
METHODS FOR ESTIMATING AMMONIA LOSSES FROM ORGANIC PIG PRODUCTION IN FREE RANGE SYSTEMS AND IN BARNES WITH OUTDOOR PENS



FRAMEWORK

AGRICULTURE

ORGANIC PIG PRODUCTION



NH₃



NH₃



Increasing demands to reduce ammonia losses from agriculture (EU)



Research project PECOSYSTEM

AIM OF WORKSHOP

- ❑ Identify promising methods for ammonia loss quantification from organic pig production
- ❑ Discuss how to best set up comparative analyses under real-life conditions
- ❑ How to move forward (ideas for co-operative projects)

AGENDA – BEFORE COFFEE

- ❑ Welcome and presentation of the pEcosystem project, *AG Kongsted*
- ❑ The demands for the pig industry to reduce ammonia losses, and specific challenges in organic systems *K Jonassen*
- ❑ Measuring ammonia losses from manure spreading – what factors determine losses and need for measuring plot size, *A Pacholski*
- ❑ Measuring ammonia losses from open animal houses – how to handle large and variable systems, *AP Adamsen*



AGENDA – AFTER COFFEE

- ❑ Measuring ammonia losses from agroforestry systems, *S Tang*
- ❑ Measuring ammonia losses from pastures with micrometeorological methods, *C Amman*
- ❑ Measurements of ammonia emission from grazing animals, *SG Sommer*
- ❑ Current investigations of N-balance in organic pig systems, *U Jørgensen*



See presentations from the WS: <http://agro.au.dk/forskning/projekter/pecosystem/workshop-5-6-october-2015/>