

Tunas Baru Lampung

Sector: Plantations (Neutral)

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BUY

(unchanged)
Rating momentum*: ↓

PX: IDR1,010–TP: IDR1,470 (from IDR1,180)
TP/consensus: 110%; TP momentum*: ↑
JCI: 5,377

Sugar rush

Beneficiary of 4mn-ton structural deficit in domestic sugar industry:

On the back of a major sugar expansion, TBLA is likely to benefit from Indonesia's penchant for sweets with sugar per capita consumption of 23 kg (exhibit 16), one of the highest in the world. Domestically, we see a huge structural deficit of 4mn tons (exhibit 17) with consumption of 6.5mn tons and production of just 2.5mn tons from 9 sugar-producing regions. This has resulted in Indonesia becoming one of the world's largest sugar importers, bringing in 3mn tons of sugar annually (exhibit 20). In the past 35 years, the sugar deficit widened significantly as domestic demand outstripped production with sugarcane planting areas experiencing only 1.1% CAGR in 1980-2015. Furthermore, productivity was low averaging 5.6 tons/ha, implying the absence of sizeable investments within the local sugar industry.

Substantial time required to create a self-sufficient industry:

The government aims for Indonesia to achieve sugar self-sufficiency by 2019. However, on limited land availability and massive investment requirement of IDR82tn (exhibit 22), this sugar self-sufficiency plan is unlikely to be realized given the required additional planting areas of 486k ha, even higher than the current planted area of 456k ha. Hence, we expect the sugar deficit to persist over the long term, allowing both importers and planters like TBLA to benefit from continued undersupply conditions.

Likely to book strong growth on industry inefficiency:

In an effort to protect farmers and encourage local players to enter the sugar business, the government has set the sugar floor price at almost twice that of the international raw sugar price (exhibit 23). Indonesia's sugar floor price refers to farmers' cost of production as estimated by the Agriculture Ministry. TBLA's 2017F production cost is at IDR4,402/kg, 27% lower than the industry's average of IDR6,022/kg and 50% lower than the average farmer's cost of production of IDR8,790/kg (exhibit 24). That said, TBLA should enjoy strong 2017F net earnings of IDR891bn, +78% y-y, due to industry inefficiency. It is worth noting that TBLA experiences 83% higher yields of IDR36.5mn/ha from sugar, versus IDR20.5mn/ha for CPO (exhibit 35).

We expect a strong 79% EPS CAGR in 2015-18F; Raised TP

We now expect higher sustainability for TBLA's sugar refinery and sugar mill businesses. Based on the government's recent discussions to allow refined sugar to be sold at the retail level, coupled with plans to prohibit importers lacking sugarcane plantations from obtaining import permits, we believe TBLA's sugar refinery business to be more sustainable, booking 2017F earnings of IDR214bn, 24% of the total. As such, we now raise our target PE for the sugar refinery business from 1x to 2.5x, still a 50% discount to the regional pure refinery player. This gives a higher 12M SOTP-based TP of IDR1,470 (exhibit 46), reflecting 46% upside potential. With this and the positive sentiment from TBLA's CPO segment with a higher average 2017F CPO price of USD750/mt (2016: USD625/mt), the stock's strong market outperformance (exhibit 4) is likely to persist. **BUY.** Risks: Delays in the completion of TBLA's sugar mills as well as policy risks stemming from lower import quotas and sugar price ceiling.

Exhibit 1. Company information

Market cap (IDRb/USDm)	: 5,395.5/414.4
3M avg.daily t.o.(IDRb/USDm)	: 5,247.7/404.1
Bloomberg code	: TBLA IJ

Source: Bloomberg

Exhibit 2. Shareholders information

Budi Delta Swakarya (%)	: 27.80
Sungai Budi (%)	: 26.49
Others (%)	: 1.47
Free float (%)	: 45.62

Source: Bloomberg

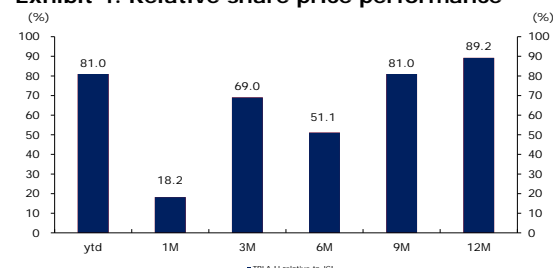
Exhibit 3. Key forecasts and valuations

Year to 31 Dec	2015	2016F	2017F	2018F
Revenue (IDRbn)	5,331	6,609	8,181	9,465
EBIT (IDRtn)	604	782	1,334	1,651
Net profit (IDRbn)	197	500	891	1,128
Bahana/cns. (%)	-	74	99	119
EPS (IDR)	37	94	167	211
EPS growth (%)	(58)	154	78	27
EV/EBITDA (x)	11.8	9.4	6.3	5.4
PER (x)	27.4	8.1	6.1	4.8
FCFPS (IDR)	(0)	0	(0)	0
FCF yield (%)	(0.0)	0.0	(0.0)	0.0
BVPS (IDR)	536	603	699	785
PBV (x)	1.9	1.3	1.4	1.3
DPS (IDR)	23	28	70	125
Yield (%)	2.3	3.7	7.0	12.4
ROAA (%)	2.4	5.1	8.0	8.9
ROAE (%)	7.4	16.4	25.6	28.5
EBIT margin (%)	11.3	11.8	16.3	17.4
Net gearing (%)	153.3	127.0	134.5	134.3

Source: Bloomberg, Bahana estimates

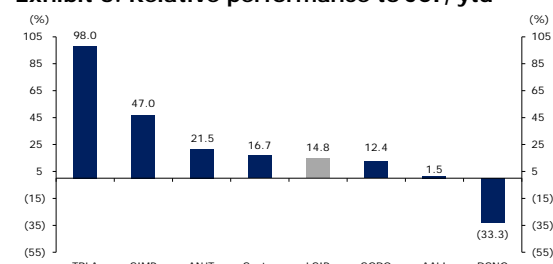
Note: Pricing as of close on 7 October 2016

Exhibit 4. Relative share price performance



Source: Bloomberg, Bahana

Exhibit 5. Relative performance to JCI, ytd



Source: Bloomberg, Bahana

SUGAR INDUSTRY OVERVIEW

There are currently 9 sugar-producing regions in Indonesia (exhibit 7): North Sumatera, South Sumatera, Lampung, West Java, Central Java, Jogjakarta, East Java, Gorontalo and South Sulawesi. East Java was the largest sugar-producing province in the country as of 2015, with production of 1.24mn tons or around 50% of total sugar production. East Java had the largest sugarcane planted area of 207k ha as of 2015. Lampung was the second-largest sugar producer, with 757k tons of sugar production and a total planted area of 125k ha. From a total sugarcane plantation area of 456k ha, Indonesia produced around 2.5mn tons of sugar for both domestic and overseas consumption.

9 sugar-producing regions in Indonesia generated 2.5mn tons of sugar as of 2015

Exhibit 6. Indonesia's 5 largest sugar-producing provinces, 2015



Source: Indonesia Statistics Agency

East Java was the largest sugar-producing province ...

Exhibit 7. Sugarcane plantation area map, 2015



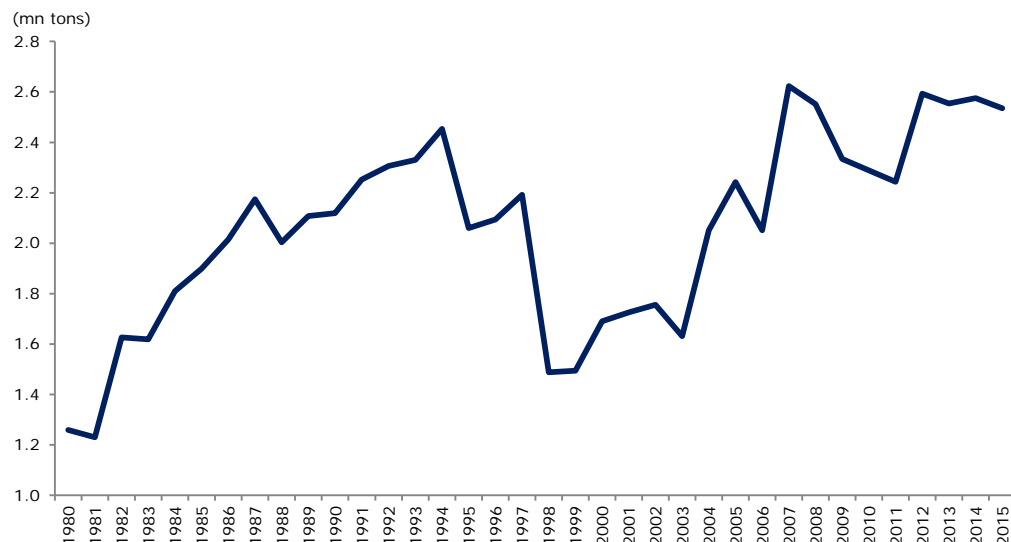
Source: Indonesia Statistics Agency

... supported by the largest plantation area of 207k ha

Indonesia's sugar industry development has occurred at a slow pace. During the past 35 years, domestic sugar production only saw a 2% CAGR, from 1.3mn tons in 1980 to 2.5mn tons in 2015 (exhibit 8). Slow domestic sugar production growth occurred mainly due to low growth in sugarcane planted area development, which only saw a 1.1% CAGR, from 316k ha in 1980 to 456k ha in 2015. Moreover, sugarcane productivity yields in Indonesia have not seen much improvement during this time. The productivity yield was only at 5.6tons/ha as of 2015 (exhibit 9), implying inefficiencies in the sugar production process. These two factors have resulted in low sugar production growth.

Sugar industry development has occurred at a slow pace ...

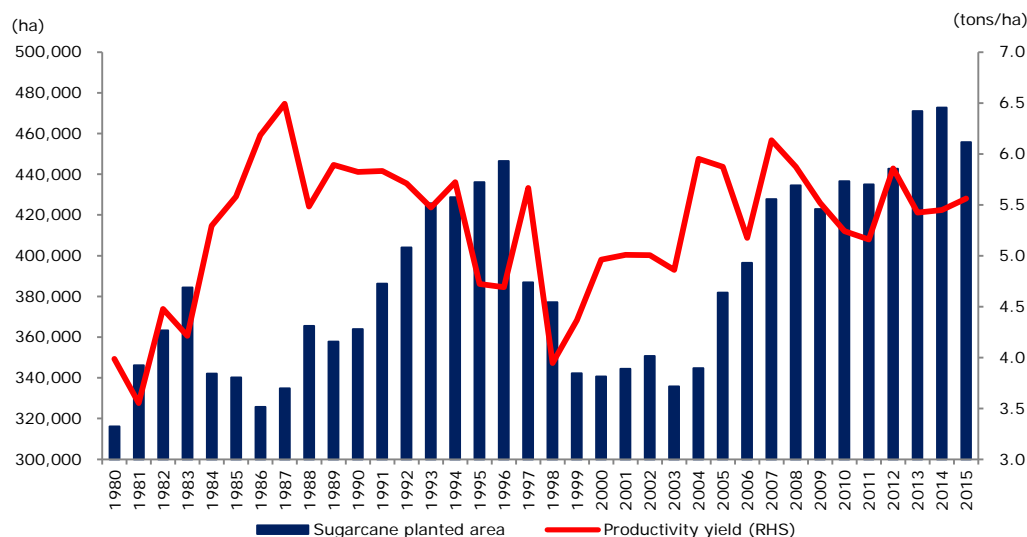
Exhibit 8. Domestic sugar production, 1980-2015



Source: Indonesia Statistics Agency, Bahana

... with only a 2% CAGR for domestic sugar production

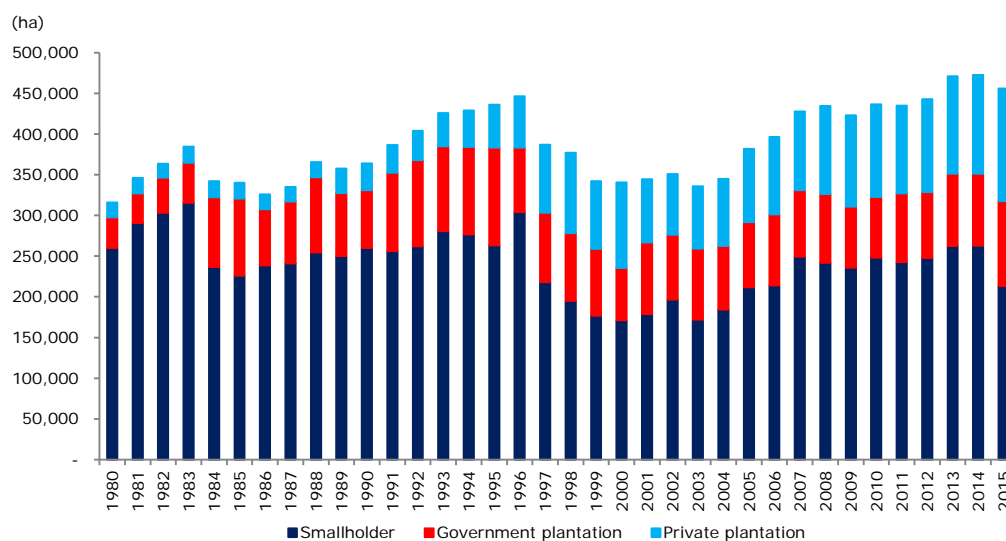
Exhibit 9. Sugarcane planted area and productivity yields, 1980-2015



Source: Indonesia Statistics Agency, Bahana

Only a 1.1% CAGR for total planted areas during the period, with low productivity of 5.6 ton/ha as of 2015

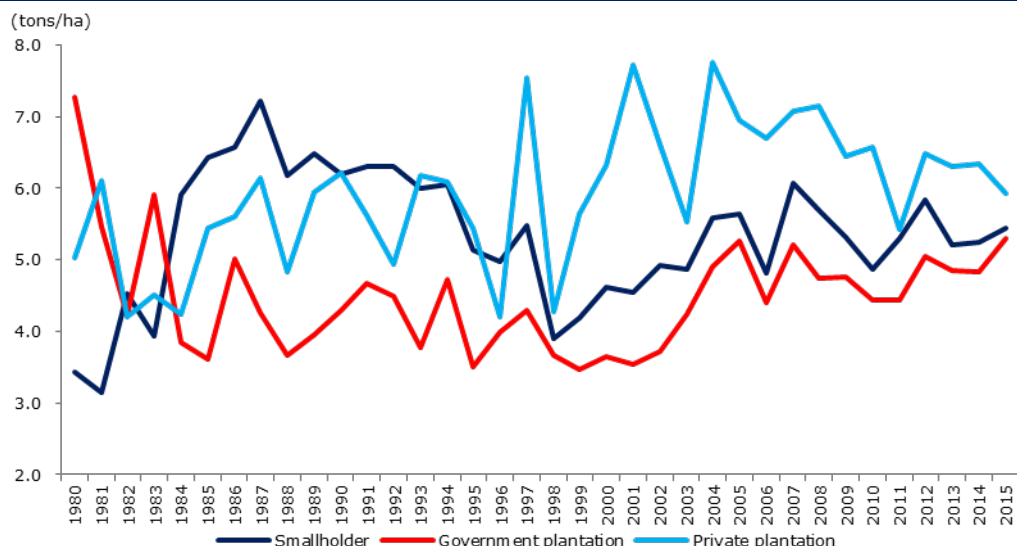
Exhibit 10. Sugarcane area ownership breakdown, 1980-2015



Source: Indonesia Statistics Agency, Bahana; Smallholder: owner of small farms (20 ha or less), usually to support a single family

Majority of sugarcane plantations owned by smallholders

Exhibit 11. Sugarcane productivity yield breakdown by ownership, 1980-2015



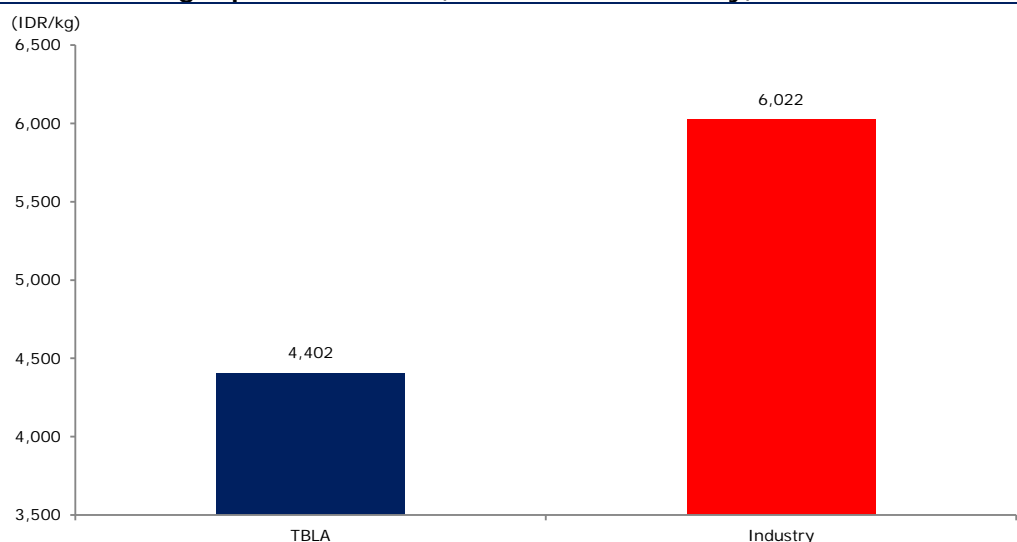
Private sector features higher productivity yield ...

Source: Indonesia Statistics Agency, Bahana

Private plantations, which contributed 30% of Indonesia's overall plantation area as of 2015, have the highest productivity yields (exhibit 11) compared to the government and smallholdings, at 5.9 tons/ha, with the smallholdings yield at 5.3 tons/ha and the government's yield at only 4.5 tons/ha. We think this implies that the government has not invested in the sugar industry sufficiently to increase productivity. Furthermore, underinvestment has created inefficiency, which has resulted in high production costs. On average, the Indonesia sugar industry, represented by Perkebunan Nusantara (PTPN) as state-owned sugar producers, had an average production cost at IDR6,022/kg in 2015 while private plantations such as TBLA had 27% lower production costs of IDR4,402/kg due to higher plantation yields and extraction rates.

... at 5.9 tons/ha while government plantation yield is only 4.5 tons/ha

Exhibit 12. Sugar production cost, TBLA versus industry, 2015



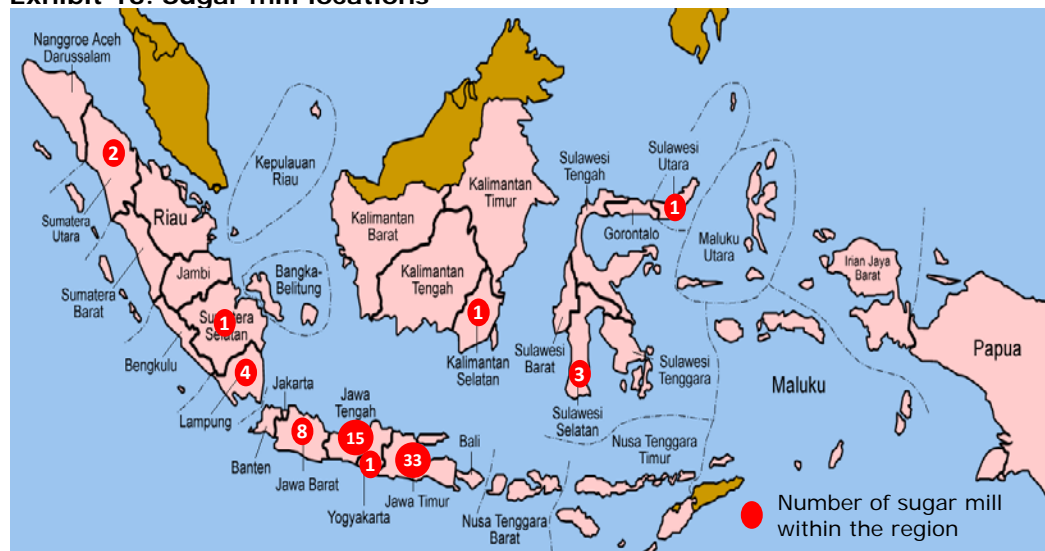
TBLA's production cost was 27% lower than the industry's in 2015

Source: Bahana, Company

Problems in developing sugarcane plantation areas arise from difficulties in finding a suitable region, as the plantation area needs to be close to the sugar mill to preserve the sugarcane from deterioration. As of 2015, 57 out of 69 sugar mills in operation were concentrated in the Java region (exhibit 13), where no available land was left to increase the sugarcane plantation area. In addition, Indonesia has suffered from low extraction rates as most sugar mills use obsolete technology. Of the 69 mills, a total of 47 sugar mills, contributing 61% of total milling capacity (exhibit 15), were built during Dutch colonial times (exhibit 14) and have not made technological improvements to increase productivity.

Limited availability of sugarcane plantation area hinders expansion

Exhibit 13. Sugar mill locations



Source: Bahana

57 out of 69 sugar mills are located in the Java region

Exhibit 14. Watoetoelis sugar mill plant, East Java



Source: Bahana

State-owned PTPN's Watoetoelis sugar mill was built in 1839 and still operates without any major changes to improve efficiency

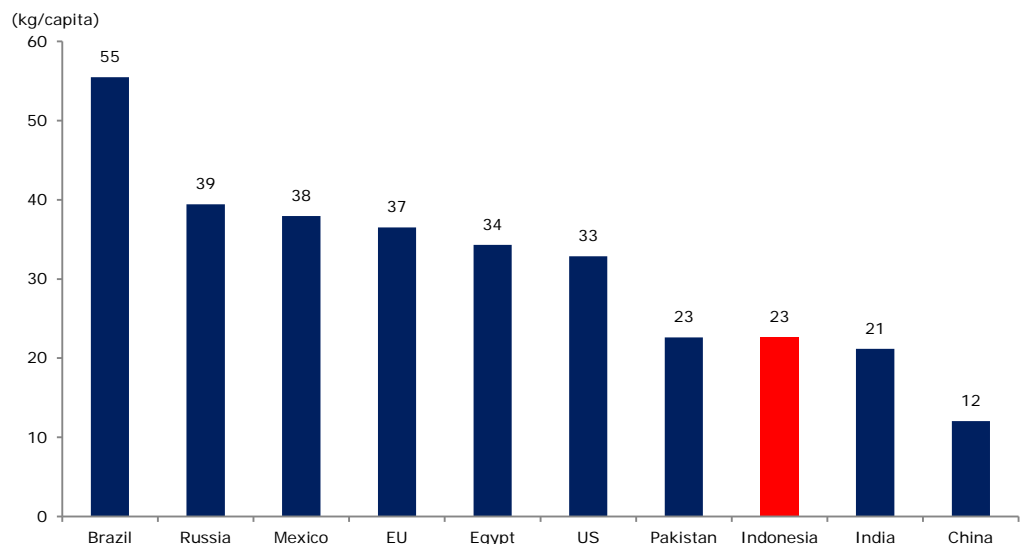
Exhibit 15. Indonesia sugar mills: age and milling capacity breakdown, 2015

Age (years)	Number of plants	Percentage (%)	Milling capacity (tcd)
0-25	5	7.2	29,928
26-50	14	20.3	43,195
50-100	3	4.3	9,256
>100	47	68.1	130,510
Total	69	100	212,888

Source: Bahana

68% of sugar mills in Indonesia, contributing 61% milling capacity, are more than 100 years old

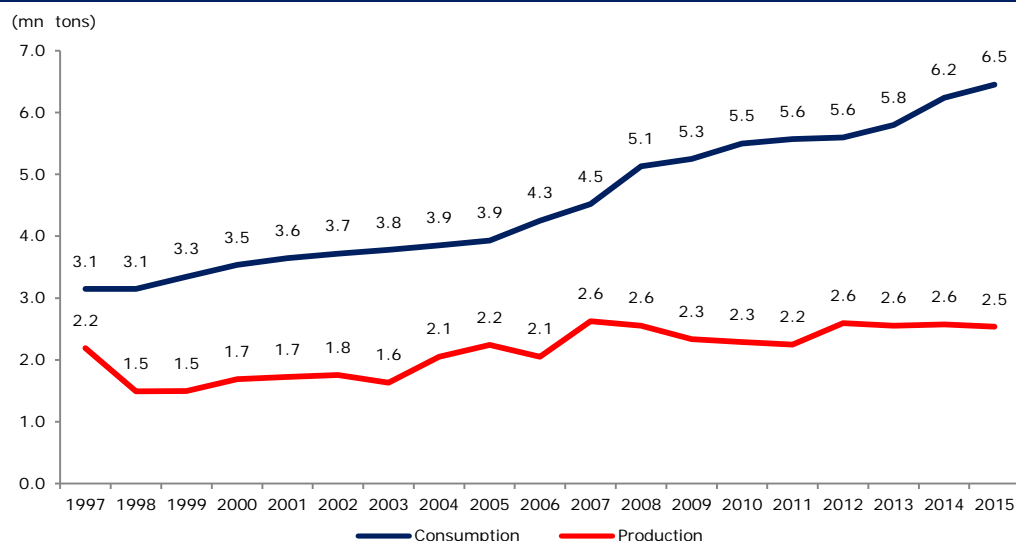
Exhibit 16. Global sugar consumption per capita, 2015



Source: USDA, Bahana

Indonesia has the 8th largest per capita sugar consumption in the world

Exhibit 17. Indonesia sugar production and consumption, 1997-2015



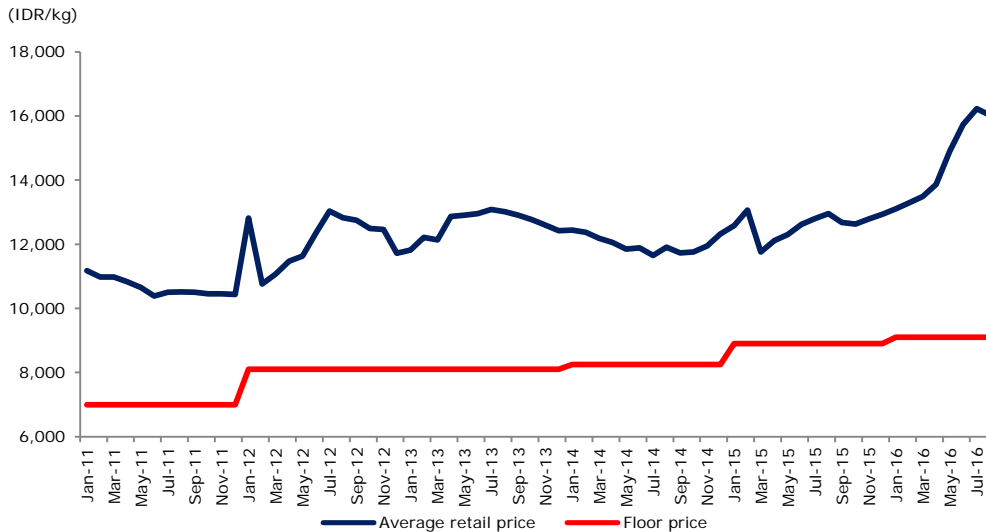
Source: Bloomberg, Bahana

Sugar deficit due to limited development of sugar production outpaced by consumption growth

On the other hand, Indonesia is one of 10 countries with the highest sugar consumption at 23 kg/capita in 2015 (exhibit 16). Domestic sugar consumption doubled from 3.1mn tons in 1997 to 6.5mn tons, for an 18-year CAGR of 10.1%. The rapid growth of sugar consumption, which has outpaced the limited development of sugar production, has created a structural deficit in Indonesia's sugar industry. The deficit has worsened over time from 850k tons in 1997 to 4mn tons in 2015, creating a significant gap (exhibit 17). The prolonged undersupply conditions in the sugar market also have driven the average retail price from IDR10,400/kg in June 2011 to as high as IDR16,200/kg in July 2016 (exhibit 18).

Widening sugar deficit has driven retail price ...

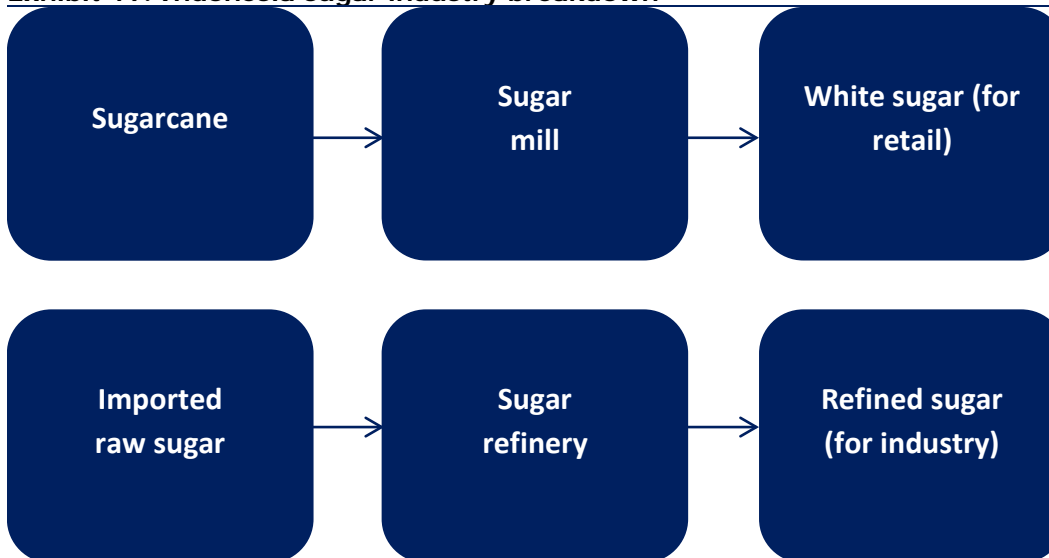
Exhibit 18. Indonesia's sugar retail price and floor price, Jan 2011-Aug 2016



... to 5-year high at IDR16,200/kg in July 2016

Source: Bahana, Bloomberg

Exhibit 19. Indonesia sugar industry breakdown



Indonesia's sugar industry is divided into 2 segments: white sugar for retail consumption and refined sugar for F&B industry

Source: Company, Bahana

Exhibit 20. Indonesia sugar import volume, 1997-2015



Indonesia is dependent on sugar imports to fulfil consumption

Source: Indonesia Statistics Agency

Indonesia relies heavily on sugar imports (exhibit 20) to fulfil the domestic demand and to control the market price amid sugar shortages. As stipulated under Law no.117/2015, private players can import raw sugar and refined sugar after obtaining approval from Trade Ministry, while only SOEs can import white sugar. Raw sugar, mainly imported from Brazil, India, China and Thailand, is used as a raw material to produce refined sugar for the F&B industry (exhibit 19). The Government also maintains import quotas to develop the domestic sugar industry and attain self-sufficiency in sugar production. The quota is shared by Indonesia's 8 sugar refining companies with a total production capacity of 3.6mn tons, and Wilmar group dominates the quota with 960k tons, or 27% of the total capacity. TBLA obtained 262k ton of the sugar import quota in 2016.

Private players can only import raw sugar and refined sugar products

Exhibit 21. List of sugar refining companies in Indonesia

Company	Location	Year established	Total capacity (tons)
PT Angels Products	Serang, Banten	1996	500,000
PT Jawamanis Rafinasi (Wilmar)	Cilegon, Banten	2002	160,000
PT Sentra Usahatama Jaya	Cilegon, Banten	2004	540,000
PT Permata Dunia Sukses Utama	Cigading, Banten	2005	390,000
PT Duta Sugar International (Wilmar)	Cilegon, Banten	2005	800,000
PT Dharmapala Usaha Sukses	Cilacap, Central Java	2007	250,000
PT Sugar Labinta	South Lampung	2007	540,000
PT Makassar Tene	South Sulawesi	2009	200,000
TBLA	Lampung	2014	212,000
Total			3,592,000

Wilmar group dominated the sugar refining industry, accounting for 27% of total industry capacity

Source: Bahana

Exhibit 22. Total investment required in 2017F, worst, base and best scenarios

Details	Worst	Base	Best
Sugar consumption (tons)	6,976,326	6,976,326	6,976,326
Existing plantation area (ha)	464,981	464,981	464,981
Existing plantations yield (tons/ha)	80	80	90
Existing sugar extraction rate (%)	7	7	10
Existing sugar production (tons)	2,629,932	2,603,893	4,184,829
Sugar deficit (tons)	4,346,394	4,372,433	2,791,498
New plantation yield (tons/ha)	80	90	90
New extraction rate (%)	7	10	10
Additional plantation area required (ha)	776,142	485,826	310,166
Additional sugar mill plant needed (units)	37	37	24
Avg. land cost (IDRmn/ha)	20	20	20
Avg. maintenance cost (IDRmn/ha)	25	25	25
Sugar mill capacity (tons)	120,000	120,000	120,000
Sugar mill capex (IDRbn)	1,300	1,300	1,300
Total land acquiring cost needed (IDRbn)	15,522.84	9,716.52	6,203.33
Total maintenance cost needed (IDRbn)	31,028.07	23,770.17	19,378.68
Total sugar mill capex needed (IDRbn)	48,100	48,100	31,200
Total cost (IDRbn)	94,651	81,587	56,782

IDR82tn and 486k ha required to address the sugar deficit in 2017F

Source: Bahana estimates

Exhibit 23. Raw sugar price and Indonesia's sugar floor price, Jan 04-Sep 16



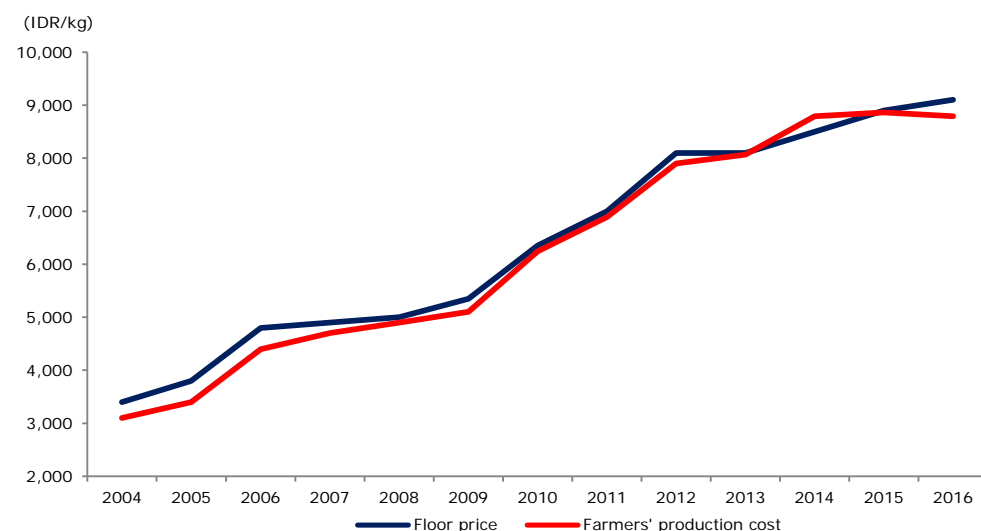
Sugar floor price first introduced in 2004 ...

Source: Bloomberg, Bahana

Apart from the plan to match supply with the domestic demand for sugar in Indonesia, the Government introduced a sugar floor price (exhibit 23) through the issuance of Ministerial Decree no.527/2004 for sugar imports to protect farmers from low selling prices and to encourage local players in planting sugarcane. Indonesia's sugar floor prices are aligned with farmers' cost of production estimated by the Agriculture Ministry (exhibit 24). Declining yields and increases in land rental costs, which contributed c.30% of the total production cost, were the main drivers for farmers' increase in the cost of production. Moreover, the sugar floor price also moved in line with the increase in PTPN's COGS. We believe TBLA, with a lower production cost compared to farmers' and PTPN's production cost, is likely to enjoy supernormal profits, while the inefficiencies in sugar industry are being addressed.

... to protect farmers from low selling price

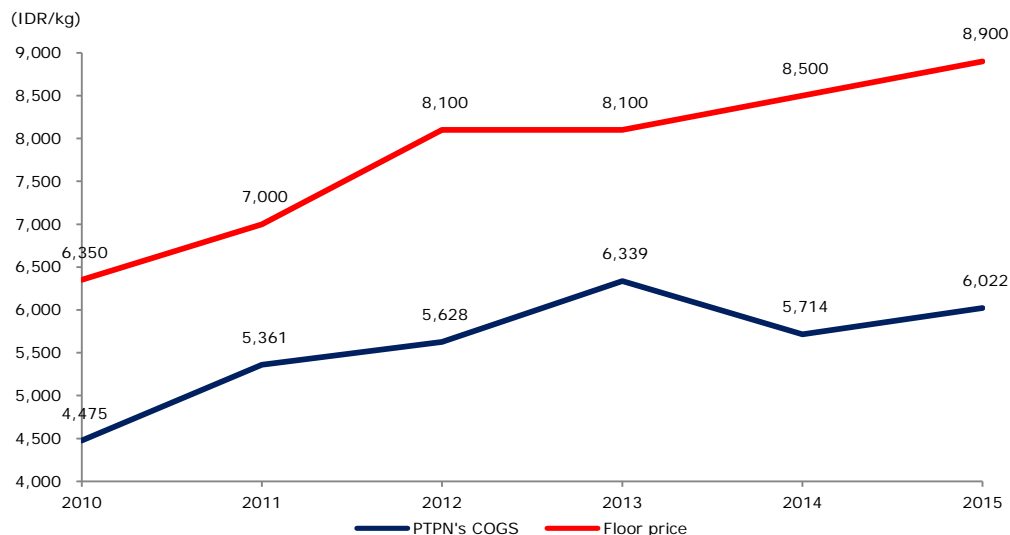
Exhibit 24. Sugar floor price and farmers' production cost, 2004-2016



Floor price aligned with farmers' production cost

Source: Bahana, Agriculture Ministry

Exhibit 25. PTPN's COGS and sugar floor price, 2010-2015



Sugar floor price also moves in line with PTPN's COGS

Source: Bahana, Company

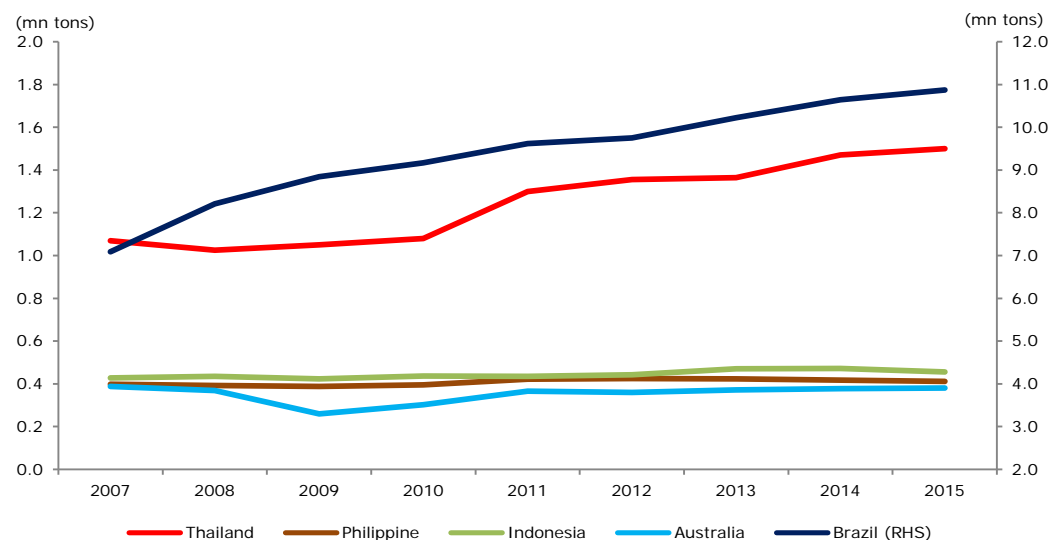
Exhibit 26. Sugarcane production cost, 2014

Production cost	Amount (IDRmn/ha)
Seeds	3.1
Fertilizers	2.9
Pesticides	0.1
Wages	
Land processing	0.9
Planting shade crops	0.0
Planting estate crops	0.8
Maintenance	2.0
Fertilizing	0.7
Pest controlling	0.1
Harvesting	1.8
Land rent cost	7.8
Equipment rent cost	0.3
Fuel	0.1
Agricultural services	1.2
Others	2.4
Production cost - total	24.2

Land rental cost accounts for 32% of total sugarcane production cost

Source: Indonesia Statistics Agency, Bahana

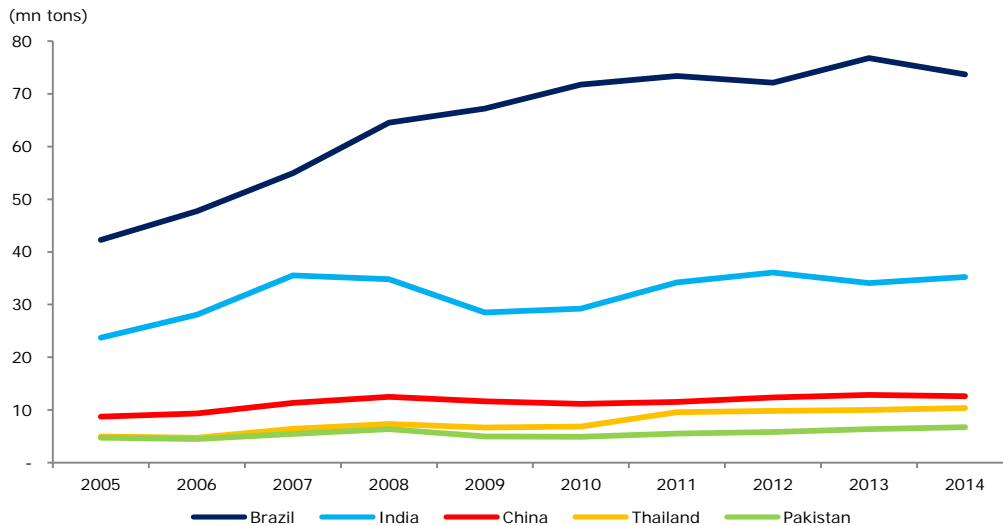
Exhibit 27. World sugarcane planted area, 2000-2015



Brazil had the largest sugarcane planted area at 10.9mn ha in 2015 ...

Source: Indonesia Statistics Agency, FAO, Bahana

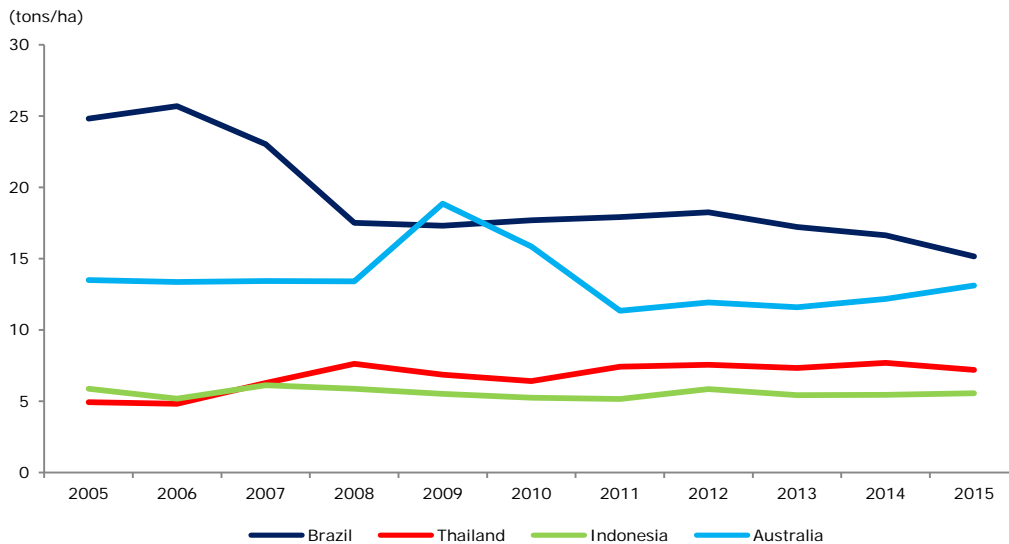
Exhibit 28. Top 5 sugar-producing countries, 2005-2014



... and produced 73mn tons or 42% of global production

Source: Bloomberg

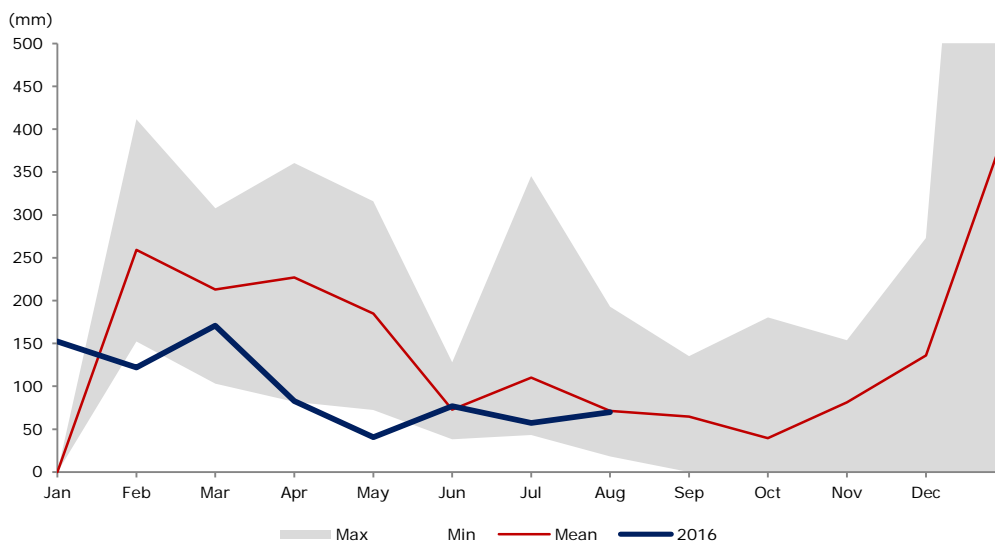
Exhibit 29. World productivity yield, 2015



Australia had much higher productivity yield compared to Indonesia, given similar plantation area at c.400k ha

Source: USDA, Bloomberg, Bahana

Exhibit 30. Lampung rainfall data, 2006-August 2016



Rainfall is currently approaching average in 10-year, Lampung, Sumatra

Source: Bahana

Exhibit 31. Production cost comparison

(IDR/kg)	TBLA's white sugar	TBLA's refined sugar	PTPN's white sugar
Raw material cost	-	5,000	-
Maintenance cost	2,402		2,709
Production cost	2,000	100	3,313
Import duty	-	550	-
COGS	4,402	5,650	6,022

Source: Company, Bahana

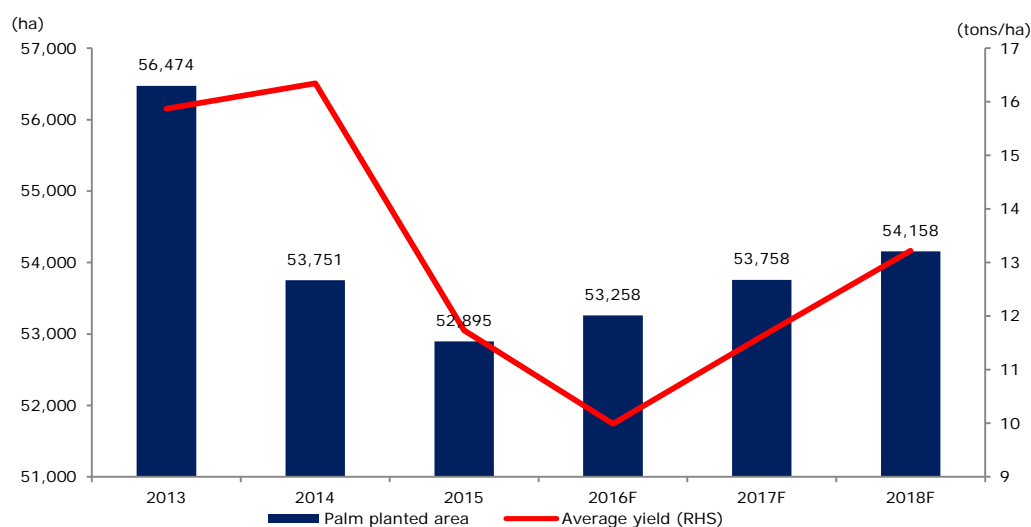
TBLA's production cost for white sugar is 22% cheaper than its refined product, or 27% compared to PTPN's

Exhibit 32. List of upcoming sugar mill investments in Indonesia

Company	Location	Sugar mill capacity (tons)
CPIN, Djarum and Wings group	Sumba, East Nusa Tenggara	150,000
	South Sumatera	150,000
Wilmar group	Manggarai, East Nusa Tenggara	150,000
MEDC	Papua	n/a

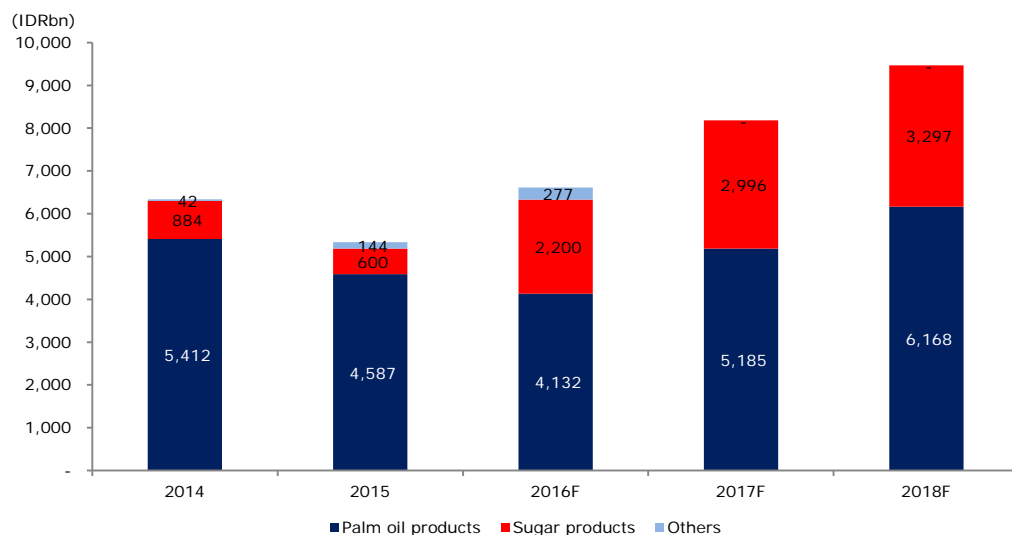
Source: Bahana, Bisnis.com

Several Indonesian conglomerates are reportedly planning to enter the sugar business

Exhibit 33. TBLA's palm plantation area & average yield, 2013-2018F


Source: Company, Bahana

Yield expected to increase post La Nina

Exhibit 34. TBLA revenue contribution per segment, 2014-2018F


Sugar business to contribute 37% of total revenue in 2017F

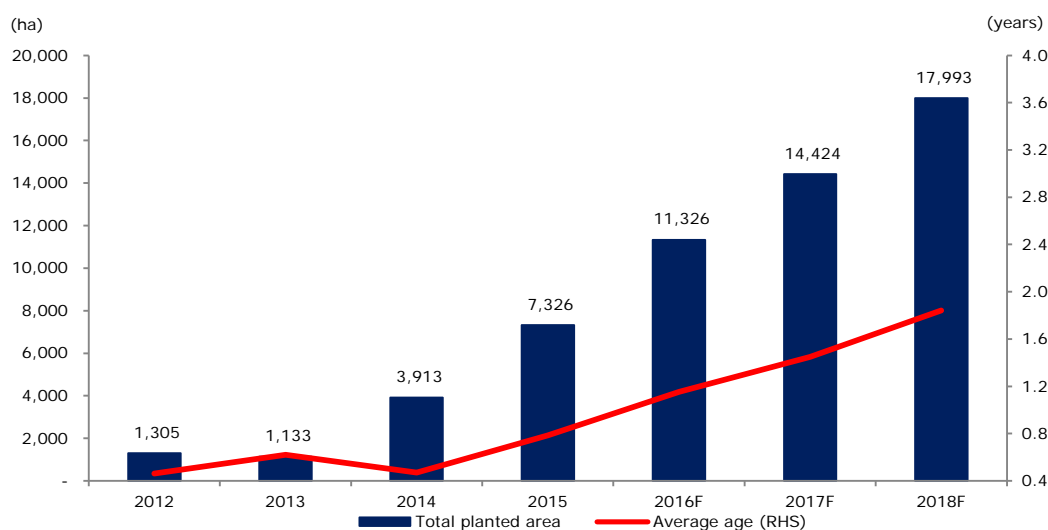
Source: Bahana, Company

Exhibit 35. Sugar vs. CPO gross profit per ton, 2017F

		Sugar			CPO		
	(IDRmn/ha)	Worst	Base	Best	Worst	Base	Best
Yield (tons/ha)		8.5	8.5	8.5	4.5	4.5	4.5
Price (IDRk/ton)		9,100	10,000	12,500	5,980	9,000	13,000
Price less 10% VAT (IDRk/ton)		8,190	9,000	11,250			
Revenue		69.6	76.5	95.6	26.9	40.5	58.5
Planting & maintenance cost		20.0	20.0	20.0	15.0	15.0	15.0
Processing cost		20.0	20.0	20.0	5.0	5.0	5.0
Gross profit		29.6	36.5	55.6	6.9	20.5	38.5

Under a base case scenario, sugar provides 78% higher gross profit per ton compared to CPO

Source: Bahana estimates

Exhibit 36. TBLA's sugarcane planted area & average age, 2012-2018F


TBLA's total sugarcane planted area to reach 17.9k ha by 2018F

Source: Company, Bahana

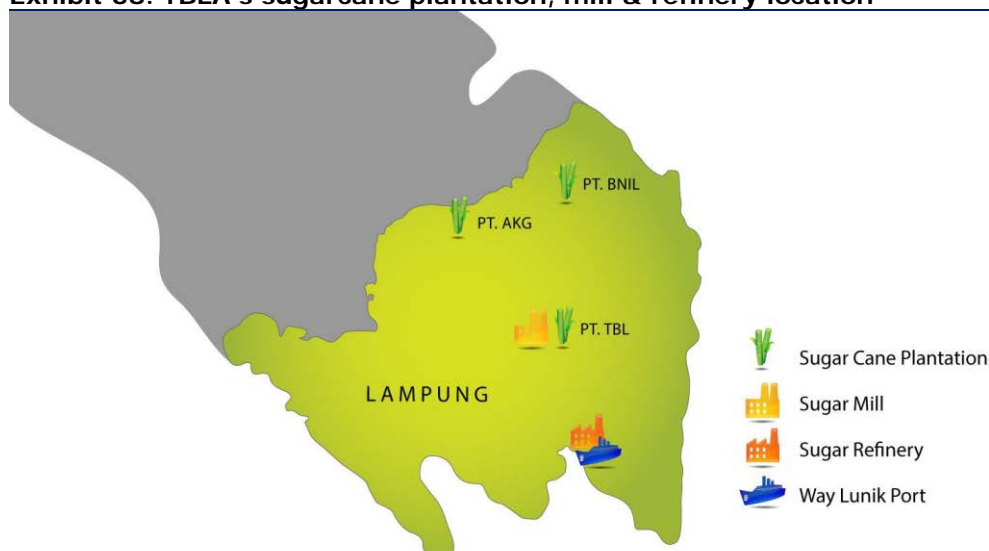
Exhibit 37. TBLA's sugarcane plantation in Terbanggi, Lampung



Source: Bahana

Sugarcane was being harvested, while we visited

Exhibit 38. TBLA's sugarcane plantation, mill & refinery location



Source: Company

The 120k-ton sugar mill plant is strategically located within the company's sugarcane plantation area

Exhibit 39. TBLA's seaport at Way Lunik, Lampung



Source: Company

Private seaport with 600tons/hour loading capacity, easing distribution bottleneck to large market in Java and Sumatera

Exhibit 40. TBLA's sugar mill plant is near completion



Source: Bahana

The sugar mill plant will commence its operation in early 2017, ...

Exhibit 41. Inside the sugar mill plant



Source: Bahana

... featuring 5-stage milling process ...

Exhibit 42. Vacuum boilers



Source: Bahana

... and vacuum boilers to support high sugar extraction rate at 10% in 2017F

Exhibit 43. TBLA's sugar refinery plant



Source: Bahana

Sugar refinery with production capacity of 216k tons p.a.

Exhibit 44. TBLA's imported raw sugar inventory



Source: Bahana

20k tons of raw sugar imported from Brazil

Exhibit 45. Imported raw sugar, before and after refining process



Source: Bahana

Refining process results in white color and higher sucrose content of above 99% for sugar

Exhibit 46. Sum-of-the-parts valuation

Segments	Net profit (IDRbn)	Method	Value
Palm oil business	409.9	2017F PE of 9.0x	3,689
Sugar mill business	267.3	2017F PE of 13.5x	3,608
Sugar refinery business	213.9	2017F PE of 2.5x	214
Total value (IDRbn)			7,833
Shares outstanding (mn)			5,342
Value/Share (IDR)			1,470

Source: Bahana forecasts

Exhibit 47. Peers comparison, 2016F-2017F

	Market cap (USD\$b)	PER (x)		PBV (x)		EV/EBITDA (x)		Div. yield (%)		ROE (%)	
		2016F	2017F	2016F	2017F	2016F	2017F	2016F	2017F	2016F	2017F
CPO business	31.3	27.1	22.1	2.6	2.3	16.0	14.0	2.3	2.7	9.9	10.5
ASTRA AGRO LESTARI TBK PT	2.3	18.8	15.4	1.8	1.7	10.4	8.6	1.8	2.5	10.5	11.6
SALIM IVOMAS PRATAMA TBK PT	0.6	17.3	12.9	0.5	0.5	6.5	5.7	2.1	2.5	2.9	3.8
SAMPOERNA AGRO TBK PT	0.3	14.5	11.7	1.1	1.0	9.4	6.8	1.2	1.8	7.6	9.3
TUNAS BARU LAMPUNG TBK PT	0.4	8.1	6.1	1.3	1.4	9.4	6.3	3.7	7.0	16.4	25.6
PP LONDON SUMATRA INDONES PT	0.8	19.9	14.2	1.4	1.3	9.9	7.6	2.0	2.2	6.7	9.0
SIME DARBY BERHAD	12.0	31.2	22.9	1.6	1.5	16.1	14.0	2.6	3.1	5.3	6.7
IOI CORP BHD	6.7	26.2	24.8	5.3	4.1	19.2	16.9	2.2	2.4	18.9	16.7
KUALA LUMPUR KEPONG BHD	6.2	24.4	22.5	2.5	2.4	15.2	14.3	2.4	2.5	11.2	11.9
GENTING PLANTATIONS BHD	2.0	34.0	25.1	1.9	1.8	20.9	16.6	0.7	0.9	5.3	7.0
Sugar mill business	2.3	93.0	22.9	2.8	2.5	7.2	6.0	2.0	2.3	5.7	9.6
KHON KAEN SUGAR INDUSTRY PCL	0.5	20.6	16.5	1.3	1.2	12.7	11.4	3.2	4.4	5.5	7.9
BURIRAM SUGAR PCL	0.2	22.2	18.2	3.6	3.4	21.5	14.0	1.7	2.1	16.4	17.8
NANNING SUGAR INDUSTRY CO -A	1.1	175.8	30.3	4.6	4.0	na	na	na	na	5.9	12.7
ROGERS SUGAR INC	0.5	14.8	15.1	na	na	10.9	9.9	5.5	5.5	na	na
Sugar refinery business	0.2	6.0	5.0	1.2	1.1	2.3	2.0	9.1	11.2	19.9	18.3
DANGOTE SUGAR REFINERY PLC	0.2	6.0	5.0	1.2	1.1	2.3	2.0	9.1	11.2	19.9	18.3
Weighted Average	33.8	126.1	50.0	6.5	5.8	25.5	21.9	13.3	16.2	35.5	38.4

Source: Bloomberg, Bahana Note: Pricing as of 7 October 2016

Tunas Baru Lampung

Year to 31 December	2014	2015	2016F	2017F	2018F
PROFIT & LOSS (IDRbn)					
Sales	6,338	5,331	6,609	8,181	9,465
Gross profit	1,293	1,170	1,452	2,187	2,555
EBITDA	1,065	598	999	1,619	1,988
Depreciation	270	(6)	217	285	337
EBIT	795	604	782	1,334	1,651
Net interest inc./(expense)	(201)	(219)	(236)	(278)	(308)
Forex gain/ (losses)	(105)	(165)	34	-	-
Other income/ (expense)	73	43	50	62	72
Pre-tax profit	562	263	630	1,119	1,415
Taxes	(126)	(62)	(126)	(224)	(283)
Minority interest	(3)	(4)	(4)	(4)	(4)
Net profit	433	197	500	891	1,128

2017F revenue at IDR8,181bn, +23.8% y-y on accelerated contribution from sugar business

BALANCE SHEET (IDRbn)

Cash and equivalents	520	296	799	662	650
Trade receivables	711	797	575	858	981
Inventories	956	1,146	937	1,264	1,389
Fixed assets	2,843	4,442	5,337	6,144	6,765
Other assets	2,288	2,601	2,551	3,074	3,637
Total assets	7,328	9,293	10,208	12,012	13,433
Interest bearing liabilities	3,194	4,690	4,887	5,687	6,287
Trade payables	292	330	297	371	406
Other liabilities	1,388	1,386	1,778	2,186	2,506
Total liabilities	4,875	6,406	6,962	8,244	9,199
Minority interest	18	21	26	33	38
Shareholders' equity	2,436	2,866	3,219	3,736	4,196

Increasing debt levels ...

CASH FLOW (IDRbn)

EBIT	795	604	782	1,334	1,651
Depreciation	270	(6)	217	285	337
Working capital	(308)	(0)	629	(619)	(299)
Other operating items	(214)	(517)	166	(150)	(270)
Operating cash flow	543	80	1,794	850	1,419
Net capital expenditure	(999)	(713)	(1,345)	(1,420)	(1,368)
Free cash flow	(455)	(632)	450	(569)	51
Equity raised/(bought)	289	(5)	-	-	-
Net borrowings	105	360	195	801	600
Other financing	(67)	161	(142)	(369)	(663)
Net cash flow	(128)	(116)	503	(136)	(12)
Cash flow at beginning	648	520	296	799	662
Cash flow at end	520	296	799	662	650

... to finance expansion of its palm and sugarcane plantations

RATIOS

ROAE (%)	20.5	7.4	16.4	25.6	28.5
ROAA (%)	6.4	2.4	5.1	8.0	8.9
Gross margin (%)	20.4	22.0	22.0	26.7	27.0
EBITDA margin (%)	16.0	15.4	15.1	20.2	21.5
EBIT margin (%)	12.5	11.3	11.8	16.3	17.4
Net margin (%)	6.8	3.7	7.6	10.9	11.9
Payout ratio (%)	70.3	28.3	75.0	75.0	75.0
Current ratio (x)	1.1	1.1	0.7	0.8	0.8
Interest coverage (x)	2.6	3.8	2.7	3.2	4.7
Net gearing (%)	109.8	153.3	127.0	134.5	134.3
Debts to assets (%)	43.6	50.5	47.9	47.3	46.8
Debtor turnover (days)	32	58	32	38	38
Creditor turnover (days)	17	27	21	23	21
Inventory turnover (days)	63	94	66	77	73

Improved margins in 2017F as a result of recovery in CPO prices

MAJOR ASSUMPTIONS

FFB production (k tons)	719	542	462	527	577
Growth (%)	(3)	(25)	(15)	14	9
CPO production (k tons)	214	296	213	261	299
Growth (%)	1	38	(28)	22	14
ASP CPO (IDR/kg)	9,000	7,500	8,000	8,923	9,538
Sugar plantation (ha)	1,133	3,913	7,326	11,326	14,424
ASP Sugar (IDR/kg)	na	na	11,000	10,000	10,000
Avg. exchg. rate (IDR/USD)	11,875	13,393	13,400	13,000	13,000

FFB production to recover in 2017-18F post La Nina

Source: Company, Bahana estimates

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Japan Securities Investment Advisers Association
Type II Financial Instruments Firms Association