

D6.1

Short report

on GHG Training session for verifier trainers (biofuels)

Date: January 30+31, 2013

Location: Office BIO Intelligence Service, Paris (France)

Programme and participants

The programme and the list of participants and trainers are given in the Annex to this report.

Impression

The attendance of the training was fewer than expected; the organisers aimed for 9 participants but 2 participants did not come. The participants were highly motivated, although the start level of the participants was different which had some effect on the training, especially regarding the discussions (see further below).

The training was given by Perrine Lavelle and Grégoire Thonier from BIO IS.

The program of the training was the same as the one used in Utrecht (see the Annex) but according to the comments of the participants from the previous workshop, it was decided to modify the time spent on some blocks with the 3 following objectives:

1. make as many exercises as possible
2. explain quickly the other tools
3. discuss as much as possible and make the workshop full of interaction

A quick assessment of the participants' motivations when starting the workshop showed that these objectives were in line with their expectations.

Participants actively raised questions and joined discussions, sometimes also outside the scope of the training. This interaction was appreciated by the participants but it caused two inconveniences:

- because of the high difference of experience between the participants in GHG calculation and regarding the RED directive, some discussions were too technical for some participants and others were boring to others;
- it was difficult to keep a tight control on the timing which lead to going very quickly on the presentation of the others tools, and which limited the number of exercises that were done.

Evaluation

At the end of the training, the participants were asked to fill out a response form evaluating the training and asking for possible improvements. Also the trainers evaluated the training and reflected about possible improvements.

Evaluation by participants

The evaluation of the participants resulted in the following feedback and suggestions:

- A general outcome of the training (based on the evaluation form) is that:

- o 100% of the participants indicated that the training course did meet their expectations;
 - o 71% of the participants indicate that they can now check actual calculations; and
 - o 43% of the participants indicated that they feel that they can train verifiers on this subject.
- The participants appreciated most the two following topics (numbers referring to the programme in the Annex) with average marks of 4,7 out of 5:
 - o 10. Questions from participants, discussion or further examples
 - o 15. Questions, discussion, definition of open ends and follow-up action points
- The participants also appreciated the two following topics, with averages between 4.0 and 4.4 out of 5:
 - o 2. Introduction on GHG calculation tools
 - o 4. Basic calculation – Example & exercise
 - o 5. Calculation rules with some examples
 - o 9. Exercise on an actual verification
 - o 11. CHP (natural gas, lignite, straw), natural gas boiler
 - o 12. Land use change and N₂O field emissions
 - o 13. Exercise including land use change and N₂O field emissions
 - o 14. CO₂ storage or replacement + example
- The participants appreciated less (gave the lowest scores in relevancy) to the following topics:
 - o 1. Background of GHG calculations: (for some this was clear and not useful, but others just needed more info, so a bit of a contradiction)
 - o 3. Tools for calculations, Spanish, UK, BioGrace
 - o 6. Discussion: what do verifiers need to look at? Etc
 - o 7. Tools for calculations, Spanish, UK, BioGrace
 - o 8. German tool example & exercise (make it more a verifying exercise) (in general spent less attention to other tools)

Average scores for these 5 topics ranged from 3.2 to 3.7 out of 5.

- The participants could add remarks on the evaluation form. The most relevant remarks were:
 - o The need for most participants to get more practice before being able to check calculations and to train verifiers;
 - o More exercises and examples could be done during the training: all questions at the end of the presentations were done but only 4 exercises on the 11 possible.
 - o To adapt the exercises with real cases;
 - o To make live demonstration on screen about the different functionalities of the BioGrace calculator
 - o To get more tips and tricks on how to check calculations. A participant even suggested creating a list of value to check firstly linked to a table of typical values according to the type of operator. Even if the trainers tried to give the participants some personal tricks on how to detect an error in the sheets and even if it is not really part of the training, it turned out to be a big expectation from the participants.

One participant also expressed the need to have a practical operation guide in French (with implementation guide, advises ...), in order to communicate and facilitate the comprehension of economic operators.

Evaluation by trainers

The evaluation by the trainers resulted in the general feeling that the training was valuable for the participants as they have learned about GHG calculations and verification of such calculations. Participants seemed happy that a significant amount of time was spend on discussions and specific problems that the verifiers encounter. Presenting version 1b and 4c is very confusing for the participants and takes much time, hopefully this will not be necessary anymore in next trainings. The participants were very interested to get more information on the version 4c of the tool and especially the possibility to use emissions calculated from previous steps. They expressed some concerns about the rule stating that calculations made for previous steps must be done using a calculation tool that has been recognised by the Commission.

The participants gave some advice about the presentation and how to improve it. BIO IS has modified the presentations in accordance with the suggestions of the participants and sent it to IFEU and ANL.

The participants also shared their surprises because the Commission is much more demanding with the voluntary schemes that submit their GHG calculation methodology now compared to the GHG calculation methodology that were recognised before.

Still there are points of attention (which were already raised during the previous training in Utrecht):

- Participants still seemed to feel afraid of verifying actual GHG calculations, even after a 2-days training. They welcome the possibility to make more exercises at home.
- Somilar to the previous training, the different level of knowledge that the participants had at the start of the training hindered fast progress at some points of the training.

These feedback, suggestions and points of attention will be taken into account in the next trainings.

Programme

GHG calculation course for verifier trainers (Biofuels)

January 30+31 2013, BIO Intelligence Service, Paris (France)

Day 1 – January 30, 2013

9.00 - Start of programme

9.00 – Welcome and introduction (15 min)

9.15 - BLOCK 1: GHG calculations under RED and FQD

9.15 – 1. Background of GHG calculations – (15 min)

9.30 – 2. Introduction on GHG calculation tools (15 min)

9.45 – 3. Tools for biofuel GHG calculations under RED and FQD (45 min)

Spanish GHG calculator

UK GHG calculator

BioGrace

10.30 Coffeebreak (15 min)

10.45 - Continuation of BLOCK 1

10.45 – 4. Basic calculation – Example by teacher, exercise by participants (45 min)

11.30 – 5. Calculation rules with some examples (45 min)

12:15 Lunch (45 min)

13.00 - BLOCK 2 – How to verify actual calculations

13.00 – 6. Discussion: what do verifiers need to look at, what kind of information they use? (20 min)

13.20 – 7. Tools for biofuel GHG calculations under RED and FQD (30 min)

German GHG tool

Round table Sustainable Biofuels GHG calculator

13.50 – 8. German tool example of basic calculation by teacher, exercise by participants (45 min)

14.35 – 9. Exercise on an actual verification (45 min)

15.20-15.40 Tea break

15.40 BLOCK 3 – Questions, discussions, further examples

15.40 – 10. Questions from participants, discussion or further examples (80 min)

17.00 End of Day 1

Day 2 – January 31, 2013

9.00 - BLOCK 4 – CHP, Land use change, N₂O field emissions

9.00 – 11. CHP (natural gas, lignite, straw), natural gas boiler (30 min)

9.30 – 12. Land use change and N₂O field emissions (45 min)

10.15 Coffee break (15 min)

10.30 - Continuation of BLOCK 4

10.30 – 13. Exercise including CHP (30 min)

11.30 – 14. Exercise including land use change and N₂O field emissions (60 min)

12.00 Lunch (45 min)

12.45 - BLOCK 5 – Final issues and closure

12.45 15. Questions from participants, discussion or further examples, open ends or follow-up action points (75 min)

14.30 16. Evaluation of training course (30 min)

15:00 End of programme

List of participants and trainers

Scheme	Company	Surname	Name	Country	Status
2BSvs	Bureau Veritas	Arnaud	Franconi	France	Present
2BSvs	Sofiprotéol	Julien	Coignac	France	Present
2BSvs	Certis	Christophe	Rapp	France	Present
2BSvs	Control Union	William	Rey	France	Present
2BSvs	Control Union	Pauline	Cassan	France	Present
2BSvs	SGS	Cristina	Teixeira	France	Present
Bonsucro	Bonsucro	Nicolas	Viard	France	Present

	Company	Surname	Name	Country
Trainer	BIO-IS	Perrine	Lavelle	France
Trainer	BIO-IS	Gregoire	Thonier	France