



Carbon neutrality declaration of Belu Water Limited in accordance with the PAS 2060 other party validation process and accompanying qualifying explanatory statements.

Carbon neutrality of Belu's organisation and supply chain **was achieved** by Belu in accordance with PAS 2060 at 31st December 2021 for the period commencing 1st January 2021, with **forward commitment to maintain** the tracking and reduction of emissions, Avieco Ltd declared.



Belu has been carbon neutral since 2006 and has been demonstrating carbon neutrality in accordance with PAS 2060 since 2012.



The organisation and supply chain carbon footprint encompass the material emissions associated with Belu's activities in accordance with the WRI Greenhouse Gas (GHG) Protocol and wider GHG accounting guidance. The WRI GHG Protocol is a best practice methodology for carbon accounting which satisfies the key criteria of relevance, completeness, consistency, accuracy and transparency and is specifically referenced as a preferred emissions accounting methodology in the PAS 2060 standard.



Product emissions were quantified for our bottled water, cooler, refillable bottle and operating filter machines, and included the full life cycle impacts of: raw materials & manufacturing; inbound transport; bottling; distribution; use; end of life.



The 2021 Belu Carbon Accounting Methodology report details the methodology and assumptions for calculating the organisational and supply chain carbon footprint but key points are set out below:



Values for emissions are presented as CO₂ equivalents (CO₂e), using Global Warming Potential (GWP) factors from the Intergovernmental Panel on Climate Change (IPCC)'s fourth assessment report, consistent with reporting under the United Nations Framework Convention on Climate Change (UNFCCC).

Emissions were calculated based on primary data from our supply chain when possible, published emission factors (primarily Defra 2021 values) and literature. The boundaries are a true and fair representation of Belu's greenhouse gas emissions and the quantified carbon footprint covered at least 95% of total emissions and includes all emission sources estimated to be more than 1% of the total organisation and supply chain carbon footprint.



The overall carbon footprint for all our bottled water products, filtration systems, office and people movements for the period 1st January 2021 to 31st December 2021 was 2,508 tonnes of CO₂e, compared to 1,407 tonnes of CO₂e in 2020. Belu delivered water with emissions of 249g CO₂e/litre, a 69% improvement compared to 2010.

The organisational footprint is responsible for less than 0.5% of our overall footprint and includes: 100% of Scope 1 (direct) emissions and Scope 2 (indirect), currently no office to report; elements of Scope 3 emissions including working from home employee commuting, hotel accommodation and business travel.

Organisational emissions in 2021 totalled 12 tonnes or 1 tonnes CO₂e/FTE. This low value reflects the fact that most staff work from home and limited business travel occurred.

2021 had a challenging start as a result of the ongoing pandemic restrictions which resulted in hospitality (Belu's largest operating marketplace) being mostly closed until May, as a result of this our total product carbon footprint reduced in 2021 by 58% due to this decrease in sales in comparison to 2019.

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This year the key drivers for our footprint reduction, beyond the impact that the pandemic has had on volumes, have been:

- Continued investment in filtration machines that enable our customers to reduce their reliance on single use bottles.
- Continuing to manufacture our drinks bottles in the UK, making the most of carbon efficient transport and logistics processes. Our lightweight ethical glass bottle is made in the north west of England, using 30% recycled cullet. Our lightweight, crushable plastic bottles are made 100% from recycled material, except the lid and label which contain virgin material. All our bottles are fully recyclable.

To further Belu's new purpose to change the way the world sees water in 2021 we invested and launched:

- A range of tonics and mixers in green glass bottles, using 70% recycled material. These bottles were also part of a government backed bio-fuel trial resulting in us being part of a collective of businesses going to market with the world's most sustainable glass bottles.
- Belu Hong Kong, not as an export opportunity for our bottled drinks, but giving hospitality businesses in Hong Kong a solution to replace their imported bottled water with a filtered water solution, Belu Filter in Action. In making this change, Belu is supporting the Hong Kong government's climate action plan. The carbon footprint for this branch is reflected in the total footprint.

The carbon offsets purchased were certified in accordance with the Verified Carbon Standard (VCS) and accordingly satisfy all of the requirements for PAS 2060 compliance.

2,508 tonnes of greenhouse gas emissions (representing the entire organisation and supply chain carbon footprint for the period 1st January 2021 to 31st December 2021), plus 4 tonnes that related to the restatement of organisational emissions in 2020 were offset through investment in BAESA Hydroelectric Project in Brazil as demonstrated by the certificates and retirement reports provided by ACT Commodities¹.

Nolan Wright, Director of Supply Chain and Operations, Belu, was the individual responsible for the evaluation and provision of data necessary for the substantiation of this declaration.



Charlotte Harrington, Co-CEO Belu Water Limited
5th April 2022



Avieco Ltd hereby validates the declaration of commitment to carbon neutrality, the declaration of achievement of carbon neutrality and the qualifying explanatory statements contained in this document.



Julie Craig, Director, Avieco Ltd
5th April 2022

¹ Serial numbers from VCS carbon offsets: 10516-225630431-225632942-VCS-VCU-1491-VER-BR-1-10-0101 2015-31122015-0