

# PULP FROM GREEN PROTEIN EXTRACTION OF GRASS AS FEED FOR DAIRY COWS

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CBIO webinar – Circular bioeconomy research  
July 1<sup>st</sup>, 2020



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AARHUS UNIVERSITY CENTRE FOR  
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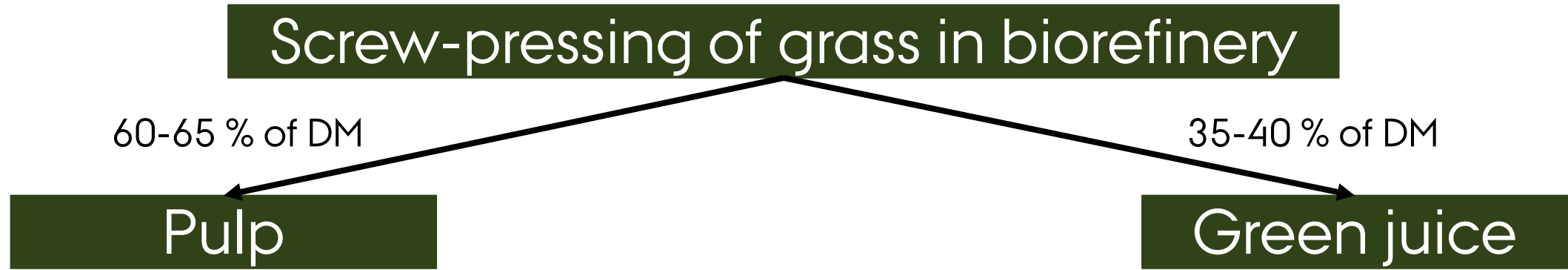
Stiftelsen Hofmansgave

**Interreg**  
North Sea Region  
**BIOCAS**  
European Regional Development Fund



# PULP – A QUANTITATIVELY LARGE BY-PRODUCT WITH GREAT POTENTIAL

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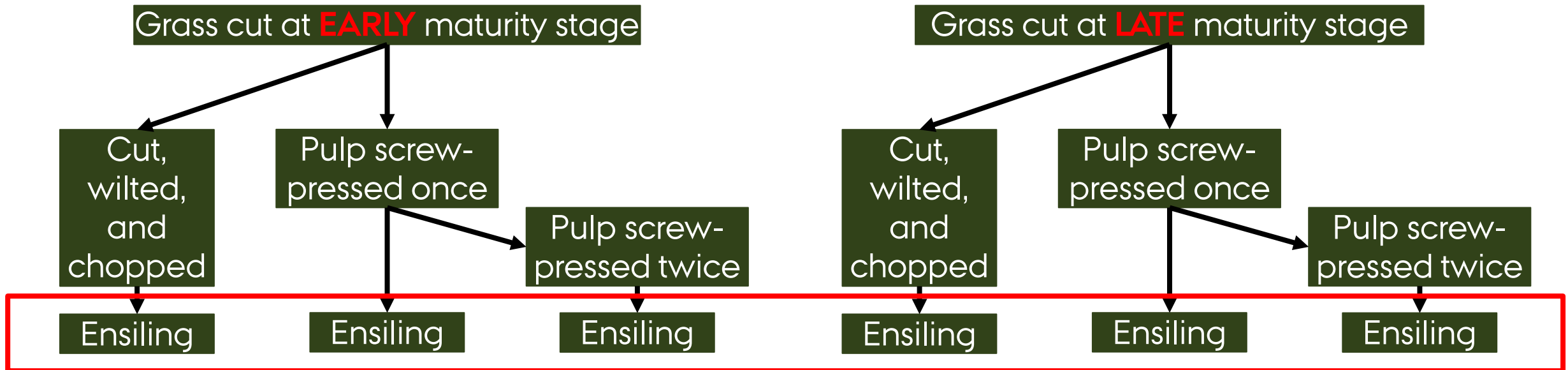
Utilization of pulp:

- Can be fed to dairy cows fresh or as silage
- Pulp is meant to substitute traditionally cut grass silage in diets
- Pulp increased milk yield by 10 % (Damborg et al., 2019)
  - But results contradicts across studies

# AIM AND DIETARY TREATMENTS

## Aim

- To investigate the effect of feeding grass harvested at two different maturity stages that has been either harvested in the traditional method or processed in the bio-refinery at two different intensities



# RESULTS AND EXPECTATIONS

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- Feeding trial ended this April
- Analyses of data and samples await
- All silages ensiled well
- Hypotheses
  - Fiber digestibility increases with physical treatment
  - Feed intake increases with physical treatment





# EASY ACCESS FOR MICROBES TO CELL WALLS OF PULP (LEFT) COMPARED TO CHOPPED GRASS (RIGHT)

