



Synergies from co-digestion of grass silage with other feedstocks

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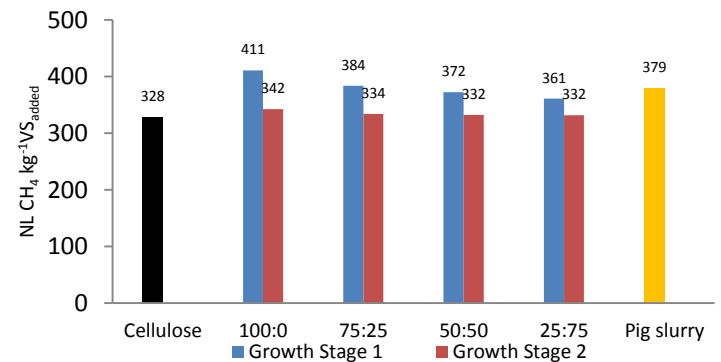
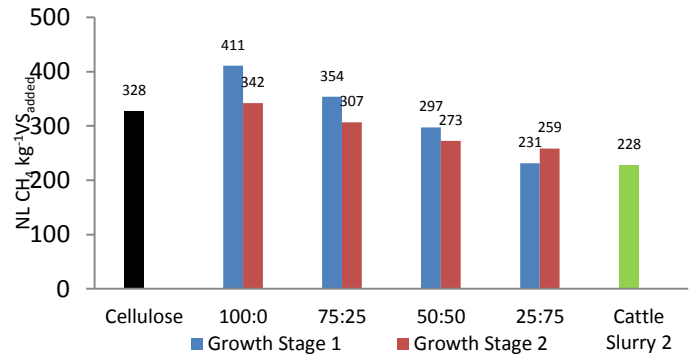
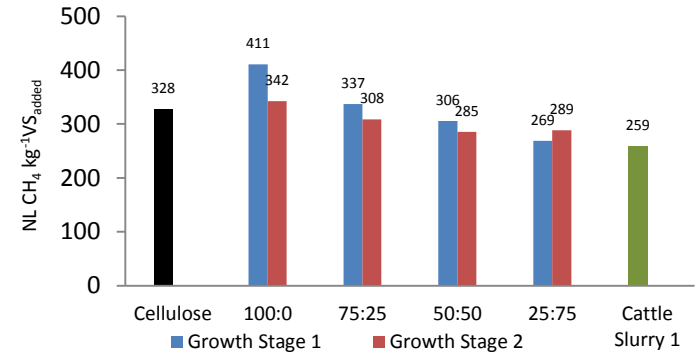
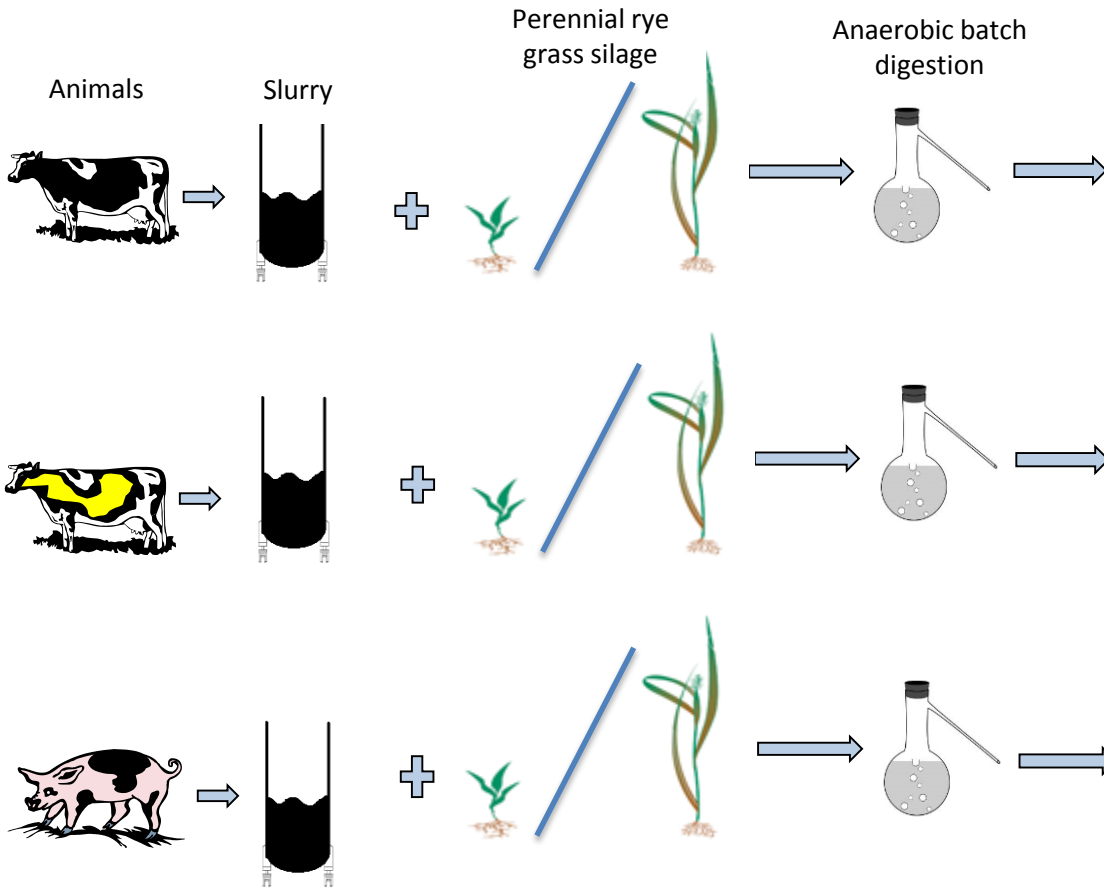
Introduction



- 1.7 M t grass dry matter (DM) in excess of livestock requirements
- Intensive grassland management → Up to 12.2 M t DM/a (McEniry et al., 2013)
- In 2010 there were 1.07 M dairy cows → 7.07 M t DM/annum for 20 weeks winter storage period of slurry

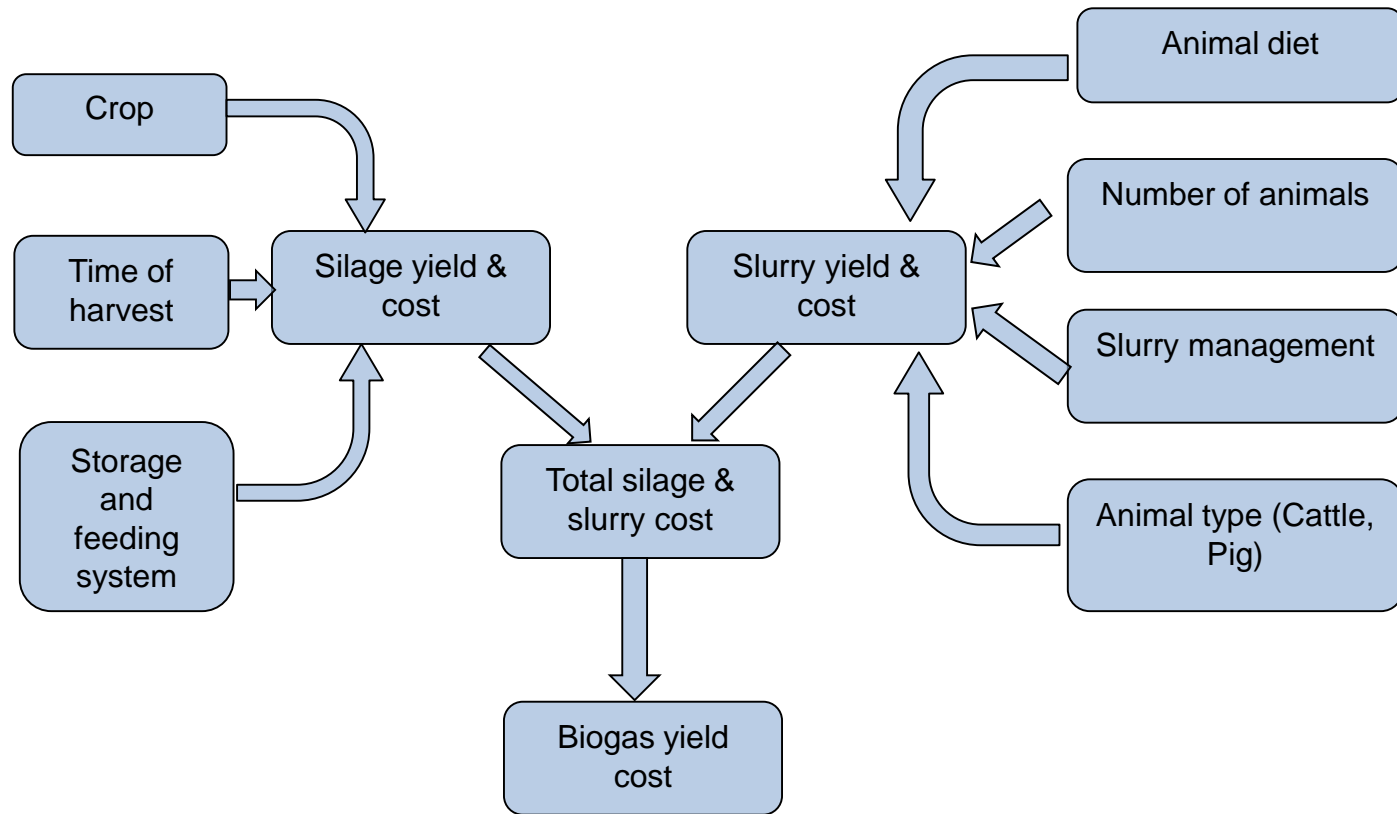
Co-digestion of different slurry types with grass silages

silages

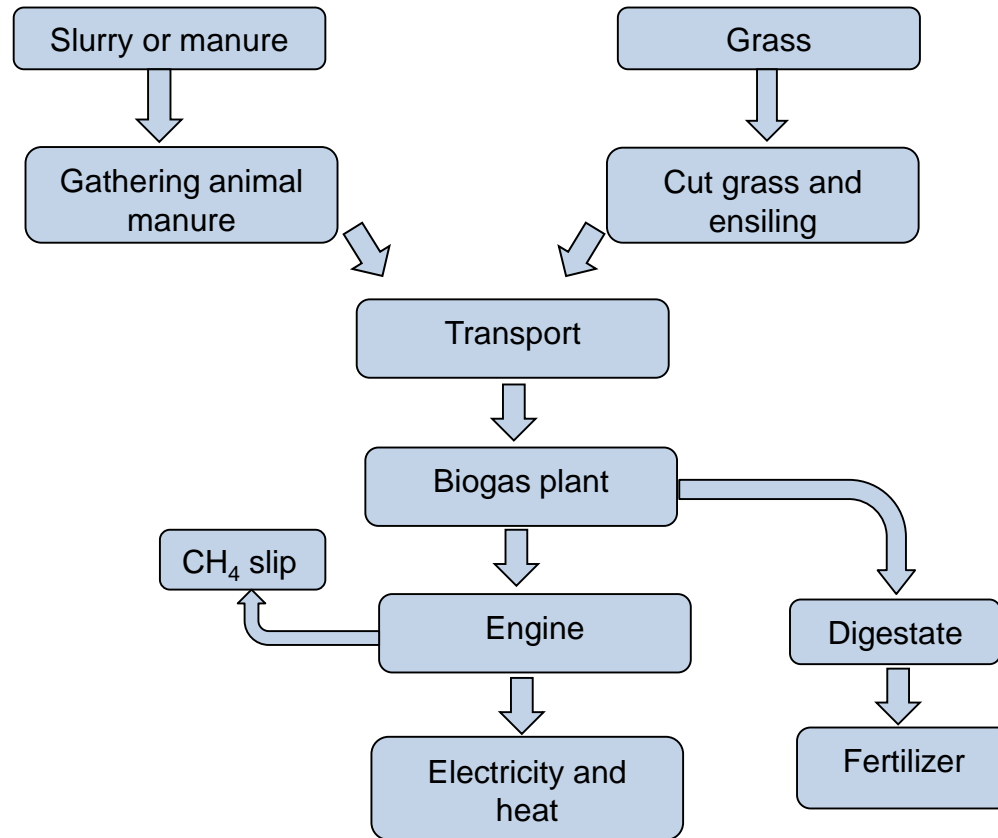


➤ Growth stage of the forage at harvest, and diet of cattle has an impact on SMY (specific methane yield)

Economic modelling of biogas yield from the co-digestion of silage and slurry



LCA of anaerobic digester fed with grass silage and slurry mixture



Questions?





Thanks for listening



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