INDEPENDENT RESEARCH

25th November 2016

Brewers

FV EUR109 AB INBEV BUY vs. 120 ABI BB Reuters ABI.BR Bloomberg EUR96,96 Price High/Low 123.25/95.43 Market cap EUR164,177m Enterprise Val EUR250,392m EV/EBIT (2016e) 20.6x PE (2016e) 24.1x

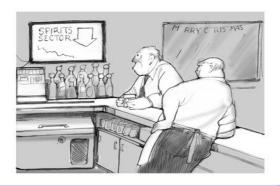
CARLSBERG		NEUTRAL vs. SELL	FV DKK599 vs.600
Bloomberg	CARLB DC	Reuters	CARCb.CO
Price	DKK587	High/Low	679/518,5
Market Cap.	DKK89,736m	Enterprise Val	DKK134,802m
PE (2016e)	20.2x	EV/EBIT (2016e)	17.7x

HEINEKEN		BUY	FV EUR83 vs. 88
Bloomberg	HEIA NA	Reuters	HEIN.AS
Price	EUR70,63	High/Low	84,97/69,25
Market Cap.	EUR40,683m	Enterprise Val	EUR54,998m
PE (2016e)	19.2x	EV/EBIT (2016e)	15.8x

MOLSON COOF	RS	NEUTRAL vs.BUY	\$107 vs. 11		
Bloomberg	TAP US	Reuters	TAP.N		
Price	USD98,89	High/Low	111,25/83,63		
Market Cap.	USD21,248m	Enterprise Val	USD15,194m		
PE (2016e)	33.0x	EV/EBIT (2016e)	45.8x		

ROYAL UNIBRE	W	NEUTRAL	FV DKK306
Bloomberg	RBREW DC	Reuters	RBREW.CO
Price	DKK296,8	High/Low	334/252,7
Market Cap.	DKK16,057m	Enterprise Val	DKK16,126m
PE (2016e)	20.6x	EV/EBIT (2016e)	16.5x





Brewers

Vietnam's brewers go up for sale

As the privatisation of the Vietnamese state-owned brewers gets going, Carlsberg seems to be in pole position to acquire Habeco while AB InBev might be keen to add Sabeco to its portfolio. Heineken already has a great position in the country given its focus on the premium segment with the Heineken and Tiger brands. Vietnam is 10% of the company's group operating profit.

- While some of the world's largest emerging economies including Russia, Brazil and China are slowing down, Vietnam's economic growth of over 6% is making it one of the fastest-growing markets in the world. As a result, beer consumption has been growing by more than 11% p.a. over the past 10 years and has reached 42 litres per capita. The continued growth in the working-age population and urbanisation is likely to drive consumption further ahead.
- The government is about to sell market leader Sabeco (38% market share) and the number three Habeco (17% market share). For Sabeco (price tag of USD4bn), all the main brewers have been putting forward their offer. Although we believe AB InBev will be very keen to get Sabeco, we would not underestimate the chances of Heineken. For Habeco (price tag USD1.1bn), the odds are in favour for Carlsberg, which has a 17% share in the company and a right of first refusal. Although not a game changer, a win from Carlsberg on Habeco could potentially increase earnings and fair value by 5-6%.
- Given the increased likelihood of higher interest rates and tension on the foreign exchange markets, we have reset all brewer valuations using a beta of 1. As a result, our Fair Value for **AB InBev comes down by 9% to EUR109**, for **Heineken by 6% to EUR83** and for **Molson Coors by 5% to USD107**. For Carlsberg, the decline is limited (0%) as the appreciation in the rouble makes up for the increased beta. Yesterday, we already reviewed downwards by 6% our Fair Value for Royal Unibrew to DKK306. After the reset, Heineken (+17%) and AB InBev (+12%), have the highest upside and we keep them as Buy. We upgrade **Carlsberg to Neutral from Sell and downgrade Molson Coors to Neutral from Buy.**



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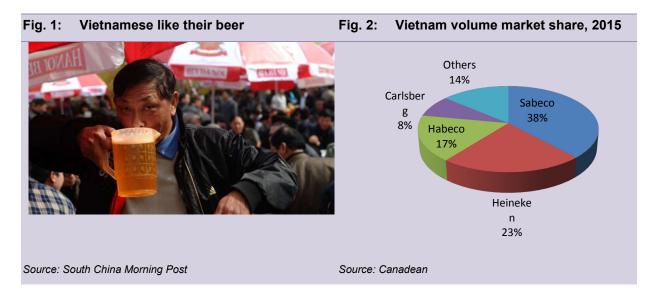
1. Executive Summary

The Vietnamese government is getting on with privatising the state-owned brewers Sabeco and Habeco. As we understand it, both companies could be sold off as early as December with the government preferring an IPO process, while at the same time attracting a strategic investor. A potential selling price for Sabeco of USD3.6-4bn and Habeco of USD1.0-1.1bn is more than double the initial government targets of USD1.8bn and USD0.4bn.

1.1.1. Vietnam is an extremely attractive beer market

A strong, rapidly expanding and profitable market

The Vietnamese beer market is extremely attractive. In volume terms, it has grown by 11% p.a. over the past 10 years with premium outperforming (17% p.a) and now accounting for 25% of the market. The country's beer operating margin is close to 20% as competition is not that fierce helped by regional segmentation, the grip of Heineken on the high-end segment and the professionalism of the government controlled entities. A young, growing population with increased spending power has been driving growth in beer and its premiumisation, with beer representing 94% of all alcohol consumption. These are trends which are likely to continue and we are looking at the current privatisation round as an opportunity for acquiring brewers.



Sabeco is the country's largest brewer (38% share) and could be sold off for up to USD4bn, drawing interest from a series of international brewerers

1.1.2. Privatisation of Sabeco and Habeco

Sabeco, based in the south of the country is the market leader with a 38% share and in 2015, delivered an operating margin of 16.3%. Over the past 10 years, the company has grown its volumes by an average of 12% p.a. All the main brewers seem to have made offers including the Europeans AB InBev and Heineken, the Japanese brewers Kirin and Asahi, Thailand's brewers ThaiBev and Singha Beer. It is difficult to assess who could be the frontrunner but AB InBev has recently made a big commitment with a new brewery in the south that also exports to India, Thailand, Cambodia and Laos, something the government would like. Also AB InBev has deep pockets. However, we would not under estimate Heineken's chances, although the company is very good in downplaying. Heineken already has a 5% stake in the company (since 2008 and classified as non-strategic), but also owns the number two beer business in the country with a 23% volume share (together with the 38% of Sabeco this would result in a 61% share which is unlikely to pass the 50% regulatory hurdle). Nevertheless, Heineken has had an extremely good and mutually beneficial relationship with the Vietnamese government which has a 40% share in Heineken's Vietnamese business. A divestment of Sabeco's 333 brands might be an acceptable remedy.



Carlsberg already has a 17% share in Habeco and has a right of first refusal for the 82% in the company held by the government

operating margin was 12.1% and over the past 10 years, it has grown volumes by 19% p.a. on average. Carlsberg is in the lead to acquire Habeco as it already has a 17% stake (since 2009) and has a right of first refusal on the government stake of 82%. This also means that the government has not been able to list its shares on the Ho Chi Minh City Stock Exchange (as was the case for Sabeco). Carlsberg does seem to have a firm grip on Habeco. Assuming that Carlsberg pays USD0.9bn for the government's 82% stake (PE of 25x 2016e earnings), it could enhance its earnings and valuation by about 5 to 6%. Today, Carlsberg already has an 8% share by volume in the Vietnamese beer market and that accounts for about 2% of group operating profit. Including Habeco, Vietnam could account for 8% of operating profit.

Habeco, is based in the north of the country and is the no. 3 with a 17% volume share. In 2015, its

Heineken is the second largest brewer in the country (23% share) and nearly exclusively active in the premium segment. We estimate that Heineken has more than half of the country's beer profit pool.

At **Heineken**, Vietnam already accounts for 10% of operating profit. In Vietnam, Heineken is nearly exclusively present in the premium segment (over 80% of its volumes) and has been growing volumes by on average 17% p.a. over the past 10 years. Even with lower than expected growth for the entire beer market in years to come (i.e. 4% vs. 11%), we would still expect Heineken's Vietnamese business to generate double-digit volume growth. On our calculations Heineken already has over 50% of the Vietnamese beer profit pool and generates an operating profit margin of 30%. Indeed, Heineken has a more than 70% share in the fast growing, more profitable high-end beer segment with its two key brands Heineken and Tiger. The local Ho Chi Minh City government owns 40% of the Heineken Vietnam business and is likely to sell that over time

1.1.3. Valuation

Given the increased likelihood of higher interest rates and tension on foreign exchange markets, we have reset all brewer valuations using a beta of 1 (see appendix). As a result, we have reduced our Fair Value for AB InBev by 9% to EUR109 from 120, for Heineken by 6% to EUR83 and for Molson Coors by 5% to USD107. For Carlsberg, the decline is limited (0%) as the appreciation in the rouble makes up for the increased beta. Yesterday, we already reviewed downwards our Fair Value for Royal Unibrew to DKK306 from DKK325. As a result, the two most appealing stocks in terms of upside potential appear to be Heineken (+17%) and AB InBev (+12%), both rated as a Buy. Both stocks appear to be valued in line with their 5-year average P/E. We have upgraded Carlsberg from Sell to Neutral as the strengthening rouble and a potential Vietnam deal might drive the shares higher. We downgrade Molson Coors from Buy to Neutral as we find more upside in Heineken and AB InBev at the current prices.

AB InBev and Heineken have the highest upside

Fig. 3: Brewer valuation table (1)

Brewers	local	Share	Market Cap	DCF Value	Var. to actual	P/E (5 yr	P/E	Price at 5yr	Var. to
	c'cy	price	(EURbn)	(LC)	(%)	average)	2017	avg	actual
AB InBev	EUR	97.0	193.4	109.0	12%	18.6	19.2	94	-3%
Carlsberg	DKK	584.5	12.0	599.2	3%	15.1	17.2	513	-12%
Heineken	EUR	71.0	40.7	82.8	17%	17.1	17.7	69	-3%
Molson	USD	98.9	20.3	107	8%	15.1	18.2	82	-17%
Coors									
Royal	DKK	273.5	1.9	306	12%	14.2	17.8	218	-20%
Unibrew									

Source: Company Data; Bryan, Garnier & Co ests.



Fig. 4: Brewer valuation table (2)

	local c'	cy Share pri	ce Market Cap	P/E		EV/E	BIT	FCI	F	Net		Dividend	d 5yr EPS	PEGD
		(EURbn)						yield		debt/EBITDA		yield	CAGR	
				2017	2018	2017	2018	2017	2018	2017	2018	2017		
AB InBev	EUR	97.0	193.4	19.2	17.4	17.0	15.4	6.5%	5.9%	3.9	3.4	2.7%	8.4%	1.7
Carlsberg	DKK	584.5	12.0	17.2	15.8	15.3	13.7	7.4%	6.8%	1.6	1.2	1.2%	9.4%	1.6
Heineken	EUR	71.0	40.7	17.7	16.3	14.2	12.9	5.5%	6.2%	1.9	1.5	1.7%	8.9%	1.7
Molson Coors	USD	98.9	20.3	18.2	16.6	16.4	14.6	6.5%	7.0%	3.8	3.2	1.8%	7.6%	1.9
Royal Unibrew	DKK	273.5	2.0	17.8	16.6	14.6	13.6	6.1%	6.7%	0.9	0.9	2.4%	7.4%	1.9

Source: Company Data; Bryan, Garnier & Co ests.

2. Setting the scene – the Vietnamese beer market

Vietnam is the third largest beer market in Asia With a population of 92 million, Vietnam is Asia's third largest beer market (after China and Japan) consuming 38.3m hl in 2015. Some of the international brewers have already a stake in the market with Heineken holding 23% of the market (and a 5% stake in Sabeco) and Carlsberg 8% (and a 17% stake in Habeco with right of first refusal), but the majority of the market is still in the hands of the two large domestic operators Sabeco (Saigon Brewery) (38% market share) and Habeco (Hanoi Brewery) (17% market share).

The government which owns both domestic brewers is making plans to sell its 90% stake in Sabeco (Saigon Beer Alcohol Beverage Corp) and its 82% stake in Habeco (Hanoi Beer Alcohol and Beverage Joint Stock Corp). And we believe that both transactions could unfold in the coming months if not weeks. We believe that Sabeco could be valued at over USD3.5bn and Habeco and over USD1bn. For Sabeco several major international brewers are lining up but for Habeco the contest could be limited as Carlsberg is already the strategic partner owning 17% and has a right of first refusal if the government would like to sell the rest.

2.1.1. The Vietnamese beer market

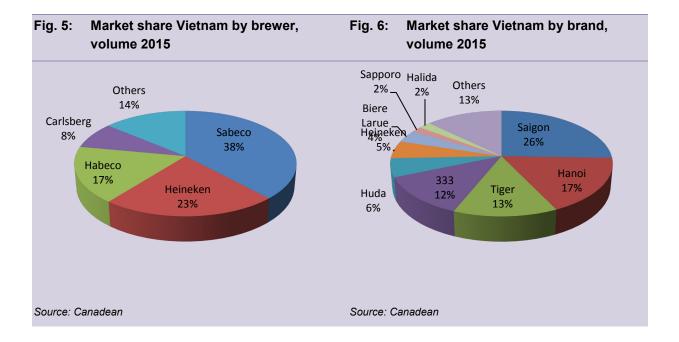
Volume growth of 11% over the past 10 years

The Vietnamese beer market has grown at an average compound annual rate of 11 percent over the past ten years, touching about 4 billion litres in 2016. Growth is slowing, however, and is anticipated to be around around 4 percent to 2021, according to data from research firm Canadean.

Sabeco is market leader (38%, followed by Heineken (23% and Habeco (17%)

Sabeco is the market leader enjoying about 38% market share in 2015 (and a far larger proportion of sales in Southern Vietnam), followed by Heineken with 23%, Habeco with 17% and Carlsberg with 8%.





2.1.2. Local brands still dominate

The two local brewers Sabeco and Habeco own the big mainstream brands

Heineken has taken over 70% share in the premium segment with the Heineken and Tiger brands

Despite the growing presence of international brewers (mainly Heineken), the local brewers Sabeco and Habeco continue to dominate the market in terms of volume. Their positioning is in the mainstream and discount market as neither brewer has ever been able to launch and support a successful premium brand.

Meanwhile Heineken has full control of the premium sector through the Heineken and Tiger brands which have a volume share of respectively 5% and 13% equivalent to 2.1m hl and 5.1m hl. Vietnam is by far its largest market for the Tiger brand and the fourth largest market for Heineken (after the US, France and the Netherlands).

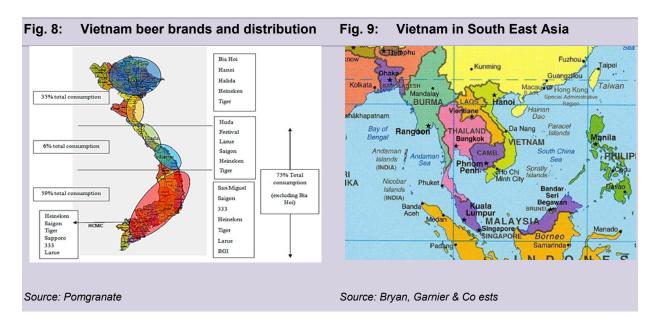
Fig. 7: Vietnamese beer brands by brewer

	Sabeco	Habeco	Heineken	Carlsberg	San Miguel	AB	Sapporo
						InBev/SABMiller	
Premium			Heineken	Carlsberg	San Miguel Pale	Gambrinus	Sapporo
				, and the second se	Pilsen		
			Tiger	Kronenbourg			
			rigei	ŭ	San Miguel Light		
				1664			
			Tiger Crystal				
			Amber Stout				
Mainstrea	m 333	Truc Bach	Larue Superior/	Halida	Red Horse	Zorok	
			Export				
	Saigon Special	Hanoi Premium	Fosters	Halong			
	Saigon Red	Hanoi Red	BGI	Huda			
			Flag	Festival			
			Song Han Larger				
Discount	Saigon Green	Hanoi Green	Anchor bia hoi	Viet Ha bia	W1N bia hoi		
	Saigon bia hoi	Hanoi bia hoi	Bivina	hoi			

Source: Company Data; Bryan, Garnier & Co ests.

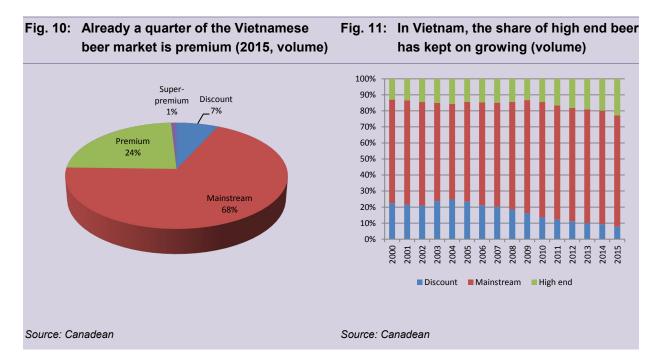


The Vietnamese beer market still tends to be a regional market, with further opportunities to develop a national brand.



The premium segment has grown by 16% over the past 10 years and is now already 25% of the total market

The success of the Heineken and Tiger brands over the past decade is mainly on the back on the consumer preference for premium brands. Indeed, the premium beer market has grown in the period 2005-2015 by 16% p.a. compared to 12% for the mainstream segment and -1% p.a. for the discount segment (the overall beer market grew by 11%). Looking forward industry observers expect the beer market to grow by 4% p.a. but we believe that would still imply double digit growth for the premium segment.





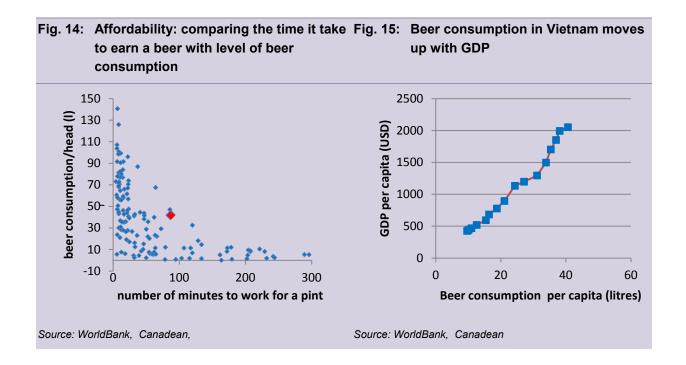


High level of beer consumption (42l per head) although it takes near 1 ½

hour to earn a pint of beer

2.1.3. Drivers of consumption

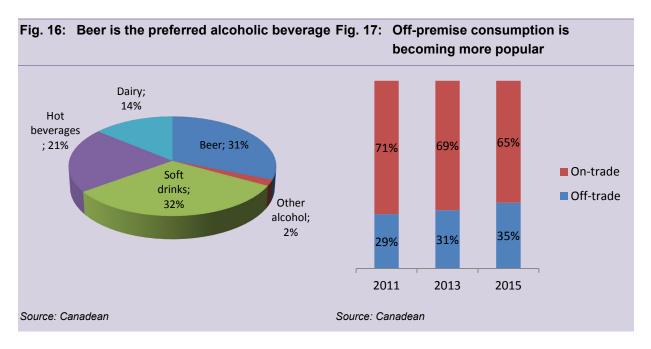
The growth in the Vietnamese beer market is driven by the growth in the wealth of its population and the growth in working-age population. Furthermore Vietnam is a strong beer market given the high level of consumption (42 litres per head) despite beer being not so affordable. Indeed, it takes an average worker 1 ½ hour to earn a pint of beer, whereas it takes in France only 9 minutes and in China 11 minutes to earn a pint and their level of consumption are at respectively 30 and 37 litres per head. Also other countries in South East Asia are strong beer markets: in Cambodia it takes a worker over an hour to earn a pint and consumption per head is 40 litres and in Laos it takes 41 minutes and consumption per head is 45 litres.





Beer is the preferred alcoholic drink

That the Vietnamese beer market is a strong beer market can also be illustrated that beer is 94% of the total alcohol consumption.



One of the world' fastest GDP growth rates

GDP is growing by 6 to 7% p.a.

Since 1990, Vietnam's GDP growth has been among the fastest in the world and has been averaging 6.1% a year over the past ten years. In 2016 that trend is continuing with an estimated GDP growth for the full year of 6.0% which is a slowdown on the 6.7% of 2015 as the agricultural production was affected by a severe drought. Growth forecast for 2017 of 6.3% is still below the country's target of 7% as inflation is expected to flare up to 4.5% from 2.5% in 2016 (source: Asian Development Bank) and exports risk being affected by the deceleration of the Chinese economy and the risk of a slowdown in the Eurozone, affected by the Brexit vote (China and Europe are 30% of exports). A more protectionist US (another 20% of exports) could add additional pressure.

The new five year plan shows the government aiming to lift gross domestic product per capita by over 50% to USD3,200 to USD3,500 by 2020 compared with the IMF's estimate of USD2,111 in 2015.





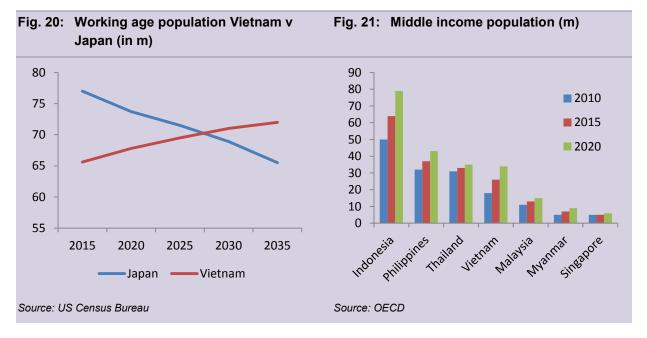
Powerful demographics

Young growing population

Vietnam's population has grown rapidly in the past few decades. In 1990, it was 66m and in 2016 it is expected to be 95m, making Vietnam the fourteenth most populous country in the world (third in the region after Indonesia and the Philippines). Population is expected to continue to expand to 100m in 2025. However the main driver for population growth is changing from high birth rates to increased life expectancy (from 73 to over 80 by 2050).

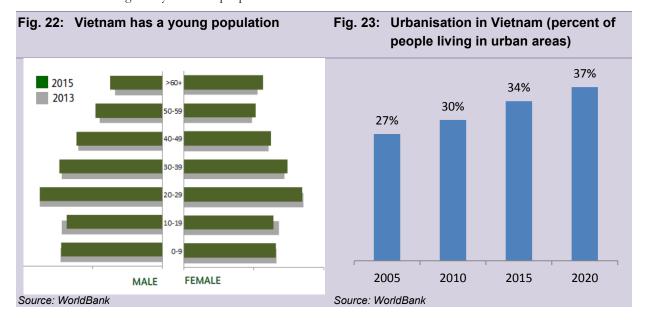
By 2030 more workers than Japan

By 2030, Vietnam is likely to add about five million people between the ages of 15 and 64, giving it a bigger working-age population than Japan. Coupled with the rapidly growing GDP, Vietnam has the fastest-growing middle class in South East Asia – over 30% growth over the period 2015-2020 compared to a 20% growth for the entire Asian region, which will continue to drive premiumisation within beer.



Nearly half of the population is below 30 years old

Furthermore in 2015 the population below 30 years old was 49% of total population, and a sizable group of legal drinking age. These young population do live increasingly in urban areas where beer consumption per capita is 1.6x the level of rural drinkers. By 2020, the urban population in Vietnam will grow by 4 million people.





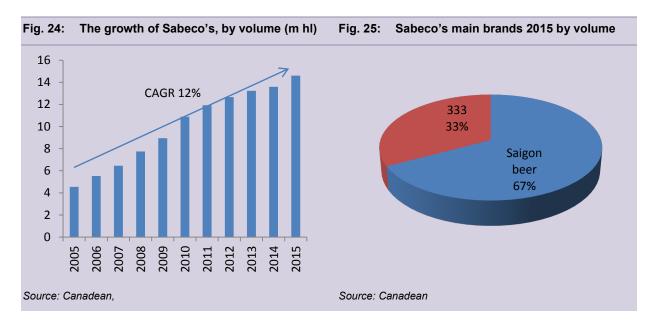
3. Privatising the domestic brewers

Sabeco is the market leader enjoying about 38% market share in 2015 (and a far larger proportion of sales in Southern Vietnam), followed by Heineken with 23%, Habeco with 17% and Carlsberg with 8%. Both Sabeco and Habeco have been earmarked to be privatised in 2016/17.

Sabeco - 38% volume market share

Market leader Sabeco already has an operating margin of 16.3%

Sabeco based in Ho Chi Minh City, is Vietnam's leading brewer and is owned by Vietnam's Ministry of Trade and Industry. In 2015, the company sold 14.6m hl of beer having grown beer volumes by over 12% p.a. over the past 10 years. In 2015, the company realised an operating profit of USD199m on revenues of USD1,220m, which equates to an operating margin of 16.3%. For 2016, the company aims for revenues of USD1,285m and a net profit of USD165m. The company has two brands Bia Saigon and 333.



The privatisation process

The Vietnamese State's shareholding of 89.59% in Sabeco is being held by the Ministry of Industry and Trade ("MOIT") who is proposing to sell its stake in two tranches: 53.59% in 2016 and 36% in 2017. Heineken through its subsidiary holds about 5% of Sabeco and is currently the only foreign shareholder (it acquired that stake during the IPO in 2008). The remaining 5.41% is trading on the over-the-counter market.

The process at which is being worked is to list the shares in Sabeco at the Ho Chi Minh City Stock Exchange (HOSE). News reports provide that there will be a proportion of shares that will be sold by way of an auction process conducted by HOSE for retail investors. Next to that a substantial number of shares will be sold to a strategic shareholder.

Several international brewers that have shown interest in acquiring a strategic stake in the company: Heineken, AB InBev, the Japanese brewers Kirin and Asahi, Thailand's ThaiBev and Singha Beer.



Current market value of USD3.6bn

Financials and price

As the shares of Sobeco are listed on HOSE, the selling price for Sabeco must be within a price fluctuation band of \pm 7% of the reference share price which is normally the previous day closing. The current price on the over-the-counter market for the Sabeco shares have been hovering around VND125,000 per share giving a market value of USD3.6bn for the 641m shares.

Restrictions

In Vietnam there is a foreign ownership cap of 49% to certain business. However, there has never been a list published of these businesses but the assumption is that they would involve national defence and security, social order and security, social ethics, or public health. What concerns alcoholic and non-alcoholic drinks production and wholesaling, there are clearly no restrictions and foreign investors could own 100% of a brewer. However, Sabeco also owns a restaurant and hotel business, road and waterway transportation, logistics and warehouse services, construction, real estate services and mechanical installation services and according to some Vietnamese sources, these (transport and logistics) could cause a cap of 49% of the capital of Sabeco unless Sabeco removes these business lines (general meeting). But all that should be relatively easy pass through and hence we believe any foreign brewer could own 100% of Sabeco.

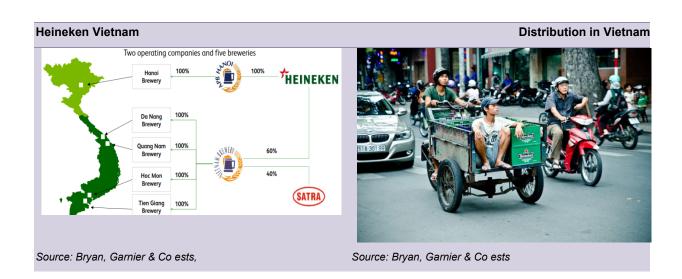
Other potential restrictions have to do with competition. Competition law clearance for the acquisition is required if a strategic shareholder acquires a controlling interest of Sabeco. Any economic concentration in which the participating enterprises have a combined market share in the relevant market of 30% to 50%, must notify the Vietnam Competition Authority (VCA) and because Sabeco has a 38% beer market share, that would need clearance. Furthermore economic concentrations leading to a combined market share exceeding 50% are prohibited, which should apply mainly to Heineken who already has a 23% market share. If Heineken wanted to acquire Sabeco, then it would need to propose a remedy for not exceeding the 50% combined market share, eg. selling the 333 brand which is about 1/3 of the Sabeco business. Off course, Heineken could always strive to a minority non-controlling stake (i.e. less than 50%).

Heineken - 23% volume market share

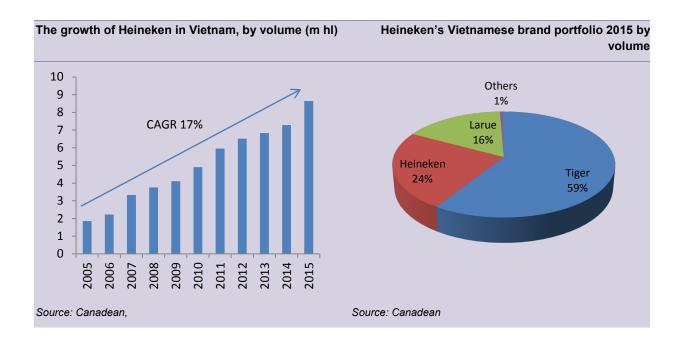
Heineken is the second largest brewer....

Established in 1991, Heineken Vietnam Brewery Limited Company (Heineken Vietnam Brewery) is a joint venture between Singapore headquartered Heineken Asia Pacific Pte Ltd (HAP), and the Vietnamese holding Saigon Trading Group (SATRA). Heineken holds 60% of the equity and Satra 40%. Satra is a holding company owned by Ho Chi Minh City and the partnership between Heineken and Satra seems to have developed to their mutual benefit. But with Satra owned by Ho Chi Minh City, it can only be a matter of time before that company is privatised, sold off, broken up. Satra has already pledged to withdraw from non-trading businesses but nevertheless seem, at least for now, to hold on to its Heineken Vietnam stake. Next to the Vietnam Brewery, Heineken owns 100% of the Hanoi Brewery.





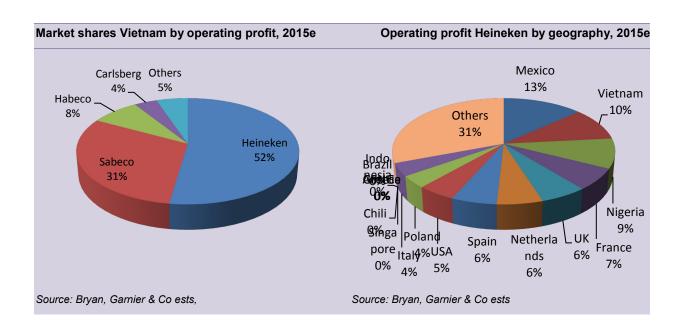
...and is nearly exclusively in the premium segment Heineken has in total 5 breweries and it serves the Vietnamese beer market with a portfolio of brands including Heineken, Tiger and Bierre Larue. Both the Heineken and the Tiger brand are in the premium segment (together 83% of its portfolio by volumes). Bierre Larue is positioned in the mainstream segment. Over the past ten years, Heineken has grown volumes on average by 17% p.a. to reach 8.6m hl in 2015.



We estimate operating margins of 30% and calculate that Heineken has over half of the Vietnam beer profit pool

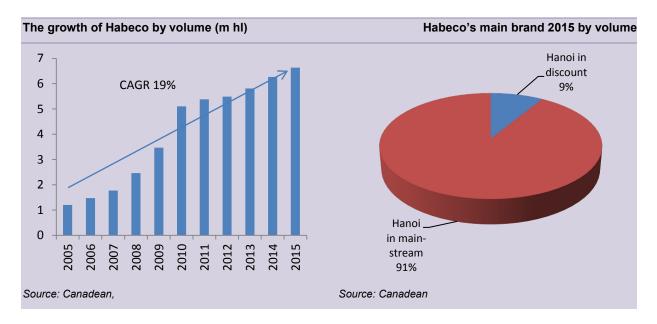
With this mainly premium portfolio of brands we estimate that Heineken's operating profit in Vietnam is an estimated USD340m on revenues of USD1.4bn (operating margin of 30%). We calculate that Heineken has over half of the profit in the Vietnamese beer market. And Vietnam is the second largest contributor of operating profits for the Heineken group.





Habeco - 17% volume market share

Habeco is the third largest brewer mainly active in the north of the country **Habeco** is the third largest brewer in Vietnam with a strong regional base in the north of the country. Formerly a small brewery founded by a Frenchman named Hommel in 1890 (and established on Elephant Mountain), it is the owner of the brands Hanoi beer. Habeco was acquired by MoIT in 2003.



Operating margin at Habeco is 12.1%

The company is owned by the Ministry of Industry and Trade, Vietnam and has a strategic partnership with Carlsberg which owns 17% in the company. In 2015, the company sold 5.1m hl of beer (having grown by 17% p.a. over the past 10 years) and realised an operating profit of USD53m on revenues of USD434m, making an operating margin of 12.1%.



The process

Carlsberg has a right of first refusal

Following the listing of the Habeco shares on the UPCoM market, Carlsberg is negotiating with the Habeco over the purchase of an additional stake. Carlsberg has already been strategic shareholder of Habeco, holding of 17.08% since 2009 with the State still holding 81.79%, its employees 0.56%, other shareholders 0.88%,.

Carlsberg has a right of first refusal on the sale of all shares Habeco, which not only include the sale to strategic shareholders but also on the listing of the shares. Hence, there is increasing speculation that a a listing of (Habeco) has been be delayed from December t2016 until the first quarter of 2017, indicating that Carlsberg, Habeco, the Ministry of Industry and Trade and the Prime Minister's working group, have not come yet to a final agreement.

Financials and price

In 2015 Habeco's total revenue reached VND9.64 trillion (USD432 million) and after-tax profit VND951 billion (USD42.6 million). On October 28, the state listed the 231.8 million shares of Habeco on the Unlisted Public Company Market (UPCoM) with a reference price of VND39,00, which since has gone up to VND110,000, which puts a value of over USD1bn for the company

Restrictions

The trading price will be used as a reference in the sale as the selling price must be within a price fluctuation band of \pm 7% of the previous days closing price.

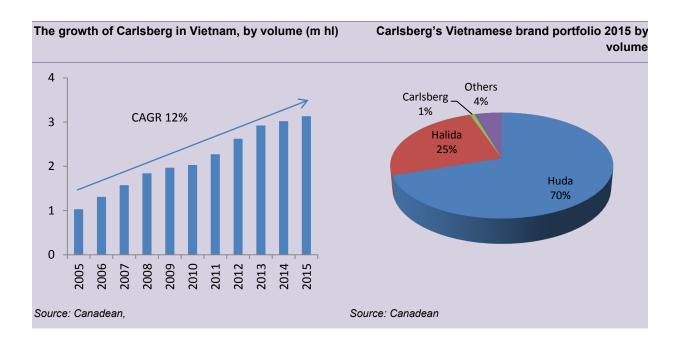
Carlsberg - 8% volume market share

Carlsberg entered Vietnam in 1993 through the joint venture South East Asia Brewery and currently owns 60 percent of this company together with Viet Ha Corporation of Hanoi. In 1994, Carlsberg acquired 50 percent of the Hue Brewery Limited (HBL), the market leader in Central Vietnam. Hue Brewery Limited became a wholly owned subsidiary of Carlsberg when the company acquired the remaining 50 percent in 2011.

As a result Carlsberg Vietnam now owns 100% of Hue and 60% of Halida. Next to that the company became in 2009, a strategic investor in Habeco, acquiring a 17 percent stake. Carlsberg Vietnam has been growing volumes by just under 12% p.a. over the past 10 years to 3.1m hl in 2015 and made in 2015 an estimated operating profit of USD25m on USD280m of revenues (operating margin of 8.9%). The company is mainly active in the mainstream segment with the Huda (in Central Vietnam) and Halida (in North Vietnam) brands, and through its joint venture with Habeco distributes Hanoi and Carlsberg brands in South Vietnam. Early 2016 Carlsberg announced that it will launch Tuborg in Vietnam in the premium segment (investing USD20.2m).

Carlsberg owns already two local mainstream brands Halida and Huda





AB InBev - less than 1% market share

Since the beginning of 2015, AB InBev has opened a new brewery in the Binh Duong province close to Ho Chi Minh City. The brewery has an initial capacity of 0.5m hl which will be double in a next phase. The brewery produces Budweiser and Beck's for the domestic Vietnamese market and for the exports markets of India, Laos, Cambodia and the Philippines.



4. Appendix: DCF valuation models

Fig. 26: DCF Valuation AB InBev

USD m	Dec-16e	Dec-17e	Dec-18e	Dec-19e	Dec-20e	Dec-21e
Sales	42,637	57,957	60,632	63,403	66,340	69,455
EBIT	12,793	19,113	20,842	22,615	23,907	25,301
Taxes	(2,815)	(4,205)	(4,794)	(5,427)	(5,738)	(6,072)
Operating profit after taxes	9,979	14,908	16,048	17,187	18,170	19,229
+ Depreciations	3,078	3,955	4,079	4,202	4,330	4,462
-Investments in fixed assets	(4,038)	(5,333)	(5,416)	(5,567)	(5,725)	(5,891)
Total net investments in fixed assets	(960)	(1,378)	(1,337)	(1,365)	(1,395)	(1,429)
-Investments in working capital	(623)	724	2,212	2,406	2,026	804
=Operating cash flow	8,396	14,255	16,924	18,228	18,801	18,604
Discount factor	1.00	0.94	0.88	0.80	0.72	0.66
Present value of free cash flow	8,396	13,463	14,815	14,506	13,601	12,235
Cumulative present value of free cash flow		103,112				
+Present value of terminal value		242457.85				
=Enterprise value		345,570				
Adjusted net debt incl pension provisions		(85,491)		Risk free		1.6%
Other liabilities and commitments				Equity pre	emium	7.0%
Revalued minority interests		(30,569)		Unlevered	d Beta	1.00
(Assoc. + revalued investments)		110		RRE		8.6%
=Fair value		229,620		LT Growt	n	3.7%
Fair value fully diluted per share		115		LT WACC	;	8.6%
Fair value fully diluted per share (EUR)		109				

Source: Company Data; Bryan, Garnier & Co ests.

Fig. 27: DCF Valuation Carlsberg

DKK m	Dec-16e	Dec-17e	Dec-18e	Dec-19e	Dec-20e	Dec-21e
Sales	63,522	66,316	67,968	69,671	71,489	73,433
EBIT	7,873	8,712	9,326	9,753	10,209	10,698
Taxes	-2,598	-2,526	-2,705	-2,828	-2,961	-3,102
Operating profit after taxes	5,275	6,185	6,622	6,925	7,248	7,596
+ Depreciations	4,674	4,575	4,496	4,490	4,493	4,505
-Investments in fixed assets	-3,430	-3,581	-4,418	-4,529	-4,647	-4,773
Total net investments in fixed assets	-1,466	1,939	1,244	994	78	-39
-Investments in working capital	-1,746	436	257	265	283	303
=Operating cash flow	4,773	7,615	6,957	7,151	7,378	7,631
Discount factor		0.94	0.87	0.80	0.74	0.68
Present value of free cash flow		7,177	6,055	5,740	5,457	5,197
Cumulative present value of free cash flow		34,746				
+Present value of terminal value		103,664		LT Growth	3.5%	
=Enterprise value		138,409		LT WACC	8.6%	
Adjusted net debt incl. Pension		-31,987				
Other liabilities and commitments		-11,197				
Revalued minority interests		-8,454				
(Assoc. + revalued investments)		4,676				
=Fair value		91,447				
Fair value fully diluted per share		599				

Source: Company Data; Bryan, Garnier & Co ests.



Fig. 28: DCF Valuation Heineken

EUR m	Dec-16e	Dec-17e	Dec-18e	Dec-19e	Dec-20e	Dec-21e
Sales	20,530	21,033	21,595	22,219	22,881	22,881
EBIT	3,314	3,508	3,731	4,001	4,287	4,566
Taxes	-928	-982	-1,045	-1,120	-1,200	-1,278
Operating profit after taxes	2,386	2,526	2,686	2,881	3,087	3,287
+ Depreciations	1,483	1,607	1,718	1,831	1,948	2,069
-Investments in fixed assets	-2,000	-1,788	-1,836	-1,889	-1,945	-1,999
Total net investments in fixed assets	-517	-181	-118	-57	4	70
-Investments in working capital	1	30	33	37	39	38
=Operating cash flow	1,870	2,375	2,602	2,860	3,130	3,395
Discount factor		0.94	0.87	0.80	0.74	0.68
Present value of free cash flow		2,237	2,262	2,293	2,312	2,309
Cumulative present value of free cash flow		15,903				
+Present value of terminal value		44,379				
=Enterprise value		60,282		Risk free		1.6%
Adjusted net debt incl pension provisions		-12,203		Equity pre	mium	7.0%
(restated cash)						
Other liabilities and commitments				Unlevered	Beta	1.00
Revalued minority interests		-4,649		RRE		8.6%
(Assoc. + revalued investments)		4,012		LT Growth	1	3.5%
=Fair value		47,442		LT WACC		8.6%
Fair value fully diluted per share		83				

Source: Company Data; Bryan, Garnier & Co ests.

Fig. 29: DCF Valuation Molson Coors

D m	Dec-16e	Dec-17e	Dec-18e	Dec-19e	Dec-20e	Dec-21e
						
ales	11,093	11,556	11,759	11,966	12,191	12,421
BIT	1,745	1,910	2,062	2,211	2,322	2,405
axes	(349)	(132)	(286)	(347)	(400)	(423)
perating profit after taxes	1,396	1,778	1,776	1,864	1,922	1,981
Depreciations	303	655	655	655	653	305
vestments in fixed assets	(220)	(722)	(728)	(647)	(653)	(305)
otal net investments in fixed assets	83	(67)	(72)	8	0	0
vestments in working capital	12	1,027	142	27	30	30
Operating cash flow	1,491	2,738	1,846	1,899	1,951	2,011
scount factor		0.95	0.88	0.81	0.74	0.69
esent value of free cash flow		2,589	1,620	1,535	1,452	1,378
umulative present value of free cash flow		12,301				
Present value of terminal value		19,783				
Enterprise value		32,083				
justed net debt incl pension provisions (restated		(8,640)		Risk free		1.6%
sh)						
ner liabilities and commitments		-470		Equity premi	um	7.0%
valued minority interests		(20)		Unlevered B	eta	1.00
ssoc. + revalued investments)		0		RRE		8.6%
air value		22,953		LT Growth		2.5%
air value fully diluted per share		107		LT WACC		8.6%



Fig. 30: DCF Valuation Royal Unibrew

DKK m	Dec-16e	Dec-17e	Dec-18e	Dec-19e	Dec-20e	Dec-21e
Sales	6,386	6,395	6,508	6,627	6,750	6,880
EBIT	975	1000	1038	1077	1118	1157
Taxes	-206	-212	-220	-228	-237	-245
Operating profit after taxes	768	789	818	849	881	912
+ Depreciations	310	311	316	322	328	334
-Investments in fixed assets	-48	-48	-49	-49	-50	-51
Total net investments in fixed assets	263	263	268	273	278	283
-Investments in working capital	-88	1	16	17	18	18
=Operating cash flow	943	1,053	1,102	1,139	1,177	1,214
Discount factor		0.94	0.87	0.80	0.74	0.68
Present value of free cash flow		991	958	913	871	830
Cumulative present value of free cash flow		7,405				
+Present value of terminal value		9,198				
=Enterprise value		16,603	LT Growth		2.5%	
Adjusted net debt (restated cash)		-1,115	LT WACC		8.6%	
Other liabilities and commitments		-390		Beta	1	
(Revalued minority interests)						
Assoc. + revalued investments		680				
=Theoretical market cap		15,779				
Theoretical share price fully diluted		307				



Price Chart and Rating History AB InBev



Ratings Date	Ratings	Price
11/10/16	BUY	EUR116.1
05/05/15	NEUTRAL	EUR108.8

Target Price Target price Date 28/10/16 EUR120 11/10/16 **EUR124** 07/04/16 EUR109 08/01/16 **EUR111** 25/11/15 **EUR122** 12/11/15 **EUR110** 24/09/15 EUR96 05/05/15 **EUR109**

Heineken



Ratings		
Date	Ratings	Price
10/02/16	BUY	EUR75.18
03/11/15	NEUTRAL	EUR82.15
05/05/15	BUY	EUR69.85

Target Price	
Date	Target price
23/08/16	EUR88
01/08/16	EUR90
21/04/16	EUR83
07/04/16	EUR79
10/02/16	EUR83
05/01/16	EUR80
28/10/15	EUR85
24/09/15	EUR75
05/05/15	EUR78





Price Chart and Rating History Carlsberg



Ratings		
Date	Ratings	Price
18/08/16	SELL	DKK679
11/05/16	NEUTRAL	DKK638
11/01/16	SELL	DKK588
05/05/15	NEUTRAL	DKK619

Target Price Date	Target price
11/05/16	DKK600
07/04/16	DKK500
26/02/16	DKK520
11/01/16	DKK485
24/09/15	DKK519
19/08/15	DKK629
05/05/15	DKK634

Molson Coors



Ratings Date	Ratings	Price
08/07/16	BUY	USD99.85
07/04/16	NEUTRAL	USD93.99

Target Price Date	Target price
07/11/16	USD112
07/07/16	USD110
07/04/16	USD97
17/11/15	USD101



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Positive opinion for a stock where we expect a favourable performance in absolute terms over a period of 6 months from the publication of a recommendation. This opinion is based not only on the FV (the potential upside based on valuation), but also takes into account a number of elements that could include a SWOT analysis, momentum, technical aspects or the sector backdrop. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

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Opinion recommending not to trade in a stock short-term, neither as a BUYER or a SELLER, due to a specific set of factors. This view is intended to be temporary. It may reflect different situations, but in particular those where a fair value shows no significant potential or where an upcoming binary event constitutes a high-risk that is difficult to quantify. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

SELL

Negative opinion for a stock where we expect an unfavourable performance in absolute terms over a period of 6 months from the publication of a recommendation. This opinion is based not only on the FV (the potential downside based on valuation), but also takes into account a number of elements that could include a SWOT analysis, momentum, technical aspects or the sector backdrop. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

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SELL ratings 11,4%

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