



Manure Management Network

GLOBAL
RESEARCH
ALLIANCE
ON AGRICULTURAL GREENHOUSE GASES

OUTLINE

- Restart MMN
- Prepare CCAC proposal
- Next step

Coordination meeting

- Date: 9 August ,2017 (teleconference)
- Participants: Hongmin Dong, Julio Mosquera, April Leytem, Martin Scholten
- Issue discussed
 - ✓ Scoping
 - ✓ Network membership
 - ✓ Ongoing projects/ initiatives application

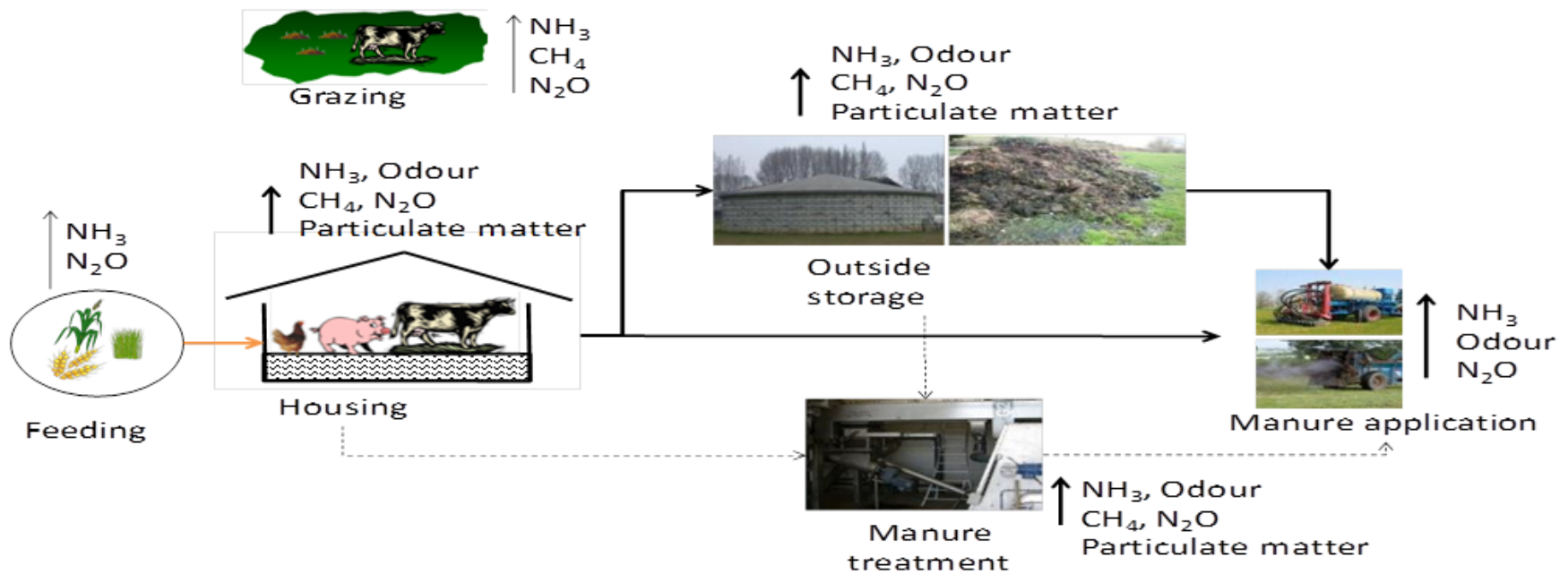
Rescoping

- Variety in national regulation of manure management; learning from best practices
- Monitoring GHG emissions from manure (storage, application); how to measure methane emissions (harmonization)
- Manure treatment to reduce GHG emissions (biogas production, separation); focus on methane reduction
- Reuse of manure as organic fertilizer, in perspective of circularity and soil carbon sequestration

Renew Network membership

- Number of person: 48
- Regions: 25 country and international organization

CCAC proposal: Improving emission factors for GHG emissions associated with manure management in national reports



◆ Considered the whole chain GHG emissions including house, storage, treatment and application stage

The aims

- ◆ Develop a central database compiling information
 - ✓ Manure related regulations
 - ✓ management practices
 - ✓ emission factors
- ◆ Develop Protocol of MRV system of GHG for manure management
- ◆ Help country to develop and implement GHG mitigation strategy
- ◆ Increase cooperation and sharing knowledge among participating countries

Activities

- ◆ Start-up meeting.
- ◆ Inventory of national regulations
- ◆ Establish database on Emission factors
- ◆ Develop Protocol on MRV of GHG emission
- ◆ Mitigation Options
- ◆ Help country develop manure management strategy for GHG
Mitigation and pollution control

Estimated budget

| Activity name | Main deliverable [and - if already identified - proposed implementer] | Requested amount from CCAC (USD) | Co-financing amount (USD) / In-Kind Contributions (USD equivalent) | Total Cost (USD) |
|---|--|----------------------------------|--|------------------|
| Start-up meeting | Meeting summary, presentations and attendance sheet, implementation plan | 25000 | 15000 | 40000 |
| Inventory of national regulations | Report | 150000 | 50000 | 200000 |
| Emission factors database | Database | 300000 | 50000 | 350000 |
| Protocol on monitoring greenhouse gas emissions | Report | 75000 | 35000 | 110000 |
| Mitigation options | Report | 200000 | 35000 | 235000 |
| Communication and project management | Not applicable | 25000 | 15000 | 40000 |
| TOTAL | | 775000 | 200000 | 975000 |

Next step

- ◆ Have a MMN meeting, later of this year or early next year
- ◆ Work with CGIAR – CCAFS project to Develop Protocol on MRV of manure GHG emission
- ◆ Explore possible to publish booklet on manure management strategy for GHG Mitigation and pollution control