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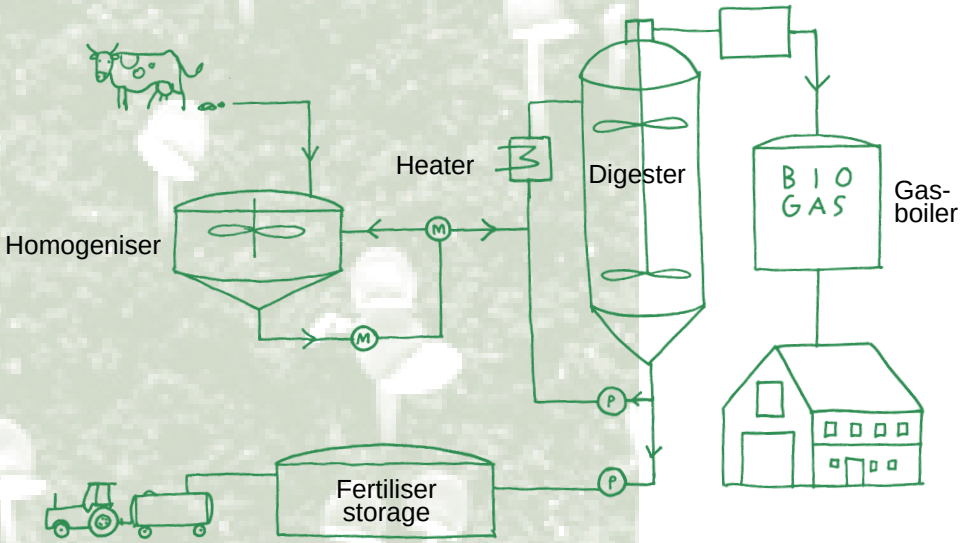
Ecology by the book

Biogas installation at The Agricultural College, Lövsta



Lövsta Gård houses an agricultural college that aims to give its students the knowledge necessary to develop farming and forestry in harmony with nature. As part of their programme to demonstrate sustainable farming techniques the college is currently developing its own biogas installation that will use farm manure as a fuel source. The manure will be used to produce methane gas that will provide heating for the college buildings - thereby reducing the need to use fuel oil. An added benefit is that through the biogas process the manure becomes more homogenous resulting in more efficient nutrient utilisation when it is subsequently used as a fertiliser. Lövsta College also has plans to use wastewater ponds to purify the entire college´s wastewater output and provide irrigation water according to the Gotland model.

Facts:

- Methane produced by the biogas installation will replace 50 m^3 fuel oil per year.
- The use of commercial fertiliser will be reduced from 95 tonne to 35 tonne.

Project co-operation:

Lövsta Gård Agricultural College
The Municipality of Gotland
KTH

Further information:

www.gotland.se/EKOKOM
www.hallbarasverige.gov.se