

Since there are no relevant changes in the basic conditions, the producers and the reference products, this review is valid for the new calculated life cycle assessment until further notice.

TRANSLATION:

The translation of this peer review is provided by *climatop* with the aim of reflecting in the most accurate way the original German text. In case of interpretation difficulties, please consult the original, valid German text.

Peer reviewer:

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Peer review of the study**Balancing of greenhouse gas emission from hand drying****Initial situation and mission**

For this project the organisation myclimate has evaluated the environmental and climate impacts of hand drying methods on behalf of Dyson. Thereby, emissions of the whole life cycle were considered. The aim of the study was to determine if hand drying with the Dyson Airblade™ hand dryer causes significantly lower climate relevant emissions than those of other comparable products available on the market, but also than those of other common hand drying methods such as the usage of paper towels or textile roller towels. In addition, products with low climate relevant emissions should also have a total environmental impact being at least not higher than the impacts of other hand drying methods. If the products from Dyson fulfil those requirements, they could be recommended for a labelling with the label climatop. The Carbotech AG was charged with the performance of a concomitant critical peer review.

Criteria and procedure of the peer review

Calculations of life cycle assessments are complex, because of the large amount of data that needs to be collected, processed and evaluated for its impacts on the climate respectively the ecosystem. A review of all data and calculations is neither usefully feasible nor reasonable, because nowadays there are large amounts of base data from renowned databases on one side and software tools on the other side that are being used for such calculations. It is admissible to rely on the calculations when using a certain selection of data and calculation methods. The experience shows that the critical points of such calculations are the definitions of the constraints, the goal of the study, the system boundaries etc. Accordingly, these points have to be checked carefully when performing a review. According to ISO 14040ff, the process of a peer review should ensure, that

- the applied methods are corresponding with the international standard,
- the applied methods are scientifically and technically sound and applicable,
- the used data are appropriate and reasonable for the aims of the study,
- the conclusions consider the goals and limitations of the study,
- the report is transparent and consistent.