

CCAC Agriculture Initiative: Livestock and Manure Management Component Start-up Meeting

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Costa Rica Carbon Neutral.... encouraging context

NAMAs:

Coffee (25% emisions GHG)
Livestock (40% emisions GHG)
Sugar cane (11% emisions GHG)





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Organic Waste used for:

a. Fertilizer (mainly)

b. Source of energy (for self consumption at farm level)



Experiences in Costa Rica



Reducing fertilizer cost

but

What is the effect in underground sources of water?





A: pasture area with manure

B: pasture area without manure

Soil effects?
Grass effects?
Air effects?
Economics effects?





Biodigestor capacity among 20-60 kwNumberBiogas
(m3/day)Methan
(m3/day)820-29014-200

Source: K. Hernandez; 2013





In organic farms the use of manure is very popular

Composting with different kind of organic residues







Collection in a tank to add micro-organisms





tank



Constrains: points to study more.

Research on manure efect uses in different soil types

Relevant data on environmental and economic effects due to manure uses in site and off site

Laboratory capacities



Thank you

