



Organic Knowledge Network
on Monogastric Animal Feed



Grass Protein – local and climate friendly

Erik Fog, senior advisor, SEGES Organic Innovation
OK-Net EcoFeed Thematic Group Meeting, 26th of May 2020



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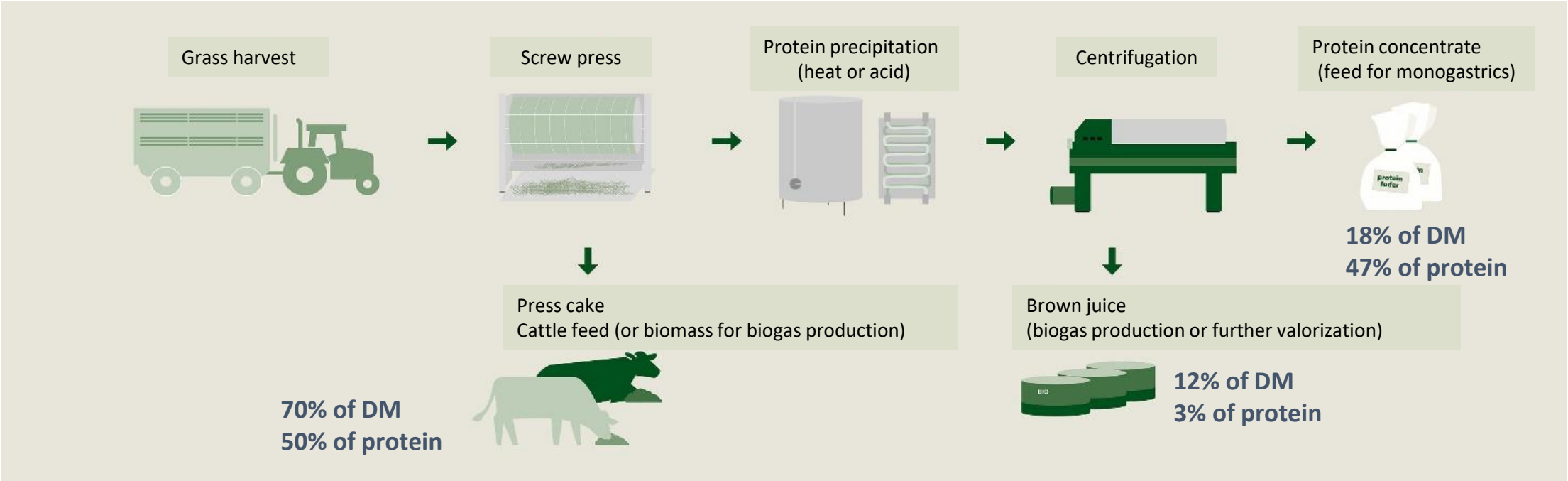
Reasons for Grass Protein

- Grass-clover can produce more than 1 ton of protein concentrate per hectare
- Grass Protein concentrate hold a protein concentration of approx. 50 % with a high content of methionine – very similar to soy cake.
- Pigs fed with grass protein grow as fed with soy protein – and deliver the same meat quality.
- Feeding trials with hens and chicken show similar results.
- Residues from protein extraction are very suitable for cattle feed and biogas production.
- Grass-clover for protein production is an attractive crop in organic farming.
- Grass-clover sequester more carbon in the soil and have less problems with plant diseases than other protein crops.
- Grass Protein concentrate can be produced to prices comparable to organic soy cake.



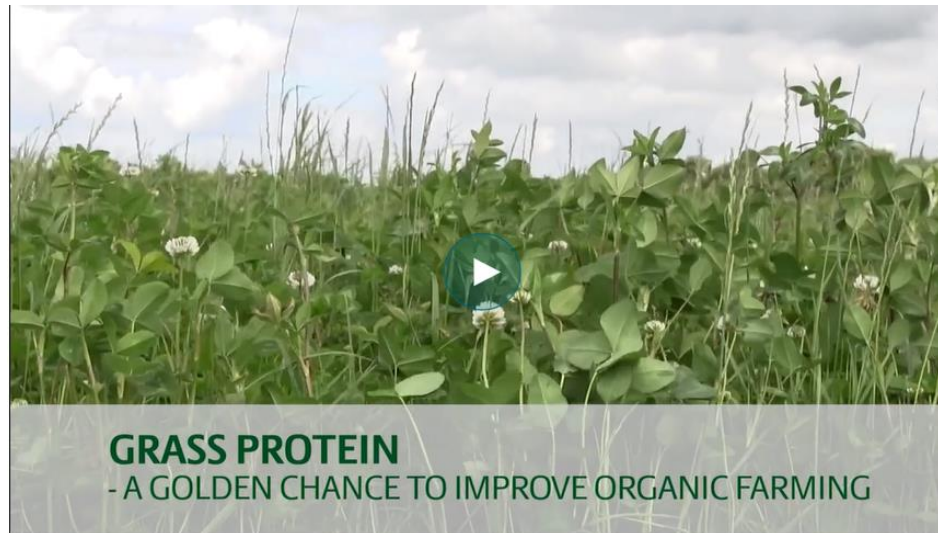
Production of Grass Protein

- Grass protein is produced in green biorefineries



Danish research in Grass Protein

- Bioref, BioValue Spir, BIOBASE, [MultiPlant](#), [OrganoFinery](#), [SuperGrassPork](#), Subleem 1 & 2, Green Eggs, Bioraf-Business, Green Bioraf, Inno-Grass, [Græs-Prof](#) and [TailorGrass](#) (Ausumgaard)
- Video on the grass protein process:



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