

How to apply the regional characterization factors for water scarcity of the Swiss Ecological Scarcity method?
Example with a case study from Power stations of GDF-Suez



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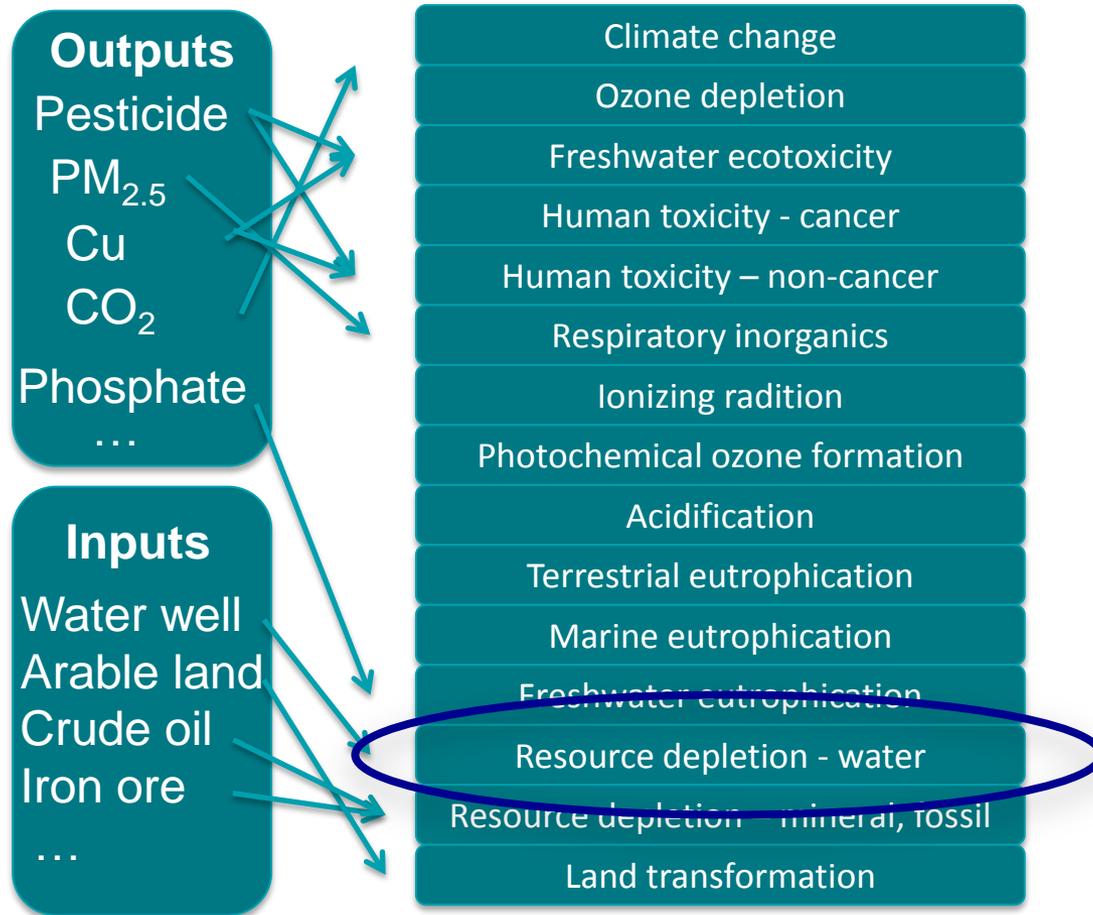
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How to consider regionalization in application?



LCIA method recommended by PEF/OEF



And hundreds more...

Challenge with application of the water indicator of Swiss Ecological Scarcity

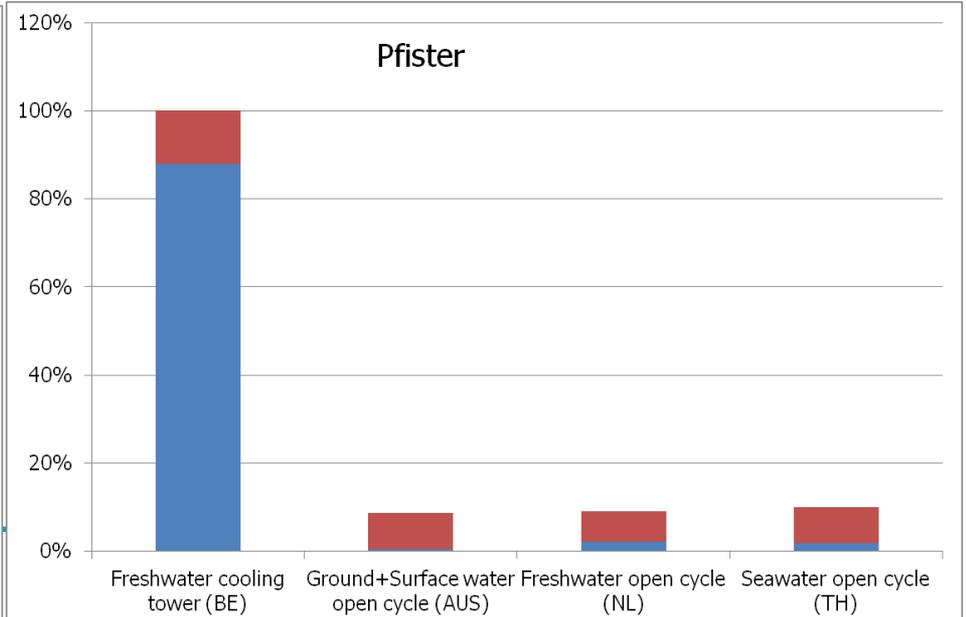
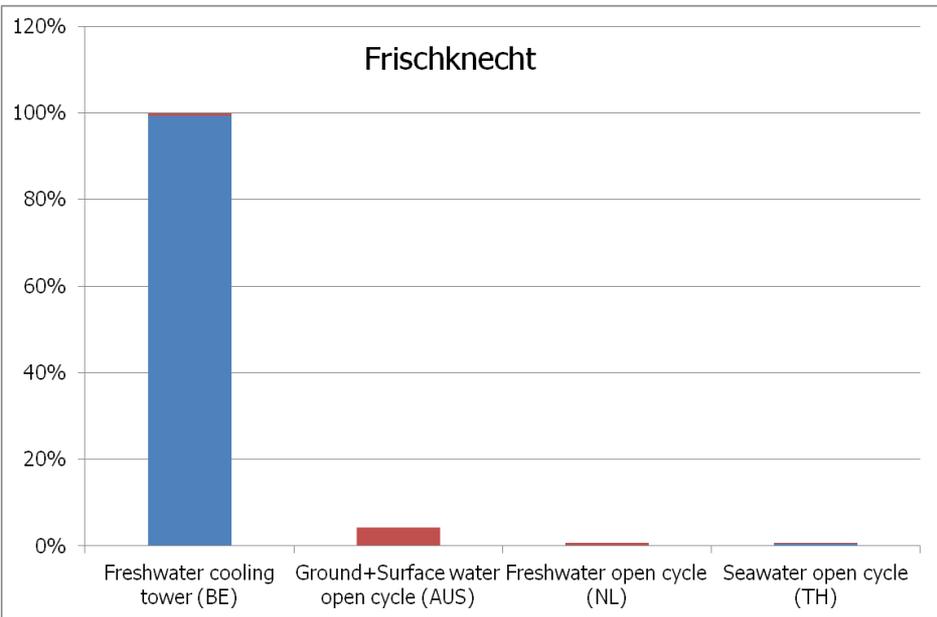
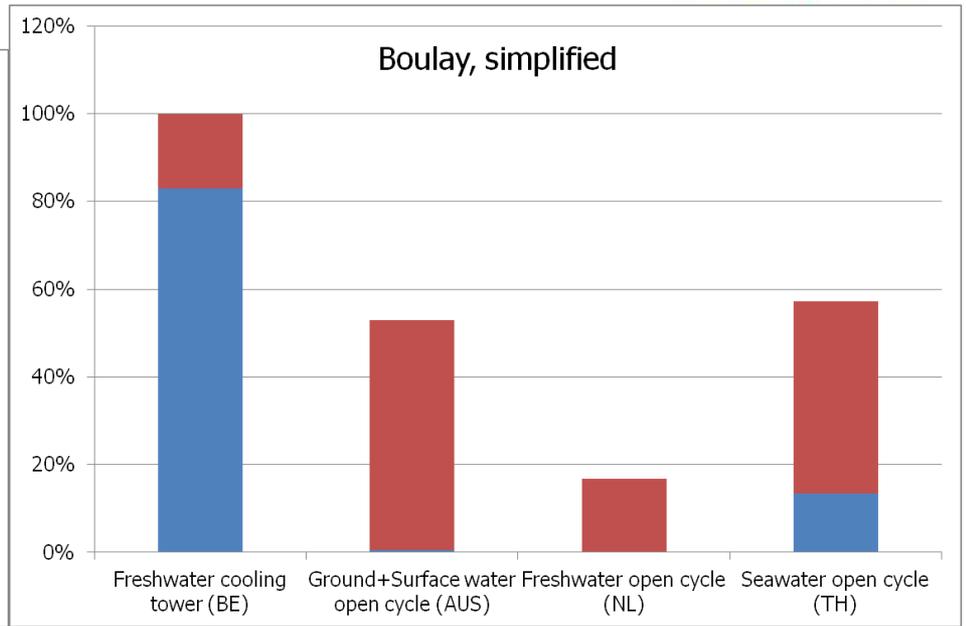
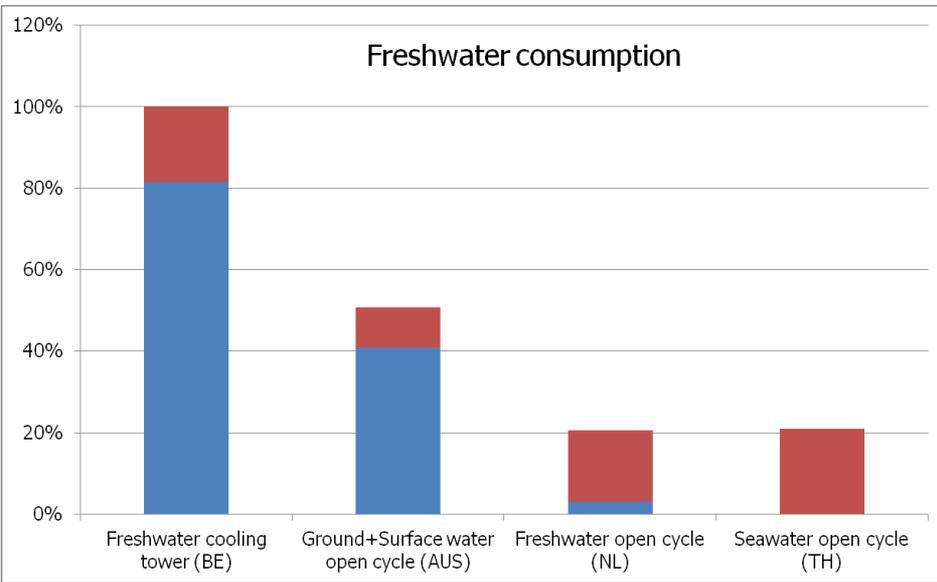
- The water indicator of Swiss Ecological Scarcity is **recommended** by the European Commission (EC) in its new Product Environmental Footprint (PEF) and Organizational Environmental Footprint (OEF)
 - One of the 14 midpoint categories of ILCD
 - Addresses the issue of water scarcity footprint
- It is the only indicator that is **regionalized**
 - Often made « generic » by consider all regions having a water stress of world average or even left « blank » in results because of the uncapacity of most practitioner to generate a regionalized indicator
 - **It's possible (and important) to do regionalization for water!**

Practical application of regionalization

- Regionalization applied in both foreground and background
- Example with a case study by GDF-Suez
 - Power plants in different countries
 - Using Quantis SUITE 2.0 and the Quantis Water Database implemented in it
 - <https://quantis-suite.com/v2013/>



The screenshot shows the login page for Quantis SUITE 2.0. It features the Quantis logo at the top left, followed by the text "Quantis SUITE 2.0". Below this, there are three input fields labeled "User", "Passphrase", and "Account". A "Login" button is positioned below the "Account" field. At the bottom right of the page, it says "Developed by Quantis".



Thank you for your attention

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