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for Organic Farming

Grass-clover and biogas fertilizers as a climate efficient nutrient supply

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gudp

ICROFS
Organic RDD

Climate optimized fertilization in organic cropping systems (ClimOptic)

STØTTET AF
Promilleafgiftsfonden for landbrug

Take care of the nutrients in the system

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Nutrient conversion at biogas plants

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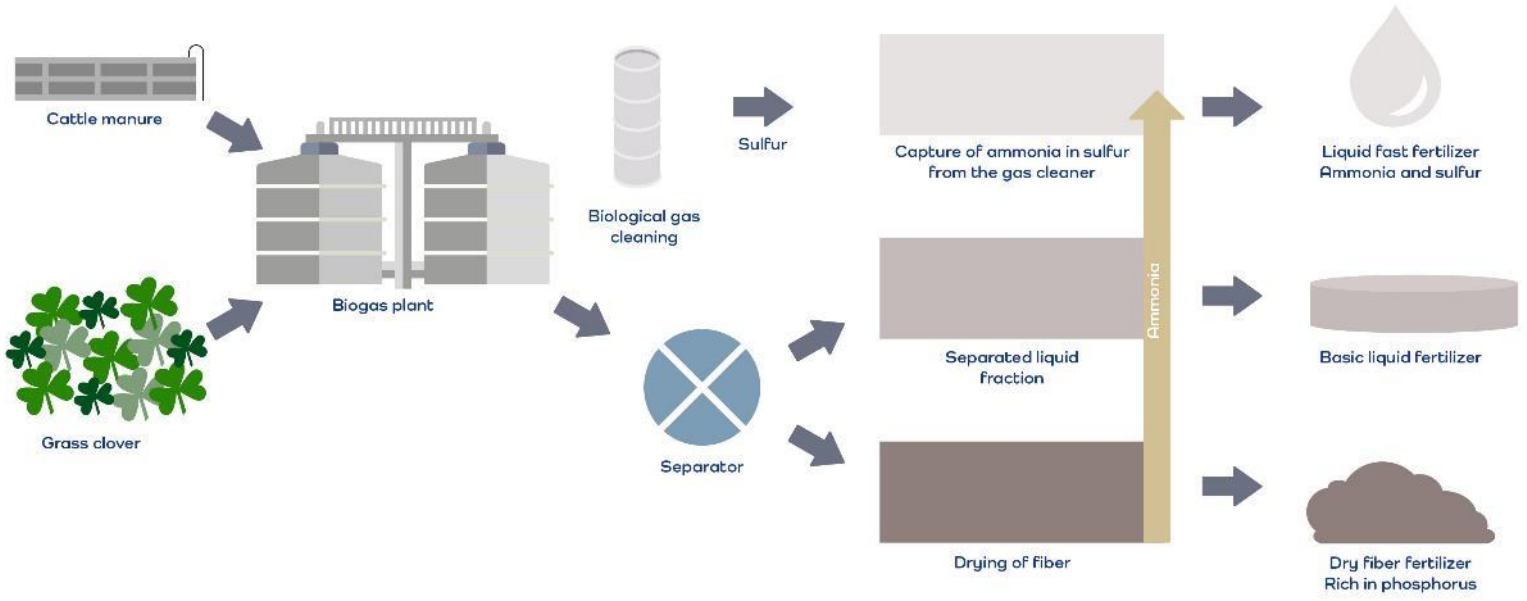
Climate smart fertilizer treatment after biogas digestion

- Biogenic nitrogen from clover grass.
- Reduction of greenhouse gases with biogas treatment.
- Catching ammonia with sulfur from the gas cleaner.



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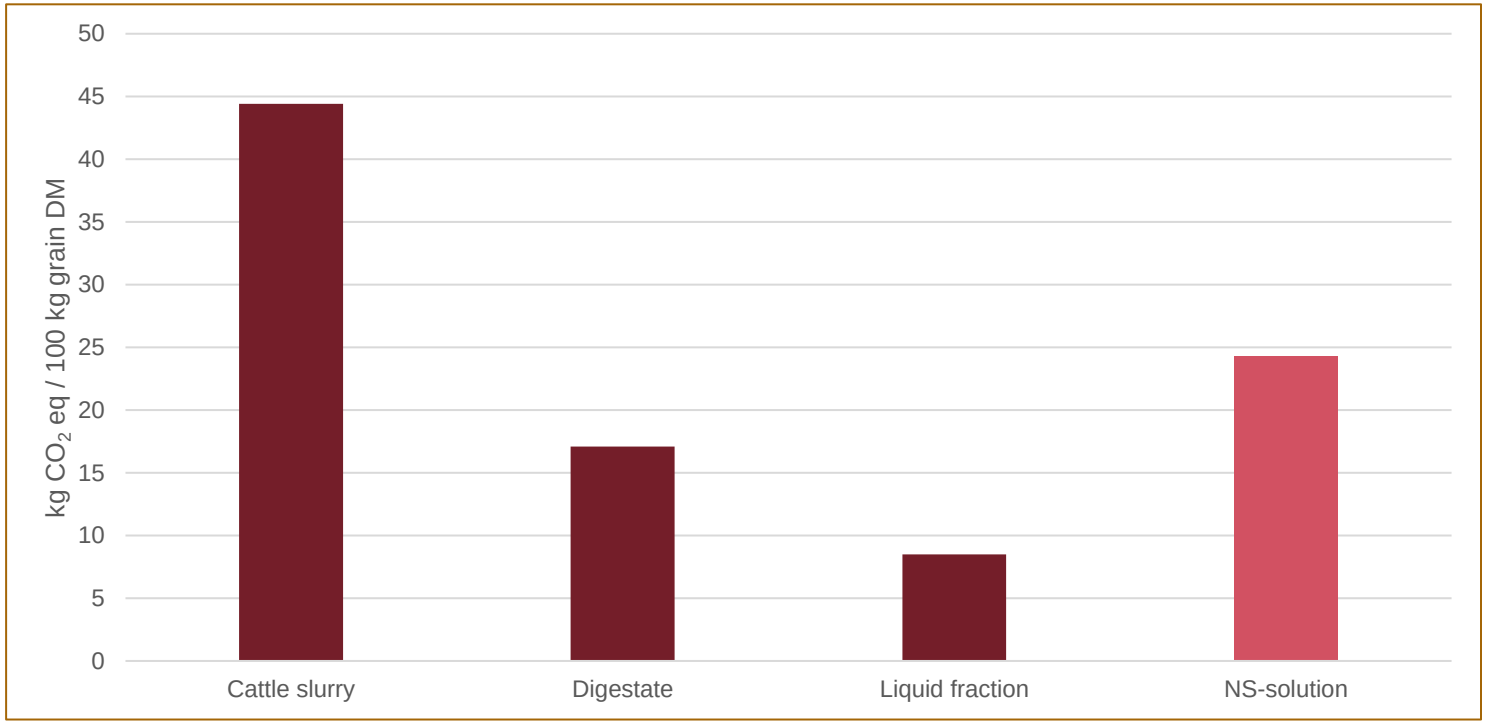
Improved overall carbon footprint

- Anaerobic digestion has a high potential for reduction of GHG emissions.
- High N-efficiency of the NS-fraction. (98%)
- Challenges with low N-concentration in the NS-solution.
  - High field emissions of N_2O due to high amount of liquid.



We are looking for techniques to further concentrate the NS-solution

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