

Landwirtschaftliche Verfahren: Potenziale und Kosten der Treibhausgasminderung

– LandPaKT –

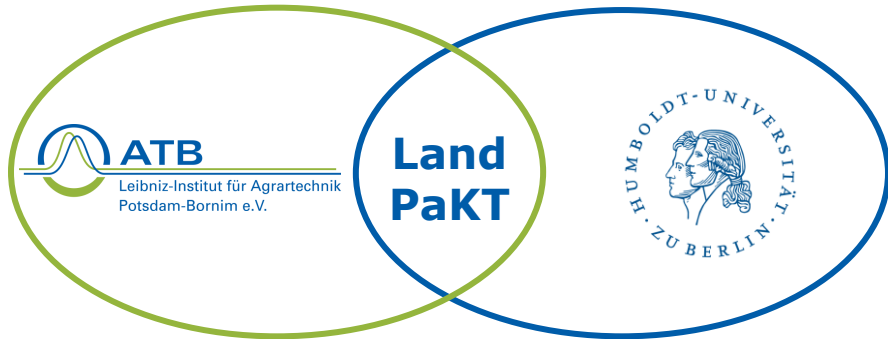
Agricultural techniques: potentials and costs of greenhouse gas mitigation

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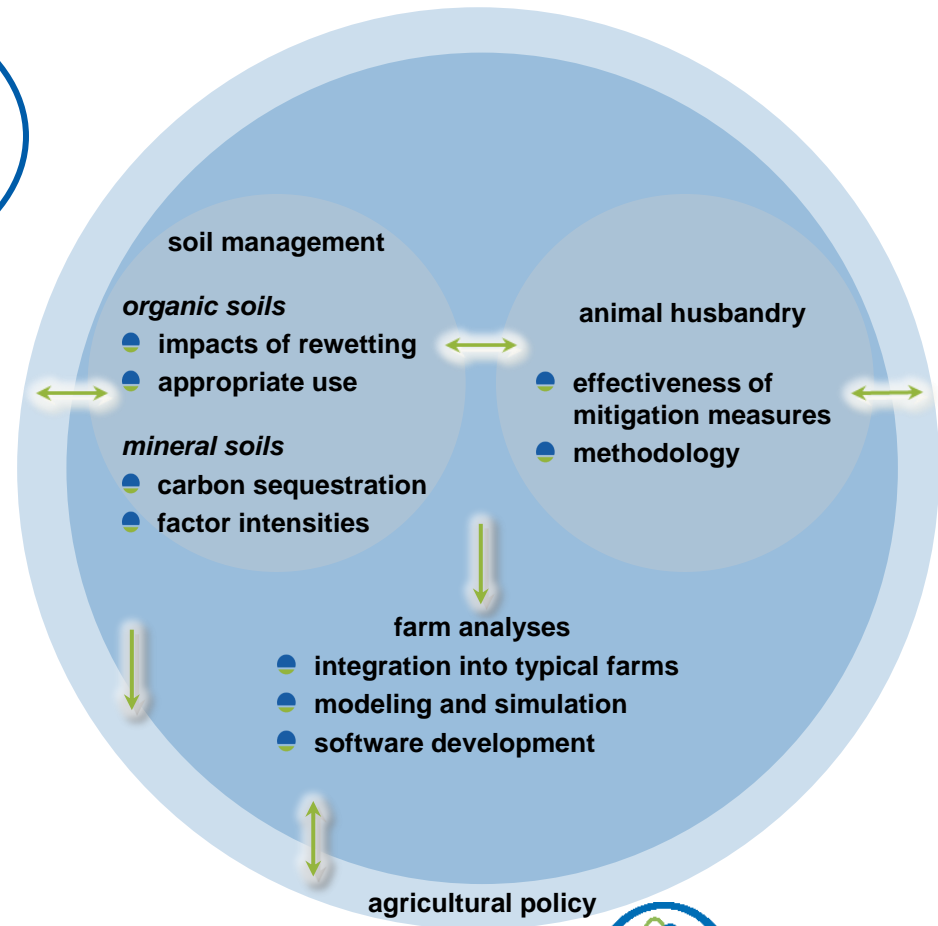
Department Technology Assessment and Substance Cycles

- joint graduate school of



- LandPaKT =
research group +
structured doctoral program

- objective: efficient greenhouse gas mitigation at farm level



Influence of Feeding in Dairy Farming on GHG Emissions

- **Correlation between fatty acid patterns in milk and enteric CH₄-emissions**
- **Maximizing of fodder components → N₂O-emissions of forage production**
- **Interactions between CH₄- und N₂O-emissions**
- **N₂O-emissions depending on the possible use of grassland (pasture, silage, hay)**

GHG Accounting Method for Dairy Farming

- **Composition change of fodder = land use change (LUC)?**
- **Influence of LUC on the carbon footprint results**
- **Life Cycle Assessment as basis for uncertainty analysis**
- **Recommendations for the preparation of carbon footprint studies**
- **Anticipated to simplify the comparison of future studies**