

CO₂e REDUCTION CERTIFICATE

VALORLUX ASBL **BE
THE
CHANGE** 

Active member
CO₂e reduction



Through its membership with VALORLUX a.s.b.l., which implements a system to collect and recycle packaging waste in Luxembourg,

LUNCHTIME SARL

has contributed to the reduction of 10,832 kg CO₂-equivalent in 2020.

Based on the average greenhouse gas emissions of the Luxembourgish car fleet, this corresponds to driving 67,571 km in a car.

Esch-sur-Alzette, on 22 November 2021

VALORLUX
Mr Claude TURPING
Director

Explanation of the calculation

A unique unit of measurement: the CO₂ equivalent

In addition to the most important man-made greenhouse gas, carbon dioxide (CO₂), there are other greenhouse gases such as methane or nitrous oxide. The various gases do not contribute to the greenhouse effect to the same extent and remain in the atmosphere for different periods of time. In order to make the effects of different greenhouse gases comparable, the Intergovernmental Panel on Climate Change (IPCC) of the United Nations has defined the so-called “Global Warming Potential”.

This index expresses the warming effect of a certain amount of a greenhouse gas over a set period of time in comparison to CO₂. In this way, greenhouse gases can be calculated as CO₂ equivalents. CO₂ equivalents are abbreviated with CO₂e. For example, 24 kg (electric vehicle) or 180 kg (petrol car) of CO₂-equivalent would have the same environmental impact as driving 1,000 km*.

A comparison tool

This comparison tool, based on the quantity of your packaging declared at VALORLUX, provides an estimation of the actual CO₂e emissions produced by collecting, transporting, treating and recycling packaging waste in the system set up by VALORLUX as well as by its administrative activities. From this estimated total are then deducted the CO₂e emissions related to the production of similar quantities of new packaging materials using raw material.

Thank you for your participation

By awarding you this certificate, we would like to express our appreciation for your valuable help and encourage you to continue your recycling efforts. Thanks to you, together with our other members, we have been able to generate a total reduction of **> 28,000** tons of CO₂e in **2020**.

*Method of comparison developed by ECO-Conseil S.à r.l. at the request of VALORLUX, based on 2020 as a reference year.