

ALT "4"CER

"Alternatives for cereals uses in Wallonia (Belgium)"



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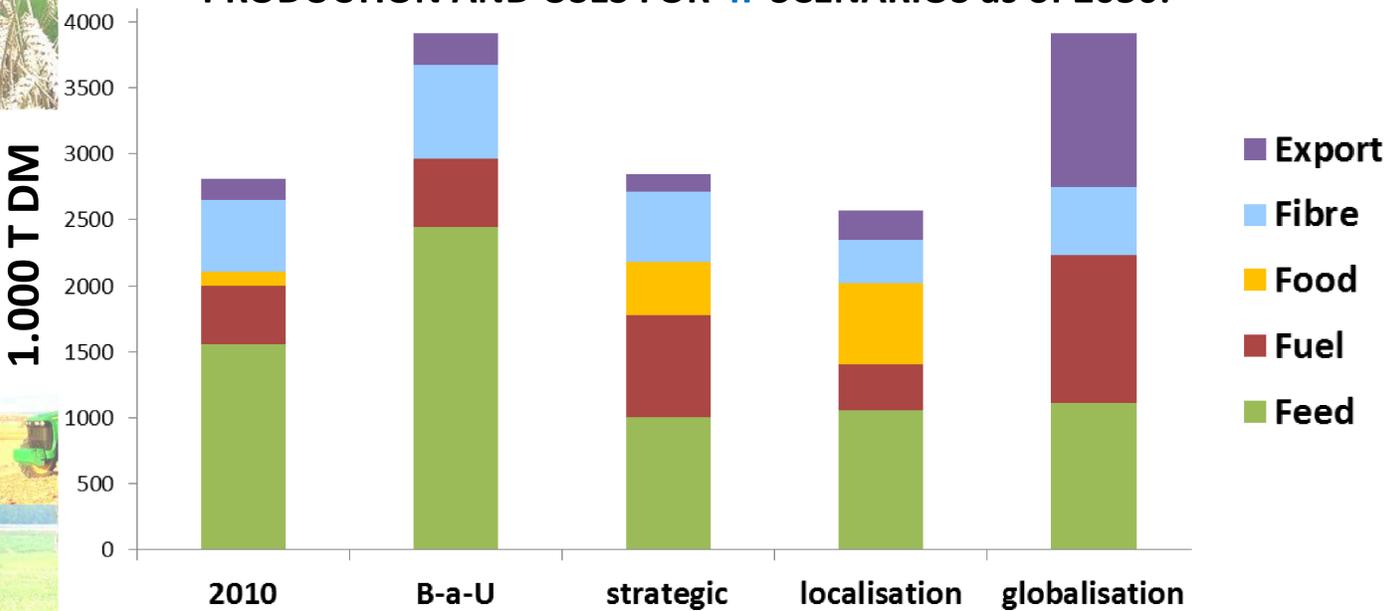


CONTEXT of cereals production in Wallonia:
Sustainable agriculture:
 New diversification – land occupation
Sustainable policy:
 new sectors and energy supply
Cereals production in Wallonia:
 50% of Belgian production
Added value:
 Conversion in Flanders → animal FEED, decrease of food use

66% of Walloon agricultural area

Search for options for more sustainable and relevant uses of cereal resources in Wallonia.

Wheat, barley, spelt, grain maize and forage maize + straw: PRODUCTION AND USES FOR 4F SCENARIOS as of 2030:



Step 1:
4F Scenarios as of 2030:
 1. Business as usual
 2. Strategic
 3. Localisation
 4. Globalisation

Step 2:
Social and Environmental Consequential LCA based on 4F scenarios:
Tools: stakeholders' involvement, local data, Simapro®

Step 3:
Multicriteria analysis with stakeholders to integrate S-LCA and E-LCA

"What type of agriculture do we want for tomorrow?
 Is it ethically, environmentally and economically sustainable to dedicate cereals resources to other uses than human food?"

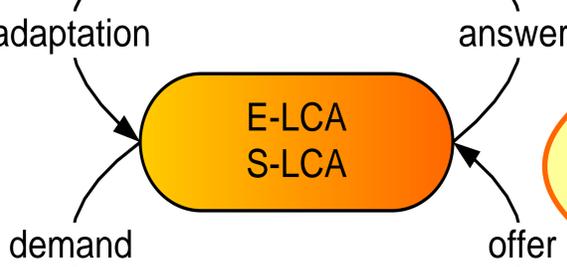
STAKEHOLDERS

questions / answers

SCENARIOS 4F

E-LCA S-LCA

LOCAL DATA



Centre wallon de Recherches agronomiques

