KNOWING OUR FOOTPRINT: JOHNIE WALKER
A comparison of water and carbon footprints

<table>
<thead>
<tr>
<th>Beverage</th>
<th>Volume</th>
<th>CO₂ grams</th>
<th>Water litres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johnnie Walker</td>
<td>25ml</td>
<td>30</td>
<td>15</td>
</tr>
<tr>
<td>Coffee</td>
<td>125ml</td>
<td>60</td>
<td>140</td>
</tr>
<tr>
<td>Wine</td>
<td>125ml</td>
<td>140</td>
<td>110</td>
</tr>
<tr>
<td>Orange juice</td>
<td>250ml</td>
<td>160</td>
<td>250</td>
</tr>
<tr>
<td>Milk</td>
<td>250ml</td>
<td>325</td>
<td>255</td>
</tr>
<tr>
<td>Cola</td>
<td>330ml</td>
<td>170</td>
<td>20</td>
</tr>
<tr>
<td>Mineral water</td>
<td>330ml</td>
<td>140</td>
<td>7</td>
</tr>
</tbody>
</table>

Notes:
- Numbers are generic and illustrative - based on publicly available and/or internal sources (not based on third party LCA)
- Ordered by volume of beverage
Using renewable energy
At our Roseisle distilleries in Scotland, where we make whisky for Johnnie Walker, we generate up to 50% of our energy requirements from renewable sources through using by-products from the distilling process. This is helping to save the same amount of carbon as generated by 2,000 cars per year.

Working with farmers
We are committed to working with farmers around the world to help optimise how they grow our raw ingredients. For instance, using the right amounts of fertiliser can reduce the carbon footprint of barley and wheat by 20%.

What can you do
Globally, on average, only 1 in 3 glass bottles ends up being recycled. Raising this to 2 in 3 could reduce Johnnie Walker’s carbon footprint by as much as 10%. Working with our suppliers we have increased the recycled content of Johnnie Walker bottles by 35% over the past three years.
Helping farmers use water wisely
Growing a tonne of barley can require up to 1,000,000 litres of water. That is nearly 1/2 of an Olympic swimming pool. Recognising that climate change will impact crop production, we are committed to working with farmers around the world to help improve water efficiency.

As a company our 2020 targets include:
A 50% improvement in our water use efficiency

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Using less water
Using water recovery technology at our Cameronbridge distillery in Scotland, we are able to recover up to 30% of the water used in the distilling process. Over one year, this is enough water to fill 210 Olympic swimming pools.

What can you do
An average household tap releases six litres of water a minute. When washing your whisky glass, by turning the tap off and using a plug in the sink you can help to reduce the water used by up to half.

OUR FOOTPRINT

91% of our water usage is for growing the barley and wheat.

<table>
<thead>
<tr>
<th>Raw ingredients</th>
<th>Packaging</th>
<th>Production</th>
<th>Transport</th>
<th>Retail and consumer</th>
</tr>
</thead>
<tbody>
<tr>
<td>91%</td>
<td>2%</td>
<td>2%</td>
<td>0%</td>
<td>5%</td>
</tr>
</tbody>
</table>

REDUCING OUR FOOTPRINT

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A 50% improvement in our water use efficiency

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15 litres
It takes 15 litres of water to make a single measure of our whisky – that’s less than a sixth of the water used to make a glass of wine, and a quarter of the water used in an typical shower.

600 litres
It takes 600 litres of water to make a 1litre bottle of our whisky – that is about the same as the water needed to produce 500ml of orange juice or used in 8 baths.
How we calculated the data and how to use it

- The information presented within this document does not represent a full, third-party or peer-reviewed life-cycle assessment. Whilst a life-cycle approach has been adopted, only two environmental impacts (GHG emissions and water) were considered.

- The purpose of this document is to provide environmental information which is both accessible and relatable. The information is not designed to be used for making direct comparisons with competitive products or in communications that inform or incite purchasing decisions.

- The illustrative examples used within this document are designed to be generic and non-attributable.

- Information contained within this document has been informed by publicly available sources that are believed to be credible. Every attempt has been made to ensure the data is accurate. Given the approximation used within the assessment - data within the document is rounded to the nearest relevant unit.

- Use of the data contained in this document is strictly at the discretion and the responsibility of the reader.

- Diageo and its advisers are not liable for any loss or damage arising from the use of the information in this document.

For further information and for the full methodology statement: please contact Diageo at sustainability@diageo.com.
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