

A comparative analysis of beet sugar and cane sugar life cycles



Producers of organic beet sugar in Germany face stiff competition from abroad. Although the issue of sustainability might represent an important advantage in favor of Germany-based production, reliable, independent studies on the relative ecological and social sustainability of organic beet sugar versus imported organic cane sugar are lacking. Given this lack of reliable sources, we compared the ecological and social impact of organic, beet-sugar production at Südzucker AG to the production of organic cane sugar imported from South America.

Our services

- Selection of a South American producer of organic cane sugar
- Development of representative life cycle inventories (data inventories) for organic beet sugar produced by Südzucker AG and organic cane sugar imported from South America
- Calculation of the ecological and social impact of the two production operations (with respect to the relevant environmental-impact categories)
- Comparison of ecological and social sustainability; compilation and assessment of the results
- Documentation of the results

Client

Südzucker AG

Facts

Period 2020 - 2021

Project Country Germany

Contact persons

Dr. Andy Spörri
andy.spoerri@ebp.ch

Joséphine Zumwald
josephine.zumwald@ebp.ch