

Review statement

Third-party review of The Agrosfär climate calculation model

The Agrosfär climate calculation model has gone through a third-party revision, performed by Andreas Asker and Martyna Mikusinska, LCA experts at Sweco. The revision has had two main purposes, namely;

1. Assessment of the quality assurance process in the development of Agrosfär.
2. Verification the completeness of previously conducted audits (Excel matrices) and review whether the requirements of three methodological standards issued by The Greenhouse Gas Protocol are met.

Sweco's assessment is that throughout the process of developing Agrosfär, there has been a consensus among the involved parties on what the goal of the tool is and that the working process has been directed to achieve this. In the development process the team has consulted external experts for key issues and reconsidered its own working methods when they have not fulfilled their purposes.

The performed review confirms that the Agrosfär climate calculation model, and the methodological foundation that it is based upon, has been developed with care and good insight and understanding of relevant and applicable LCA methodology and standards.

This gives a robust foundation for calculating credible results, although quality of the results also will be affected by the quality of the specific input data of the reporting farm.

Further, the verification according to *the Greenhouse Gas Protocol corporate standard, the Agricultural Guidance* and *the Scope 3 standard* has shown that previously done audits conducted by RISE has been complete in regard to covering all the standards requirements. As Agrosfär is a tool and not a reporting company, some of the requirements in the standards are not applicable to the tool or not possible to evaluate without also evaluating user data.

Swecos assessment is that the tool complies with the standards accounting principles, but that the standard's requirements on accounting cannot be fully met without also assessing the user data. No functionality is currently included in the Agrosfär tool that supports assessment of data quality, but it is part of Agrosfärs development plan.

The tool itself is no reporting company which many of the requirements are set to address. This means that certain requirements cannot be met directly, but future development of the Agrosfär tool can be developed to guide the user in this process. The development team of Agrosfär has already taken measures to address this issue and are currently investigating how to best support users in future development of the tool. This also applies for the reporting requirements (also applicable for the Agricultural Guidance and Scope 3 standard) where the tool does not currently support a report function to address all the requirements when the accounting result is to be presented publicly. Parts of the reporting requirements are met today but this information is only available in the Agrosfär methodological report and is thus not easily accessible for the user.

Requirements of the corporate standard for setting organizational and operational boundaries (chapter 3) are met in the corporate standard. Swecos assessment is that the Scope 3 standard "setting the Scope 3 boundary" is not fully met. More specifically, the justification of excluded upstream categories needs to be further elaborated.

More details and recommendations have been delivered in a review report.



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