

The meeting of EIP-groups, Helsinki 17 January 2019

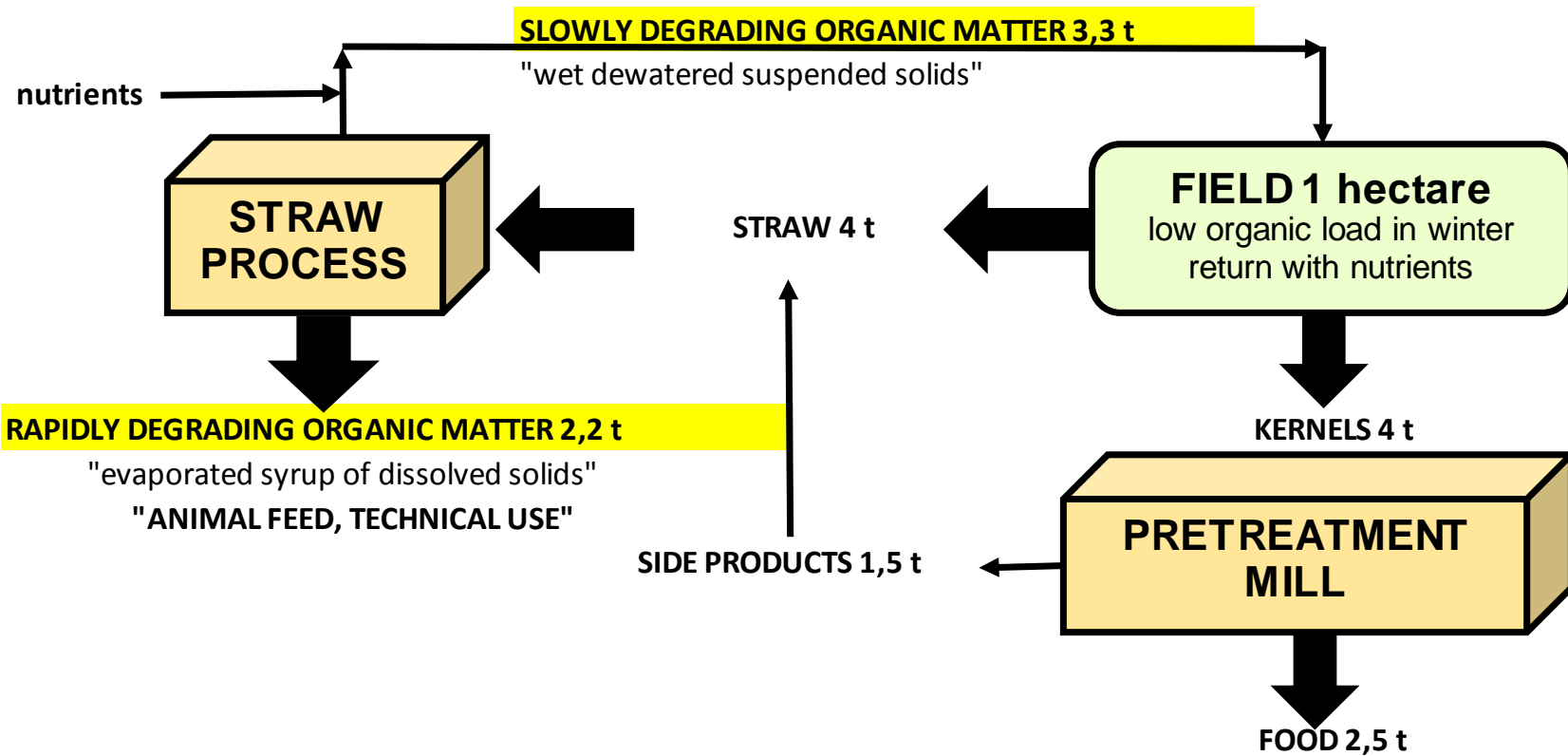
**Production of quality oats and benefitting
the mass of side products
with the help of thermomechanical process
(Quality Oats)**

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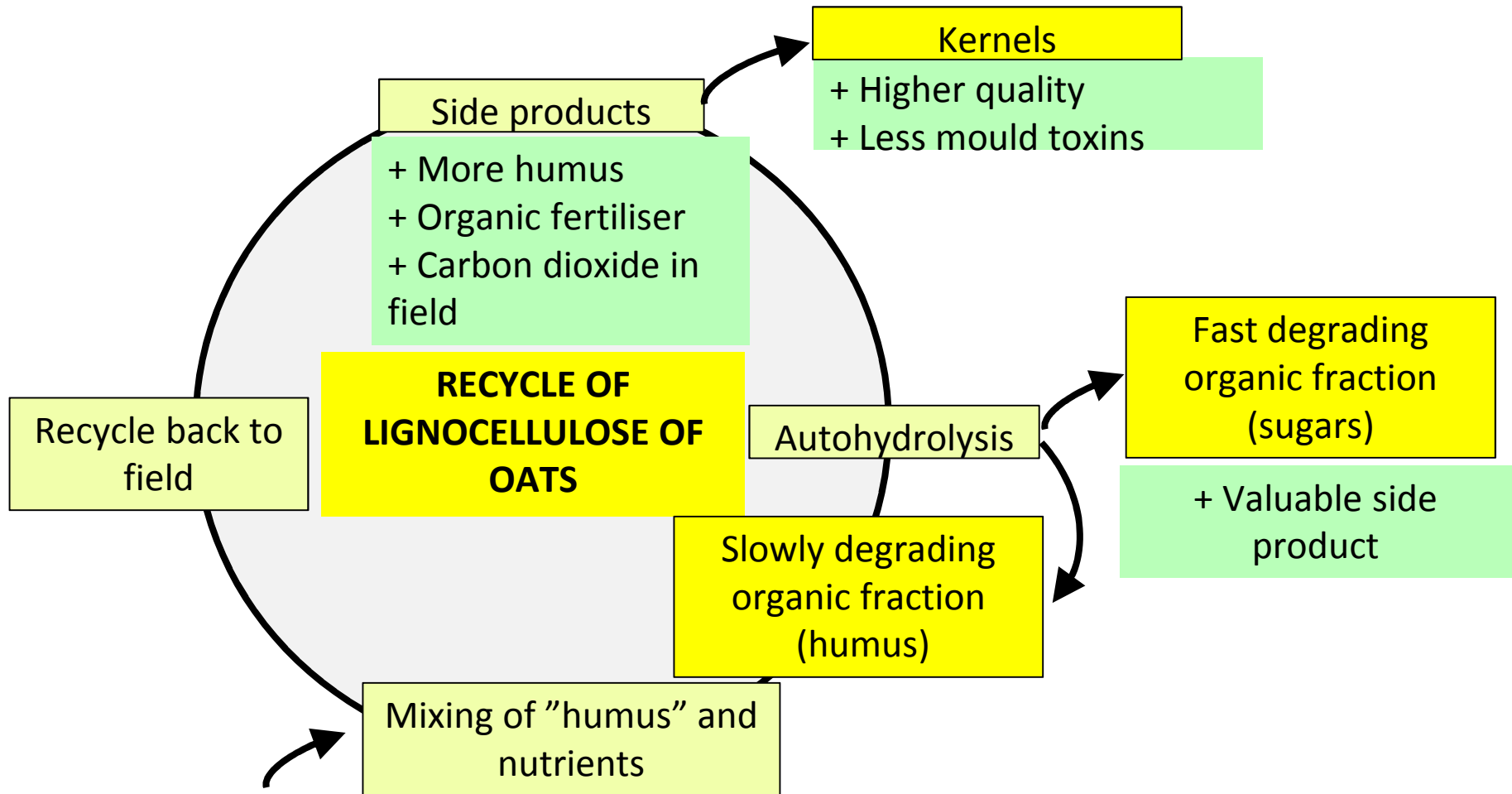
Objectives of the EIP-project “Quality oats”

- The main objective is produce high quality oats economically.
- We shall test thermomechanical process, which does not need chemicals, in processing side products of oats. We shall get slow (humus) and fast (liquid) degrading fractions of the side products.
- We shall clarify how the slow degrading fraction apply in the fields. We shall also clarify can mix into the fraction chalk and ash produced from burning wood. In addition, we shall check if the fast degrading fractions apply to animal feed.
- We shall decrease *Fusarium* moulds, plant diseases and weeds on the fields.
- We shall increase organic material in fields.

Mass balance of oat farming together with straw process (autohydrolysis)



Recycle side products of oats



Nitrogen, phosphor,
chalk, ash (minerals) etc

High quality, bright and light color of Finnish oats are known worldwide



Photo: Veli Hietaniemi

Thank you!



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