Smallholder Mitigation: Whole Farm and Landscape Accounting

Purpose: To advance knowledge and use of methods for the quantification of net emissions at the whole farm and landscape levels for developing country, smallholder contexts.

Sponsoring and hosting organizations: Climate Change Agriculture and Food Security (CCAFS) Research Program and FAO

Workshop of experts
Objectives:

(1) Identify needs for quantification methods appropriate to smallholders
(2) Review state of methods for quantification of net emissions at the whole farm and landscape levels and their implications for applications to smallholder agriculture
(3) Explore options for protocols and guidelines, identify gaps and define issues where further work is required (e.g., methods in use or development, data availability, precision-cost levels for different purposes, uncertainties, implementation issues, costs, and other pros and cons)

Output

- Shared understanding of the needs of users of whole farm and landscape accounting methods for smallholder agriculture

- Stocktaking of current methods and areas for further development

- An action plan to further develop protocols and guidelines appropriate to smallholder contexts in developing countries

- Terms of reference for

  Synthesis on state of the knowledge and practice for quantification of net emissions at the whole farm and landscape levels for smallholders, to be published in both scientific and user-friendly guidelines forms.

  Regional capacity strengthening program for whole farm and landscape methods

Agenda

Thurs 27th Oct	DAY 1: Laying the ground	OUTPUTS
8.45-9.15	Welcome and workshop programme	
9.15-10.30	What is required for quantification of GHGs at the whole farm and landscape levels for smallholder contexts? (10 min each) - Global Research Alliance- Brian McConkey - UNFCCC -Panna Siyag - VCS- Carolyn Ching - IPAM (Brazil) - Lucimar Souza - CARE Econometrica- Nick Berry	Frame of reference for methods development from perspective of different users, criteria for methods
10.30-11.00	Coffee	
11.00-12.00	Discussion in roundtables (30 min), report back and plenary discussion	Flipcharts with needs based on other participants' experiences; discuss different applications and associated requirements for methods
LUNCH		
13.00-15.00	State of current methods Panel (10 min each) **Whole farm analysis:** Christina Ingersoll: The Cool Farm Tool and its use with Smallholder Farmers Mathias Seebauer: Whole Farm emission accounting – review of existing quantification methods Jørgen Olesen: Modelling and accounting greenhouse gas emissions at the whole-farm scale **Landscape analysis:** John Fay: Mitengo Zambia's approach to smallholder mitigation and landscape level analysis, Amy Swan: 'The Carbon Benefits Project Modelling Component Tools as Applied at the Landscape Scale' Martial Bernoux: EX-ACT and Landscape Accounting Discussion: Have discussion after each panel. Highlight participants' experiences with other methods and compare.	Flipchart with common understanding of state of the art of existing methods and their features
15.00-15.30	Coffee	
15.30 -17.00	Future directions: Discussion of areas requiring further work (basis for work on Day 2)	Gaps, issues and areas requiring further work
APERITIVO		

Agenda

Friday 28th Oct	DAY 2: Working on the way forward	OUTPUTS
8.45-9.15	Recapture of Day 1 & plan for day	
9.15-10.30	Work in 2 groups: Landscapes and Whole farm - Produce agenda for future work to advance methods	Agenda to advance methods
10.30-11.00	Coffee	
11.00-12.00	Presentation to Plenary	
LUNCH		
13.30-15.00	Implementing the agenda - ToRs for a study on FL and LS methods (2 groups) - Scope of work for regional working groups? - Collaborative funding proposal?	Actions to be taken
15.00-15.30	Coffee	
15.30 – 17.00	Plenary Presentations of working groups Summary of action plan, key messages, policy brief?	Synthesis of actions to be taken and key messages