



# Alt-4-Cer: Environmental and socio-economic sustainability and pertinence of alternative scenarios for food and non food uses of cereal resources in Wallonia (Belgium)

*Combining Social and Environmental Life Cycle Assessment through stakeholders' involvement & local data use*

Funded by the Walloon Agricultural Research Centre  
Duration: March 2011 – February 2014



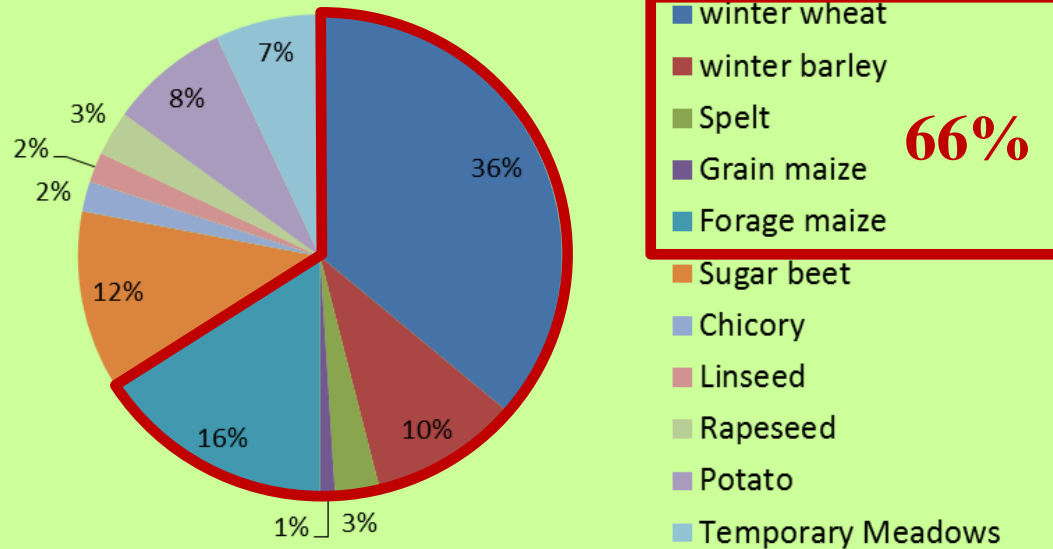
Centre wallon de Recherches agronomiques

Alice Delcour, 1st December 2011

Walloon Agricultural Research Centre - Crops Production Systems Unit

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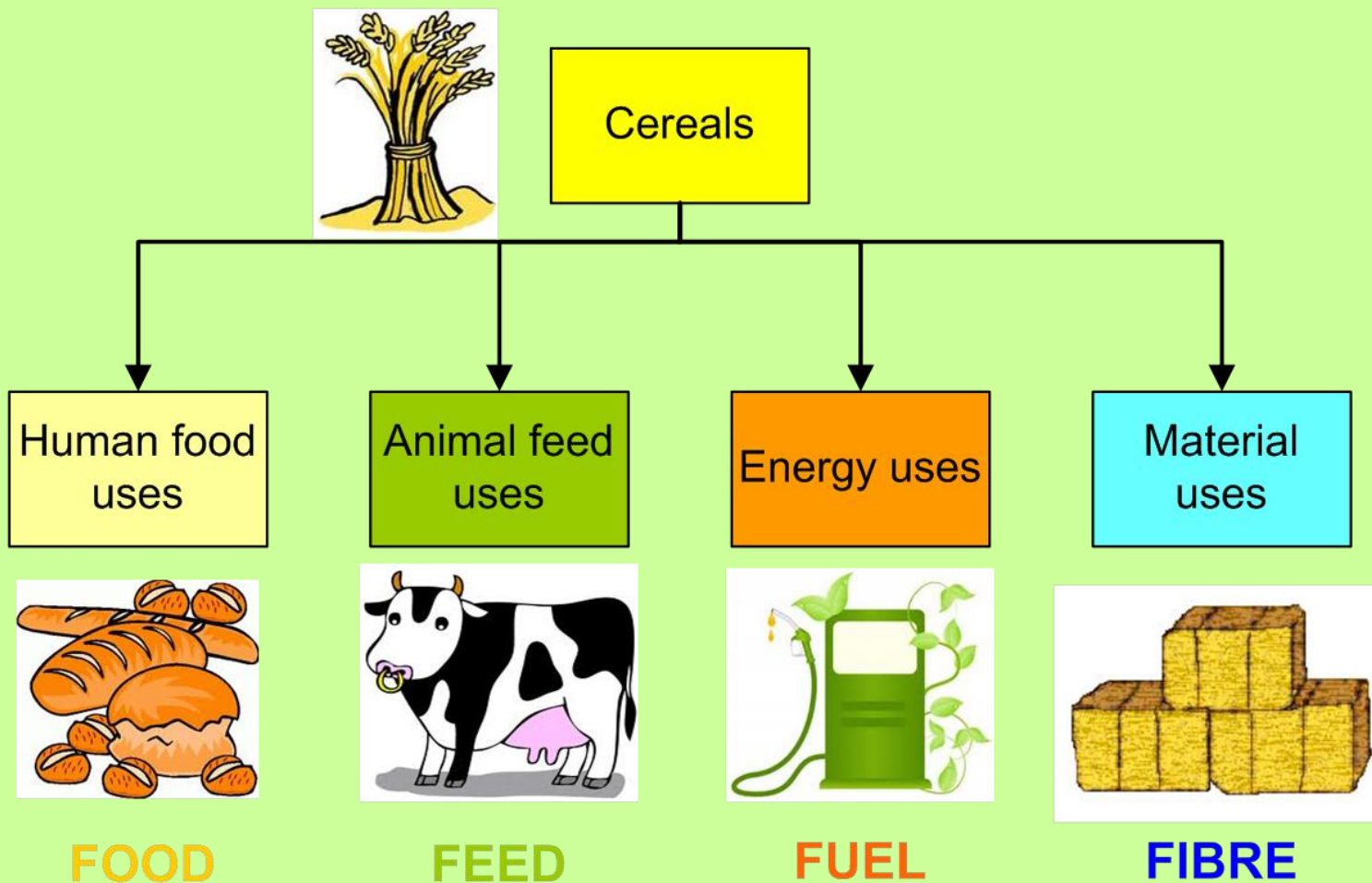
**66%**

Wallonia = 50%  
of Belgian grain  
cereals  
production

- Walloon cereal production turned to animal FEED industry
- Decrease of FOOD use (quality non lucrative)
- Development of biofuel industry
- Transformation (and added value) located in Flanders

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# Methodology : « 4F » scenarios



→ Scenarios for 2030 with contrasted hypotheses

## Alt-4-Cer

Opportunities

Evaluation & adaptation

Ponderation

Scenarios  
4F

S-LCA  
& E-LCA

MCA

Local data & expertise

Criteria

Stakeholders' involvement

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**Alt-4-Cer**

Opportunities

Evaluation & adaptation

Ponderation

*Provide clues for most sustainable and pertinent uses of the cereal resources in Wallonia*

Local data & expertise

Criteria

**Stakeholders' involvement**

*Thank you for your attention !*



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