



2013 Full Year Results

Reinforcing HVA Portfolio and Leadership

February 20, 2014

Disclaimer

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Agenda

- 1. Financial Highlights 2013 and Outlook
- 2. Industry Update
- 3. Strategy Recap
- 4. PHP Fibers Acquisition
- 5. Packaging Opportunity



Indorama Ventures PCL

Key Financial Highlights 2013

- Revenue of \$7.5 bn, a growth of 9% YoY
- Core EBITDA of \$487 mm, a growth of 4% YoY
- Effective current tax rate of 7%
- Effective interest rate of 3.7%
- Cash profit per share of THB2.2
- Net operating debt/Equity of 1.2 times as on Dec 2013
- Liquidity of \$0.8 bn as on Dec 2013
- Pro forma capacity of 7.6 MMt as on Dec 2013
- Highest corporate governance rating awarded by IOD
- A+ credit rating with stable outlook by TRIS reaffirmed



Core Financials

Growth in Revenue and Core EBITDA

	THB in	Million	US\$ in Million			
	2013	2012(R)	2013	2012(R)	4Q13	4Q12(R)
Consolidated Sales ⁽¹⁾	229,120	210,729	7,456	6,779	1,817	1,646
Core EBITDA ⁽²⁾	14,966	14,334	487(3)	461	127	101
Depreciation	(7,051)	(6,719)	(229)	(216)	(59)	(58)
Core EBIT	7,915	7,615	258	245	68	43
Interest	(3,627)	(3,175)	(118)	(102)	(33)	(31)
Core Profit before Tax	4,287	4,440	140	143	35	12
Current Tax	(302)	(580)	(10)	(19)	1	(10)
Effective Current Tax %	7%	13%	7%	13%		
Deferred Tax	(991)	(1,492)	(32)	(48)	(12)	(14)
Core Profit before JV and MI	2,994	2,368	97	76	24	(12)
Joint Ventures Income/(Loss)	(741)	(889)	(24)	(29)	(9)	(13)
Minority Interests	(191)	(164)	(6)	(5)	(0)	1
Core Net Profit after Tax & Minorities	2,062	1,315	67	42	15	(24)
CAPEX and Investment(4)	6,885	42,183	224	1,357	41	73
Net Operating Debt	72,991	71,061	2,224	2,320	2,224	2,320
Total Equity	61,568	56,565	1,876	1,847	1,876	1,847
Net Operating Debt to Equity	1.2	1.3	1.2	1.3	1.2	1.3
Net Operating Core ROCE (before JV)	6.0%	6.2%	6.4%	6.1%	6.7%	4.4%

Note (1) Consolidated financials are based upon elimination of intra-company (or intra business segment) transactions



⁽²⁾ Core EBITDA is Consolidated EBITDA less Inventory gain/ (loss)

^{(3) 2013} Core EBITDA includes a business interruption insurance claim of US\$ 29 MM

⁽⁴⁾ CAPEX and investment are on a cash basis as per cash flow statement

⁽⁵⁾ Periods with Restated or (R) are restated numbers as per change in Thai Accounting Standards

Non Operational/Extraordinary Items

Core Financials to Reported Financials Reconciliation

	THB in N	Millions	US\$ in Millions			
	2013	2012(R)	2013	2012(R)	4Q13	4Q12(R)
Core Net Profit after Tax & Minorities	2,062	1,315	67	42	15	(24)
Add: Inventory Gain/(Loss)	(928)	76	(30)	2	(12)	22
Add: Non Operational/ Extraordinary Income or (Expense)	192	1,349	6	43	(19)	(5)
Acquisition Expenses	32	(387)	1	(12)	0	(4)
Gain on Bargain Purchase	87	148	3	5	3	0
Insurance Claims (Flood Related)	791	1,853	26	60	(0)	1
(1)Impairment of Assets (incl. Ottana)	(385)	-	(13)	-	(13)	-
Restructuring Expenses (Debt & Tax)	(320)	-	(10)	-	(5)	-
Workington Mothball (Severance Prov.)	(94)	-	(3)	-	(3)	-
Other Extraordinary Gain (Loss)	81	(265)	3	(9)	(0)	(2)
Net Profit After Tax and Minority	1,326	2,740	43	88	(16)	(7)

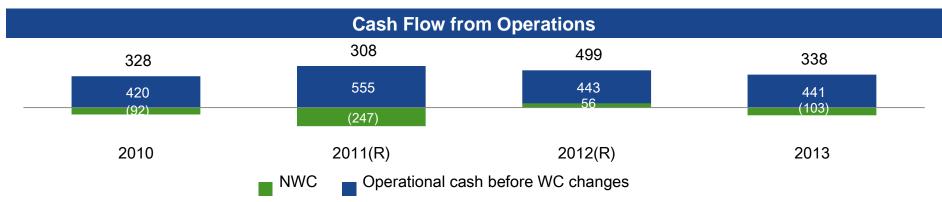
Note:

⁽¹⁾ Ottana partial impairment US\$ 12 million (IVL share)

Cash Flow

Healthy Operational Cash Flow of US\$ 441 mm in 2013 (before WC changes)

	THB in Millions			US\$ in Millions		
	2013	2012(R)	2013	2012(R)	4Q13	4Q12(R)
EBITDA	14,038	14,410	(3)%	457	464	(1)%
Income Tax	(497)	(641)	(22)%	(16)	(21)	(22)%
Cash Inflow from Operations (before WC)	13,541	13,769	(2)%	441	443	(1)%
Net Working Capital and Others	(3,162)	1,734	-	(103)	56	-
Cash Inflow from Operations	10,379	15,503	(33)%	338	499	(32)%
Growth & Investments CAPEX	(5,573)	(40,855)	(86)%	(181)	(1,314)	(86)%
Maintenance CAPEX	(1,313)	(1,329)	(1)%	(43)	(43)	(0)%
Net Financial Costs	(3,922)	(3,025)	30%	(128)	(97)	31%
Dividends	(1,626)	(3,291)	(51)%	(53)	(106)	(50)%
Effect of Foreign Exchange Changes and Others(1)	(2,861)	710	-	82	(41)	-
Increase/(Decrease) in Net Debt(1)	4,915	32,286	(85)%	(15)	1,102	-



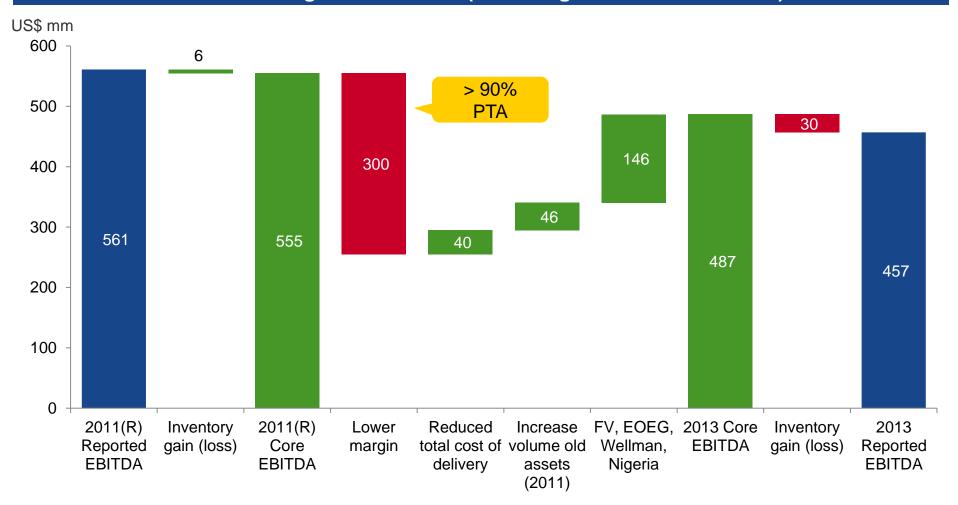
Note:



⁽¹⁾ Includes effect of exchange rate changes on balance held in foreign currencies & others

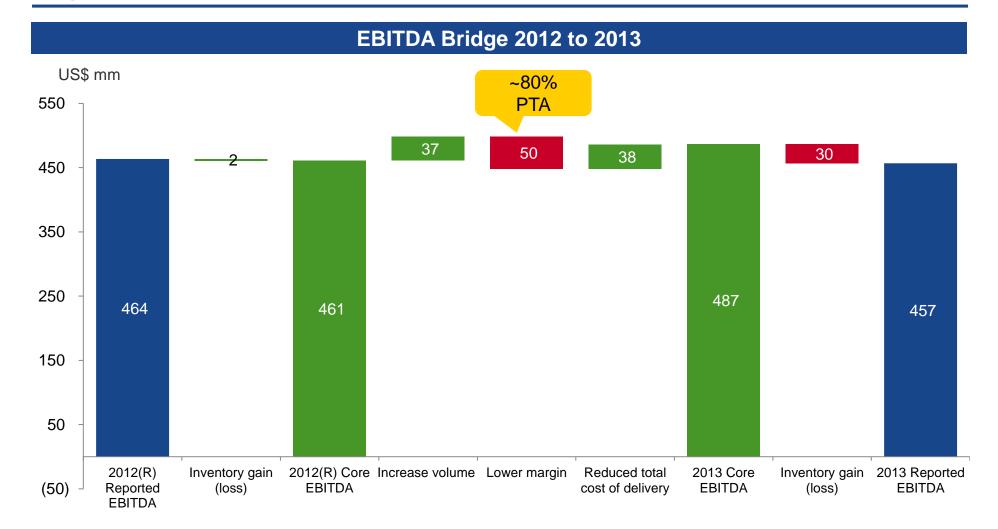
Weak PTA Offset by Volume and Operational Excellence

EBITDA Bridge 2011 to 2013 (PTA margin loss ~US\$275 mm)





Lower margins compensated by higher volumes and operational excellence

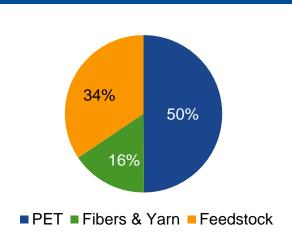


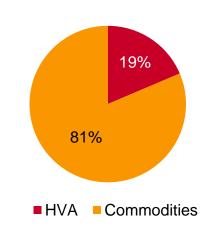


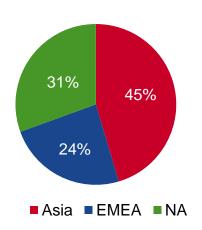
Segments Highlights – Volume

Volume Growth Across All segments and Regions

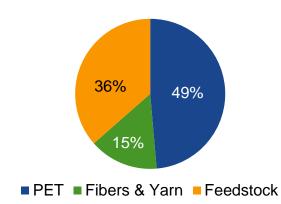
2013 Volumes: 5.8mm t

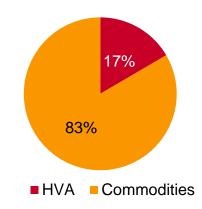


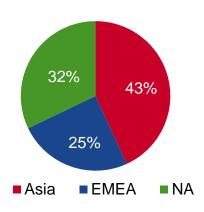




2012 Volumes: 5.3mm t







Note:

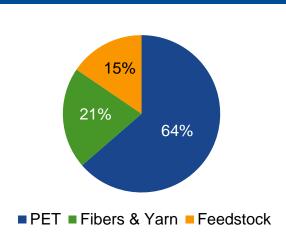
Regional volumes based on location of plants

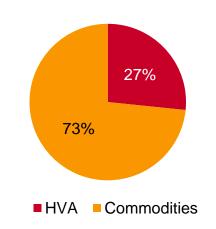


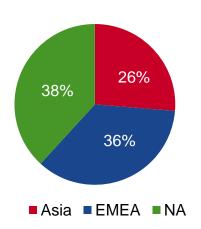
Segments Highlights – Revenue

Revenue Growth Across All segments and Regions

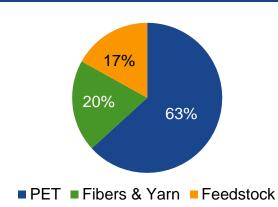


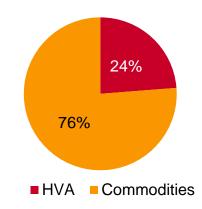


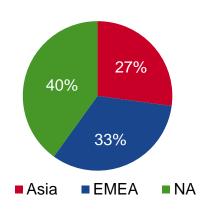




2012 (R) Revenues: US\$6.8 bn









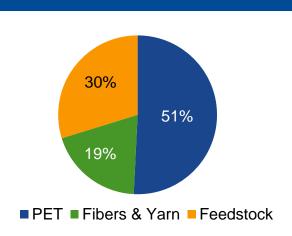
Periods with ("R)" are restated numbers as per change in Thai Accounting Standards Regional revenues breakup on sales basis

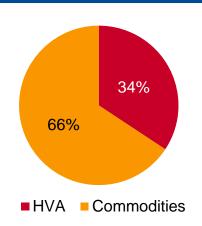


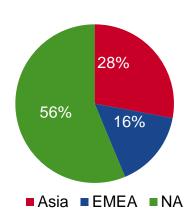
Segment Highlights - Core EBITDA

Improvement in Asian Operations

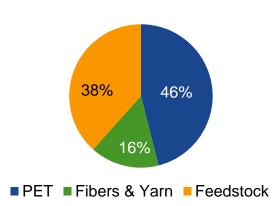
CORE EBITDA 2013: US\$487 mm

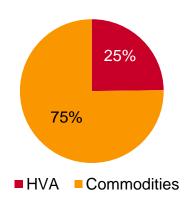


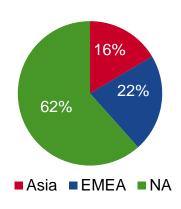




CORE EBITDA 2012 (R): US\$461 mm





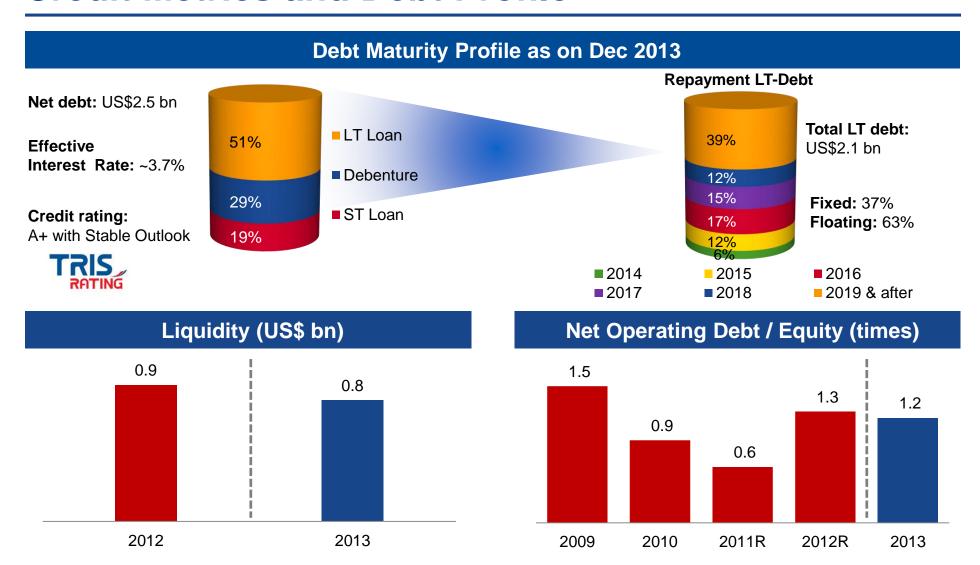


Note:

Periods with ("R)" are restated numbers as per change in Thai Accounting Standards 2013 Core EBITDA includes a business interruption insurance claim of US\$ 29 MM 12



Credit Metrics and Debt Profile



Note: Liquidity is cash & cash under management plus unutilized banking lines, Net Op Debt = Total Debt less cash and cash under management less project spending till date which is not operational yet



2013 Business Environment

Headwinds and Tailwinds

Tailwinds

- Asia PET: Margins improvement with increased volume from China (75% higher volume YoY)
- Operational Excellence: Cost reduction of US\$ 5/t in 2013 vs. 2012 (US\$38 mm)
- Joint Ventures: Trevira Turnaround new HVA products and cost reduction
- HVA: Leadership enhancement in hygiene segment – new plant (BICO) construction completed in Thailand
- EO/EG: Latest generation catalyst installed in 2Q13. Full utilization rates achieved in 4Q13.

Headwinds

- PTA Margins: Industry running close to variable cost in past over 2 years
- Lower volume:
 - Extended shutdown of ~2 months at EO&EG for catalyst change
 - 35 days of production loss in PTA at Rotterdam in 4Q13 due to technical issues (covered by insurance)
 - ~4 months delay in completion of CP-4 Indonesia. Volumes to start from 2014.
- Inventory Loss: Lower absolute prices in 2013 led to inventory loss of US\$30 mm vs. inventory gain of US\$2 mm in 2012
- Non Operational Expenses: \$26 mm incurred in 2013 due to Workington mothball, USA debt & tax restructuring, Ottana partial impairment, etc.
- Joint Ventures: Underperformance of Ottana and Polyprima and partial impairment of US\$12 mm on Ottana in 4Q13



Strategy and Outlook 2014

Volume Growth, HVA, Operational Excellence are Key Drivers

Volume	 Growth from 5.8 MMt in 2013 to 6.5 MMt in 2014 (12% YoY), driven by: Full operations at EOEG after catalyst change in 2Q13 Startup of CP-4 fiber greenfield plant in Indonesia Nigeria utilization ramp up after packaging expansions in Ghana Higher utilization rates of existing assets
Margins	 PTA: Margins improvement with lower PX prices and new PX supplies PET & Commodity fibers: More stable environment MEG: Margin improvement driven by low cost US ethylene and global MEG tightness HVA: Steady margin environment
Operational Excellence	 Operating excellence and higher volumes to deliver total cost reduction of ~US\$5/MT (~US\$30 mm)
Working Capital	Stringent focus on working capital management
Taxes	 Formation of Regional Operating Headquarter (ROH) in Thailand to keep overall taxes lower
New Growth & M&A	 Project Panda: Acquisition 80% equity of PHP Fibers GmbH, expected completion in 1Q14 Project Thor: Acquisition opportunity of 130 KT PET plant, announcement expected in 1Q14 Project Silk: Acquisition opportunity for polyester & industrial PET in MENA region, expected announcement in 1H14 Project Poseidon: Under study and due diligence Packaging: Entry into Philippines in 2014 through acquisition and expansion



CP4 – The Most Efficient Fiber Plant Globally

Enhancing Our Cost Leadership





Agenda

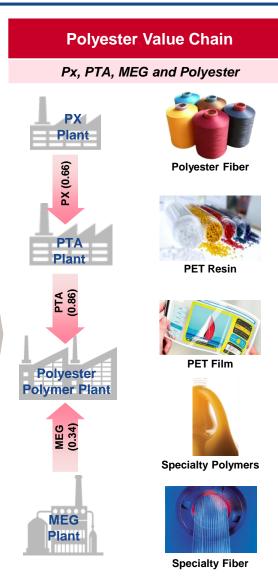
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Polyester Value Chain

Consumer-Led Industry

Energy & Upstream Petrochemicals Naphtha, Ethylene Refinery **E**xonMobil Crude Oil / Natural Gas **Steam Cracker**



Consumer Goods Key End Use Markets Food & Coa Cola Beverage P&G





Home Textile





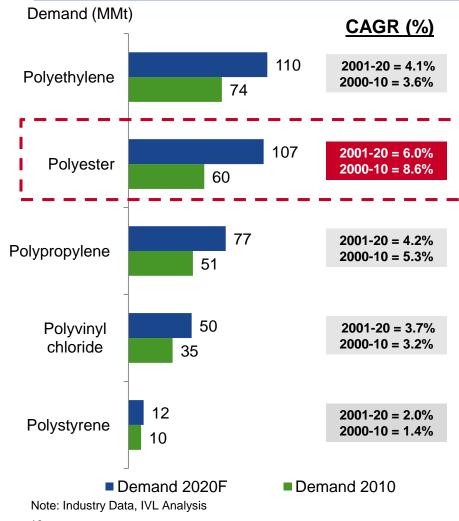
adidas



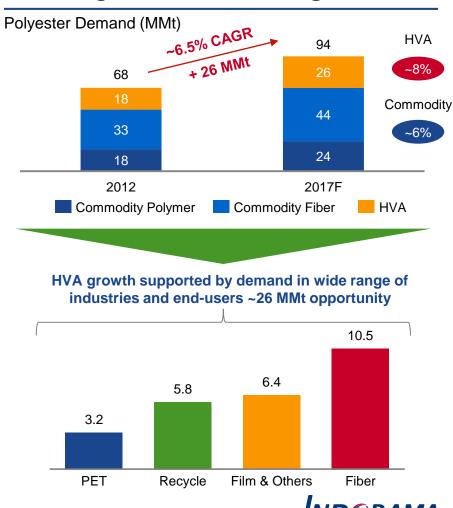
Rapidly Expanding Specialty Profit Pool

New Applications Driving Future Growth

Polyester Demand Outstripping Other Polymers...



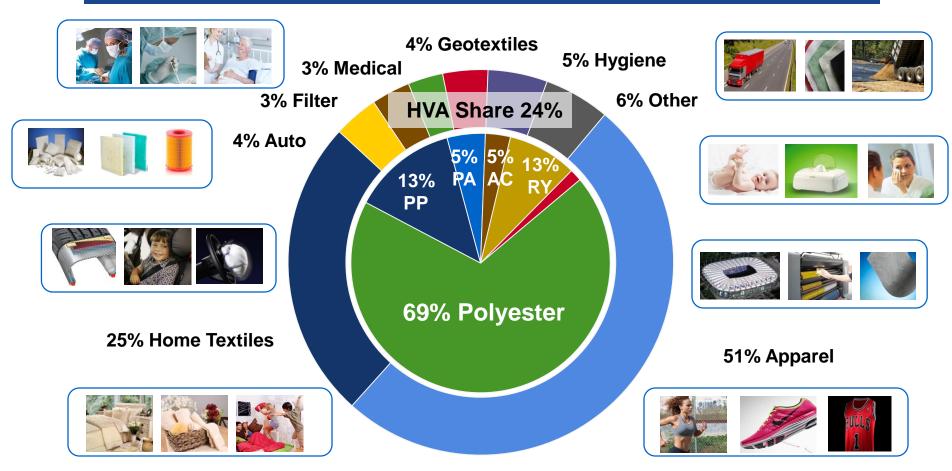
...Along with Expected Growth in High Value Added Segment



Attractive Fiber Niches

Hygiene, Medical, Automotive

Global Man-Made Fibers Demand incl. Nonwovens

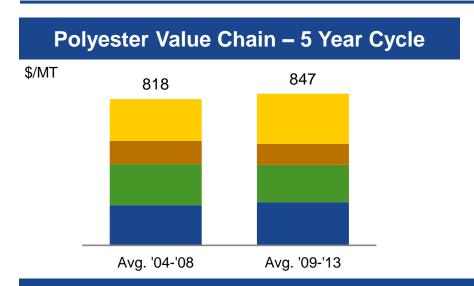


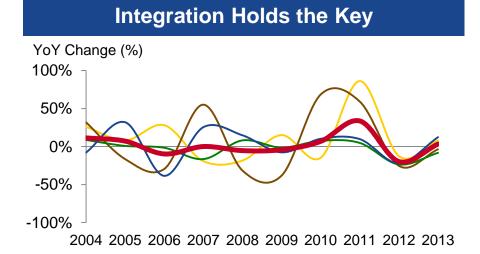
Total 2012 = 60 Million Tons



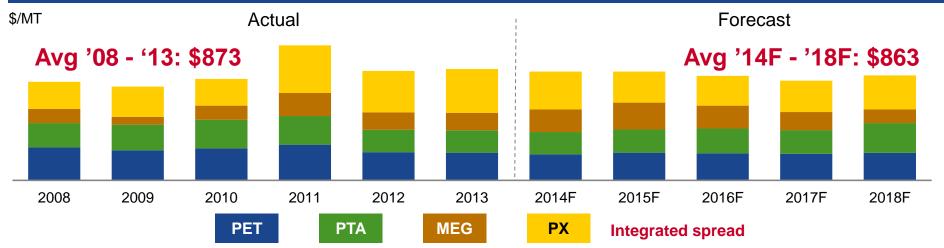
Stable Value Chain Margins

Supportive Industry Outlook





Global Value Chain Spread Forecast – IHS (Jan'14)

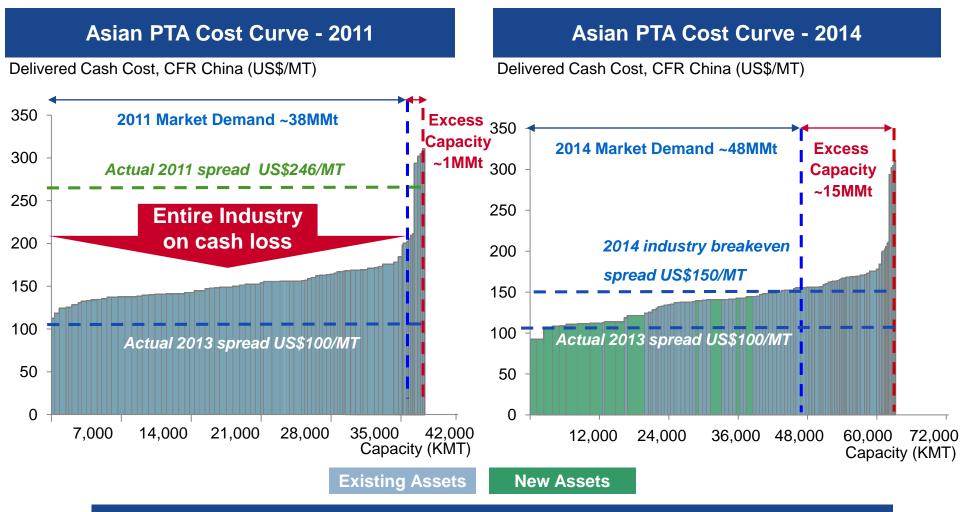


Note: Per ton of PET. Global spreads based on simple average of Asia, U.S. and Europe Source: Industry Data, IHS, IVL Analysis



Asia PTA Recovery is Imminent

Margin Loss of ~\$150 per ton in 2013 vs. 2011 to Force Restructuring

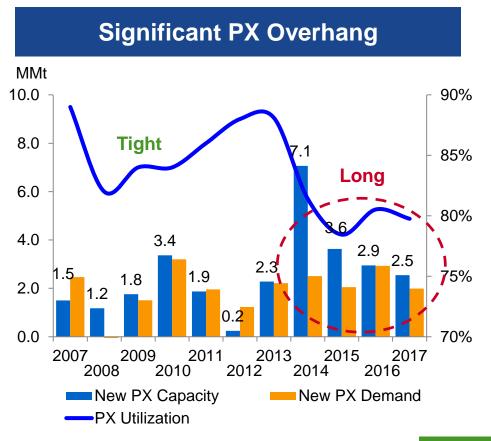


PTA margins expected to settle at sustainable level

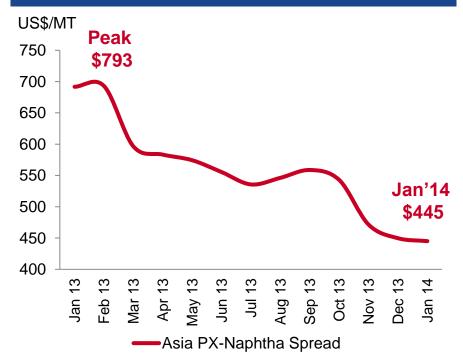


Paraxylene Entering a Downcycle

New PX Supplies Should Benefit PTA



Asia PX Spreads Trending Down



PX Utilization

PX Surplus

'07-12-86%

0.5 MMt

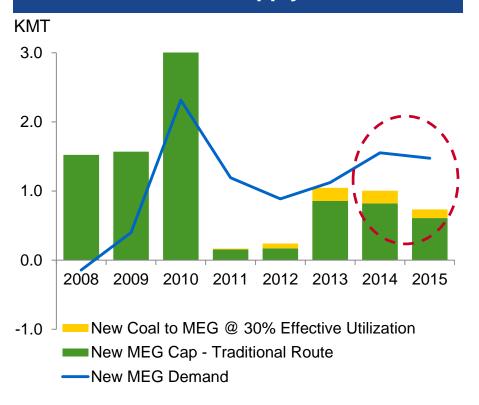
'14-17-80%

7 MMt

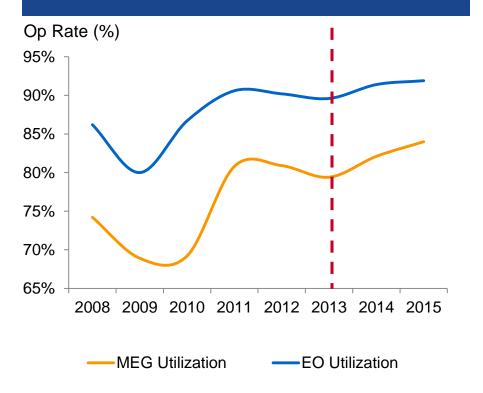


Fundamental MEG Supply/Demand Tightness

World New MEG Supply vs Demand



N. America EO/EG Utilization Rates

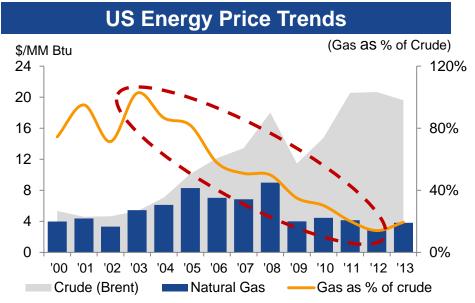


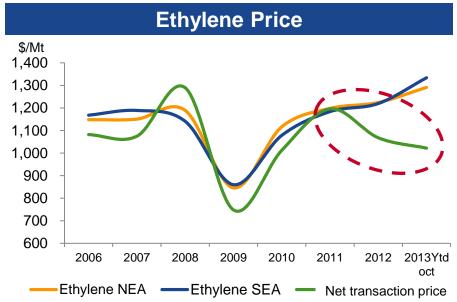
Extensive plant turnarounds by industry major expected

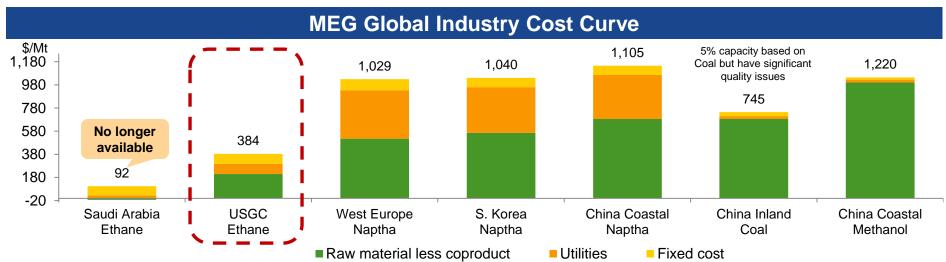


The U.S. EO & EG Advantage

Substantial Feedstock Advantage over Asia

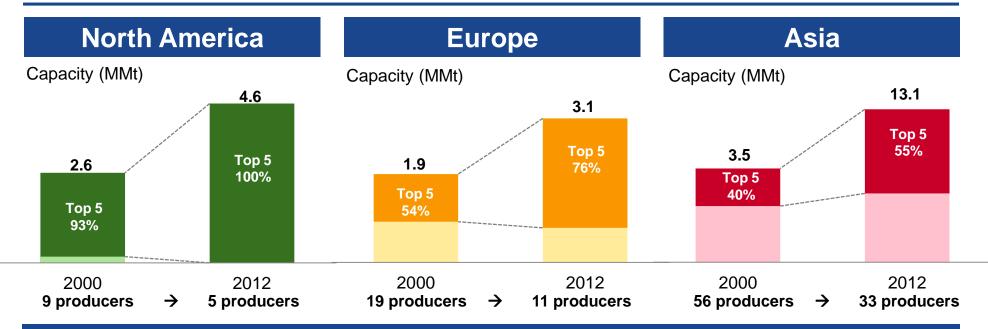




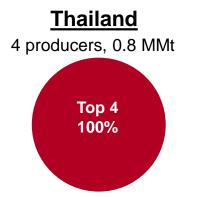


Source: Industry Data, IVL Analysis

Consolidation Driving New Focus in PET in Asia

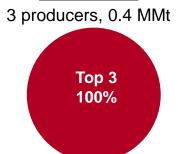


IVL's Asian Operating Regions Are Consolidated

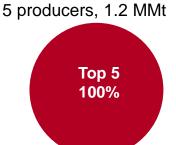








China PRD

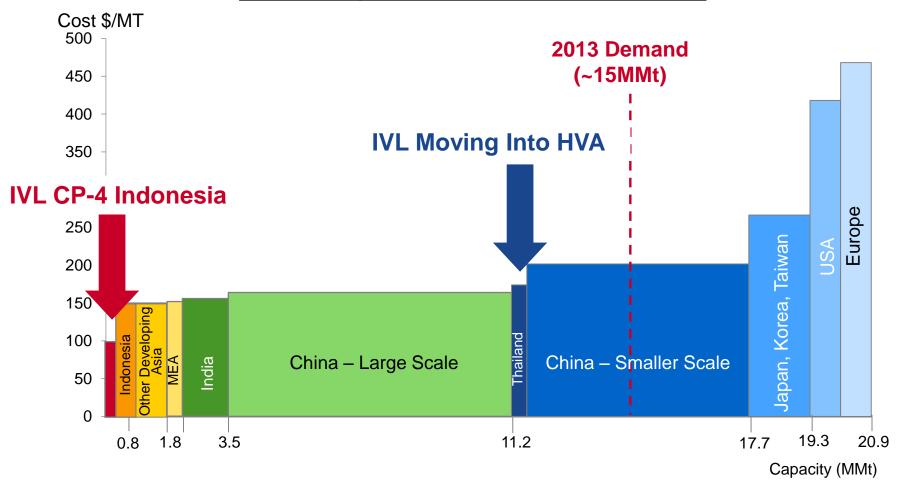




Polyester Fiber Competitiveness

Cost and Innovation – Key Differentiating Factors

Global Polyester Staple Fiber Cost Curve





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Global Industry Leader

Dominant Presence Across The Value Chain

Position	Segment	Region	Share	Main Players
		North America	31%	Alpek, M&G
#1	PET Resin & Polymers	Europe	29%	La Seda, Neo Group
		China Pearl River Delta	42%	CRC, Pan Asia
#1	PET Resin	Thailand	38%	Shinkong, Thai PET Resin
# I		Indonesia	44%	IRS, Petnesia
		West Africa	75%	Hosaf
#1	Specialty Polyester Fibers	North America	16%	Nan Ya, Alpek
		Europe	29%	Greenfibre, Elana
	Commodity & Specialty Polyester Fibers	Thailand	32%	TPC, Kangwal
#1		Indonesia	22%	Asia Pacific, Tifico
#1	Bi-component PP Fibers	World	28%	Jiangnan, Far Eastern
#1	Monocomponent PP Fibers	North America, Europe	31%	IFG, Meraklon
#1	Recycled PET (RPET)	Europe	6%	Freudenberg, STF
#1	Recycled Fiber (RFiber)	Europe	16%	Greenfibre, Sion
#1	Merchant PEO	North America	30%	Shell, BASF
#1	PET Packaging	Thailand	11%	Precision Plastics, Srithai
#1	Nylon 66 Airbag Yarns	Europe	53%	Invista, Nexis



Global Industry Leader

Serving Well-Diversified and Attractive Markets

Revenue Breakdown by End Use Markets





Growth Strategy

Value Creation and Differentiation Across Portfolio

Geographical Diversity

- Expand geographic footprint
- Enhance market positions globally



Product Diversification

- Enhance HVA portfolio
- Leverage M&A for rapid growth

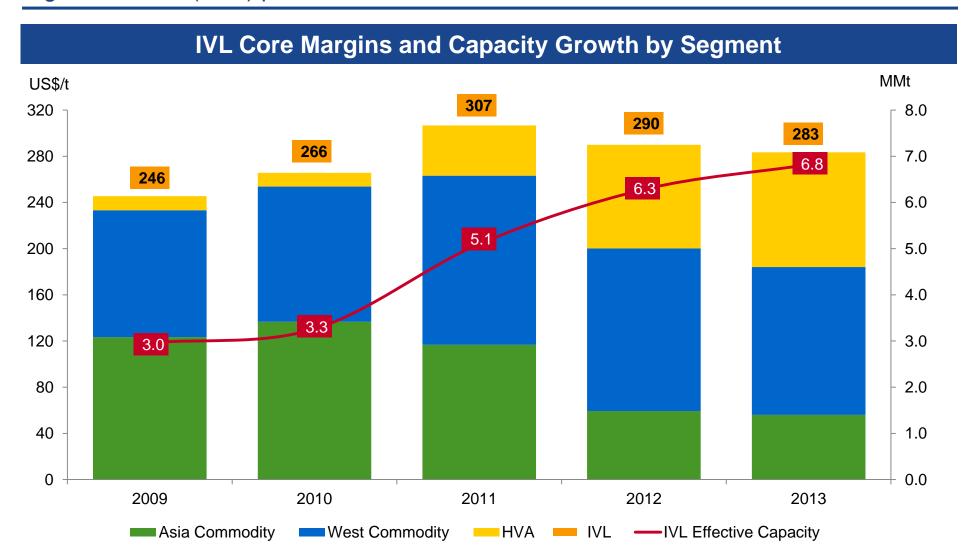
UpstreamIntegration

- Secure access to advantaged feedstock
- Increase upstream integration



Portfolio Enhancement

High Value Add (HVA) portfolio enhancement has lowered the overall Volatilities





Clear Roadmap to 2018

Strategy on Track

2014 2018 Rotterdam **Project** Key **Poland Aromatics** PHP PTA **Approved and** PET AlphaPet 2 Abu Dhabi (Panda) **Expansion On-Going Expansion** 2015 2018 1Q2014 **Projects** 2014 2015 **Project Silk Project Thor Project Packaging Project** Polyester & PET 130kt Poseidon **Philippines** Manhattan **HVA PET New Growth** 1Q2014 2014 2014 PTA 2017 1H14 **Opportunities** Various HVA Businesses through M&A

Integration

Geography



HVA

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What is PHP Fibers?



"PHP Fibers is a first-class supplier of high-quality Nylon 66 and Polyester filament yarns with strong focus on automotive segment"



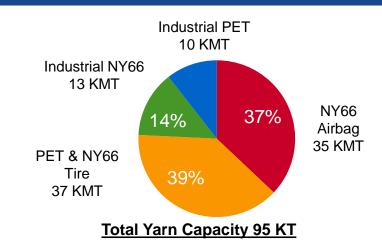
Why PHP Fibers?





PHP Fibers Highlights

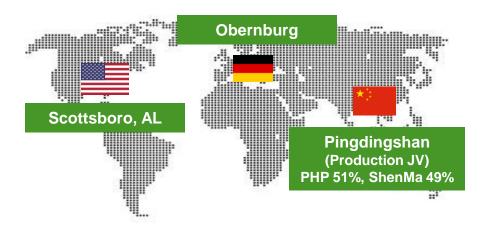
Diversified Product Portfolio



Leading Market Positions

Region	Fiber	Segment	No	Share	Main Players
Europe	NY66	Airbag	#1	53%	Invista, Nexis
	PET	Tire	#2	24%	Hyosung, Kordsa, Shenma
North America	NY66	Airbag	#2	20%	Invista, Ascend
China	NY66	Airbag	#2	29%	Invista, Toray

Truly Global Supplier of Airbag Yarns



Blue Chip Customer Base



















Attractive Industry Fundamentals

Consolidated, Growing Market with High Barriers to Entry

Available Feedstock

- Nylon 66 polymer feedstocks: hexamethylene diamine (HMDA) and adipic acid (ADA)
- PET polymer feedstocks: PTA & MEG

Critical Component

- Airbag yarn/fabric is just a fraction of total raw material cost but of critical importance
- Stable contribution margins maintained by passing on material cost fluctuation to customers

High Growth, **Disciplined** Industry Demand growth ~6-8% • 8 players, Top-3: 77% • PHP world's #2 with 26% share (airbags)

High Barriers to Entry

- Long customer approval process (can be over 2 years)
- Long standing customer relationships difficult to break into
- High degree of technical knowhow required
- High capex required

Material of Choice

- NY66 the material of choice for airbags (~96% 2013E share)
- PET and NY66 well entrenched as industry standard for radial tires
- Increasing truck tire radialization expected to drive demand for PET and NY66 in favor of NY6



Strong Synergies

Complements IVL's Fiber Portfolio





Agenda

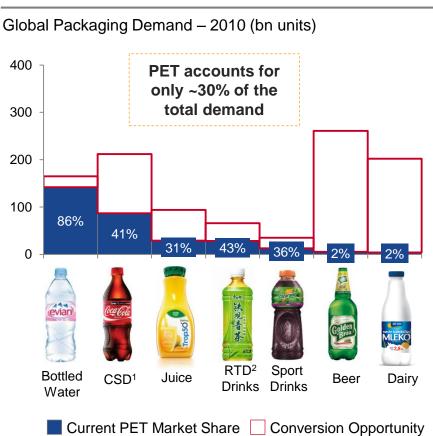
- 1. Financial Highlights 2013 and Outlook
- 2. Industry Update
- 3. Strategy Recap
- 4. PHP Fibers Acquisition
- 5. Packaging Opportunity



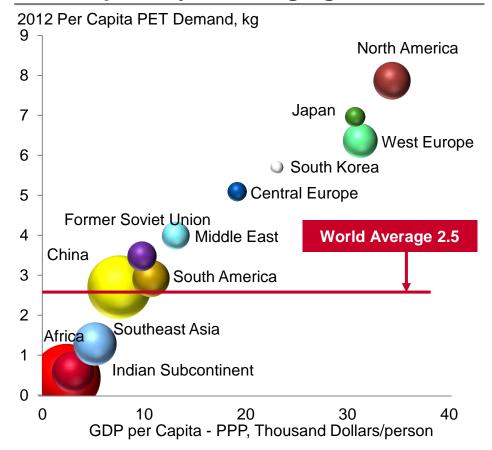
Packaging Opportunity

PET is the Clear Winner

Huge Opportunity for Continued Penetration of Beverage Market



Significant Potential for Growth, Especially in Emerging Markets



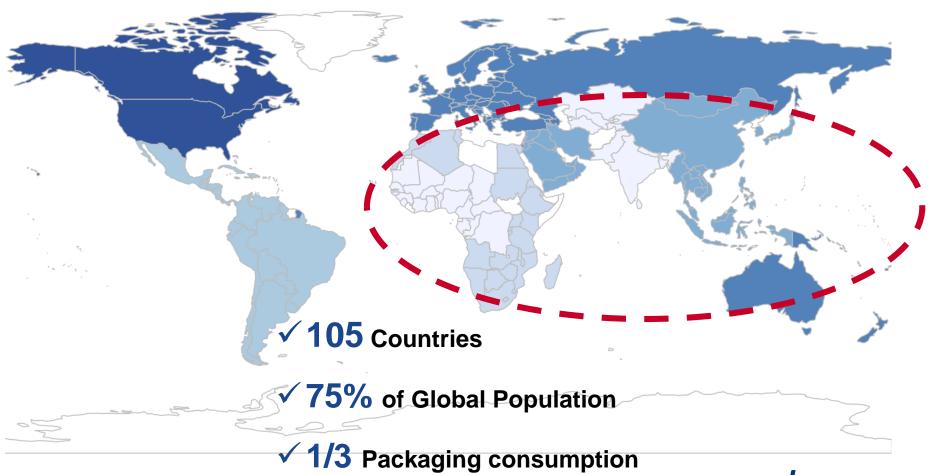


^{1.} Carbonated soft drink. 2. Ready-to-drink Source: Industry Data, IVL Analysis

AMEA with Untapped Potential

Highest Growing Region

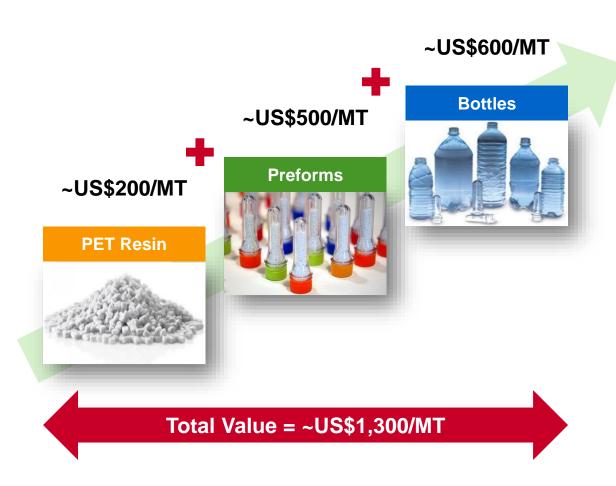
Asia, Middle East & Africa (AMEA)



Source: Industry Data

Superior Value Addition

Packaging Adds Significant Value to Polyester Value Chain



IVL Packaging Business Highlights

- ✓ High value addition business with US\$1,300/t margin
- Resilient spreads with growth opportunities in untapped market across AMEA
- Continued penetration as substitution in beverage market
- ✓ IVL with 15-year experience in packaging business
- Well-defined strategy to grow the business by more than 3x by 2018



Packaging Strategy and Aspirations

More than Tripling our Revenue and EBITDA by 2018



To be a Quality Packaging Provider of Scale and Scope in AMEA in Next 5 Years

- 2012Acquisition in Ireland completed
- 2 new locations in Thailand (Korat & Rayong) added
- **2013**
- Acquisition in Nigeria completed
- Bottle operations in Thailand expanded
- 2014
- Acquisition and expansion in Philippines
- Entry into Ghana market

- 2018 & Beyond
- Expanding presence in other AMEA markets

Key Financials	2013	2014F	2018F	CAGR '13-'18
Volume (KMt)	49	69	200	32.5%
EMEA	23	34	100	34.2%
ASEAN	26	35	100	30.9%
Revenue (US\$ mm)	120	165	450	32.5%
EBITDA Margin%		~12 to 15%		









Thank You



Appendix



Indorama Ventures PCL

Highest Corporate Governance Rating awarded by Institute of Directors

Independent Directors



Rathian Srimongkol Independent Director ***** President and CEO, Krungthai Card PCL



Chakramon
Phasukavanich
Independent Director

Chairman of the

Chairman of the Board of Directors CIMB Thai Bank PCL, Former Permanent Secretary of Ministry of Industry & Secretary General of the BOI



Maris Samaram Independent Director

Independent Director and Chairman of Audit Committee, Siam Commercial Bank PCL



William E. Heinecke Independent Director

Founder, Chairman and CEO, Minor International PCL and its subsidiaries



Dr. Siri Ganjarerndee Independent Director

Director of the Bank of Thailand Board, Former Assistant Governor at Bank of Thailand



Kanit Si Independent Director

Executive Vice President, Bangkok Bank PCL



Mr. Apisak Tantivorawong Independent Director

Former President Krung Thai Bank PCL, Chairman of Quality Houses PCL

Executive and Non-Executive Directors



S.P. Lohia Non-Executive Chairman



Aloke Lohia Executive Vice Chairman



Suchitra Lohia Executive Director



Amit Lohia Non-Executive Director



D.K. Agarwal ***** CEO Feedstock & PFT



S.P. Khaitan ********** President Wool

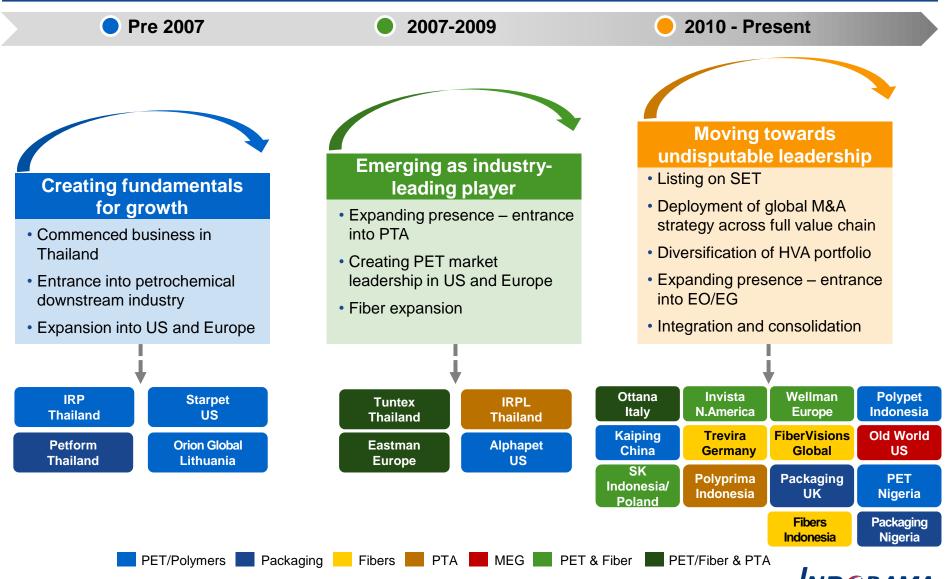


Uday Gill ****** President Polyester



Track Record of Success with Clear Objectives

Milestones of Growth Towards Global Leadership



Key Investment Highlights





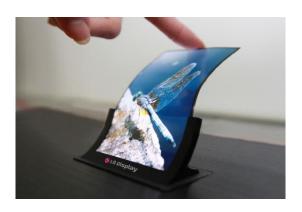
The Future is Polyester!

New Applications Everyday-Everywhere

Coca Cola PlantBottle



LG Flexible Display



Nike Flyknit Shoes



Ford Focus All Electric



PepsiCo Tropicana



Samsung Smart TV





