

# Definitions

- Stock take – things known or currently being done, on which the GAA can build
- Target – geographical areas and farming systems where the GAA should focus attention
- Foresight – upcoming issues and trends the GAA needs to factor in

# Targeting / stock take

- Do we have a problem?
  - Nutrient balances / overload
  - Human densities
  - Manure management practices
- What can be do about it?
  - What is currently being done (policies – enforcement – constraints to recycling)?
  - What are the development priorities?
  - Which actors are currently engaged, what is the power relation?
  - What is the level of awareness
- Iterative process
  - Targeting and stock taking
  - Scale: Global, national, sub-national

# Stock take

- Success stories / failures (where, how, why, replication)
- Existing foresight research
- Knowledge gaps
  - Social aspects: how can specialized crop and livestock farmers work together?
  - Policy options and support (e.g. “low cost carrots” – PS directly addressing societal expectations)

# Foresight

- Mid to long term trends in energy and P (land) prices, consequences for manure management
- New hot-spots: trends in sector growth, livestock production systems, farm sizes and location, investment capacity/willingness in manure management
- Expectations of society (e.g. animal welfare, environmental services, food safety, prices and income related changes, transparency), related willingness to pay
- Who will lead market and consumer preference, who are the change agents (PS, NGOs, ...)

# Implementation

- Principle: Multi-stakeholder based, FAO to facilitate
- Constraints and resources
  - Limited time resources (from Saturday/Sunday to workday activity)
  - Need to work with, and coordination with existing initiatives, e.g. sustainability consortium, ASEAN PPP, GRA\LRG,

# Implementation

- Targeting
  - First implementation steps started by FAO, with some support of members
  - Quick start, results in 12-18 months
- Stock take
  - Coordinated by FAO, with strong input by members
  - Quick start, results in 12-18 months
- Foresight
  - Facilitated by FAO, some contracted to GAA members?
  - Starts after targeting and stock take