

GLOBAL RESEARCH ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

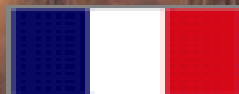
Integrative Research Group Meeting

CIAT, Cali, Feb. 4-5, 2019

Pamela Joosse



Jean-François Soussana



Richard Eckard



Redefining scope and aims of an NDC network

- Title: Inventories and NDCs support network
 - Data and methods underpinning ag. NDCs
 - Evidence base support for agricultural NDCs
 - Aligning NDCs with inventories, improving inventories
 - Supporting MRVs for the NDCs
- Be policy relevant, not policy prescriptive
- Aim: improve evidence base and quality of NDCs
 - Focus on mitigation and adaptation co-benefits
- Describe the 'business case' the value proposal:
 - Need to revise current NDCs by 2020, to implement NDCs
 - Low evidence base for some of the NDCs
 - Higher tiered inventories and improved components of inventories to increase mitigation potential
 - Contrasted regional circumstances: benefit from other country experiences, use emission factors from similar agro-ecological conditions (Tier 2)

What is the niche of this network?

- Various frames of transparency, MRVs etc. Lot of efforts of institutional arrangements (government level)
- However, nothing for ag. at international level apart from CCAFS & GRA (including various member countries, eg. ACIAR)
- In countries, not enough links across institutions, research and gov.
- FAO is convening but does not have enough in house capability for data/methods support. FAO has to hire people for this
- Our niche is to:
 - generate methods and improve data, including on activity data
 - provide technical support, skills, capacity building, knowledge transfer
 - take a problem solving approach to support the countries
 - Build upon shared data bases
 - Create in country capability (not international consultancy)
- Why is this different from inventories network?
 - Questions flow from NDC targets to describing how this get captures in the inventories
 - It changes the process: creates a dialog between forward looking NDCs, mitigation options that need to show up in the inventories. This will also tell where is the need for having better data

Where do we start?

- Write a paper on what can be measured with inventories based on NDCs (in ag. systems but also food systems)
- Meryl Richards (CCAFS), Hayden Montgomery, Hazelle (GRA), Jan Verhagen (WUR), Joergen (Ahrus), Ngoni (CIAT), Marcia (USDA), Alberto (UPM), JF Soussana (Inra) (timeline? October 2019)
 - A report by CCAFS 5 countries out of 140 have Tier 2.
 - Have examples, eg. Ethiopia master plan for livestock
 - Create scenarios on what mitigation could be gained by improving inventories
 - Be careful, not naming and shaming! Do not make it explicit by country
 - Have a two entry table by country and subsector: NDC commitments/ Inventory tiers
 - Only agriculture, not forestry. Include conversion of crops vs pastures, agroforestry
 - Meryl, Andreas (Munich) for livestock inventories, on rice ask Japan GRA
- There is demand from new members and they need to report. Start with them
 - Members that want to move to Tier 2. Uruguay, Costa-Rica, Ethiopia, Kenya, Indonesia,
- This paper could support a communication to Koronivia

How can we get support?

MRV platform is established has support from CCAFS and GRA.

- It is a repository populated with case studies, data emission factors, what was the approach.
- Countries can estimate how other countries are doing
- So far, material out there is only livestock but platform is generic
- There are already coupled GRA/ CCAFS activities in the GRA for livestock, need to expand especially to soil based emissions and removals (soil carbon, N₂O)
 - This is organized under MRV platform on the GRA website
- Start populating platform with non livestock examples, eg. rice, N₂O
 - Ask our country colleagues who have improved their inventories and which were the specific activities

- Have country specific contracts
(e.g Kenya for livestock Andreas got a contract funded by NZ)

Within UNFCCC, roster of experts, people with sufficient experience with GHG inventories
Also experts identified by FAO

How do we get organized?

- Leadership team
 - Richard Eckard
 - Andrea Pickering
 - See with Meryl
 - Alberto

Helping: Jan, Joergen, Lou, Jean-Francois, Marcia, Ngoni, Vincent
Plus GRA secretariat

CIAT will run geospatial information for Amazon. Partnership across agencies in this region. Could be also a way to promote activities in the Amazon. Co-development of tools with people. They have resources to leverage.

Connections with other networks and flagships

- Improved MRV for soil carbon (from soil C network)
- F2R:
 - For activities, link with farm level. Work with farm systems to get the activity data
 - Improve baselines for regional scale modeling and scenarios
- GHG inventory flagship:
 - Try to prepare a large proposal that would require a lot of data to be possible?
 - No need at this stage for a flagship
 - Is there a data base showing feed quality by forage type to be used for inventories

Other experts needed

- Through GRA secretariat, ask all member countries and associated partners to nominate experts and contacts
- Andrea has already started and could be expanded, send directly an UNFCCC focal points from GRA countries

Next steps

- Raise visibility
- Fund raising
- Note that a position for assisting coordination of network could be a top priority not so expensive
- Have someone in Bonn where secretariat is. Ask GRA chair, have a phone call with him

Meeting opportunities

- Opportunity to present in June at SBSTA in Bonn a proposal to GRA members targeting their representatives (e.g. African group). This needs to be supported by GRA secretariat
 - Link to GRA inputs to Koronivia process
 - Write a concept note (bullet points) that we could present in time for this SBSTA meeting
- Organize a meeting last two weeks in June in Bonn
- Pre-COP in Costa-Rica, October, but this is high level we cannot join
- Nature based solutions will be also in NY at SG UN day
- There is a EuroClimat funding for IICA. We could ask them for support for organizing and hosting workshop on inventory and capacity building
- We could have a side-event at COP in Chile