Water footprint and regionalization: the case study of Walloon corn

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Introduction: Databases, inventories, methodologies = black boxes?

Conclusions

- Water depletion: a lot of methods available. Each method answers a different question. Select the appropriate method depending of the question the LCA should assess is essential. More information are needed to allow not specialists LCA practitioners to select the appropriate method.
- Regionalization could have large influence on the results. The way to assess unspecified water flow has also large influence.
- Some methods such as the ILCD recommended method are implemented differently in GaBi and Simapro; the same dataset assessed with the same method could have different results. The method documentation should be clear enough to avoid different interpretation between software.

References