

TPI Polene Public Company Limited

Opportunity Day, September 2 , 2022





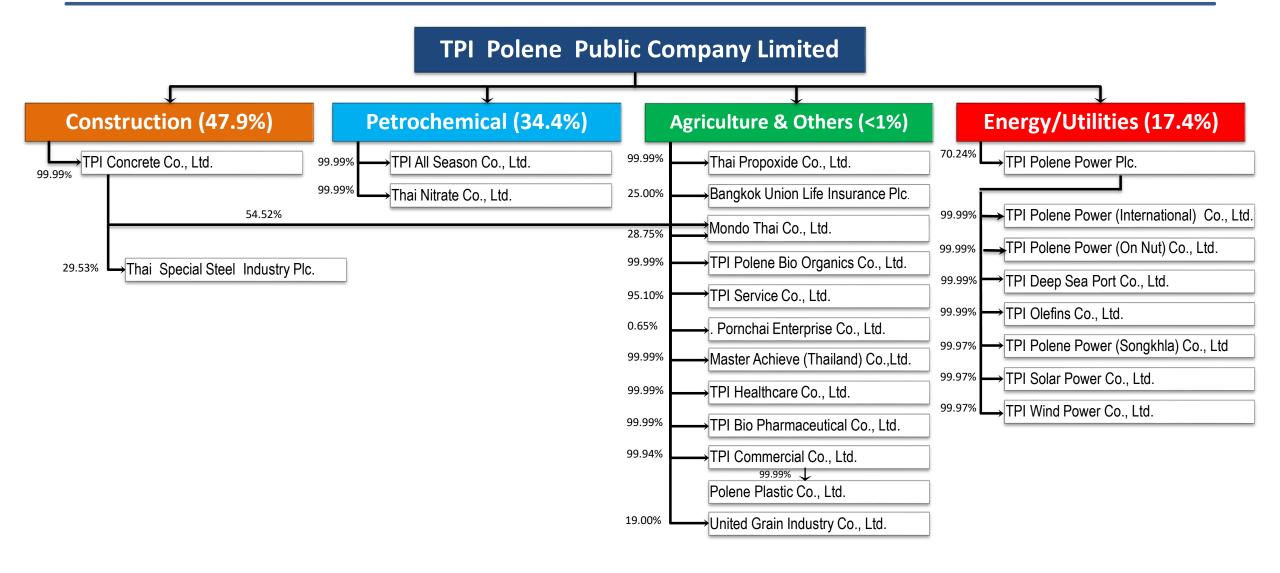
Section 1	The Group	
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Section 1: The Group

The Corporate Structure





Our Products – Close to 5,000 SKUs



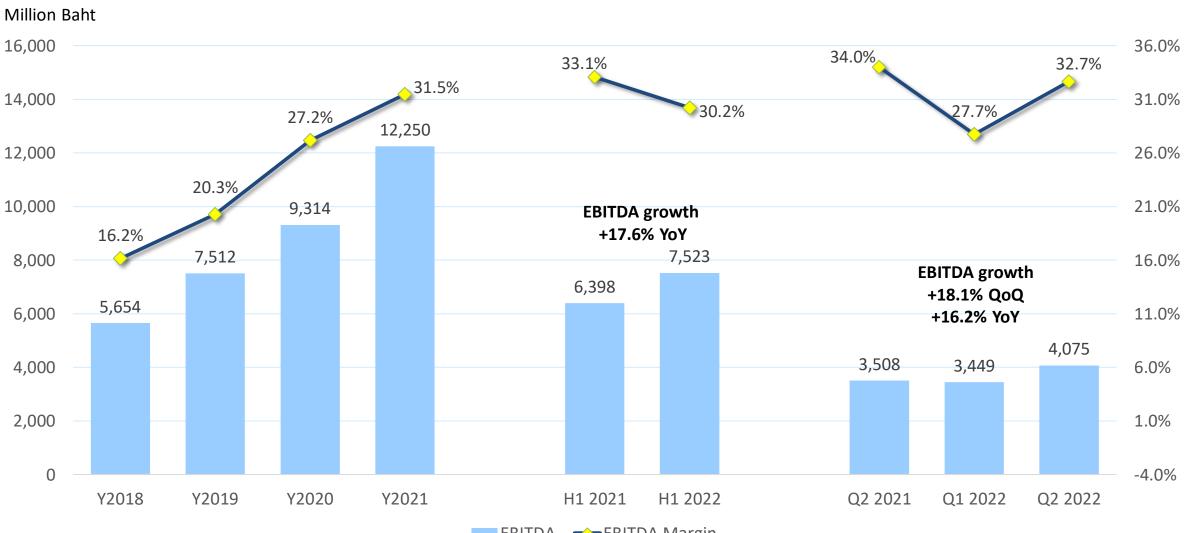




H1 Year 2022 (THB m)	Sales F	Revenue	EBITDA		
Construction Materials	11,932	47.9%	1,923	25.6%	
Petrochemical & Chemicals	8,570	34.4%	3,317	44.1%	
Energy & Utilities	4,337	17.4%	2,256	30.0%	
Agriculture	72	0.3%	24	0.3%	
Other gains (losses)			2	0.0%	
Total	24,911	100.0%	7,523	100.0%	



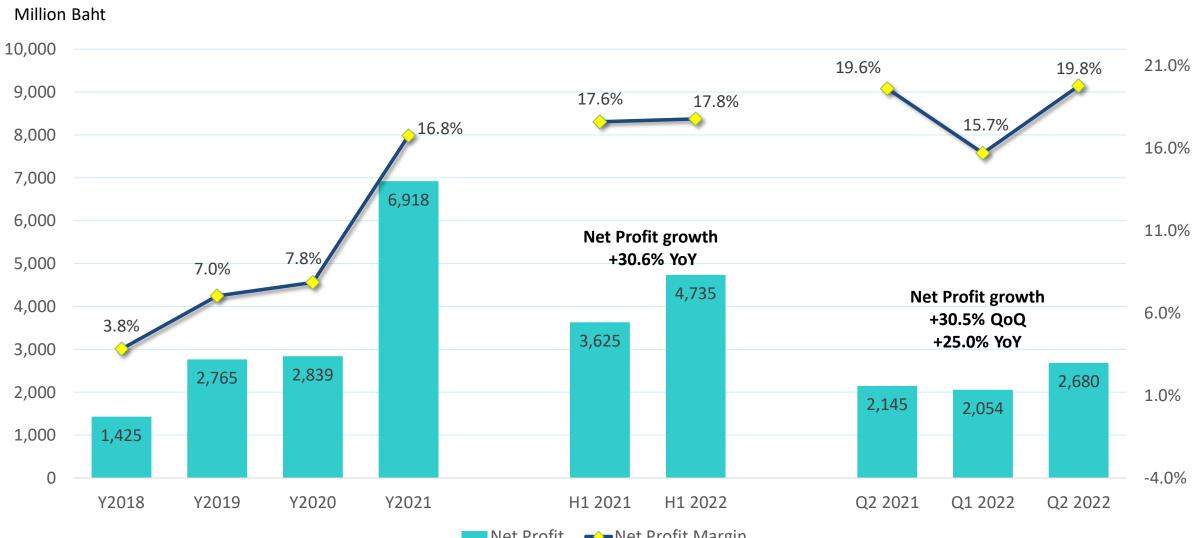
EBITDA & EBITDA Margin



EBITDA — EBITDA Margin



Net Profit & Net Profit Margin





Key Investment Ratios

As of June 30, 2022, except otherwise specified

Total Equity Total No. of share	60,465.73 MB 18,935.24 M. shares
Book Value per Share	3.19 Baht/share
TPIPL Market Price (Sep 1, 2022) Market Price / Book Value per Share (Sep 1, 2022)	1.68 Baht/share 0.53 Times
Earning per Share (H1 Y2022 Annualized) Price Earning Ratio (P/E Ratio)	0.446 Baht/share 3.76 Times
Dividend per Share Dividend Yield (Sep 1, 2022)	0.09 Baht/share 5.36 %
EBITDA (H1 Y2022 Annualized) Net Interest Bearing Debt (Net IBD)	15,046.90 MB 55,315.51 MB
EBITDA / Net IBD	27.20 %
Net IBD / EBITDA	3.68 Times



Section 2: Segment Highlights Cement, Concrete, LDPE/EVA, Nitrate Energy/Utilities

Snapshot of the segments 2Q22

TPIPL

ТНВ т	2Q22	YoY	QoQ	% of Total	1H22	YoY	% of Total
Segment sales							
Construction Materials	5,916	29%	-2%	47%	11,932	32%	48%
Petrochemical & chemicals	4,319	28%	2%	35%	8,570	52%	34%
Energy & Utilities*	2,199	-5%	3%	18%	4,337	-5%	17%
Agriculture and Others **	42	-5%	41%	0.3%	72	-1%	0.3%
Consolidated	12,476	21%	0.3%	100%	24,911	29%	100%
ЕВПДА	2Q22	YoY	OoO 1	% of Total	1H22	YoY	% of Total
Construction Materials	1,142	128%	46%	28%	1,923	82%	26%
Petrochemical & chemicals	1,786	20%	17%	44%	3,317	35%	44%
Energy & Utilities*	1,132	-25%	1%	28%	2,256	-22%	30%
Agriculture and Others **	13	82%	15%	0.3%	24	879%	0.3%
Consolidated - incl other gains/losses	4,075	16%	18%	100%	7,523	18%	100%
EBITDA margins	2Q22	1Q22	2Q21		1H22	1H21	
Construction Materials	19%	13%	11%		16%	12%	
Petrochemical & chemicals	41%	36%	44%		39%	43%	
Energy & Utilities*	51%	53%	66%		52%	63%	
Agriculture and Others **	31%	38%	16%		34%	3%	
Consolidated - incl other gains/losses	33%	28%	34%		30%	33%	
Profit before tax	2Q22	YoY	QoQ		1H22	YoY	
Construction Materials	230	-167%	-302%		116	-118%	
Petrochemical & chemicals	1,727	19%	18%		3,196	35%	
Energy & Utilities*	863	-29%	0%		1,722	-25%	
Agriculture and Others **	1	-242%	-1758%		1	-105%	
Profit before tax	2,822	22%	27%		5,035	25%	

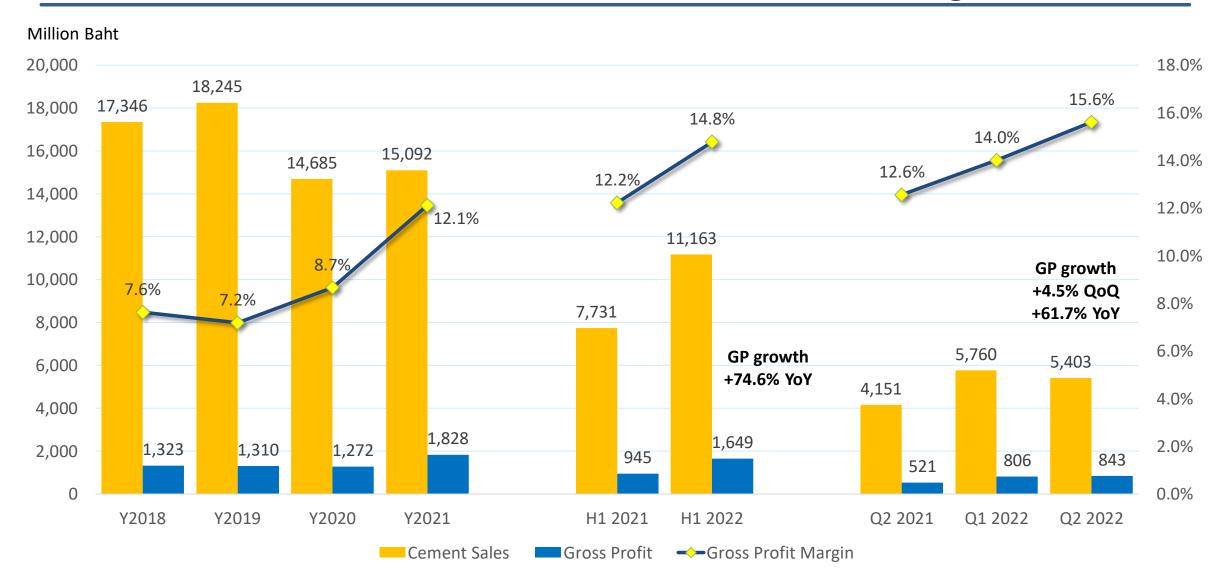
Notes: * TPIPP excl sales to TPIPL, **Bio-organics, Bio-Tech, Bio-Pharma, Healthcare and others

2Q22 highlights

- Construction material sales were up 29% YoY mainly due to price adjustments
- The EBITDA improvement is larger, +128% YoY, due to the high operating leverage nature of the business as well as ongoing cost savings and efficiency measures
- The Petrochemical & Chemical sales and EBITDA grew 28% YoY, 20% YoY, respectively, continuing to enjoy favorable prices and spreads. The high HVA bias of the product portfolio kept segment's margin high
- Energy and Utilities sales and EBITDA were down slightly on lower volumes and expiration of the adder for the 18 MW project.

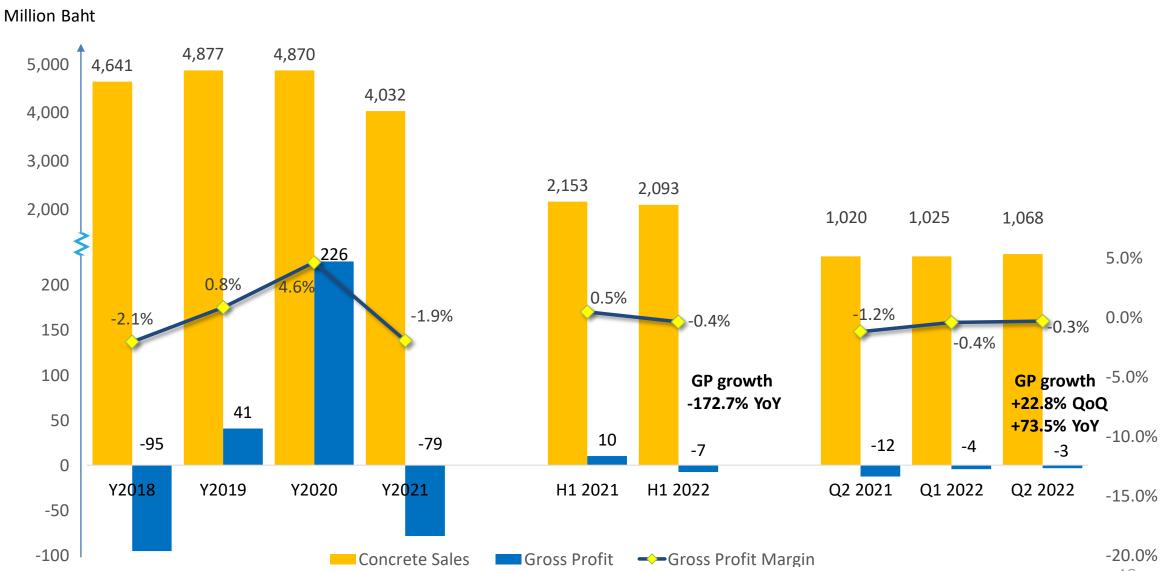


Cement - Sales Revenue & Gross Profit Margin





Concrete - Sales Revenue & Gross Profit Margin

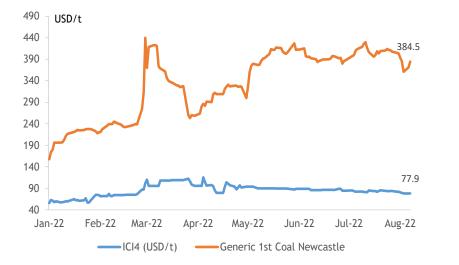


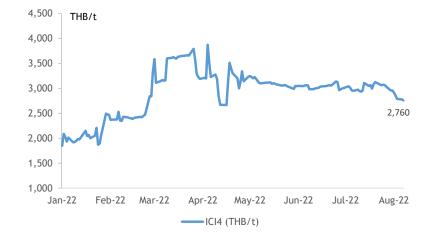
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Segment's most influencing factor

Coal prices broke the range and started trading higher

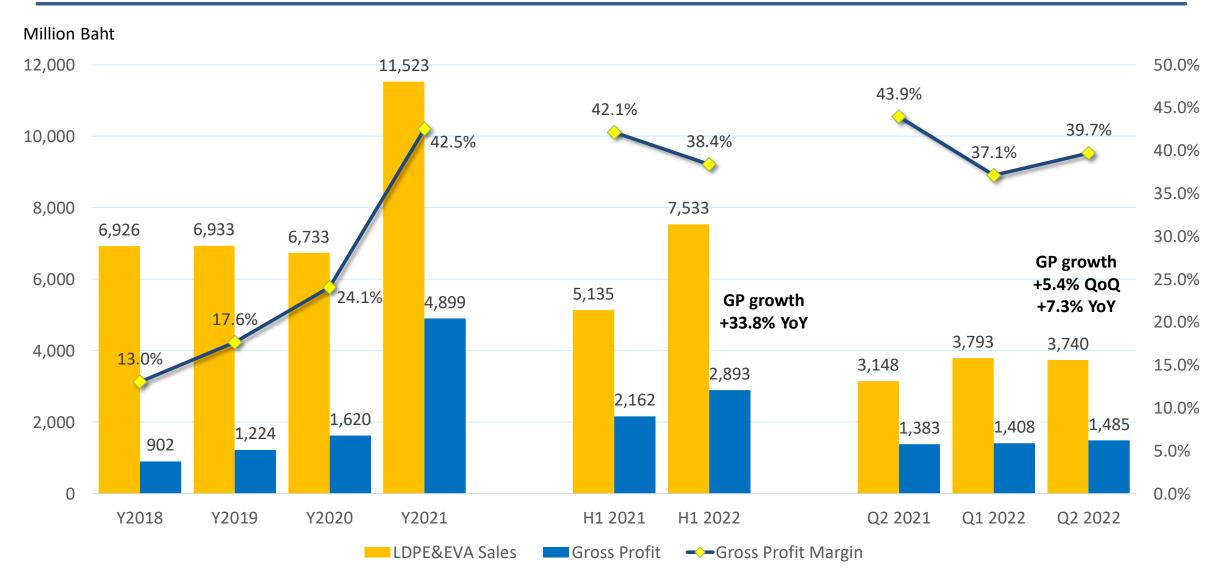




Source: Bloomberg

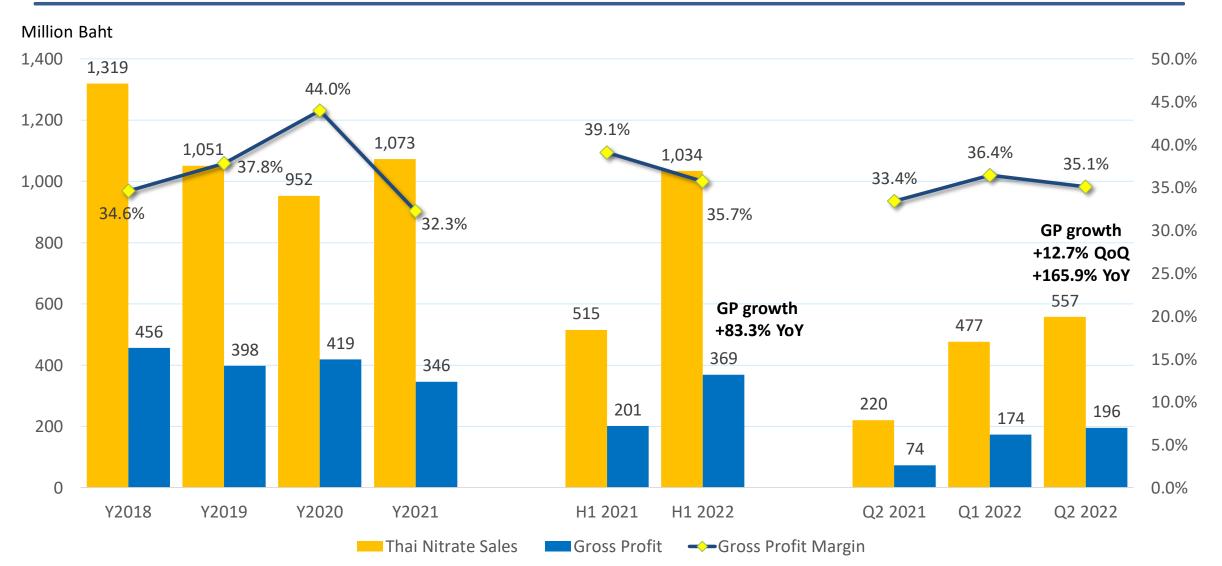


LDPE & EVA - Sales Revenue & Gross Profit Margin





Nitrate - Sales Revenue & Gross Profit Margin





Segment's most influencing factor

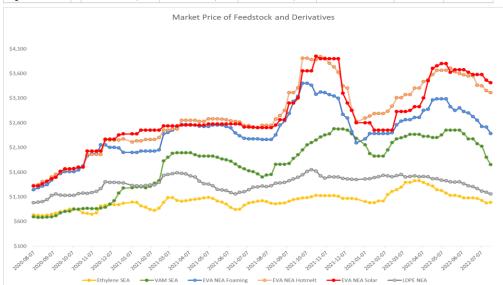
HVA positioning of EVA– Hotmelt and Solar insulates revenues and margins

				Spread Differential over EVA Foam		
USD/ton	EVA Foam	EVA Hotmelt	EVA Solar	Hotmelt	Solar	
1Q21	1,134	1,223	1,342	8%	18%	
2Q21	1,358	1,407	1,321	4%	-3%	
3Q21	1,375	1,562	1,467	14%	7%	
4Q21	1,770	2,232	2,179	26%	23%	
1Q22	1,134	1,505	1,195	33%	5%	
2Q22	1,490	2,038	2,037	37%	37%	

Comparative spread of various EVA grades*

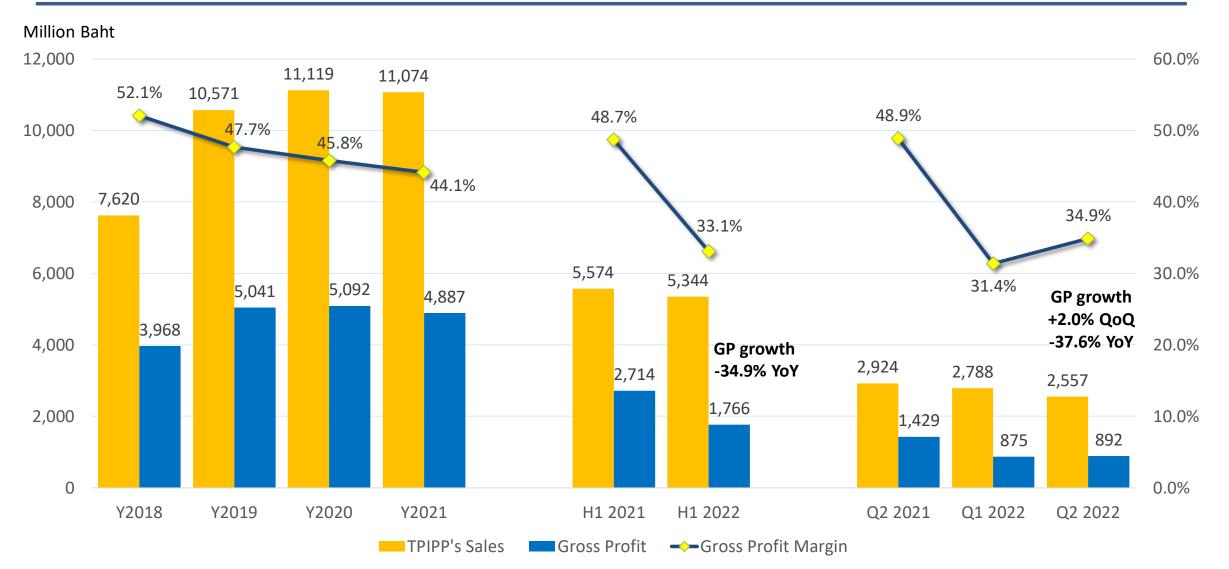
Product Portfolio 1H22

EVA Foam	21%
EVA Hotmelt	67%
EVA Solar	12%
	100%





Energy/Utilities - Sales Revenue & Gross Profit Margin

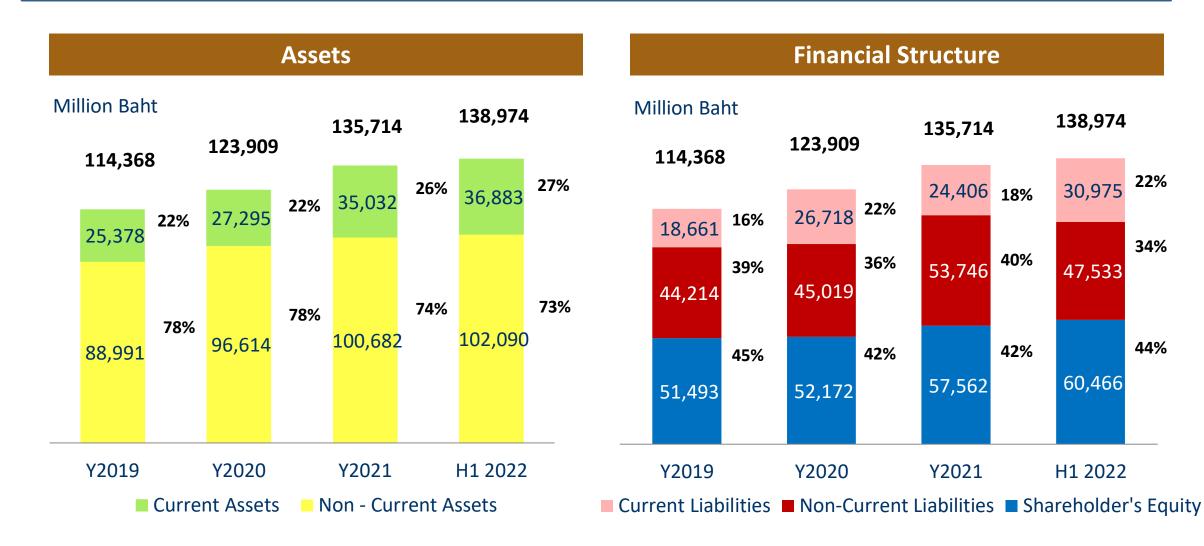




Section 3: Capital Structure

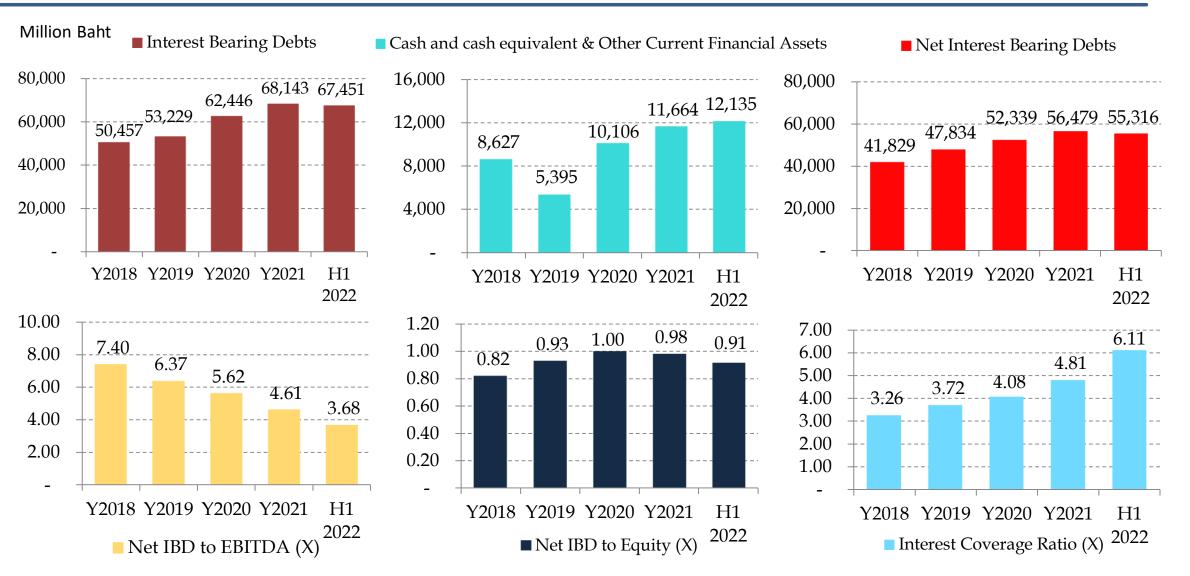


Financial Structure





Debt Profile and Leverage Ratios



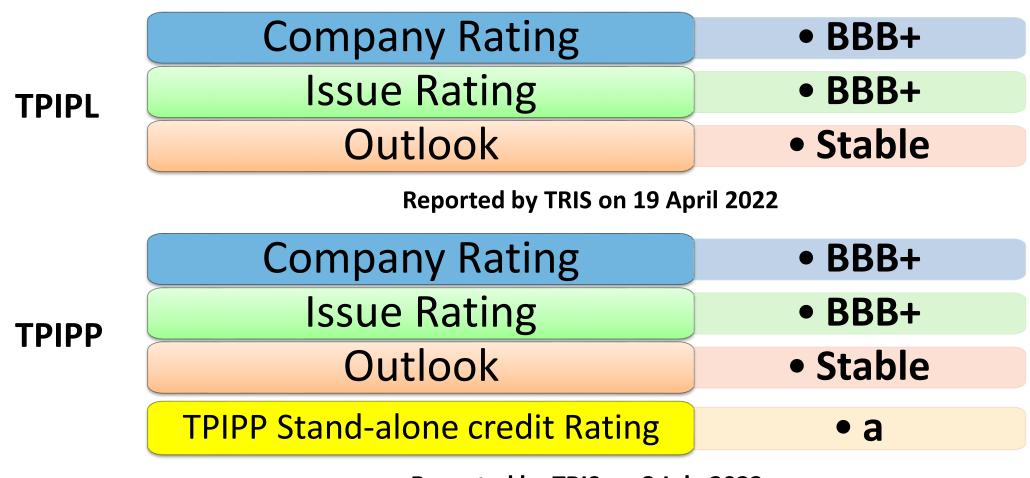


Total Assets, Liabilities & Equity - June 30, 2022

Current Assets	36,883.32 MB
Non – Current Assets	102,090.35 MB
Total Assets	138,973.68 MB
Interest Bearing Debt - Current	22,600.49 MB
Interest Bearing Debt - Long – Term	44,850.25 MB
Total Interest Bearing Debt	67,450.74 MB
Non - Interest Bearing Debt - Current	8,374.75 MB
Non - Interest Bearing Debt - Long – Term	2,682.45 MB
Total Non - Interest Bearing Debt	11,057.20 MB
Total Liabilities	78,507.94 MB
Equity attributable to owners of the parent	51,090.95 MB
Non-controlling interest	9,374.79 MB
Total Equity	60,465.73 MB
Total Liabilities and Equity	138,973.68 MB



Company Credit Rating



Reported by TRIS on 8 July 2022



Section 4: Project Pipeline



Plant Operation Improvements and Future Projects

• Cement Business

- Improve kiln to use MSW fuel 25-30 % completed by Q4/2022 \rightarrow cost saving by Baht 1,300 1,500 Million p.a.
- Install system for Aggregate and CDE plants, COD by Q1/2023 \rightarrow cost saving by Baht 120 Million p.a.
- Electric dump trucks for quarry , fully effective by Q4/2022 \rightarrow cost saving by Baht 180-200 Million p.a.
- Expand mortar plant capacity by 660,000 ton p.a. COD by Q4/2023

Power Plant

- In year 2022

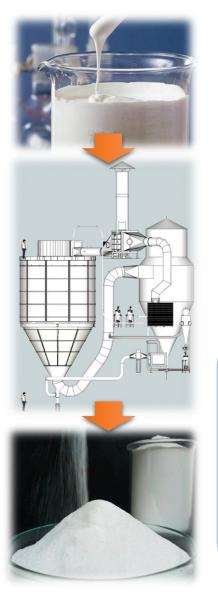
- Upward Trend of FT Adjustment in year 2022 \rightarrow increase EBITDA by Baht 1,068 million in year 2022.
- Increase RDF usage in TG7&TG8 in year 2022 \rightarrow cost saving by Baht 168 million in year 2022.
- Additional EBITDA from RDF sold to TPIPL \rightarrow increase EBITDA by Baht 36 million p.a. in year 2022 onwards.
- Decrease administrative expense.

- In year 2023 onwards

- Increase RDF usage in TG7 (COD Apr 2023) → cost saving by Baht 500 million p.a., and TG8 (COD 2025) → cost saving by Baht 1,500-2,500 million p.a., totaling Baht 2,000-3,000 million p.a.
- RDF plant expansion (COD 2023) will reduce RDF cost by Baht 150/ton \rightarrow cost saving by Baht 120 million p.a.
- RDF Power Plant in Songkla and Nakornratchasima , COD in 2024 \rightarrow increase EBITDA by Baht 600 million p.a.
- Other potential bidding projects according to the Energy Regulator Commission (ERC) announcement.
- Solar Power Plant target 800 MW Capacity in 2023-2030.
- LDPE/EVA
 - Increase new EVA powder capacity by Q4/2022 \rightarrow increase EBITDA by Baht 40 60 million p.a
 - New value added products by Q3/2022 \rightarrow increase EBITDA by Baht 15-20 million p.a.
 - Increase HVA EVA capacity by 10% 2023



Commercialize a new EVA Powder Plant by Q4/22



Increase EVA powder installed capacity 6,000 tpa.

Making the total capacity jump 4x

TPI is one of two world leading producers that has all EVA types.

YNERGY of having EVA Resin, EVA Emulsion, and Powder

- Share infrastructure, raw materials
- Utilized waste steam and waste Ethylene purge gas from EVA high pressure process
- Reduce raw material and processing costImprove environment

<u>Applications</u>: construction material additive, adhesive mortar, skim coat, wall putty

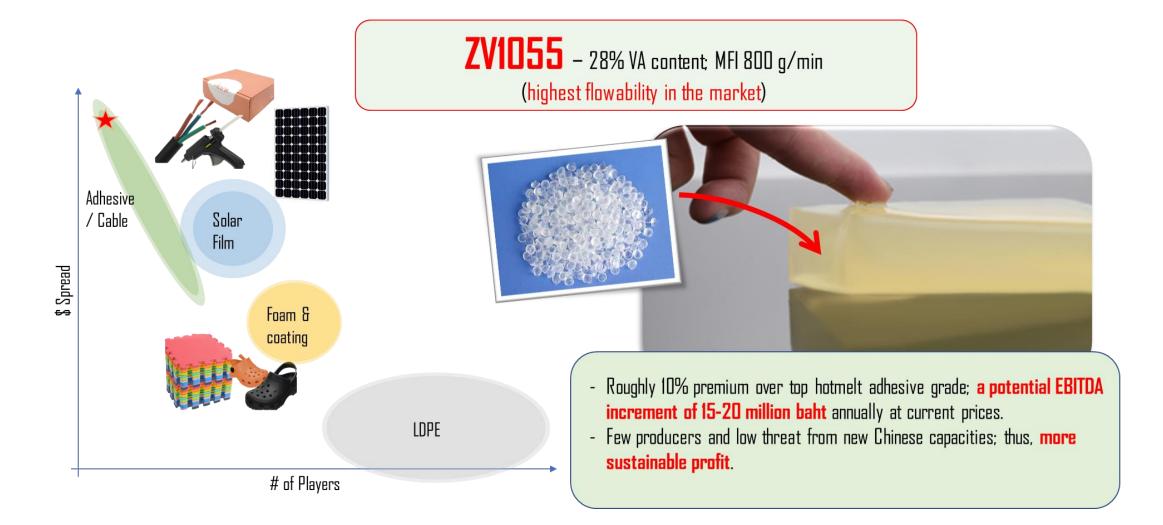


EVA Powder <u>spread is 5x EVA emulsion</u>, and <u>less price volatile</u> than EVA resin

Potential EBITDA increase of 40-60 million Baht on annualized basis at current margins will be realized in 2023.

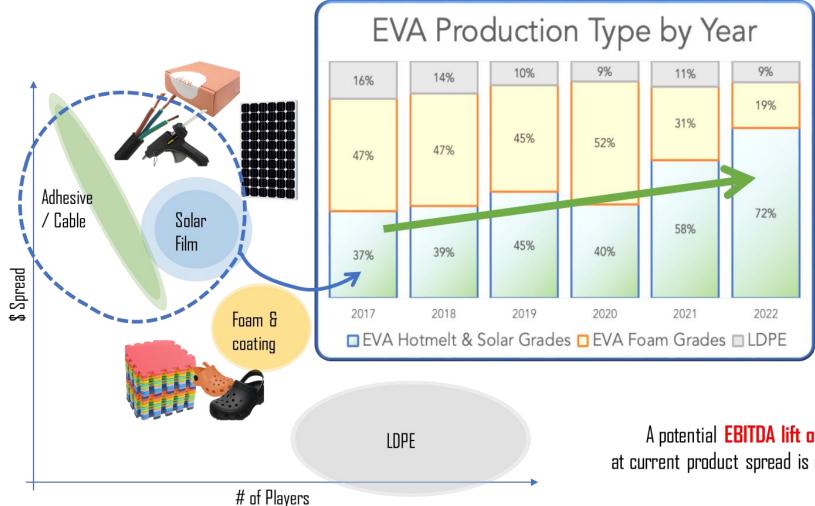


Commercialize a new value added EVA in Q3/22





Increase HVA EVA Production Rate by 2023



Although, HVA EVA grades has better price premium over foaming grades, most plants suffer rate reduction trade-off.

has successfully recovered those penalties and will further improve to surpass the original capacity. We expect total **capacity of** HVA EVA products will increase around 10%.

A potential **EBITDA lift of 200-300 million Baht** on annualized basis at current product spread is expected **in 2023**.

*Data in 2022 is from Jan – July 2022.



Section 5: Our ESG Drive

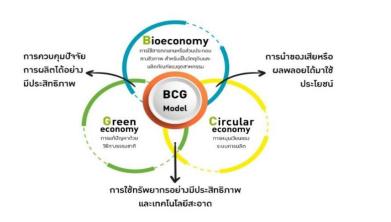
Environmental, Social and Governance Scorecard



Economic Dimension	Environmental Dimension	Community and Social Dimension	Corporate Governance Dimension
Total Revenue Baht 41,279 million	Certified Carbon Credit T-VERs by TGO - Jul 2015 - Apr 2017 = $82,056 \text{ tCO}_2 \text{ eq}$ Sold $34,690 \text{ tCO}_2 \text{ eq}$ Net $47,366 \text{ tCO}_2 \text{ eq}$ - 1 May 2017 - 31 Dec 2020 = $717,931 \text{ tCO}_2 \text{ eq}$ Balance $765,297 \text{ tCO}_2 \text{ eq}$	Donated community and social assistance Baht 153.51 million	TPIPL ranking in top ESG emerging securities list in 2022
Employees Wages and benefits Baht 6,346 million	Carbon reduction from landfill by 5.08 million tons of CO ₂ equivalent under registration with TGO	Injury Frequency Rate (IFR) of employees and contractors 0.169 ⁽¹⁾ and 0.276 ⁽¹⁾	TPIPP, one of the 100 top companies in ESG 100 in 2022
Tax expense Baht 177.90 million	used all types of waste of 2.19 million tons, as a substitute for coal.	No loss time injury (hrs) 3,705,787 hrs ⁽¹⁾ (increase of 21.90% over 2020)	TPIPP receives ESG credit ESG Credit The Sustainability Currency
Net Profit Baht 6,918 million	Waste fuel is used instead of coal at cement plant 105,997 tons ⁽¹⁾ (The machines have not yet run full year operation.)	Death and injury rates from work of employees and contractors 0	Awarded CG score A A A from The Thai Institute of Directors Association (IOD)
Dividend per share Baht 0.09 (Cash Dividend)	Proportion of reused water 50% ⁽¹⁾	Average training hours to employees 22.62 hrs/person/year ⁽¹⁾	Proportion of Independent Directors 35.71% ⁽¹⁾
	Waste management with 3 R of total waste quantity 99.92% ⁽¹⁾	Customer satisfaction/Satisfaction in solving problems to customers 86.40% ⁽¹⁾ and 95.40% ⁽¹⁾	Proportion of Female Directors 21.43% ⁽¹⁾
	Project value to reduce Environmental Impacts Baht 2,210 million ⁽¹⁾		No complaints of Discrimination ⁽¹⁾

ESG Awards









ESG Credit The Sustainability Currency











Section 6: Other Matters

Litigation Cases



Case	Case Case Plaintiff	Plaintiff	Charge/ Offense	The Court ordered the Company by Environmental Acts B.E. 2535 to either		status
Cube				Pay Value (Mil.Baht)	Or Fill Industrial Mineral Rock (Mil.Ton)	Status
Sor Vor 4/2559	8/7/2015	Department of Primary Industry The violation in and Mines, mining activity		4,047	31.52	Pending the Supreme Court Consideration
Sor Vor 5/2559	24/3/2016		nd Mines, mining activity 1 inistry of (under Mineral adustry (no Acts B.E. 2510 and uthority in Environmental	1,603	12.48	Pending the Supreme Court Consideration
Sor Vor 6/2559	24/3/2016	Ministry of Industry (no		314	2.45	Pending the Supreme Court Consideration
Sor Vor 1/2560	2/3/2017	authority in Environmental		326	1.22	Pending the Supreme Court Consideration
Sor Vor 2/2561	21/6/2018	Acts B.E. 2535)	,	67	0.25	Pending the Supreme Court Consideration
Total			6,357	47.92		

The Company did not commit any offense as accused by the Plaintiff and is of opinion that

- The disputed lands (buffer zones) sued by the Department of Primary Industry and Mines, Ministry of Industry, who has no authority in ٠ the Enhancement and Conservation of National Environmental Quality Act, B.E. 2535. (Environmental Acts B.E. 2535) were legally belonging to the Company as they were within concession areas.
- The Company has approx. 600 million tons of industrial mineral rock in the concession area, and by the end of such concession period, ٠ the Company will still have approx. 400 million tons of industrial mineral rock left and forfeited. Therefore, the Company has no reason to commit any illegal act as accused. At the moment, the concession for all these areas have been renewed including the disputed buffer zones.

From December 2021 until Q2 2022, the Company has been granted limestone and shale concession for the manufacturing of cement industry from the Department of Primary Industries and Mines, with long-term concession period of 27 years for limestone and shale reserves total 415.58 million tons. 33



		Charge/	Court ordered	
Case Date	Plaintiff	Plaintiff Offense Value (M Baht)		status
2/6/2017	Tham Phra Phothisat Temple	The court called the Company to be an interpleader for the claim that the Defendants' issuance of Prathanabat to the Company is done in contradiction to regulation of Ministry of Interior	Depend on the value of rock used	The Central Administrative Court dismissed the lawsuit Pending in the Supreme Administrative Court
20/6/2019	Tham Phra Phothisat Temple	The application for Prathanabat of the Company is unlawful	unspecified	Pending in the Central Administrative Court
16/12/2019	222 individuals	Sue requesting for revocation of the approval of EHIA report for the 150 MW power plant, the license to operate the business and the construction approval of the subsidiary.	-	Pending in the Central Administrative Court



Q&A

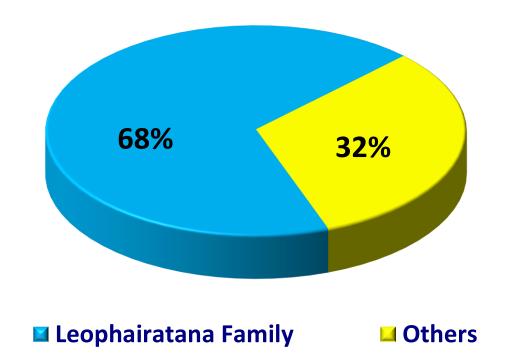


Supplementary Information



Shareholders – March 10, 2022

Shareholding Structure



Note : On July 27,2022, the Company has registered to decrease registered and paid-up registered capital from the formerly Baht 19,126.50 million to Baht 18,935.235 million (par value of Baht 1 per share), by writing off the company's 191,265,000 unsold repurchase shares.

Business Profile



	Products		
Cement & Construction Materials	Products under "TPIPL" trademark		
	 Clinker and Cement Mortar Ready-Mixed Concrete Paints 	 Concrete Roof Tiles Fiber Cement Board Light Weight Concrete 	
Petrochemical & Chemicals	Products under "POLENE" trademark		
	 LDPE Homopolymer (LDPE) and LDPE Copolymer (EVA) EVA Emulsion & EVA Powder 		
	Products by TPI All Seasons		
	Polene Solar [®] and Vista Solar [®]		
	Products by Thai Nitrate		
	 Nitric Acid (24,500 TPA) Ammonium Nitrate (95,000 TPA) 		



Business Profile (cont'd)

	Products	
	Products by TPIPP	
Power Plant Energy & Utilities	 Waste Heat Recovery Power Plant - 40MW RDF Power Plant - 180MW Coal/RDF Power Plant - 220MW RDF Plants -Receive 14,400 TPD of MSW equivalent to produce up to 5,500-7,000 TPD of RDF MSW disposal and RDF power plant project, Songkhla - 12MW - COD 2024 MSW disposal and RDF power plant project, Nakhon Ratchasima - 12MW - COD 2024 Operate 8 petrol stations, 1 gas station and combined 3 petrol & gas stations 	
Agriculture	Products by TPIPL Group	
	 Organic Fertilizer and Organic Matter for Plants Probiotic Product for Animal Farming and Fishery 	
Healthcare Product	 Printemp Marie Rose Shampoo EESY Clean Bio San Bio Knox 	

Business Profile (cont'd)



	Products	
Others	 Industrial Waste Disposal Business to dispose hazardous industrial waste from nearby industries Drinking Water Business (obtain a certificate approved from the Food and Drug Administration-FDA) Packaging Business (operated by United Grain Industry Co., Ltd.) 	 This project helps eliminate hazardous industrial waste from industries, enhance recycling opportunities, lower raw material and fossil fuel usage, and develop a recycling economy with considerable economic benefits.



Cement & Construction Materials

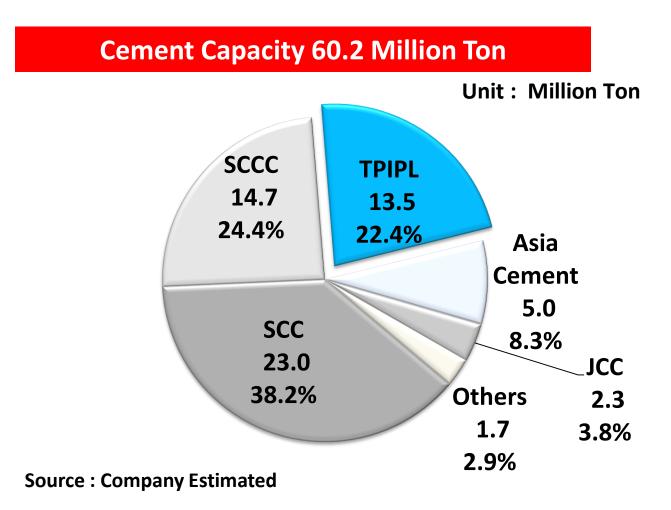
Cement

- Operates 4 most up-to-date cement production plants total capacity 13.5 MT p.a., with low-cost competitive advantage.
- The third largest cement manufacturer and distributor in Thailand, next to limestone quarry.
- The third largest concrete plants in Thailand.
- The largest mortar manufacturer in Thailand.
- Efficient transportation distribution network.
- The first cement manufacturer uses RDF as fuel.



Cement & Construction Materials

Thailand Major Cement Producers





Ready-mixed Concrete – operated by TPIC (99.99% subsidiary)

- The third largest manufacturer and distributor of ready mixed concrete.
- Capacity 3.88 million cubic meter p.a.
- Market share of approximately 11%

Dry Mortar

• 4 Dry Mortar Plants - capacity 3.0 MT p.a.

Light Weight Concrete

• Capacity 300,000 cubic meter p.a.

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Cement & Construction Materials

Concrete Roof Tile

- Capacity of 4 million square meters or 45 million pieces p.a.
- Granted BOI promotional privilege.
- Design for structure of concrete roof tiles, i.e. roofing system, heat-resistant coating.

Fibre Cement

- 4 fibre cement plants capacity 380,000 Tons p.a.
- Comprised of board sheets, substitute for wood product category, digital Board and wall & floor decoration, conforming to European/Australian/Thai Standards/American Standards.
- Asbestos-free and environmentally friendly.
- Granted BOI promotional privilege.











Petrochemical & Chemicals

LDPE & EVA Resin

- Capacity 158,000 tons p.a.
- A sole EVA producer in Thailand and one of a few producers with proprietary EVA technology for all grades of EVA.
- LDPE is used in film and food packaging, lamination and injection for household uses and medical applications.
- EVA is used in foaming, coating, wire & cable, labeling, shoes soles, hotmelt, solar film application and safety glasses.









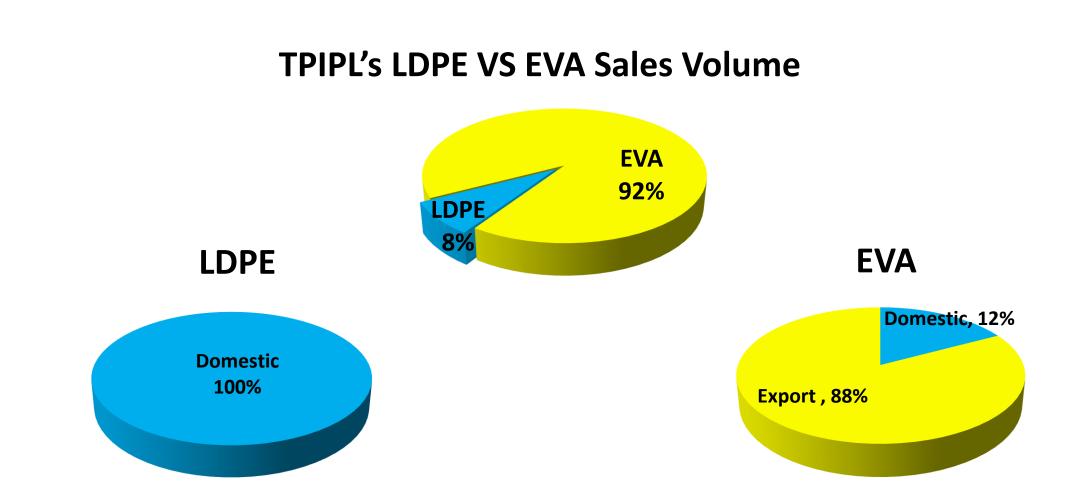
Petrochemical & Chemicals

EVA Emulsion and Powder

- EVA Emulsion and Powder capacity 24,000 tons p.a.
- Granted BOI promotional privilege.
- EVA Emulsion is used as adhesive material in label & packaging, furniture, and book binding.
- EVA Powder is used in special adhesive concrete, mortar, and construction applications.

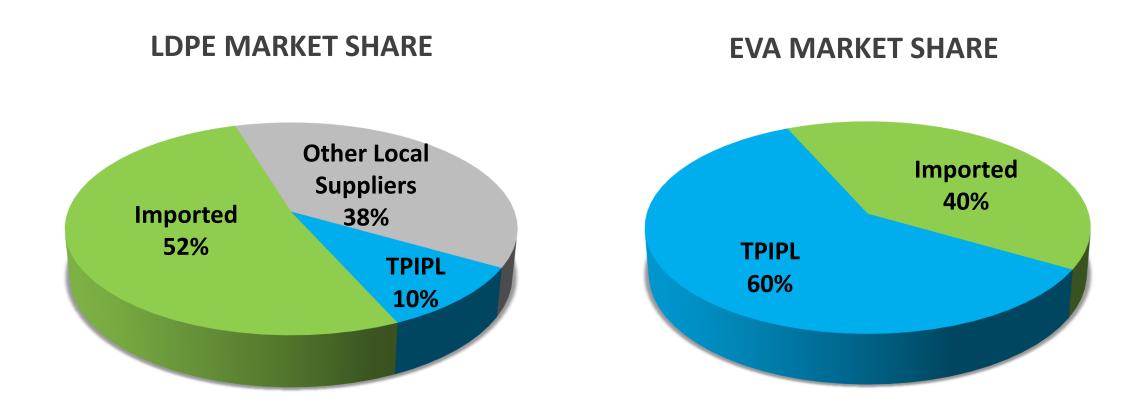








Petrochemical & Chemicals in H1 Yr. 2022



Petrochemical & Chemicals

Polene Solar[®], Vistasolar[®] - operated by TPI All Seasons (99.99%-subsidiary)

- EVA sheet for (i) photovoltaic modules, (ii) laminated safety glass, (iii) multi-purpose sheet used as PVC sheet substitutes.
 - EVA sheets are sold under tradenames: Polene Solar[®] and Vistasolar[®]
 - Operates 10 production lines capacity 20,100 Ton p.a.

Ammonium Nitrate & Nitric Acid – operated by Thai Nitrate (99.99% subsidiary)

- The largest manufacturer and distributor of Ammonium Nitrate and Nitric Acid in the country
- Capacity 95,000 tons p.a. and 16,000 tons p.a., respectively.



Power Plants – operated by subsidiary TPIPP

- The Largest Waste-To-Energy Power Plant Operator in Thailand
- Clean and Green Power Plant Producer
- Classified as the largest community waste disposal plant in the world, using MSW to produce electricity, located in the single area.
- A pioneer with expertise to effectively meet the challenges of the waste power industry
- Storage warehouse for storing up to 100,000 tons of RDF

Energy and Utilities



- 2 Waste Heat Recovery Power Plants (TG1&2) each 20 MW, totaling 40 MW
 - Uses waste heat purchased from TPIPL to produce electricity.
 - Electricity sold at the base tariff to TPIPL.
 - BOI promotional privileges expired.
- 20-MW RDF Power Plant
 - Uses RDF to produce electricity.
 - Electricity sold to EGAT under 18 MW PPA, at the base tariff (adder expired in January 2022).
 - BOI promotional privileges expired.
- 60-MW RDF Power Plant
 - Use RDF to produce electricity.
 - Electricity sold to EGAT under 55 MW PPA, with adder of Baht 3.50 per unit on top of the base tariff for 7 years, since August 2015.
 - Granted promotional privileges from the BOI.

Power Plant & Energy



- 70-MW RDF Power Plant combined with 30-MW WHRPP totaling 100 MW
 - Use RDF in TG6 and waste heat in TG4 to produce electricity.
 - Electricity sold to EGAT under 90 MW PPA, with adder of Baht 3.50 per unit on top of the base tariff for 7 years, since April 5, 2018.
 - Granted promotional privilege from the BOI.
- 70-MW Coal/RDF Power Plant approved license for power generation capacity of 40 MW
 - Electricity sold at the base tariff to TPIPL.
 - Phase 1 : modification to use 100% RDF under 40 MW , COD in October 2022.
 - Phase 2 : expand power generation capacity from 40 MW to 70 MW , COD in May 2023.
- 150-MW Mixed Fuel-fired Power Plant
 - Electricity sold at the base tariff to TPIPL.
 - Granted promotional privilege from the BOI.
 - Phase 1 : modification to use 20% RDF , COD in September 2022.
 - Phase 2 : modification to use 100% RDF , COD in June 2024 , October 2024 , February 2025 respectively

Other Businesses

Bio-Tech – operated by TPI Bio Organics, TPI Bio Pharmaceuticals, TPI Healthcare – 99.9% subsidiaries

- Organic Fertilizer
 - Granted promotion privilege from the BOI
 - Obtained quality products in compliance with the standards of IFOAM for liquid fertilizer on September 5, 2011.
 - Using natural substances and environmentally friendly, by company's research and development team
- Pesticide, probiotics for livestock.
- Hygiene and healthcare products.
 - Health beverages for consumers, including beverages to prevent disinfection of both viruses and bacteria, and offering chemical-free hygiene products as follows :
 - 1. Bio Knox Powder : A high quality natural calcium and vitamin C supplement, effective in the destruction of bacteria and viruses.
 - 2. Micromknox Solution and Micromknox Powder : For spraying in residential areas to reduce the amount of bacteria and viruses.
 - 3. Printemp Marie Rose Mouthwash, Ginger & Mint favors.
 - Research from Mahidol University (Siriraj Hospital) and and the Academic Service Center, Chulalongkorn University, certified that products such as Bio Knox and Mouthwash can combat the virus.



Soluti







Drinking Water Business – under the brand name "TPIPL"

- Good quality and safe, reverse osmosis technology (RO), ultra violet treatment and the ozone treatment process.
- Obtain a certificate approved from the Food and Drug Administration (FDA).

Industrial Waste Disposal Business

- Operate industrial waste disposal business to dispose hazardous industrial waste from nearby industries.
- Eliminate hazardous industrial waste, enhance recycling opportunities, lower raw material and fossil fuel usage, and develop a recycling economy.

Investment in companies, i.e.

- 25% in TPI Life insurance Life insurance
- 19% in United Grain Industry Co., Ltd. Packaging business
- 99.99% in Thai Propoxide Co., Ltd. and 83.27% in Mondo Thai Co., Ltd. land bank assets
- Others

Healthcare Products





Healthcare Products





สบู่เหลวล้างมือและสบู่เหลวอาบน้ำ

Blossom Collection

สบู่เหลว<mark>ล้</mark>างมือ

Gold Collection

TPI Green Alkaline Wash น้ำยาล้างผัก&ผลไม้



Micromknox Solution สำหรับฉีดพ่นบริเวณที่พักอาศัย เพื่อฆ่าเชื้อแบคทีเรียและไวรัส

EESY CLEAN น้ำยาถ้างจาน และ น้ำยาขจัดคราบไขมัน



Organic Fertilizer





Probiotics for livestock







End of the presentation material

บริษัท ทีพีไอ โพลีน จำกัด (มหาชน) TPI POLENE PUBLIC CO.,LTD.