

## **PalmGHG: scientific peer review and action plan to roll out the RSPO GHG calculator**

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PalmGHG<sup>1</sup>, the RSPO greenhouse gas (GHG) calculator for oil palm products, has been further developed since its presentation in RT9 one year ago<sup>2</sup>. Results from the scientific panel on GHG emissions from land use change and from peat soils have been incorporated, as well as the biograce model for calculating GHG emissions of palm oil biodiesel. The tool has also been peer reviewed by an international panel of palm oil and life cycle assessment (LCA) experts. The presentation will provide an overview of the main changes introduced in this process and some of the main issues highlighted by the peer reviewers.

The use of PalmGHG offers key insights into the best options to reduce GHG emissions from the palm oil supply chain, from the plantation to the mill and biodiesel refinery. It will also provide RSPO with evidence on the effects of certification and continuous improvement on GHG emissions, which could be used in external communications to enhance RSPO's reputation in the area of GHG. Additionally, it provides growers with robust GHG calculations that can be used to communicate with interested customers, and to monitor the reductions in GHG in accordance with RSPO certification.

The next steps to implement PalmGHG by RSPO members include a training program to get growers using the calculator to monitor, track and reduce their GHG emissions; the first training session will take place in November/December. The tool will continue to be developed in order to enhance its usability, based on feedback from the 2011 pilot, the peer review comments, and feedback from the companies in the first training session.

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<sup>1</sup> Chase L.D.C., Henson I.E., Abdul-Manan A.F.N., Agus F., Bessou C., Milà i Canals L., and Sharma M. (2012) *The PalmGHG Calculator: The RSPO greenhouse gas calculator for oil palm products, Beta-version*. The Roundtable for Sustainable Palm Oil – RSPO. Kuala Lumpur, Malaysia

<sup>2</sup> Chase L.D.C, Bessou C. (2011) *Introduction to PalmGHG. The RSPO greenhouse gas calculator for oil palm products*. Presentation in RT9, Sabah, Borneo