

Carbon neutrality statement 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 2017 for the period commencing 1 January 2017, with commitment to maintain to 31 December 2018, Anthesis Consulting Group PLC declared.



Belu is an ethical water company supplying mineral water in bottles, filtration systems and carafes to the HORECA sector in the UK. It is a not for profit, pioneering social enterprise that always champions the environmental benchmark. It is the exclusive water service partner of WaterAid, passing 100% of its profits to the charity, contributing over £3M to date.

The organisation and supply chain carbon footprint covers all Belu's activities (excluding filtration systems and reusable bottles) – 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 2018](#) and 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 PAS 2060 since 2012.

¹ Further details are available from Sophie Goodall-Smith, Sustainability Manager, Belu, sophiegs@belu.org

Belu had an **annual reduction target for 2017 of 5%** for the gCO₂e per litre metric. Reductions in our carbon footprint per litre in 2017 have been achieved through a combination of the following:

- continued collaboration with distribution partners to improve efficiency of our distribution process through increased use of back-haulage
- more efficient manufacturing processes and an improvement in use of renewable energy at our production site through the installation of additional photovoltaics
- reduction in raw materials through further light-weighting of rPET bottles
- improved efficiency of inbound transportation
- updates to national greenhouse gas emission factors (for example, decarbonisation of the UK national electricity grid through a shift towards a lower carbon energy mix)



2017
5,712t
CO₂e

2016
5,900t
CO₂e

The organisation and supply chain carbon footprint for January 2017 to December 2017 is compared against the same footprint for the previous 2016 reporting year. Our total organisation and supply chain footprint has reduced by 3% from the previous 2016 reporting year, alongside a slight reduction in production of 1% and an increase in sales of 36% (both based on litres of product).

Our total organisation and supply chain carbon footprint has increased by 74% since 2010 - a reflection of the fact we are a growing brand and a successful business with production and sale volumes increasing threefold. In comparison to 2014, however, the footprint has decreased by 6% despite a production increase of 12% and sales increase of 58%. **Our carbon intensity (CO₂e per litre of product sold) has reduced by 50% since 2010, including an 8% reduction between 2016 and 2017.**

2017
398g
CO₂e per
litre

2016
433g
CO₂e per
litre

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.

5,712 tonnes of greenhouse gas emissions (representing the entire organisation and supply chain carbon footprint for the period January 2017 to December 2017) are offset through investment in the Paradigm Water Purification Project in Kenya (2,856 tonnes via Carbon Clear, February 2017) and the Song Ong Hydropower Project in Vietnam (2,856 tonnes via South Pole, February 2018), as demonstrated by the certificates and retirement reports provided by Carbon Clear and South Pole².

² All retirement reports are available from https://mer.markit.com/br-reg/public/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&entity_domain=MarkitGoldStandard. Enter the following serial numbers into the search box: Carbon Clear - GSI-I-KE-GS966-I6-2014-4722-60528 to 64262; South Pole Group - 2288-9553454I-95535I74-VCU-009-MER-VN-I-836-0I0I20I0-3I1220I0-0, 2289-95550043-95550980-VCU-009-MER-VN-I-836-0I0I20I1-280220I1-0, 2289-9555098I-9555I9I5-VCU-009-MER-VN-I-836-0I0I20I1-280220I1-0, 2289-9554880I-95549I04-VCU-009-MER-VN-I-836-0I0I20I1-280220I1-0 & 2289-95549I05-95550042-VCU-009-MER-VN-I-836-0I0I20I1-280220I1-0

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



23/05/2018

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.



14/06/2018

Debbie Hitchen, Associate Director, Anthesis Consulting Group plc