



Co-digestion of organic wastes and pig slurry In a program for multifunctional land use in The Netherlands

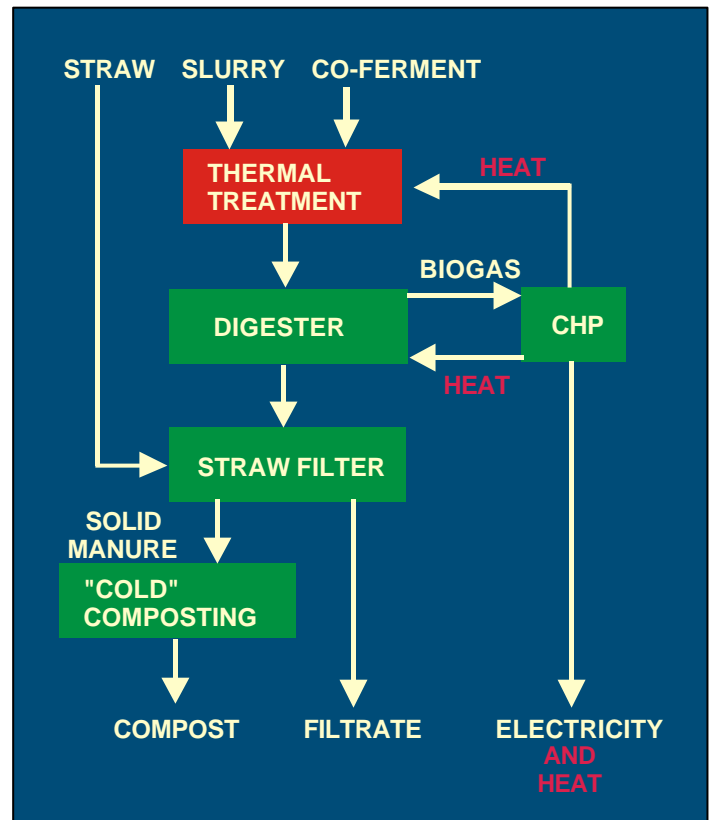
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Farm scale digester

- Nutrient recycling through pig slurry and organic wastes like grass and crop residues.
- Local production of electricity.

System components

- Thermal treatment (hygiene).
- Digester (biogas production).
- Power unit (electricity and heat).
- Straw filtration (separation of solids).
- Cold composting (maturation of organic fertiliser).



Research project conclusions

- Robust way of production of high quality organic fertilisers from pig slurry and organic wastes.
- Contribution of co-substrates is crucial for economic feasibility.
- Extra measures for reduction of gaseous emissions and odours are not required.