

Minutes GHG-Europe SC-Telecon

Tuesday, 31 August 2010, 15:30-17:30

Participants: Han Dolman, Axel Don, Annette Freibauer, Astley Hastings, [Barbara Michel], Michael Obersteiner, Dario Papale, Enrico Tomelleri, Nicolas Viovy

Top 1: Update on work progress from last telecon

- 1) Collection of available driver sets from NEU, CarboExtreme, CarboEurope -> HRUs from NEU, CC-Tame or tiled grid approaches to be used? (Astley)
 - Decision on which driver sets to use in all models still open (HRUs/tiled grids)
 - HRUs change with time (-> land use change); spatial resolution of meteo data limits the use of grids
 - ⇒ Approach suggested by Michael to overcome problems with HRUs: separate HRUs from simulation units in models + use parameters on LUC history (CC-TAME approach)
 - ⇒ Focus on six data-rich regions, not entire EU and leave scaling problems to WP3
 - ⇒ Michael and Astley circulate documentation on HRUs to Enrico + WP1 partners
 - Site data from NEU and CarboEurope have been analysed for N- and C-aspects respectively -> lots of work to analyse C-aspects for NEU sites and N-aspects for CarboEurope sites
- 2) Feedback on usability of driver sets; workshop on modeling protocols in September 2010 (Nicolas Viovy/CEA)
 - Workshop will take place in Paris in October 2010
 - Expected participants: WP1 partners, modelers (Orchidee, LPG + data-oriented models at EU scale, sectorial model representatives), WP3 partners
 - Nicolas circulates
 - a) asap doodle poll among expected participants to fix the date
 - b) document with contents and agenda for the workshop to all participants no later than two weeks in advance of the workshop
- 3) Variables list for GHG-end users -> new variables operational in GHG-database; access to new database structure (Dario)
 - working status of GHG-database <http://gaia.agraria.unitus.it/newdbttest>
 - agreement with NEU has not been possible yet
 - multi-criteria queries possible
 - data upload does not work yet, meanwhile
 - ⇒ fluxdata upload via CarboEurope database
 - ⇒ send ancillary variables to Dario
 - 2 people at Viterbo work on template for upload of ancillary variables during Oct./Nov. 2010
 - Dario circulates template for data submitters (WP2+3) + upload interface once ready
- 4) Minimum list of variables to be measured by each region (Han)
 - Lutz Merbold (PostDoc ETH) provides minimum list of variables during calendar week 36
 - Han organizes telecon with regional site managers asap + meeting, if necessary
 - ⇒ need to stimulate regional cooperation

Top 2: Status of deliverables

D1.1: Workshop on recent and past agricultural management (tillage practice, fertiliser application, harvest rates) (Month 7)

- WUR and IASA work on maps of crop distribution
- Michael will organize the workshop for preparatory work end of 2010
- Enrico provides data set with variables to Michael

D2.1: Workshop on the effect of land use changes on GHG fluxes (Month 6)

- Workshop on *Land use change for bioenergy production: Impacts on GHG emissions and mitigation potential* will take place in Dublin 27-29 October 2010
- Further information see: <http://ghg-europe.eu/index.php?id=46>
- Detailed program available after 3 September 2010

D2.2: Complete the set up of 12 GHG measuring sites along a Romanian forest management gradient (Month 7)

- Site selection is done
- Site instrumentation to be furthered by Annette

D2.3: Workshop on the effect of agricultural management on GHG fluxes

- No news from INRA so far
- Additionally Task 2.1 will organize a Workshop on GHG fluxes from peatland -> further info will be provided by Annette

D5.1: Protocols for site scale simulations of fluxes with data oriented models (Month 6)

D5.2: Protocols for factorial experiments with LPGml and ORCHIDEE (Month 6)

D5.3: Protocols for land use change and management model evaluation and site simulations in WP 2 (Month 6)

- Protocols will be output from Paris workshop and ready by end November 2010

D6.1: Detailed report on Policy Implications for Post Kyoto policies (Month 6 onward – living document)

- Michael will adapt existing CC-TAME reports to GHG-Europe needs until end September 2010

D6.2: Database on EU-Policy Scenario Results. Major environmental, societal, market, and technological impacts in electronic data base format (Month 6 onward – constant updates)

- Database is ready; access/publication for GHG-Europe to be discussed with EU asap

D7.2: Variables list which defines parameters collected for the GHG-Europe data base (Month 4)

- So far little feedback on variables list circulated to modelers by Dario
 - ⇒ Dario/Han will circulate the list to experimentalists
- Variables list shall be accessible via the GHG website

Top 3: Cooperation agreements for data sharing between projects

- draft document will be modified and circulated to SC-members for further processing
 - ⇒ Include *mutual* agreement between projects
 - ⇒ include paragraph: partners who are not willing to share data need to request an exclusion from their respective project coordinators; access to shared data will be restricted to those contributing

- the Next SC-telecon is planned for the end of October 2010
 - ⇒ a doodle poll for meeting availability will be circulated in early October.
- for the future all Task Leaders are asked to write a short status report on their activities to be distributed to the SC before the next telecon
 - ⇒ WP Leaders are responsible to collect these and sent them to Barbara at least 2 weeks before the next telecon