### Co –Chairs: Brian McConkey (Canada) and Jan Verhagen (Netherlands)

### Last meeting date: 11-13 July 2015. Brasilia

### Next meeting date: tbd

# Summary of activities from the past six months and identification of any issues

 *(Overview or any summary comments, issues needing to be raised with Council)*

* Focus only on those areas of work where existing engagement of members and partners
	+ UK (DEFRA) organised a webex meeting on January 15, 2015 to discuss plans for agricultural GHG inventory improvements and draw on experience from the UK GHG R&D Platform Projects (details via Luke.Spadavecchia@defra.gsi.gov.uk).
	+ UK undertook a stock taking of activities and needs among GRA countries regarding use of earth observation in GHG inventories.
	+ Co-hosted a workshop “Regional networks on farming systems” by the Ministry of Agriculture and Cooperatives (MoAC) of Thailand. Location Bangkok. 11 – 13 February 2015
	+ Organised a session on practical GHG quantification during the World Congress on integrated crop-livestock-forest systems. Brasilia July 2015.
	+ Undertaking literature review on measurement strategies for soil carbon in grasslands.
* Developing new activities to supporting capability building and information sharing specifically for national greenhouse gas inventories
	+ Canada undertook a stock taking among GRA countries of current and planned activities to improve quality and application of national GHG inventories.
	+ New Zealand organized and funded an African Inventory Workshop to increase capacity of participating African countries to improve their inventories to meet national policy needs regarding reporting, mitigation, and adaptation.

## Stock take/Inventories of Research Activities

*(Global survey/stocktake or inventory work, identify gaps in the current knowledge, to promote or facilitate research activity)*

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| **Activities** | **Timeline** | **Lead / Participating**  | **Progress**  | **Role of the Group** **Countries** **(undertake, facilitate or influence)** | **Collaboration with other organisations****and relationship timeframe (e.g. partner of the Group or project partner only)** |
| **National inventory improvement activities and priorities stock take** | **Oct 2014-July 2015** |  | Canada/NL, Spain, Norway, UK, Indonesia. Ireland | Analysed input and presented the findings at the world congress on integrated crop-livestock-forest systems, Brasilia July 2015. | Undertake |  |
|  **Application of earth observation for GHG inventories** | **Jan-July 2015**  |  |  UK and 10 other countries |  Analysed input and presented the findings at the world congress on integrated crop-livestock-forest systems, Brasilia July 2015. |  Undertake |  |

## Research Networks and Databases

*(These are a way of advancing collaborative research activities, organising data sharing activities opportunities and enhancing knowledge transfer)*

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| **Side event at the Climate Smart Agriculture Science Conference** | **March 15.**  |  | NL/Canada, NZ, France | Organizing | Participate | CCAFS, FAO |
| **Side event at the World Congress on integrated crop-livestock-forest systems. Brasilia**  | **July 2015** |  | Canada | Organizing, presenting | Participation | Embrapa (Brazil) |

## Capability Building

*(Work to build capacity in Alliance member countries (and beyond) to understand, estimate and identify opportunities for reducing the intensity of greenhouse gas emissions from livestock)*

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| **Activities** | **Timeline** | **Lead / Participating**  | **Progress**  | **Role of the Group** **Countries** **(undertake, facilitate or influence)** | **Collaboration with other organisations****and relationship timeframe (e.g. partner of the Group or project partner only)** |
| **Developing Decision Frameworks for Farming Systems** | **Feb 2015** |  | NL/Thailand | Workshop was held mid Feb 2015 in Bangkok | Facilitate, undertake.Participation from: Indonesia, Korea, Malaysia, Myanmar, Philippines, Vietnam and Thailand. | Agriterra and farmers organisations from Philippines and Indonesia |
| **Africa Inventory Capability building workshop** | **July 2015** |  | NZ, Ghana, Canada (South Africa, Botswana) | Workshop  | Facilitate and undertake |  |

## Collaborative Research Projects

*(Include here details about opportunities to share and generate knowledge* *and technologies* *to find ways to grow more food without growing greenhouse gas emissions – work that would not have happened without the Alliance)*

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| **Activities** | **Timeline** | **Lead / Participating**  | **Progress**  | **Role of the Group** **Countries** **(undertake, facilitate or influence)** | **Collaboration with other organisations****and relationship timeframe (e.g. partner of the Group or project partner only)** |
| **Meet with Cropland Research Group** | **11-12 July 2015** |  | USA, Brazil, Canada, NL/etc. | Joint meeting organizing | Facilitate and undertake |  |
| **Best Practice Guidelines - SOC**  |  |  |  **Canada/ Australia, UK,NZ, NL, US** | Focused on agreed on gaps, undertaking literature review. | Undertake, facilitate |  |
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## Technical Information and Knowledge Transfer

*(To improve the sharing of research results, knowledge, contacts, technologies and good practice from the Alliance research groups with farmers, farming organisations, the private sector, international/regional research organisations and NGO’s*.)

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| **Special session on Practical Greenhouse Gas Quantification at the World Congress on Integrated Crop-Livestock-Forestry** | **13 July 2015** |  | Canada/Brazil, NL, etc. | Session organizing | undertake | CCAFS (presenter) |

## Policy Support and Links to International Initiatives

*(Outline the work with ‘partners’ and the multiple modes of interactions)*

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