

Manure management at farm scale: problem or opportunity?

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The main objective of this presentation is to provide information regarding the different steps of manure management at farm scale and highlight the value of manure as organic fertilizer and/or substrate for energy production.

The following topics will be considered:

- 1) Characteristics of manure
- 2) Animal manure management continuum
- 3) Main issues related to manure management, including gaseous emissions, water pollution and social aspects
- 4) Available solutions to minimize negative impacts associated with manure management.

Keywords: Manure, organic fertilizer, energy production, soil

Slurry acidification as solution for several problems

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The main objective of this talk is to introduce slurry acidification as a mitigation solution to minimize the environmental and societal impacts of manure management.

The following topics will be considered:

- 1) Acidification of manure: how does it work?
- 2) Available additives for manure acidification
- 3) Impact of acidification on gaseous emissions along the manure management chain
- 4) Impact of acidification on the agronomic value of slurry and nutrients leaching after soil application.

Keywords: Manure, organic fertilizer, acidification, soil