Inventories and Nationally Determined Contributions Network

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GRA Networks

Livestock
- Animal Health and GHG emissions intensity
- Animal selection, genetics and genomics
- Feed and nutrition
- Rumen microbial genomics
- Manure management

Cropland
- Conservation on agriculture
- Peatland management
- Agroforestry systems
- Landscape management
- Integrated crop-livestock systems
- Nutrient management

Paddy Rice
- Americas subgroup
- Asia subgroup
- Africa subgroup

Integrative
- Soil carbon sequestration
- Farm to regional scale integration
- Inventories and NDC
- Circular food systems
Inventories & NDC Network - Overview

- Aims to **improve the evidence base** and to **better connect governments and relevant expertise** to subsequently **improve the quality of agricultural NDC’s** and the way their **achievements are reflected by national GHG inventories**.

- Work together to **accelerate capture of mitigation technologies**, **increases in agricultural productivity** and **efficiency in national inventories**, which underpin policy and **mitigation decisions** and **NDC targets**.

- Our network comprises **~300 people**:
  - national agriculture **inventory compilers**
  - **decision makers** whose work is related to agricultural mitigation strategies, and
  - **policy actors** working in the agricultural NDC space.
Increasing access to methods to improve the collection of activity data for emission estimates, as well as inform future data collection.

Providing technical support and training, for capacity building and knowledge transfer.

Building upon existing shared databases (e.g. IPCC EFDB) and developing new platforms where necessary.

Activities include building in-country capability and avoiding the need for outsourcing capability.
1. Expanded network communications from 140 to 280 subscribers
2. Quarterly Newsletters
3. Research Collaboration Meetings
   a. 2nd June (discussion at 1 hr 43)
   b. 3rd June (discussion at 1 hr 45)

May 2020, August 2020, December 2020, March 2021
I&NDC Alignment and Funding

- Greenhouse Gas Management Institute (GHGMI)
- US Environmental Protection Agency (US EPA)
- Australian Centre for International Agricultural Research (ACIAR)
- New Zealand Agricultural Greenhouse Gas Research Centre (NZAGRC)
- FAO Enhanced Transparency Framework (FAO-ETF) Network
- Low Carbon Livestock Research Network (LCL-RN) Inventory Development Sub Group
I&NDC Work Plans for 2021 / 2022

1. Expanding Network and connecting with National Agriculture Inventory Compilers
2. Agriculture Sector National Inventory Compilers Workshop
4. International stocktake of national Agriculture Inventories and NDC’s
5. Proposal to write set of guidelines for using the IPCC Emission Factor Database (EFDB)
6. Compiling and submitting existing emission factor research to IPCC EFDB
7. Webinars to address specific topics of interest
### GRA Key Strategies 2021 - 2025

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<th>Further Research Collaboration</th>
<th>Foster Outreach, Knowledge Sharing and Information Exchange</th>
<th>Build Effective Partnerships</th>
<th>Leverage Financial and Other Resources</th>
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<td><strong>Strategic Objectives</strong></td>
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<td>- broad global participation</td>
<td>- meaningful communication to governments, farmers, industry groups and other stakeholders</td>
<td>- remain well connected with other initiatives and groups, develop partnerships and collaborations to close research gaps</td>
<td>- connection with pre-existing initiatives to strengthen research outcomes strengthened by voluntary support by members and partners</td>
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<td>- building global expertise, and supporting early career scientists</td>
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Questions?


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