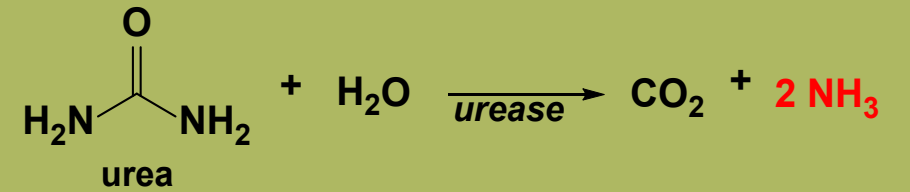
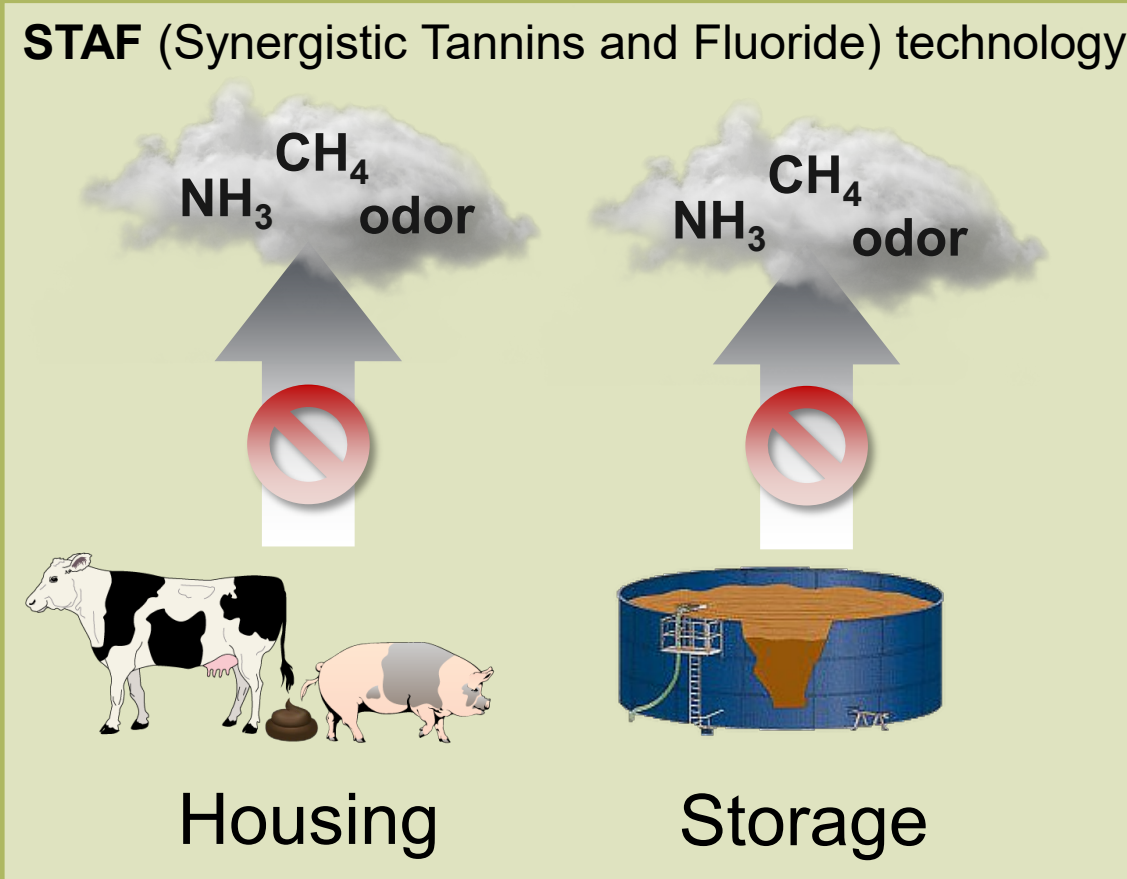


# Reduction of Methane, Ammonia and Odor Emissions from Livestock Manure Slurry

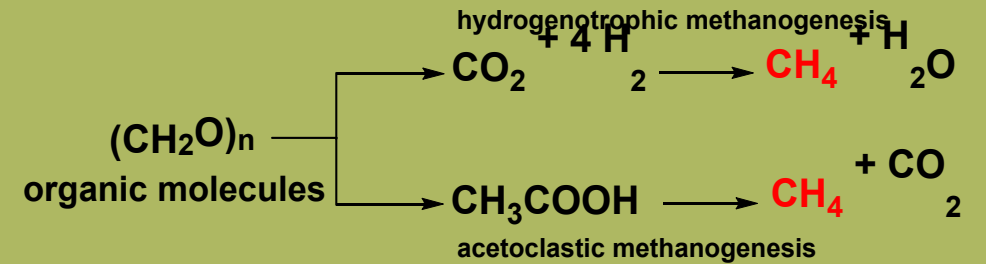
Simon Svane, Satoshi Kawaichi, Henrik Karring  
University of Southern Denmark

Preliminary housing experiment:

30% less NH<sub>3</sub>  
50% less CH<sub>4</sub>  
40% less odor



Ureolytic degradation of urea



Hydrogenotrophic and acetoclastic production of methane