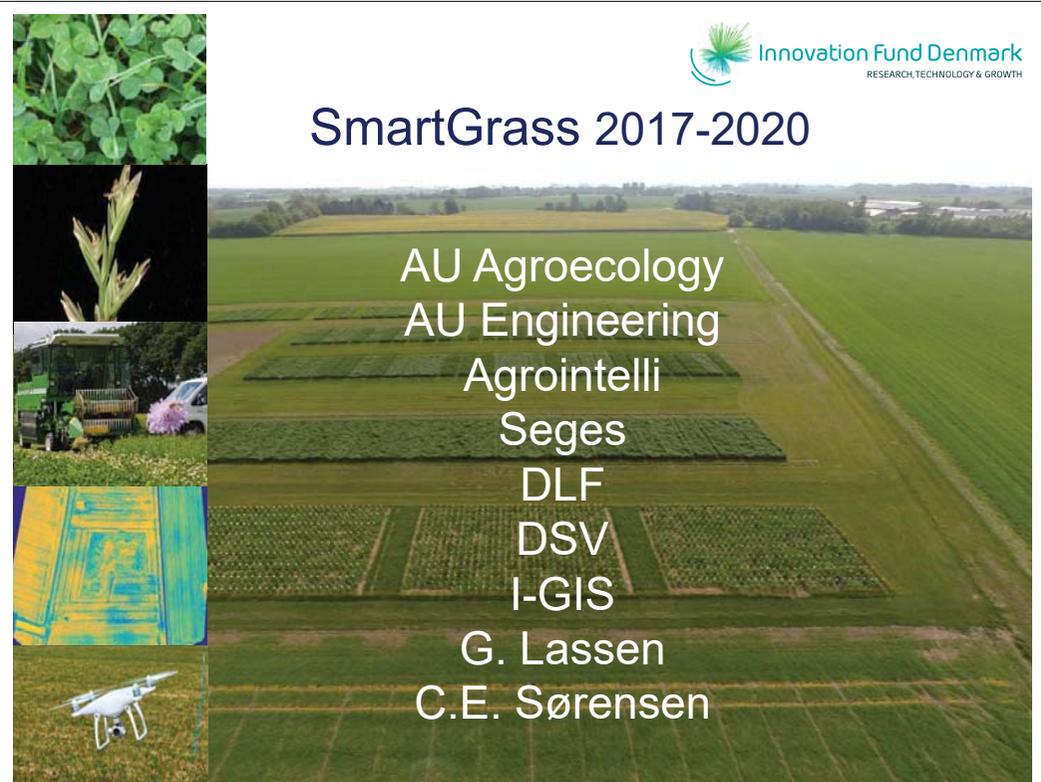
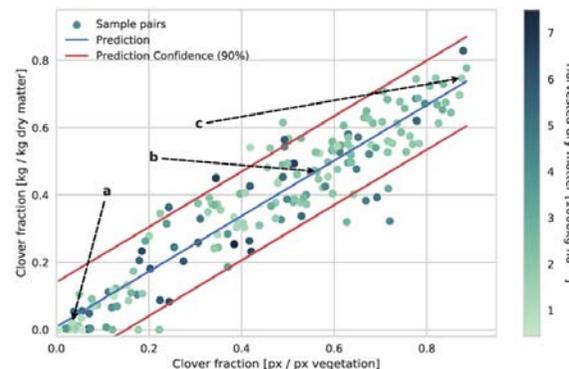
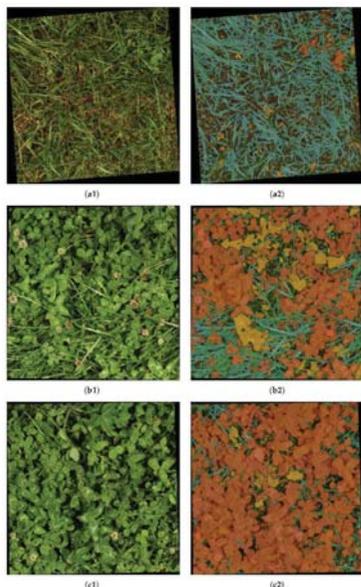


SmartGrass 2017-2020

AU Agroecology
AU Engineering
Agrointelli
Seges
DLF
DSV
I-GIS
G. Lassen
C.E. Sørensen



Estimating botanical composition



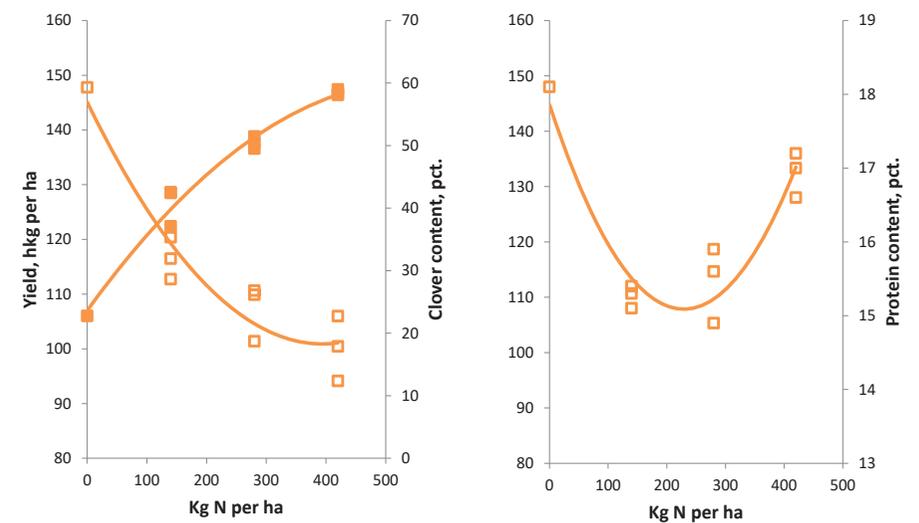
sensors **MDPI**

Article
Sensors 2017, 17, 2930; doi:10.3390/s17122930

Estimation of the Botanical Composition of Clover-Grass Leys from RGB Images Using Data Simulation and Fully Convolutional Neural Networks

Soren Skovsen ^{1,*}, Mads Dyrman ¹, Anders Krogh Mortensen ², Kim Arild Steen ³, Ole Green ³, Jørgen Eriksen ⁴, René Gislum ², Rasmus Nyholm Jørgensen ¹ and Henrik Karstoft ¹

The challenge of grass-clover fertilization

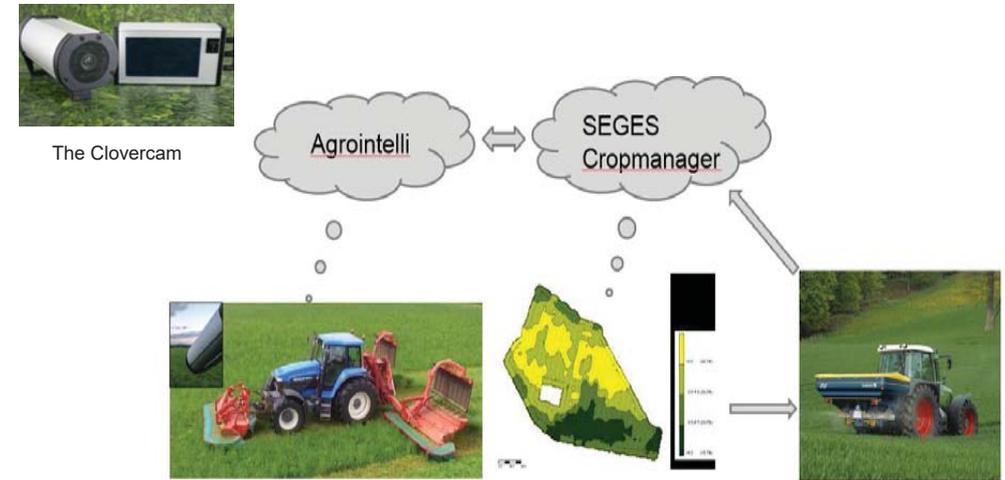


MultiPlant

Multi-species grasslands for protein, bioenergy and biodiversity

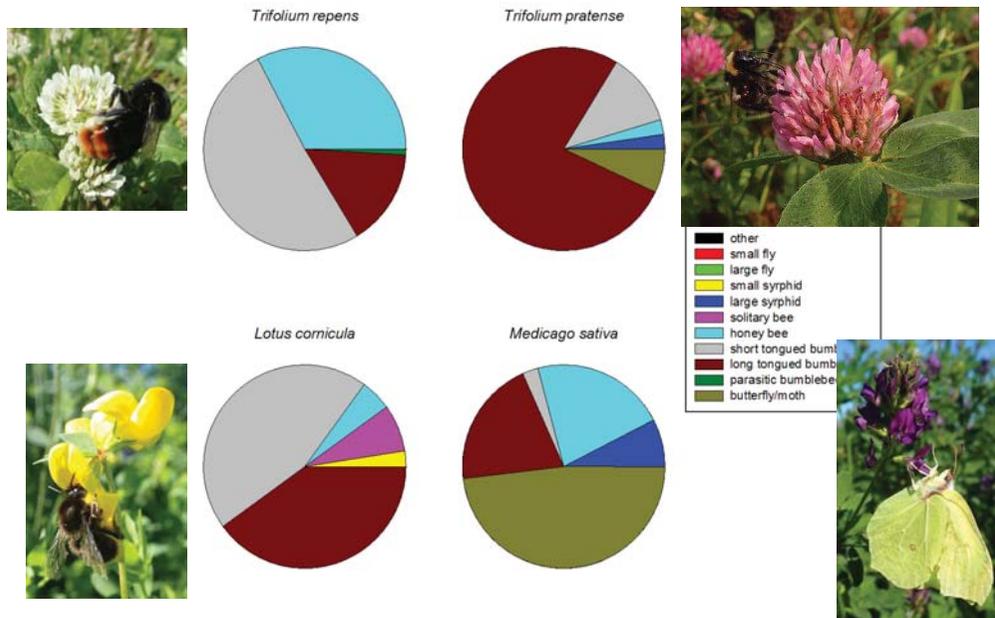


Fertilizing grass-clover mixtures from botanical composition

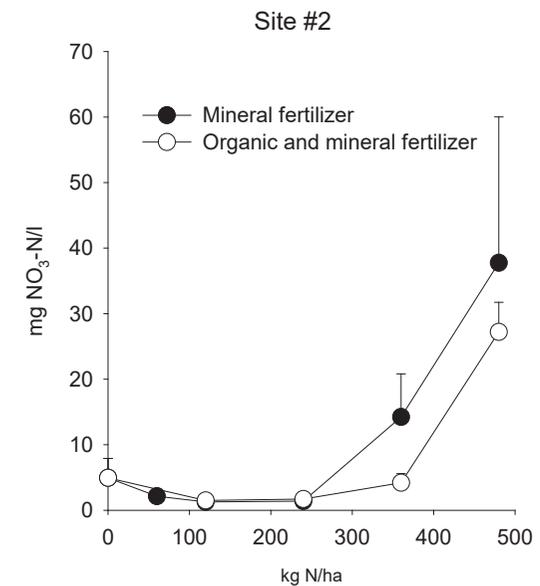


Innovation Fund Denmark
RESEARCH TECHNOLOGY & GROWTH

Pollinator profile: Legumes



Nitrate leaching from grass-clover mixtures

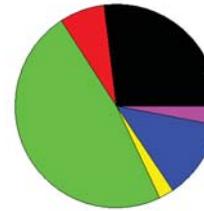


Pollinator profile: Herbs

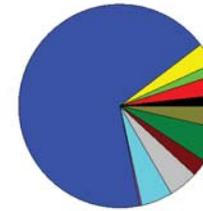
Taraxacum officinale



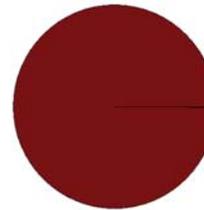
Carum carvi



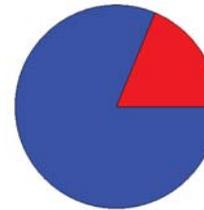
Knautia arvensis



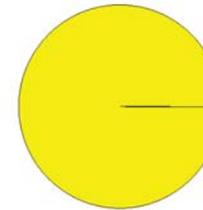
Prunella vulgaris



Achillea millifolia



Plantago lanceolata



- other
- small fly
- large fly
- small syrphid
- large syrphid
- solitary bee
- honey bee
- short tongued bumblebee
- long tongued bumblebee
- parasitic bumblebee
- butterfly/moth