Working Group Report

Thematic Area:

Reduced Discharge and Manure Management
Reducing Discharge: Characteristics

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)
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<td>4) Supply chain:</td>
<td>Production of feed, transport, feeding, waste management, nutrients, disease issues, (commercialization of manure), economics of the waste management value chain (incl. carbon issue).</td>
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<td>5) Value added:</td>
<td>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).</td>
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<td>6) Boundaries:</td>
<td>See 1 to 5</td>
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Key Issues, Key Problems

1) Economics of waste management
2) Regulations and policies (framework conditions)
3) Accessability 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
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
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Create sustainable conditions for the adoption of nutrient recycling and energy recovery from manure in CAFOs

Public-Private Interaction

Information, documentation, awareness building, best practices

Extension, financing, development of manure management templates

R&D Agenda and Visibility of R&D Results
Time Horizons (gut feelings)

All issues can be addressed (short term)

1) Economics of waste management (short term)
2) Regulations and policies (short term)
3) Accessability 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)

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