British American Tobacco Balance Sheet Up in Smoke





CASE STUDY

VALUATION MASTER CLASS

For over 100 years, British American Tobacco has been the leading brand in cigarettes

★ But now, as smoking rates decline, BAT is betting on a bold new future



Andrew Stotz, PhD, CFA

This is not a recommendation or investment advice.

For over 100 years, British American Tobacco has been the leading brand in cigarettes

- ★ What are they doing?
- ★ Well, it starts with them writing down about a quarter of their asset value on the balance sheet
- ★ More on that in a bit



Welcome to this...



Click the link in the description to grab my Top 500 Global Companies Cheat Sheet



Valuation Master Class

- ★ British American Tobacco's response to falling smoking rates
- ★ Assess the effectiveness of British American Tobacco's competitive advantage
- ★ Evaluate British American Tobacco's potential using my cheat sheet for assessing any stock's attractiveness



Andrew Stotz, PhD, CFA

And you can get that Cheat Sheet and this presentation for free by clicking on the link in the description

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Is British American Tobacco Going Up in Smoke?



What is the company's background?
What is its competitive strategy?
Does that strategy lead to a competitive advantage?
What does the valuation look like?

A leading name in the global nicotine industry

- ★ British American Tobacco is one of the world's largest producers of tobacco and nicotine products
- It operates in over 180 countries with a portfolio of traditional tobacco products and newer reduced-risk products
- ★ It holds the 2nd largest global market share of 21% in the cigarette industry



Nicotine is a highly addictive chemical present in tobacco leaves

- Nicotine triggers the release of dopamine, a "feel-good" chemical, creating feelings of pleasure and relaxation
- ★ Over time, the brain adapts, requiring larger doses to achieve the same effects, creating a cycle of craving and use
- ★ British American Tobacco generates billions by innovating and diversifying nicotine products



81% of revenue from combustibles, cigarettes and cigars that release nicotine through burning



CASE STUDY VALUATION MASTER CLASS by Market Class by Market Class by Market Class Case Chart Class

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12% of revenue from new products: Vapour – Ecigarettes heat liquid to produce nicotine vapour



Vapour

This is not a recommendation or investment advice.

Sources: bat.com



12% of revenue from new products: Heated – Heat, rather than burn tobacco to get nicotine







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Vapour

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12% of revenue from new products: Modern orals – Tobacco-free nicotine pouches

Products





Modern Orals



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Sources: bat.com

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5% from traditional orals, made from fermented or processed tobacco leaves inhaled or snorted





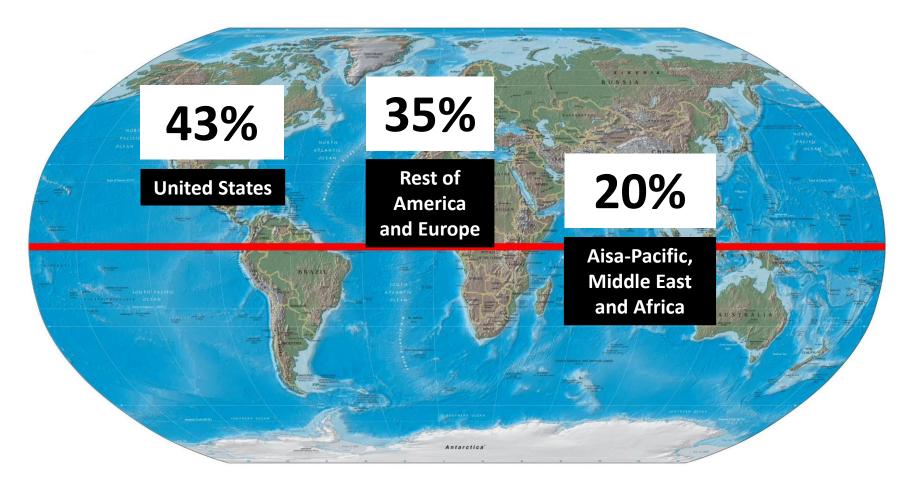


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Sources: bat.com

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Strong US premium demand and combustibles growth in Japan, Korea, and the Middle East



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Sources: tradingview.com

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INVESTMENT RESEARCH 1902: BAT was formed as a JV between Imperial Tobacco (UK) and American Tobacco (US)





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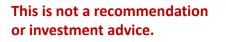
This stopped each from competing in their respective markets

In 1907 the US gov't charged American Tobacco Co. with being a monopoly

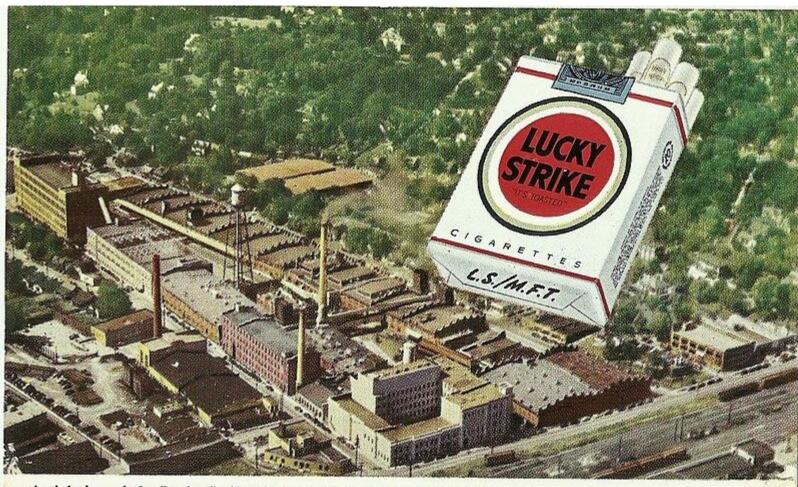


Aerial view of the Lucky Strike cigarette plant, Durham, North Carolina

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In 1911, the Supreme Court dissolved American Tobacco for monopolistic practices



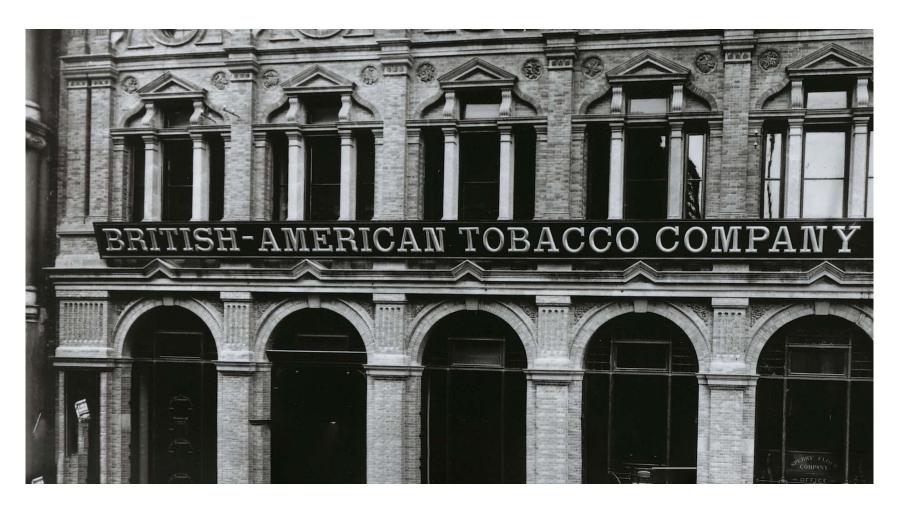
Aerial view of the Lucky Strike cigarette plant, Durham, North Carolina

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1911: American Tobacco was forced to divest its BAT shares, making BAT independent





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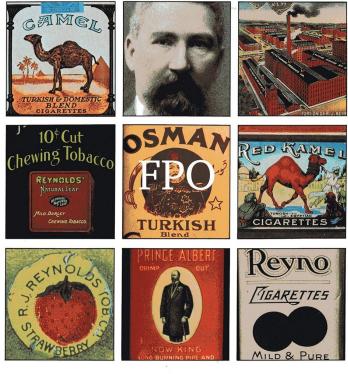
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Sources: bat.com

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American Tobacco was also forced to sell its shares in R.J. Reynolds after 1911





NANNIE M. TILLEY

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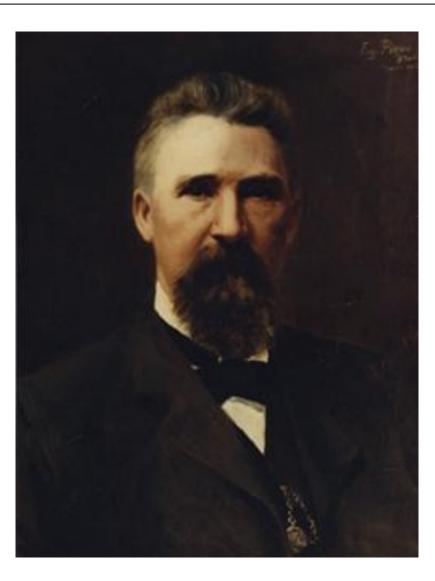
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Richard Joshua Reynolds founded R.J. Reynolds in 1875





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He was forced into American Tobacco in 1899

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After gaining independence in 1911, R.J. Reynolds

- ★ Introduced Camels, revolutionizing the market
 - Blended smooth tobacco, low-cost, convenient, and marketed for mass appeal
- ★ In 1954, launched Winston, the first filtertipped cigarette
- ★ 1989: Merged with Nabisco to form RJR Nabisco; then split in 1999



After gaining independence in 1911

★ In 1999, Brown & Williamson merged with R.J. Reynolds to form Reynolds American Inc. (RAI); BAT retained a 42% stake



In 2004, BAT privatized ETI SpA (Europe's secondlargest tobacco company)



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- Ente Tabacchi Italiani ETI S.p.A (Italian Tobacco Company)
- This helped to secure leadership in the European market

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In 2017, BAT bought the remaining 58% of RAI, gaining full ownership



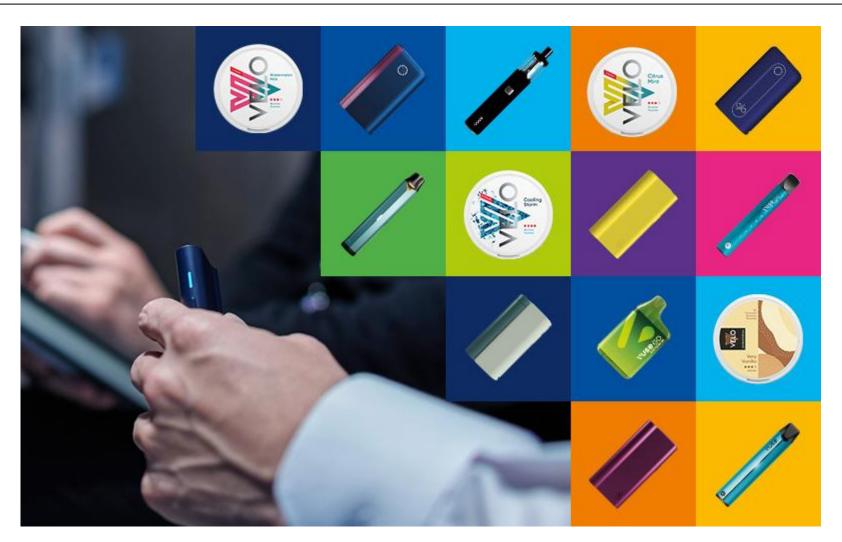
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Andrew Stotz, PhD, CFA

- Becoming the world's largest listed tobacco company
- Today, the company operates under BAT

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2020: Investment in Reduced-Risk Products like vaping devices and nicotine pouches





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This shift reflects BAT's commitment to consumer health and responding to the evolving preferences of adult nicotine users

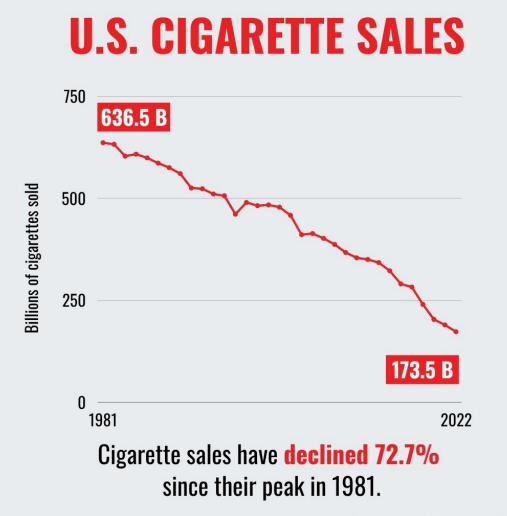
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Like all cigarette makers, British American Tobacco faces a major challenge



Source: Federal Trade Commission

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cigarettes, is in long-term

Their core product,

decline

- ★ In 2023, BAT acknowledged this challenge with a significant impairment charge, writing down the value of its US operations
- They also decided to amortize their US cigarette brands over no more than 30 years, signaling uncertainty about their long-term viability



At the end of 2023, BAT took a GBP27bn charge that reduced total assets by 23%

- ★ 41% of that was a GBP11bn write-down of its Newport brand
- ★ 21% came from a GBP5.7bn hit to Camel
- ★ 16% came from a GBP4.3bn write-down of the Reynolds American Goodwill
- ★ And finally, 13% of that was a GBP3.5bn writedown of Pall Mall



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- A growing number of adult smokers are transitioning to smokeless alternatives such as vapour products, heated products, and modern oral nicotine
- British American Tobacco has played a key role in this industry transformation through its multi-category strategy, designed to meet the evolving preferences of adult consumers while driving business growth



BAT's 3 leading smokeless brands have generated over US\$3bn in revenue within a decade







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 BAT is committed to building a smokeless world by encouraging smokers to switch to smokeless alternatives

However, these products face significant scrutiny regarding their safety

- ★ Governments are imposing strict regulations like flavor bans, packaging rules, and high taxes on nicotine products
- ★ BAT faces rising competition from grey market sales, especially in the US and EU, where illegal vapes and counterfeits undermine growth
- ★ Traditional tobacco products enjoy strong brand loyalty built over decades, but new categories lack this loyalty

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Recap: What is the company's background?

- British American Tobacco remains heavily reliant on its combustible products
- It is investing to build a smokeless future, the transition remains gradual, with sticky customers



Is British American Tobacco Going Up in Smoke?



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British American Tobacco - US - 1902

Cons. staples industry, 46,000+ employees, US\$34bn revenue

Main segments/products/divisions

- New categories (vapour, heated products, modern oral)
- Traditional orals
- Combustibles

Its competitive advantage

Competitive advantage through strong brand portfolio, geographic diversification, regulatory pricing power and Innovation in reduced-risk products

How it achieved its competitive advantage

Achieved by transitioning to a dual product company in traditional and new categories, addiction-driven customer loyalty, economies of scale, and operational efficiency

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BAT leverages its cigarette brands to maintain market dominance and strong cashflows



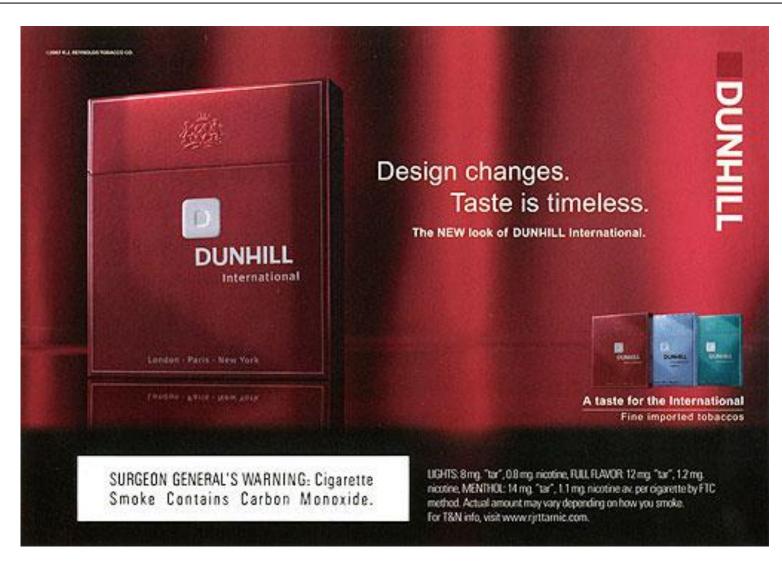


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While also investing heavily in reduced-risk products to meet evolving consumer demands and regulatory trends

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Iconic brands like Dunhill, Lucky Strike, and Pall Mall enjoy strong consumer loyalty





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 BAT invests in targeted marketing campaigns, especially for premium and innovative products, to sustain brand equity

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Sources: bat.com

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BAT's strong brand image lets it increase prices for premium products

- ★ British American Tobacco raised prices across key markets to counter declining volumes, achieving a 4% organic price/mix growth in 2024 despite a 7% volume drop
- ★ In the UK, following a government duty hike in 2024, BAT adjusted prices, pushing the cost of a 20-pack to £17 from £15



Sustainability vision of "A Better Tomorrow"



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BAT emphasizes
 environmental and social
 responsibility, aiming for
 carbon neutrality across
 operations by 2030

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Sources: bat.com

An ESG champion

- ★ <u>S&P Global (2023)</u>: Scored 81/100; hence in Dow Jones Sustainability Index for 22 years
- ★ <u>CDP (2023)</u>: A- in Climate Change, Water Security, and Forests assessments
- ★ ISS ESG (2024): Awarded Prime Status, indicating strong ESG performance
- ★ <u>Sustainalytics</u>: Scored 30.3 (high risk), ranked 208th out of 574 in the tobacco industry
- ★ <u>Refinitiv (2023)</u>: Scored 91/100, 3rd in the FTSE 100 and top in global food and tobacco



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The ESG paradox

or investment advice.

- ★ Governments penalize BAT for harmful products, yet impressive ESG performance
- ★ Gov't taxes tobacco to deter use, but BAT earns praise for emissions cuts
- ★ Smoking is condemned, yet BAT is celebrated for corporate responsibility
- ★ BAT's harmful products are vilified, but sustainable packaging gets applause
- ★ Harming health, yet praised for protecting the



Recap: What is its competitive strategy?

- BAT's strong brand image allows it to raise prices on premium products
- Its investment in non-smoking alternatives drives growth
- ESG rewards for compliance to scorecards



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Is the company financially world class?



I use my World Class Benchmarking scorecard to measure if a company has a competitive advantage



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This is not a recommendation or investment advice.

I developed this scorecard ten years ago; here's how we construct it

- My team gathers the yearly and quarterly financial data of 26,000 companies worldwide
- We then calculate each company's Profitable
 Growth score
 - Which is a composite measure of both profitability and growth



I developed this scorecard ten years ago; here's how we construct it

- ★ After that, we rank the company relative to sector peers of similar size
 - A decile ranking of 1 or 2 is financially world class, while 10 is the worst
- ★ We assess the company's performance over the prior four years and the past 12 months (PTM)



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Is the company financially world class?

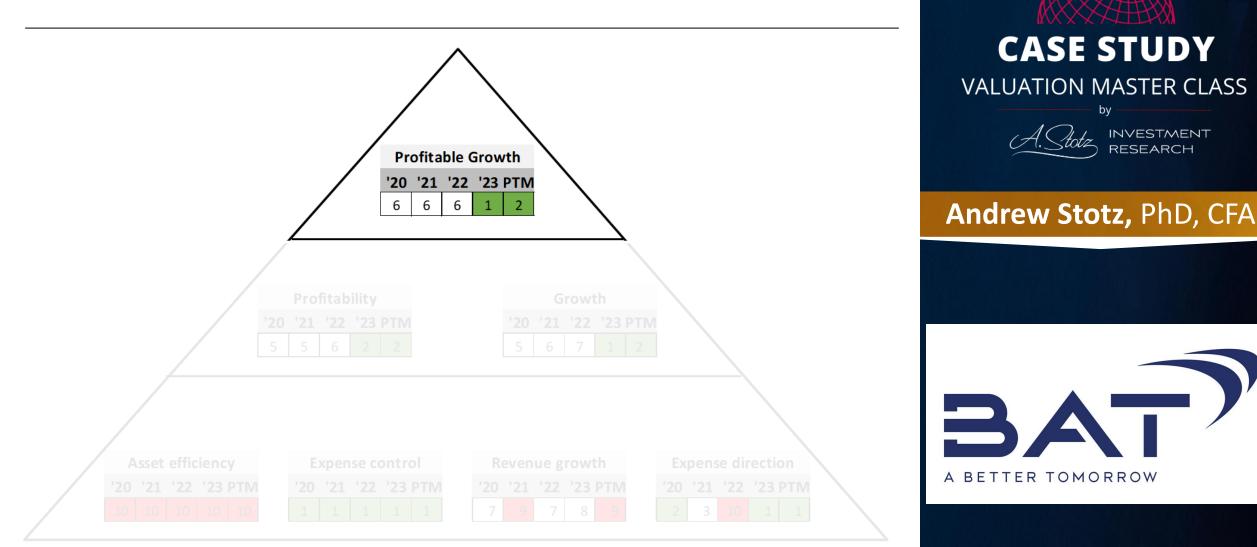
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Sources: bat.com

BAT: A. Stotz Profitable Growth

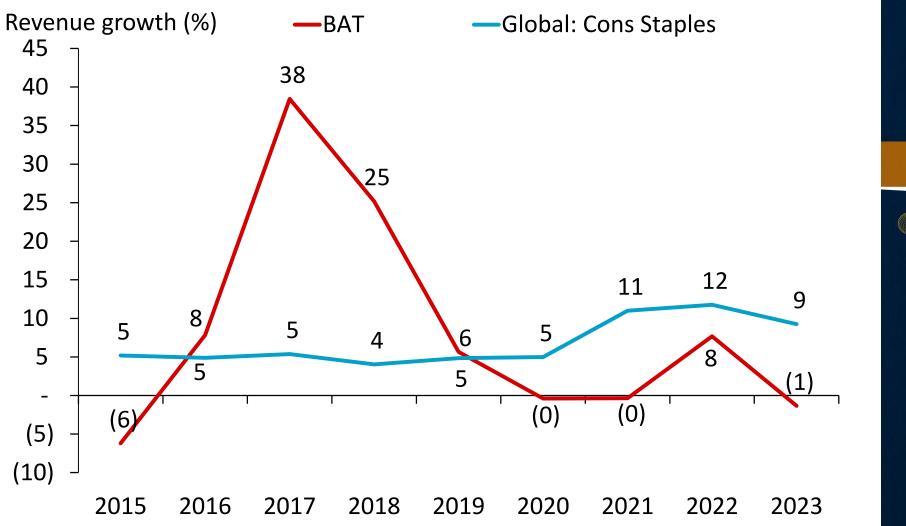


Benchmarked against 550 large Cons. Staples companies worldwide.

This is not a recommendation or investment advice.

Sources: A. Stotz Investment Research. Notes: 1 = top ranking and 10 = worst. Most recent year's data is based on the past 12 months (PTM) of published data.

Revenue growth has been underperforming the global sector average in recent years



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The 2017 surge came from the US\$49bn acquisition of remaining 58% of Reynolds American Inc. (RAI)

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Recap: Does its strategy lead to a competitive advantage?

Partially

•

BAT has shown profitable growth in recent years, according to our scorecard



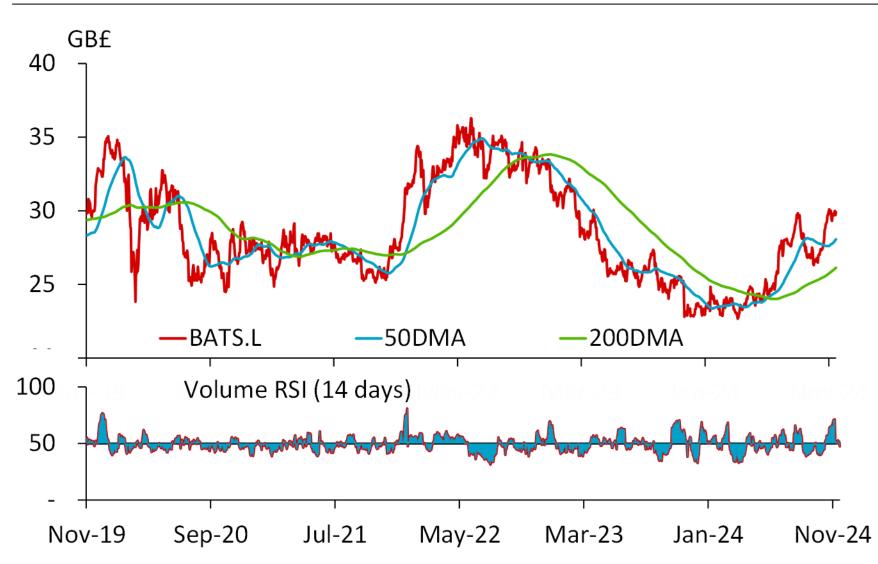
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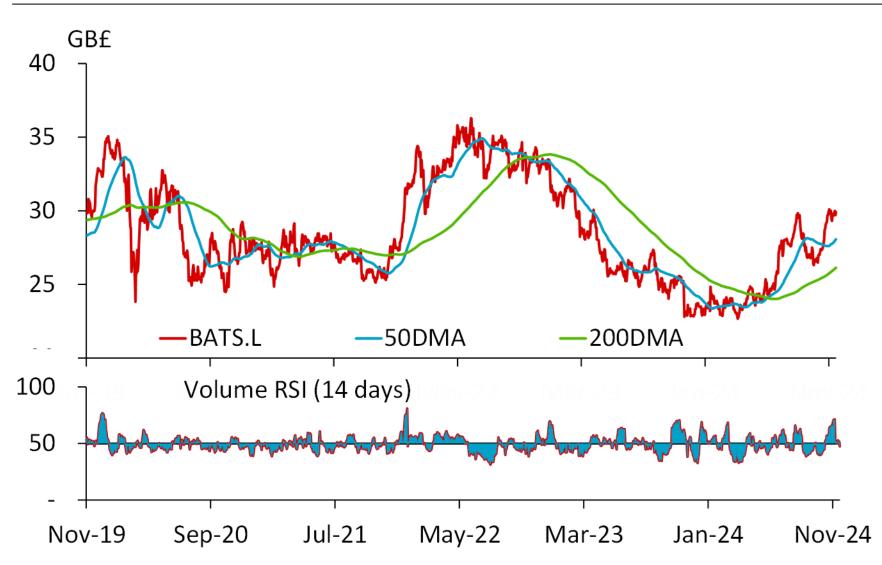
The chart shows a positive trend reversal with rising momentum and volatility



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Recent trends show recovery with the short-term average surpassing the long-term



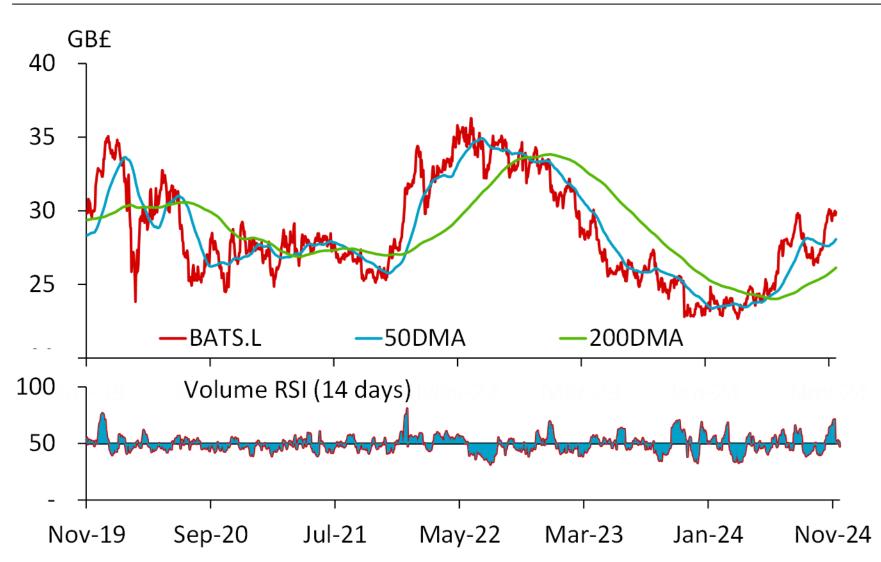
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Sources: A. Stotz Investment Research, Refinitiv

Volume RSI spikes signal intense market activity during price swings



This is not a recommendation or investment advice.

Sources: A. Stotz Investment Research, Refinitiv



I use my FVMR methodology to determine the attractiveness of the company



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Net profit margin (NPM) Return on assets (ROA)

INVESTORS

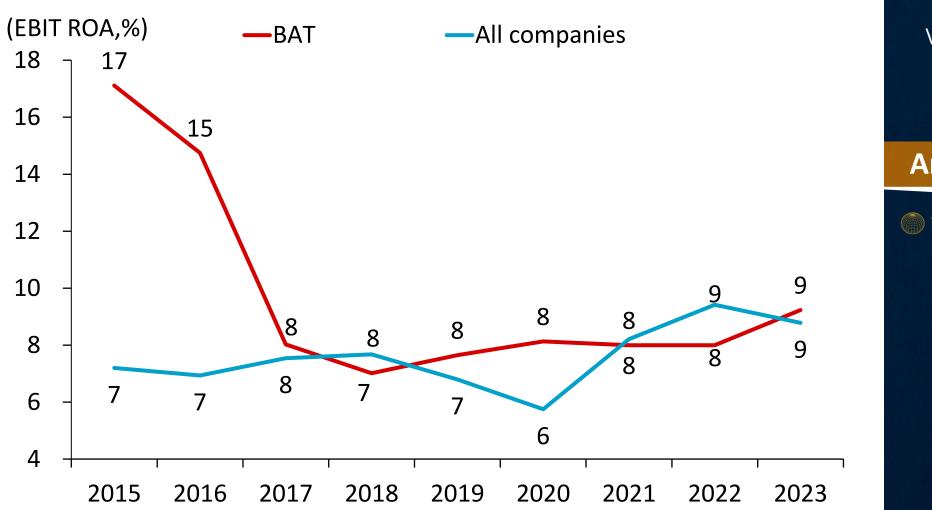
EARNINGS

FUNDAMENTALS





EBIT ROA is in line with 10,000 globally



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The company has also benefited from cost-cutting initiatives and operational efficiencies

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EARNINGS

Price-to-earnings (PE) Price-to-book value (PB)

ANN STATISTICS

INVESTORS

VALUATION

VYR



EPS growth (EPS)

AN AN ANA CENTENNE

INVESTORS

% Price change (Price*)

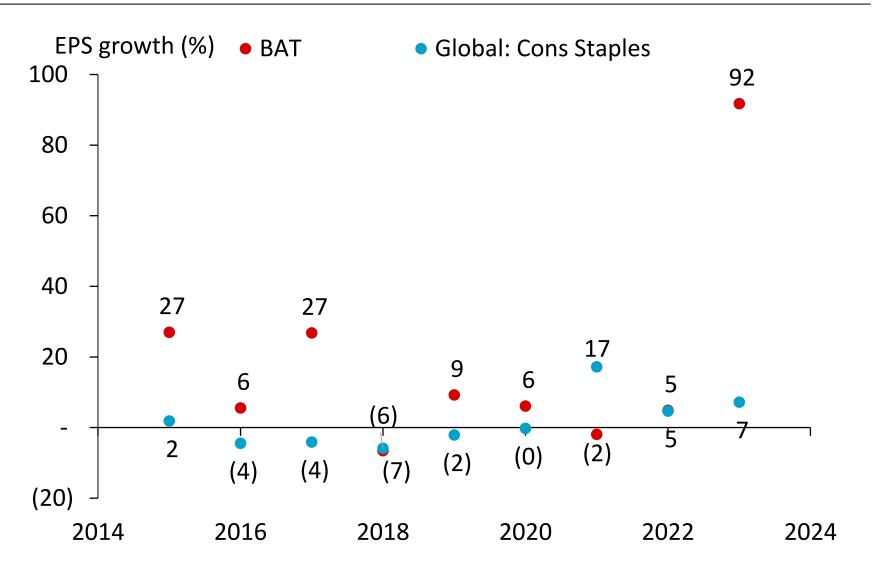
EARNINGS

MOMENTUM

MOMENTUM

PRICE

EPS CAGR of 5% from 2015-2023, 5 ppts above the global industry average



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Sources: A. Stotz Investment Research, Refinitiv

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by

Andrew Stotz, PhD, CFA

INVESTMENT



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Sources: bat.com

Let's take a look at the abbreviated FVMR Scorecard of British American Tobacco



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Relatively cheap 1.3x price-to-book value after its asset write down

A. Stotz FVMR Methodology - Cons. Staples: Food, Bev. & Tob.

		Мсар	Fund. (%)		Valuation (x)		Momo (% chg)		Risk (x)	
Company	Exchange	US\$bn	NPM	ROA	PE	PB	EPS	Price*	NDE	Beta*
Cons. Staples: Food, Bev. & Tob.		2,419	18.9	12.7	23.4	6.0	(4.3)	1.6	(0.0)	0.3
Coca-Cola Co	USA	275.0	22.4	10.5	26.4	10.4	(2.9)	(10.4)	1.1	0.1
Kweichow Moutai Co Ltd	China	270.9	49.1	30.9	23.4	9.0	16.1	17.3	(0.2)	0.5
Nestle SA	Switzerland	221.9	12.2	8.5	17.2	5.9	17.9	(14.8)	1.4	0.3
PepsiCo Inc	USA	218.0	10.2	9.6	23.3	11.2	13.2	(10.4)	1.9	0.2
Philip Morris International Inc	USA	197.5	26.3	15.3	20.1	nm	22.5	1.9	(4.8)	(0.7)
Altria Group Inc	USA	93.2	42.7	28.2	9.1	nm	20.8	4.5	(6.9)	(0.8)
Mondelez International Inc	USA	83.8	10.6	5.3	21.9	3.0	(15.8)	(15.8)	0.7	0.2
British American Tobacco plc	UK	83.7	(52.8)	(10.3)	nm	1.3	(258.8)	0.7	0.5	(0.5)
Wuliangye Yibin Co Ltd	China	81.2	36.8	21.3	16.5	4.5	19.0	33.9	(0.8)	1.0
Diageo PLC	UK	72.6	19.1	8.4	18.8	7.2	(11.7)	2.1	2.0	0.9
Nongfu Spring Co Ltd	НК	54.7	28.3	25.9	31.3	15.1	29.8	28.6	(0.7)	2.4
Monster Beverage Corp	USA	51.5	21.7	17.9	32.1	8.9	5.3	6.0	(0.4)	0.6
Danone SA	France	46.4	3.7	2.2	43.4	2.5	(23.2)	(0.6)	0.6	0.2
Keurig Dr Pepper Inc	USA	45.9	15.0	4.4	20.1	1.8	20.4	(8.7)	0.5	0.4
Constellation Brands Inc	USA	43.5	5.7	2.3	75.0	5.5	(61.4)	(4.9)	1.3	0.3
Heineken NV	Netherlands	42.5	3.4	1.9	36.4	2.0	(58.3)	(15.4)	0.9	0.3
Kraft Heinz Co	USA	38.2	5.2	1.5	27.8	0.8	(54.0)	(10.4)	0.4	0.3
Hershey Co	USA	37.2	16.2	15.0	21.0	8.9	(17.7)	(7.3)	1.1	(0.0)
Foshan Haitian Flavouring and Food	(China	37.1	23.2	17.3	43.4	9.5	3.9	34.8	(0.9)	0.8
General Mills Inc	USA	36.7	12.1	7.7	15.3	4.0	2.4	(9.5)	1.3	(0.2)
Coca-Cola Europacific Partners PLC	USA	36.5	8.4	5.4	20.8	4.0	(5.2)	(1.9)	1.3	0.8
Shanxi Xinghuacun Fen Wine Factory	/ China	35.3	33.8	27.9	20.5	8.3	18.6	36.2	(0.3)	0.9

Sector data is market cap weighted. *Price change and beta over the past three months as of 12 December 2024

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Sources: A. Stotz Investment Research LSEG., Refinitiv

The scorecard ranking should not be seen as investment advice, do your own research.



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 Low valuation metrics like negative NPM and ROA
 Negative EPS growth

Relatively cheap 1.3x price-to-book value after its asset write down

- ★ Click the link in the description to get the Abbreviated FVMR Scorecard for the world's top 500 companies
- ★ Drop your email and you will receive the updated FVMR scorecard in your inbox every week



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Recap: What does the valuation look like?

 Relatively cheap 1.3x price-to-book value after its asset write down



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