

## **John Dewar and Sons Limited**

### **Strategic report for the year ended 31 March 2021 (continued)**

#### **Environmental report**

We have considered the recommendations of the Financial Stability Board's Task Force on Climate-related Financial Disclosures (TCFD) when preparing this report. These recommendations encourage businesses to increase disclosure of climate-related information, with an emphasis on financial disclosure. John Dewar and Sons Limited supports these recommendations and are committed to disclosing the relevant information which can be found below.

#### **Strategy**

During the year 1st April 2020 to 31st March 2021 the company carried out the following: replacement where required of heat exchangers, pumps, pipework lagging. More so over FY21 the company has laid down many foundations for making future performance improvements for Net Zero by Three Zero, including:

- Replacing heavy fuel oil as back up at Aberfeldy and Royal Brackla with LPG and longer term, when available, this supply will be from renewable "bio-LPG" sources
- Submitted an Expression of Interest in the Acorn Hydrogen project
- Carried out further ESOS style energy surveys
- Invested in carbon off-set HFO
- Investigating green gas contracts
- While JDSDL work on reducing energy consumption and all emissions in the long term, in the short term the company look to invest in carbon capture projects in Scotland to offset any remaining future emissions

Over the years, significant steps involving substantial resources have been taken by the company to both reduce energy consumption and greenhouse gas emissions, the most significant of these being installation of biomass boilers to reduce reliance on heavy fuel oil at 2 of the energy intense, distillery sites. Continuous improvement measures include optimising process efficiencies, acting on recommendations from energy studies, replacing equipment with more efficient models, installation of invertors and maximising heat recovery. Since 2016 all JDSDL sites have been on REGO sourced electricity supplies.

During the year 1st April 2020 to 31st March 2021 John Dewar and Sons Limited (JDSDL) total gross greenhouse gas emissions were 24,667 tonnes (2020: 26,792 tonnes) Carbon Dioxide equivalent and our total energy consumption over this period was 160,144,189 KWH (2020: 175,257,847). Of this energy (scope 1, 2 and transport) 43.8% was from renewable supplies (all electricity and biomass).

JDSDL has committed to be "Net Zero by Three Zero", aiming to achieve the target ahead of the Net Zero legislation deadlines.

For reporting of intensity figures in addition to the litres of alcohol measure at the distillation sites, the other production unit applicable to the company is 9 litre case equivalents, used to reference bottling manufacturing output. As part of Bacardi Limited the parent company website contains additional information on environmental and sustainability commitments ([www.BacardiLimited.com](http://www.BacardiLimited.com)).

## John Dewar and Sons Limited

### Strategic report for the year ended 31 March 2021 (continued)

#### Streamline Energy and Carbon Reporting

Summary of scope 1 (direct) greenhouse gas emissions for the year ended 31 March 2021:

Name	2021 KWH	2021 CO2e (tonnes)	2020 KWH	2020 CO2e (tonnes)
Emissions from combustion of gas	80,017,243	14,686	86,260,746	15,859
Emissions from combustion of fuel for transport purposes	9,377,205	2,522	7,834,681	2,098
Emissions from combustion of Biomass	41,472,230	641	49,553,345	775
Emissions from combustion of Propane	160,673	34	132,343	28

Summary of scope 2 (indirect) greenhouse gas emissions for the year ended 31 March 2021:

Name	2021 KWH	2021 CO2e (tonnes)	2020 KWH	2020 CO2e (tonnes)
Emissions from purchased electricity	28,687,615	6,688	30,644,009	7,833

Summary of scope 3 (other indirect) greenhouse gas emissions for the year ended 31 March 2021:

Name	2021 KWH	2021 CO2e (tonnes)	2020 KWH	2020 CO2e (tonnes)
Emissions from business travel in employee-owned vehicles where the company is responsible for purchasing the fuel	50,588	13	214,707	66
Transport fuel consumption	378,635	83	618,016	133

Summary of energy consumption for the year ended 31 March 2021:

Name	2021 KWH	2021 CO2e (tonnes)	2020 KWH	2020 CO2e (tonnes)
Total	<u>160,144,189</u>	<u>24,667</u>	<u>1,785,257,847</u>	<u>26,792</u>

## John Dewar and Sons Limited

### Strategic report for the year ended 31 March 2021 (continued)

#### Intensity ratio

$\frac{3}{4}$  Energy from renewables (biomass + REGO backed sources of electricity) = 43.8 (2020: 45.8)

During the year ended 31 March 2021 this was 0.0007980 kgCO<sub>2</sub>e/litre of alcohol (2020 - 0.0007862kgCO<sub>2</sub>e/litre of alcohol).

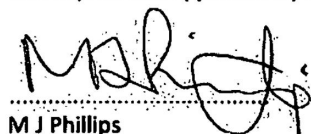
During the year ended 31 March 2021 this was 0.0031688 kgCO<sub>2</sub>e/9 litre case equivalent (2020 - 0.0025725 kgCO<sub>2</sub>e/9 litre case equivalent).

#### Post balance sheet events

##### *Tails Limited*

Subsequent to the year-end, in the financial year 2022, the assets of Tails Limited (a company 100% owned within the Bacardi Group structure) transferred into the ownership of the Company. The transferred assets consisted of raw materials, liquid and finished goods stocks. Under the terms of the transfer, the Company has also assumed operational responsibility for the production and supply of Tails brand products. The Company holds no rights to the Tails Brand equity, with Brand ownership being retained elsewhere in the Bacardi Group.

This report was approved by the board on 29/11/21 and signed on its behalf by:



M J Phillips  
Director