

Working Group Report

Thematic Area:

Reduced Discharge
and
Manure Management

Reducing Discharge: Characteristics 1

- 1) Geographic focus: Global issue
- 2) Species: Poultry and Swine, Ruminants (feedlots, large dairy operations)
- 3) Products/system: Medium and large scale intensive production systems and CAFO (Confined Animal Feeding Systems, also small size, emerging systems)

Reducing Discharge: Characteristics 2

- 4) Supply chain: Production of feed, transport, feeding, waste management, nutrients, disease issues, (commercialization of manure), economics of the waste management value chain (incl. carbon issue).
- 5) Value added: Share on why certain systems work in certain areas and what are the potentials and constraints for replication
Complementarity of action between private sector (fast adoption/adaption of practices that generate profit) and public sector that develops the “enabling policies” (e.g. spatial planning, price of fertilisers, regulations on nutrient management plans and discharge standards).
- 6) Boundaries: See 1 to 5



Key Issues, Key Problems

1

- 1) Economics of waste management
- 2) Regulations and policies (framework conditions)
- 3) Accessibility of Technologies
- 4) Improve Public – Private Sector Interaction, clarification of roles of the Public and the Private Sectors
- 5) Missing Information, documentation of successful technologies and best practices (rising awareness by giving examples that work). Sharing local experience with the help of an international platform

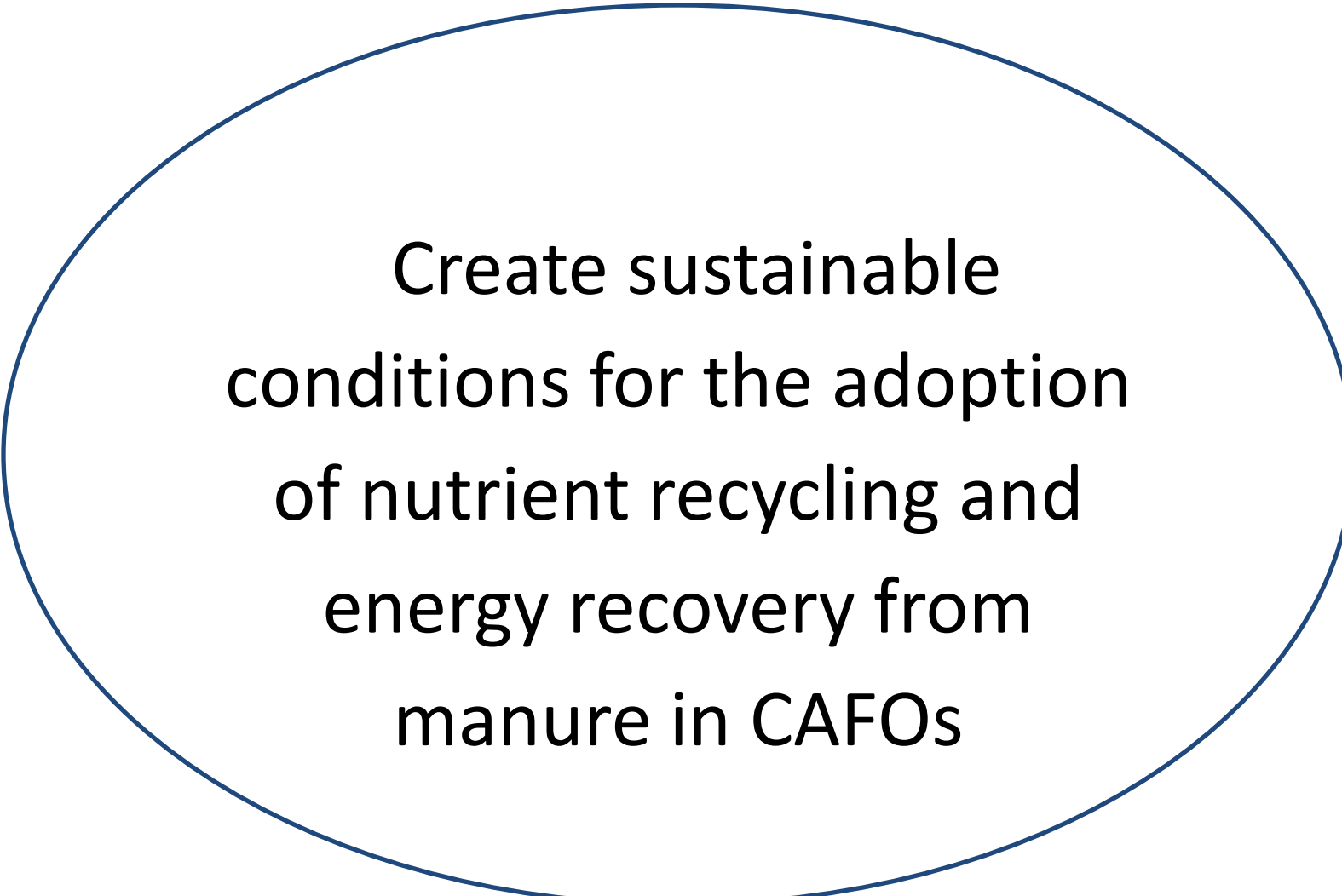


Key Issues, Key Problems

2

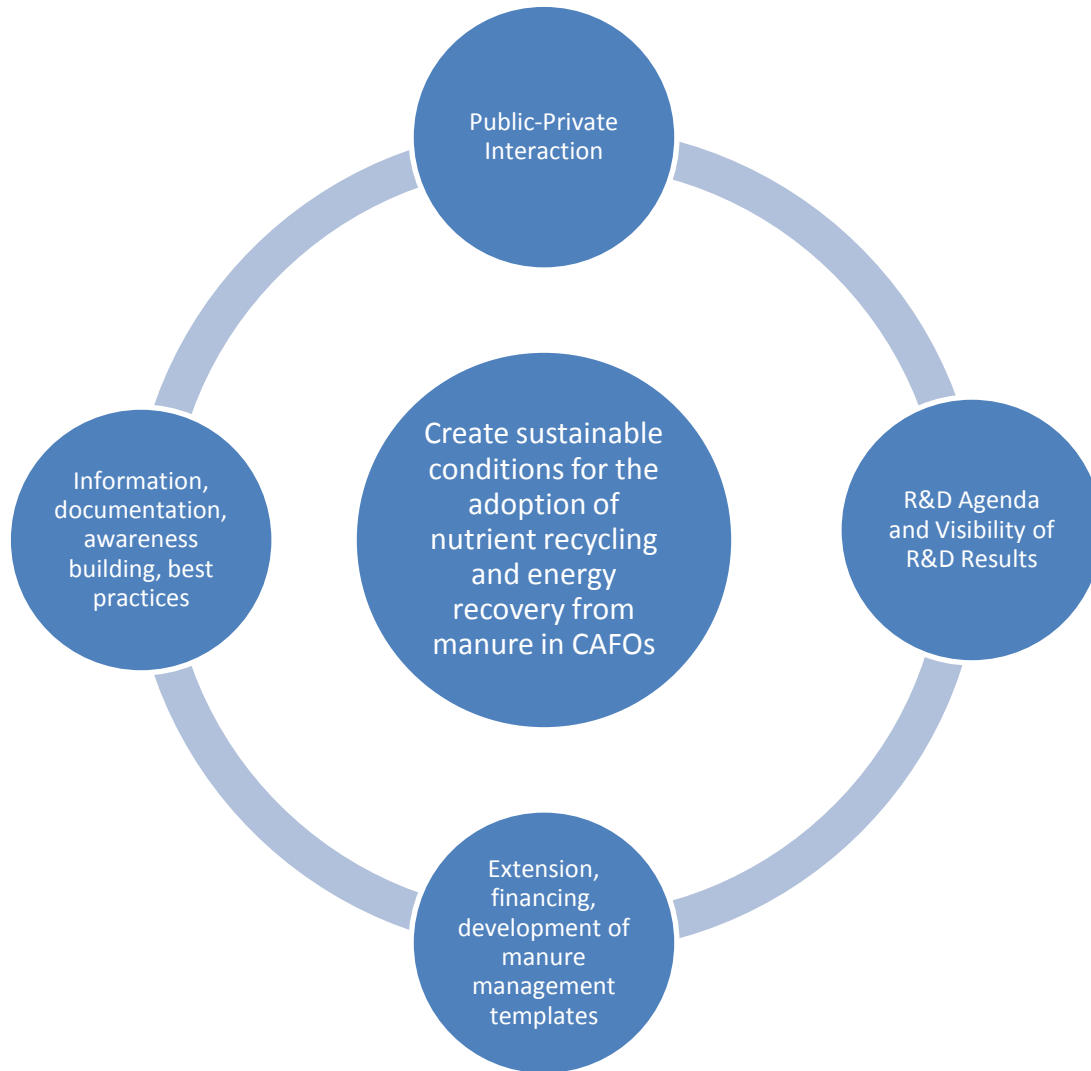
- 6) Working towards an internationally agreed research and development agenda. Improve access to research results with help of an international platform.

Focus Areas



Create sustainable
conditions for the adoption
of nutrient recycling and
energy recovery from
manure in CAFOs

Focus Area



Time Horizons (gut feelings)

1

All issues can be addressed (short term)

- 1) Economics of waste management (**short term**)
- 2) Regulations and policies (**short term**)
- 3) Accessibility of technologies (**long term**)
- 4) Improve Public – Private sector Interaction, clarification of roles of the Public and the Private sectors (**medium term**)
- 5) Missing information, documentation of successful technologies and best practices (rising awareness by giving examples that work). Sharing local experience with help of an international platform (**short term**)

Time Horizons (gut feelings)

2

- 6) Working towards an internationally agreed research and development agenda. Improve access to research results with help of an international platform (**short term**)

Short term: 2 years

Medium term: 5 years

Long term > 5 years

Thank you for your attention

