# **Enterprise of the Future**

Science and ESG Accelerating our Transformation

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## **Important information**



#### Forward-looking Statements (continued)

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#### Additional information

Our vapour product Vuse (including Alto and Vibe), and certain products including Grizzly, Granit, Camel Snus, Velo and Kodiak, which are sold in the U.S., are subject to FDA regulation and no reduced-risk claims will be made as to these products without agency clearance.

Our products as sold in the US, including Vuse, Velo, Grizzly, Kodiak, and Camel Snus, are subject to FDA regulation and no reduced-risk claims will be made as to these products without regulatory clearance.

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## Committed to Building A Better Tomorrow<sup>™</sup>



#### **Our Purpose**

To reduce the health impact of our business



#### **Our Commitment**

To provide adult consumers with a wide range of enjoyable and less risky products

To encourage smokers to switch completely to scientifically-substantiated reduced-risk alternatives\*

\* Based on the weight of evidence and assuming a complete switch from cigarette smoking. These products are not risk free and are addictive.

## **Delivering Our Purpose is Transforming BAT**





#### Building A Better Tomorrow<sup>™</sup>

\*Beyond refers to Wellbeing & Stimulation Beyond Nicotine. Target market for consumer acquisition is existing adult smokers/nicotine/beyond nicotine users.

#### Most of the Harm from Tobacco is caused by Combustion Not Nicotine





It's the other chemical compounds in tobacco, and in the smoke created by setting tobacco on fire, that directly and primarily cause the illness and death, not the nicotine.

> DR. SCOTT GOTTLIEB US FDA COMMISSIONER (JULY 2017)

Royal College of Physicians



Nicotine without smoke Tobacco harm reduction A report by the Tobacco Advisory Group of the Royal College of Physicians Nicotine is not...a highly hazardous drug. The main culprit is smoke and, if nicotine could be delivered effectively and acceptably...without smoke, most, if not all, of the harm of smoking could probably be avoided

> UK ROYAL COLLEGE OF PHYSICIANS Nicotine without smoke: Tobacco harm reduction (2016)

April 2016

## Tobacco Harm Reduction recognised in Policy and Regulation in a number of countries



"The closer the risks and exposures from the Reduced Risk Products are to cessation ...the more confident a regulator can be in the chances for net public health benefit"\*



2001 2007 2012



\*From US Institute of Medicine: Scientific Standards for Studies on Modified Risk Tobacco Products 2012. Other reports highlighted: Clearing the Smoke (nih.gov) 2001 and Evidence-Based Medicine and the Changing Nature of Health Care: 2007 IOM

#### **Key enablers of Tobacco Harm Reduction**





#### Tobacco Harm reduction is at the heart of our ESG strategy

## **Our Strategy Starts with the Consumer**





#### A Unique Consumer-Centric Multi-Category model

## A Large, Growing Harm Reduction Opportunity





#### Working for A Better Tomorrow<sup>™</sup> for 1.1bn Smokers

2025 estimate based on company data. Industry Incidence Study & BAT internal estimates, excluding India and China \*\*Total Non-Combustibles Net Consumers excludes-Poly users to avoid doublecounting. Poly-usage across non-combustible products. \*\*\* Non-Combustible consumer definition. See Appendix A2. ^ BAT share of revenue and consumers as a % of 2020 industry estimates

#### Strong, Global, Scientifically-Substantiated Brands in All Three Categories





Share positions based on value share of vapour and volume share of THP and Modern oral. Vuse brand represents c. 80% of FY20 vapour revenue. Continue to migrate remaining Vype brands during 2021. Velo brand represents over 50% of FY20 Modern Oral markets. Continue to migrate remaining EPOK, LYFT brands during 2021.

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# Underpinned by World-Class Capabilities in Science and Innovation





Accelerating our transformation through attracting new talent from a wide range of industries

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#### Evaluated Using a Multi-Disciplinary Risk Assessment Framework





#### Most of the Harm from Tobacco is caused by Combustion Not Nicotine\*



#### TOBACCO & COMBUSTION

NO\_COMBUSTION

#### Our Non-Combustible Products are proven to produce far less toxicants<sup>1</sup>

1 Relates to standard reference cigarette. \*As stated by: Dr. Scott Gottlieb US FDA Commissioner (July 2017), and UK Royal College of Physicians, Nicotine without smoke: Tobacco harm reduction (2016)





- **Largest published dataset on a single vapour product (ePen)**
- **First and most comprehensive analysis**<sup>1</sup> of e-cigarette aerosol
- Our scientific data is published in 71 peer-reviewed manuscripts
- **Evolved design** with enhanced device, battery and nicotine salts supporting consumer safety and satisfaction
- **Pilot launches of age verification technology in H1 '21**



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# Growing Consensus on Harm Reduction vuse Potential of Vaping Products



ASH (Action on Smoking & Health)<sup>1</sup> Public health charity

> "Compared to tobacco products, electronic cigarettes are significantly safer"

#### PUBLIC HEALTH ENGLAND<sup>2</sup>

"Our new review reinforces the finding that Vaping is at least 95% less harmful<sup>1</sup>...and of negligible risk to bystanders"

#### UK HOUSE OF COMMONS SCIENCE & TECHNOLOGY COMMITTEE<sup>3</sup>

"E-cigarettes present an opportunity to significantly accelerate already declining smoking rates"

"They are substantially less harmful - by around 95% than conventional cigarettes. They lack the tar and carbon monoxide of conventional cigarettes the most dangerous components"

#### GOVERNMENT OF CANADA<sup>4</sup>



"Switching from tobacco cigarettes to vaping products will reduce a person's exposure to many toxic and cancer-causing chemicals"

## NEW ZEALAND

"Smokers switching to vaping products are highly likely to reduce their health risks and for those around them"

1. ASH Briefing Note. 2. 2018: John Newton, Director for Health and Improvement. 3. Seventh Report of Session July 2017. 4. Supporting the Sustained Transition of Smokers of Conventional Cigarettes to Vaping Products - CIHR (cihr-irsc.gc.ca) 2019. 5. Position statement on vaping | Ministry of Health NZ 2020

# Reduction in Toxicant Exposure Similar to vuse Cessation





Cooney s. The Science of Potentially Reduced Risk Tobacco and Nicotine Products. Asian College of Neuropsychopharmacology 12 October 2019

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### **Given Serving Consensus on Harm Reduction Potential of THP products**



Public Health England

Compared to cigarette smoke, heated tobacco products are likely to expose users and bystanders to lower levels of particulate matter and harmful and potentially harmful compounds



#### Food and Drug Administration

These particular products could help addicted adult **smokers transition away** from combusted **cigarettes** and **reduce** their exposure to **harmful chemicals** 

2020

2017

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# UK Committee

It is **likely** there is a **reduction in risk**, though not to zero, for health for smokers who switch completely to **heat-notburn** tobacco products

#### Federal Institute for Risk Assessment

2018

The herein confirmed **reductions** of **relevant toxicants** by about **80-99%** are substantial

#### National institute for Public Health & the Environment

2019

The use of Heated Tobacco Products is harmful to health, but probably less harmful than smoking tobacco cigarettes



#### 9 Biomarker of Potential Harm Responses Similar to Cessation



Magnitude of change relative to cessation 🧧 glo

Nathan Gale, BSc, Michael McEwan, PhD, Oscar M Camacho, MSc, George Hardie, MSc, James Murphy, PhD, Christopher J Proctor, PhD. Changes in Biomarkers of Exposure on Switching From a Conventional Cigarette to the glo Tobacco Heating Product: A Randomized, Controlled Ambulatory Study. Nicotine & Tobacco Research, Volume 23, Issue 3, March 2021, Pages 584–59.

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## Snus is much lower risk than smoking\*





\* Use of Swedish Snus is not a risk factor for oral cancer and no association has been established with neck, oesophagus and gastric cancer. \*\*WHO-International Agency for Research on Cancer's World Cancer Mortality Database, Age standardised mortality rate per 100,000, extracted 2013.



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### Velo has Much Lower Toxicant Levels than Snus

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Assessment of 9 chemicals the WHO recommends to reduce in cigarette smoke<sup>1</sup> vs. cigarette and Snus As measured by independent lab

1. D.M. Burns et al.; Tob. Control, 17 (2008), pp. 132-141; 2 Approximate reduction. Comparison based on an assessment of smoke from a scientific standard reference cigarette (approximately 9mg tar) and components released during use of a commercial Snus pouch and a Velo pouch, in terms of the average of the 9 harmful components the World Health Organisation recommends to reduce in cigarette smoke.

#### Extensive Scientific Substantiation support our products as Reduced Risk\*





1. ePod and ePen3 compared to a reference cigarette. 2 Compared to a reference cigarette. \*Based on the weight of evidence and assuming a complete switch from cigarette smoking. These products are not risk free and are addictive. Our products as sold in the US, including Vuse, Velo, Grizzly, Kodiak, and Camel Snus, are subject to FDA regulation and no reduced-risk claims will be made as to these products without regulatory clearance.



# How New Category Products should be Regulated







**Proportionate regulation** 



Freedom to innovate



Engagement, dialogue & communication



**Responsible marketing freedoms** 



#### Consumer Choice & Freedom

## Harm Reduction is the Cornerstone of our **Comprehensive ESG Strategy**





#### Creating value for all our stakeholders



50 million consumers of non-combustible\* products by 2030

£5bn New Category **Revenue in 2025** 





Eliminate unnecessary singleuse plastic & all plastic packaging recyclable hy 2025\*\*

## **Building on Strong ESG Foundations**





Named in Dow Jones Sustainability Indices for 19 consecutive years In 2020 was once again the only tobacco company in prestigious DJSI World Index

# Focused on Delivering Value for all our Stakeholders



# **Shared Value**



## **Our Shared Value Strategy in Action**





## **Embedded in How We Think and Operate**



	MARKETING	LEX*	OPERATIONS	R&D	HR	FINANCE	IDT
H			Reducing the	e health impact of	our business		
			Climate change			Climate change	Climate change
E			Water and waste			financial disclosures	
	)		Sustainable agriculture	Leaf R&D			Sustainable agriculture
		Circula	reconomy				
			n rights KBP vaccines		People & culture		
			Farmer livelihoods	development	<b>Diversity &amp; inclusion</b>		Farmer livelihoods
-			Health & safety		Gender pay		
	Responsible	e marketing			Executive	Tax transparency	
$\overline{\mathbf{C}}$		Regulation			remuneration	IR/Shareholder/	Cyber security
		Data privacy			Workforce engagement	Insurer engagement	
		Stakeholder	engagement				
				<b>Business ethics</b>			

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## With Clearly Defined Targets<sup>^</sup>



ŀ	Reducing the <b>HEALTH</b> impact of our business	<ul> <li>50m non-combustible product* consumers by 2030</li> <li>£5 billion New Category revenue by 2025</li> </ul>
	Excellence in ENVIRONMENTAL management	<ul> <li>Carbon neutral: Scope 1 &amp; 2 by 2030; Scope 3 by 2050</li> <li>35% reduction in water withdrawn by 2025<sup>1</sup>; 30% increase in water recycled<sup>1</sup> by 2025</li> <li>100% sustainable wood for tobacco curing<sup>2</sup>; 100% renewable electricity by 2030<sup>3</sup></li> <li>100% of plastic packaging reusable, recyclable or compostable by 2025</li> <li>Eliminate unnecessary single-use plastic packaging; Zero waste to landfill by 2025<sup>3</sup></li> </ul>
	Delivering a positive <b>SOCIAL</b> impact	<ul> <li>Zero child labour and forced labour by 2025<sup>4</sup></li> <li>100% suppliers subject to human rights due diligence<sup>5</sup></li> <li>Enhance farmer livelihoods through good agricultural practices and higher productivity</li> <li>Zero accidents group-wide</li> <li>Increase women to 45% of management roles by 2025</li> </ul>
	Robust corporate GOVERNANCE	<ul> <li>100% Standards of Business Conduct adherence</li> <li>100% Youth Action Prevention Guidelines adherence</li> <li>SoBC Lobbying and Engagement Policy adherence</li> </ul>

^ See Appendix A1 for further details on ESC targets. \* Non-combustible consumer definition. See Appendix A2. 1 Against 2017 baseline. 2. by our contracted farmers.. 3. in our operations sites 4. in our tobacco supply chain; child labour definition based on ILO definition. 5. All our product materials and high-risk indirect service suppliers (non-agricultural suppliers) to have undergone at least one independent labour audit within a three-year cycle by 2025

## **E** Accelerating our Transformation: Excellence in Environmental Management



		2017	2020	
	Carbon neutral - Scope 1 & 2 by 2030	<b>864</b> ('000 tonnes)	541	(- <b>37.4</b> %)
WATER	35% reduction in water withdrawn by 2025 <sup>1</sup>	<b>5.19</b> (mn cubic me	<b>4.03</b> etres)	(- 22.5%)
BIODIVERSITY & AFFORESTATION	100% sustainable wood for tobacco curing <sup>2</sup>	99%	99%	
VASTE	100% of plastic packaging reusable, recyclable or compostable by 2025	Data not available	<b>82</b> %	



## Good progress on Scope 1 & 2 Emissions





#### Carbon Neutral Scope 1 & 2 by 2030



## Working Closely with Our Partners to Reduce Scope 3 Emissions

% carbon emissions in supply chain



#### **Carbon Neutral Scope 3 by 2050**

See Appendix A1 for further details on ESG targets. \*Other Scope 3 includes capital goods, use and disposal of sold products, end of life treatment, and other categories including transportation, business travel and commuting \*\*Upgrading curing barns to automated 'loose leaf' models can enable at least a 30% reduction in fuel use. These innovative curing technologies have now been introduced to our contracted farmers in five countries.

## S Accelerating our Transformation: Delivering a Positive Social Impact



2017

2020

			2017	2020	
Q	HUMAN RIGHTS	Zero child labour by 2025 <sup>1</sup>	Data not available	<b>0.5%</b> <sup>2</sup> (98.5% resolved)	
<u> </u>	HUMAN RIGHTS	100% of suppliers subject to human rights due diligence <sup>3</sup>	46%	100%	
<b>X</b>	HEALTH & SAFETY	Zero accidents group-wide	284	142 (- 50%)	
<sup> </sup> ×	PEOPLE & CULTURE	Increase women to 45% of management roles by 2025	34%	38% (+4pp)	

See Appendix A1 for further details on ESG targets. 1. in our tobacco supply chain 2. % of farms with incidents of child labour identified 3. All our product materials and high-risk indirect service suppliers (non-agricultural suppliers) to have undergone at least one independent labour audit within a three-year cycle by 2025

## Human Rights Strategy aligned with UN Guiding Principles





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#### **Comprehensive Approach to Eliminate Child Labour in Leaf**





1 Our field technicians visit our contracted farmers approximately once a month during the growing season. 2. % of farms with incidents of child labour 3. Based on number of child labour incidents identified (proportion reported as resolved). Reported via our Thrive assessments covering BAT-contracted farmers and farmers contracted to our strategic third-party suppliers, representing more than 80% of our total tobacco leaf purchases in 2020

## **Protecting Human Rights in our Non-Leaf Supply Chain**





## **G** Accelerating our Transformation: Robust Corporate Governance



			2017	2020	
1	BUSINESS ETHICS	100% Standards of Business Conduct (SoBC) adherence	<b>100%</b> (employee tra	<b>100%</b> aining)	
	RESPONSIBLE MARKETING	100% Youth Action Prevention Guidelines adherence	<b>N/A</b> (markets align	<b>100%</b> ned)	
<b>     - X</b>	REGULATION & POLICY ENGAGEMENT	SoBC Lobbying and Engagement Policy adherence	incorporate	for Engagem ed into a new ement Policy	
	DISCLOSURE FRAMEWORKS	Fully align our disclosures with key frameworks; with TCFD by 2022	GRI 🗸	SASB 🗸 GRI 🗸 WEF 🗸	

See Appendix A1 for further details on ESG targets.

### **Continuously Strengthening Our Business Conduct & Compliance**



2021/22



### Ensuring Responsible Marketing Directed at Adult Smokers





#### Youth Access Prevention (YAP)



í	Mandatory	provision	of	point-of-sale
	materials*			

Monitored through internal audit, and overseen by Audit Committee



 $\checkmark$ 

Only partner with **3<sup>rd</sup> parties** where vast majority of **audience** is **adult** 

#### H1 '21 Vuse Age-Verification Pilots



## Our Integrated Approach to ESG Contributes Directly to the UN Sustainable Development Goals





## **Creating Value for all Stakeholders**





CREATING SHARED VALUE FOR OUR STAKEHOLDERS ISN'T JUST THE RIGHT THING TO DO, IT MAKES SOUND BUSINESS SENSE AND IS CENTRAL TO OUR STRATEGY TO DELIVER A BETTER TOMORROW J

## **Delivering Our Purpose is Transforming BAT**





#### Building A Better Tomorrow<sup>™</sup>

\*Beyond refers to Wellbeing & Stimulation Beyond Nicotine. Target market for consumer acquisition is existing adult smokers/nicotine/beyond nicotine users.

### Appendix

#### **A1: Environmental Targets**



Targets cover: climate change, water and waste, sustainable agriculture, human rights, other Social targets, and Governance targets. Full details are available from the ESG Report <a href="https://www.bat.com/group/sites/UK\_9D9KCY.nsf/vwPagesWebLive/DOAWWEKR/\$file/BAT\_ESG\_Report\_2020.pdf">https://www.bat.com/group/sites/UK\_9D9KCY.nsf/vwPagesWebLive/DOAWWEKR/\$file/BAT\_ESG\_Report\_2020.pdf</a>.

#### A2: Non-Combustible consumers

The number of consumers of Non-Combustible products is defined as the estimated number of Legal Age (minimum 18 years, US: 21 years) consumers of the Group's Non-Combustible products. In markets where regular consumer tracking is in place, this estimate is obtained from adult consumer tracking studies conducted by third parties (including Kantar). In markets where regular consumer tracking is not in place, the number of consumers of Non-Combustible products is derived from volume sales of consumables and devices in such markets, using consumption patterns obtained from other similar markets with consumer tracking (utilising studies conducted by third parties including Kantar).

The number of Non-Combustible products consumers is used by management to assess the number of consumers regularly using the Group's New Category products as the increase in Non-Combustible products is a key pillar of the Group's ESG Ambition and is integral to the sustainability of our business.

The Group's management believes that this measure is useful to investors given the Group's ESG ambition and alignment to the sustainability of the business with respect to the Non-Combustibles portfolio.