

BELU

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 31 December 2016 for the period commencing 1 January 2016, **with commitment to maintain to** 31 December 2017, Anthesis Consulting Group PLC declared.



Belu is a UK based bottled water company. It is a not for profit, pioneering social enterprise that always champions the environmental benchmark. It is the exclusive bottled water partner of WaterAid having contributed over £1.5M to date with a minimum commitment of £100,000 per year.



The organisation and supply chain carbon footprint covers all of Belu's activities – enabling a comprehensive understanding of the greenhouse gas emissions for which our organisation is responsible. The precise boundaries of the organisation and supply chain carbon footprint are detailed in the [Impact Report 2017](#) but cover:

- raw materials;
- inbound transport;
- bottling;
- distribution;
- use phase;
- end of life,

together with the footprint of our corporate offices.



The organisation and supply chain carbon footprint (and the reductions in the organisation and supply chain footprint per litre as compared to previous years) were calculated in accordance with *The Greenhouse Gas Protocol*. This is the *de facto* best practice methodology for carbon accounting which satisfies the key criteria of *relevance, completeness, consistency accuracy* and *transparency* and is a preferred PAS 2060 methodology. The methodology was applied in compliance with its provisions and the principles set out in PAS 2060.



The Impact Report¹ details the methodology and assumptions for calculating the organisation and supply chain carbon footprint but key points are set out below:

- all greenhouse gases were included and converted into tCO₂e;
- 100% of Scope 1 (direct) emissions were included;
- 100% of Scope 2 (indirect) emissions were included;
- where estimates were used for quantification these were determined in a manner that precluded underestimation;
- the quantified carbon footprint covered at least 95% of total emissions and covers all emission sources estimated to be more than 1% of the total organisation and supply chain carbon footprint; and
- the boundaries are a true and fair representation of Belu's greenhouse gas emissions.

Belu has been carbon neutral since 2006 and has been demonstrating carbon neutrality in accordance with PAS2060 since 2012.



¹ Further details are available from Nolan Wright, Head of Operations, Belu.

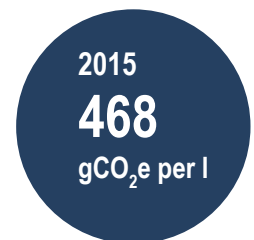
Belu has an **annual reduction target of 5%** for the gCO₂e per litre metric. Reductions in our carbon footprint per litre have been achieved through a combination of the following:

- completion of the transition to lighter 330ml glass bottles;
- shifting the bottling of all products to a more energy-efficient plant;
- an increase in the proportion of rPET bottles sold vs glass bottles.



The organisation and supply chain carbon footprint for January 2016 to December 2016 is compared against the same footprint for the previous 2015 reporting year. Our total organisation and supply chain footprint has reduced by 4% from the previous 2015 reporting year, alongside an increase in production of 6% and a slight decrease in sales of 1% (both based on litres of product).

Our total organisation and supply chain carbon footprint has been increasing since 2010 - a reflection of the fact we are a growing brand and a successful business with rapidly growing trading revenues – but the growth in our total carbon footprint has been halted in 2016, even though our sales sustained 2015 levels. **Our carbon intensity (CO₂e per litre of product sold) has reduced by 45% since 2010, including an 8% reduction between 2015 and 2016.**



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

5,900 tCO₂e (representing the entire organisation and supply chain carbon footprint for the period January 2016 to December 2016) are offset through investment in the Gold Standard project Rural Households Water Purification Project in Kenya (Gold standard ID 886; 2,950 tCO₂e via Carbon Clear; credits generated in 2012, retired on 25th January 2017) and the VSC project Song Ong Small Hydro in Vietnam (VCS project ID 836; 2,950 tCO₂e via the South Pole Group; credits generated in 2010 with 3 retirement dates: 30th June 2016, 3rd October 2016 and 22nd December 2016), as demonstrated by the certificates and retirement reports provided by Carbon Clear and the South Pole Group.

Nolan Wright was the individual responsible for the evaluation and provision of data necessary for the substantiation of this declaration.

28/07/2017

Karen Lynch, CEO Belu Water Limited

Anthesis Consulting Group PLC 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.

28/07/2017

Debbie Hitchen, Associate Director, Anthesis Consulting Group plc

