning of the internal market for biomass. Trade is essential to secure the reliability as well as the flexibility of biomass supplies, and divergent national sustainability rules may become a barrier to international and intra-EU trade in solid biomass fuels. In this report no binding criteria for solid and gaseous biomass were suggested at the European level.

Nathalie, made a short review of Member States' implementation of EC recommendations focussing in the only 4 countries that have adopted regulations regarding GHG saving criteria for biomass used in electricity/heating: UK, Belgium, The Netherlands and Denmark.

▪ Sustainable Biomass Partnership

In the context of the high policy concern on sustainability, it should be noted the emergence of a number of industry-led sustainability initiatives addressing biomass used for heating and power generation. Probably the most important is the Sustainable Biomass Partnership (SBP) and this is why the BioGrace-II consortium invited Simon Armstrong, SBP Technical Director, to explain this initiative in the public workshop.

In 2013 a number of major European utilities that use biomass, mostly in the form of wood pellets, in large thermal power plants funded SBP with the aim to develop sustainability standards & processes. Simon, explained in detail the harmonized sustainability standard that SBP has elaborated and plans to test it on the ground through pilot projects.

▪ BioGrace-II introduction

John Neeft, project coordinator, gave an overview of BioGrace II project. He introduced the project aims, outline and state of results, clarifying the role that BioGrace II shall play on the level of policy implementation. He also made a short reference to BioGrace-I project, outlining the main difference and synergies.

John explained that some of the current discussions are not yet applicable at the level of a tool like BioGrace (e.g. forest carbon stock changes, indirect land use change). BioGrace will not include such topics in the tool before policy makers have decided (based on scientific input) to include these issues into legislation and to amend the GHG calculation methodology.

The major work of the project will be to build the tool in line with the given default values, to involve stakeholders and to foster European harmonisation.

- **Calculation rules for the GHG calculation**

Maria Forsberg from the Swedish Energy Agency gave an overview of the calculation rules behind the BioGrace-II GHG tool. The draft document with the BioGrace-II specific calculation rules and concretely the electrical and thermal efficiency was sent beforehand to all the participants.

She presented the general BioGrace rules and the specific BioGrace-II rules which allow to make actual calculations and explained in depth the rule for determining efficiency.

The BioGrace-II consortium is still working in these rules and the methodological background document, therefore any input/question from the participants are welcome as the main objective is to make the rules understandable.

- **Demonstration of the tool**

José Muisers from the Netherlands Enterprise agency presented the BioGrace-II GHG calculation tool: the structure, overview results, allocation factors, references and the general settings. Through an actual calculation she explained the results obtaining per phase and the principle of the calculation. José gave an overview of the structure of the list of standards values and the possibility for the user to define standards values.

Afterwards, Susanne Köppen from IFEU made a demonstration on an actual calculation of GHG emission from biogas.

- **Interactive session**

In the last hour of the workshop participants had the opportunity to request a specific demonstration of some parts of the tool. Some practical and complex exercises were developed with a great interaction between the project partners and the participants.

3. Participants feedback

Time was foreseen for questions in the agenda of the workshop resulting in a very interactive meeting. The participants asked many questions during the policy block in order to be updated of the latest developments and give feedback for improvements when the BioGrace-II tool was presented.

At the end of workshop participants unanimously express a satisfaction with the workshop. Many of them came to the organizers expressing his gratitude for the organization and requesting to be informed of future BioGrace feedback sessions, workshops or training. Partners stay an hour longer in the room answering individual questions.

ANNEX I – Agenda public workshop

BioGrace-II Public Workshop

Date: March 4, 2015

Location: Leopold Hotel Brussels EU, Rue du Luxembourg 35 B-1050 Brussels
Elisabeth Room

Free of charge

Programme

09.30: Welcome coffee

10.00: Block 1 Policy

- Nathalie Hemeleers (AEBIOM) - Policy development of sustainability criteria for solid biomass – EU and national update
- Peter Wilson (SBP) - The Sustainable Biomass Partnership initiative

11.00: Coffee Break

11.20: Block 2 The BioGrace-II GHG calculation tool - General

- John Neeft (BioGrace coordinator) - BioGrace-I versus BioGrace-II, and relation to (1) policy developments and (2) work of JRC for the European Commission
- Maria Forsberg (STEM-Swedish Energy Agency) - Methodology and calculation rules for GHG calculation on electricity/heat/cooling from biomass

12.30: Lunch

13.30: Block 3 - The BioGrace GHG calculation tool - Some Details/Case study

- José Muisers (Netherlands Enterprise Agency) - Quick overview of the tool, demonstration of some main calculation sheets
- Susanne Köppen (IFEU) - Demonstration on how actual GHG calculations for biogas can be made

14.30: Coffee Break

14.50: Block 4 – Interactive session – demonstrate parts of the BioGrace Excel tool

- Participants can request to demonstrate parts of the tool. In case of many requests, some will be answered plenary, and other (more detailed) requests will be answered in 1-to-1 conversations.

16.00: End of workshop

ANNEX II – List of participants

Name	Country	Organisation
Andreea Martinovici	Belgium	Luther Pendragon Brussels
Arjen Brinkmann	Netherlands	Brinkmann Consultancy
Arkadiusz Majoch	Poland	DEKRA Certification Sp. z o.o.
Bela TOZSER	Hungary	Envirosan DC
Bieke Bockx	Belgium	United Experts cvba
Bodil Harder	Denmark	Danish Energy Agency
Anne Bouter	France	IFPEN
Csaba Vaszko	Hungary	WWF
David Hannemann	Germany	REDcert GmbH
Daya Ram Nhuchhen	Canada	Dalhousie University
DURAN Irfan	Belgium	CWaPE
Elzbieta Jaroslawska-Deja	Poland	Bureau Veritas Polska
Eric Evers	Netherlands	DEKRA Certification B.V.
Eva Chitul	Belgium	Sustainable Biomass Partnership
Fabio Boscaleri	Italy	Tuscany Region
Francies Van Gijzeghem	Belgium	ODE BioEnergy platform
Giovanni Wawoe	Netherlands	Responsible Bizz
Giovanni Wawoe	Netherlands	Responsible Bizz
Gjergji Simaku	Albania	Ministry of Energy and Industry
Iris Waikinat	Germany	REDcert GmbH
Irma Corten	Netherlands	Zilverberg advies, E-land simulation models
Jarno Dakhorst	Netherlands	NEN
Johan Carels	Belgium	Manager
Jonathan De Mey	Belgium	Biogas-E vzw
Koen Holmstock	Belgium	Flemish Ministry of Agriculture
Kolodziejczyk Szymon	Poland	BZK GROUP SP. Z O.O.
Laura Craggs	United Kingdom	Drax Power Limited
LIBEAU Gauthier	Belgium	CWaPE
Lilian Garcia	Côte d'Ivoire	
Mauser Harald	Austria	European Forest Institute
Michal Cierpialowski	Poland	qap
Nicolas de la Vega	Belgium	European Biogas Association
Ouafik El Kasmioui	Belgium	University of Antwerp
Pedro Dias	Belgium	European Solar Thermal Industry Federation
PIRARD Anne	Belgium	CWaPE
Prakhar Goel	Netherlands	Control Union
Rogowska Delfina	Poland	KZR INiG

BIOGRACE II

Harmonised Greenhouse Gas Calculations
for Electricity, Heating and Cooling from Biomass

Silvan de Boer	Netherlands	Eneco
Silvia Stefanelli	Italy	Regione Autonoma Friuli Venezia Giulia
Silvia Vivarelli	Belgium	EASME-European Commission
Simon Frans de Vries	Netherlands	AVR
SQUILBIN Olivier	Belgium	CWaPE
Stefano Lambertucci	Belgium	European Solar Thermal Industry Federation
Thomas Siegmund	Germany	German Bioenergy Association
Willem Vandamme	Belgium	Electrabel GDF SUEZ
Yves Ryckmans	Belgium	Laborelec

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