Correction to: A life cycle environmental sustainability analysis of microbial protein production via power-to-food approaches

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We found an unfortunate error in our article “A life cycle environmental sustainability analysis of microbial protein production via power-to-food approaches.” The error can be found from Table 2, where we used a reference value of water use for soybean production to compare different environmental impacts of different protein sources. The presented reference value of water use of soybean should be 630 l per kg protein instead of 0.63 l per kg protein.

Due to the error in Table 2, the text also contains an error. The error can be found from the Sect. 3.1.5. “When comparing impacts of best-case system modifications for bacterial MP produced via PtF in Cyprus to the impacts of other protein sources taken from literature (Sect. 2.2.7; Table 2), it can be seen that PtF-based MP production causes minimal environmental impacts with only the life cycle blue-water consumption being higher than that of soybean protein production.” As the water use of soybean production is significantly higher than water use of MP production, it can be stated that the MP production have minimal environmental

impacts in all studied impact categories. For other parts of the article, the error does not have an influence.

The original article has been corrected.

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