

## Programm

### GHG calculation course for verifier trainers (Biofuels)

September 10+11 2012, NL Agency, Croeselaan 15, Utrecht

#### Day 1.

##### 9.00 - Start of programme

9.00 – Welcome and introduction (15 min)

##### 9.15 - BLOCK 1: GHG calculations under RED and FQD – NL Agency

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 – NL Agency

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 –IFEU

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 – NL Agency

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

##### 17.00 End of Day 1

### Day 2.

#### **9.00 - BLOCK 4 – CHP, Land use change, N<sub>2</sub>O field emissions – BIO-IS**

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

9.30 – 12. Land use change and N<sub>2</sub>O field emissions (45 min)

#### **10.15 Coffee break (15 min)**

#### **10.30 - Continuation of BLOCK 4 – BIO-IS**

10.30 – 13. Exercise including land use change and N<sub>2</sub>O field emissions (60 min)

11.30 – 14. CO<sub>2</sub> storage or replacement + example (30 min)

#### **12.00 Lunch (45 min)**

#### **12.45 - BLOCK 5 – Final issues and closure – NL Agency**

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**