

Environmental assessment of Eden Springs' European water cooler portfolio

Objective

- Eden Springs wanted to give a strong environmental message to its stakeholders on both country as well as at group level.
- The company wanted to be able to compare the environmental results in between its subsidiaries.
- The company also wanted to know what carbon footprint reduction actions to focus on.

Quantis Solution



Creation of a Eden Springs standardized LCA template inside the Quantis SUITE 2.0 software so that the data collection and input phases would be simplified



The results in between the company's subsidiaries would be comparable and show the results with both company and product distinction.

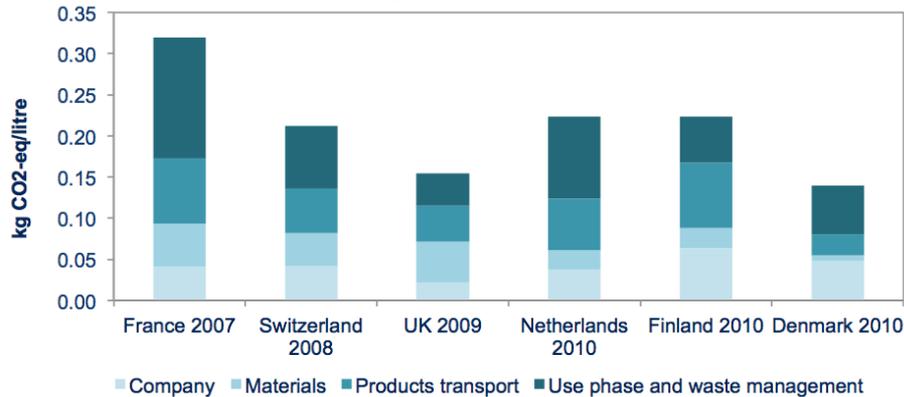
“With the results of 6 markets LCAs and thanks to the structure of the results inside the tool Quantis SUITE 2.0, we now have a great view on the most efficient actions to put in place in order to reduce our carbon footprint as well as content for a qualitative communication message”

Aude Tingueley
Marketing Manager
Eden Springs Europe SA



Results

Carbon footprint overview of the ambient/cold bottled water coolers for 6 Eden Springs markets



- Impacts per market depend on the size of the market, the amount and types of coolers in use, the average water consumption per cooler and the transport distances.
- In average, the coolers' use phase (i.e. electricity consumption) contribute to around 50% of the total impact.
- The transport (delivery of bottles, maintenance visits etc.) contribute to around 20% of the total impact.

Key findings

- The electricity consumption of the coolers is the main contributor to the environmental impact of the company and the products (about 50% in average).
- The 5-gallon plastic bottles, the coolers themselves, the transport of the water and coolers to the clients are also contributing depending on the average amount of water distributed per cooler in each market.
- Ambient/Cold coolers should be preferred to Hot/Cold coolers, mainly due to their lower use-phase electricity consumption.

Client's actions

- Product improvement by implementing energy saving functions to all new coolers.
- Implementation of a carbon offset initiative.
- International communication program with immediate positive results in terms of sales, PR and Industry recognition.