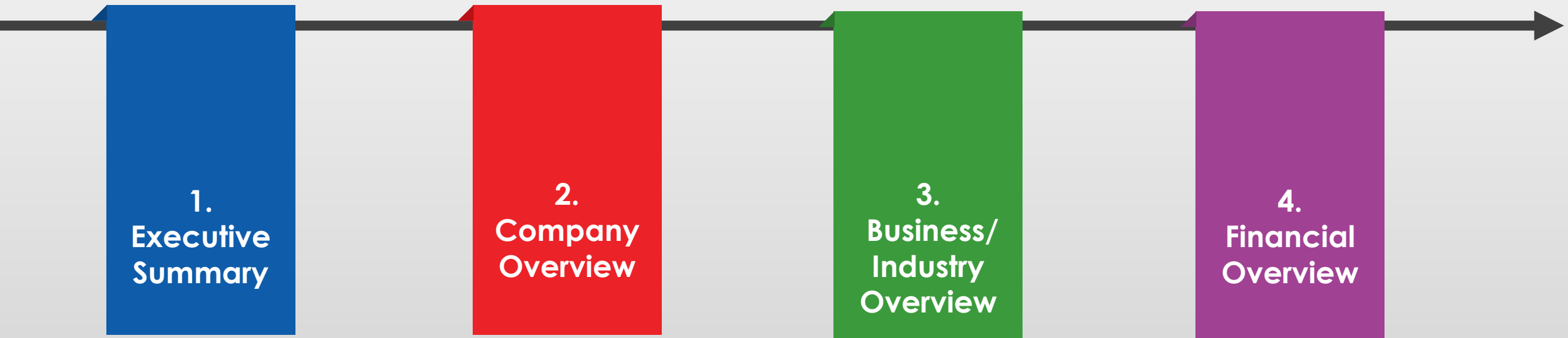




BRINGING POLYMERS TO LIFE
INVESTOR PRESENTATION – FEBRUARY 2018



1. Executive Summary



Overview

- Time Technoplast Ltd. (TimeTech) is a Multinational conglomerate and one of the leading manufacturers of diversified range of polymer based products.
- Since its inception in 1992, the company has set itself apart from its competition by focusing on research and development, futuristic product design and superior customer service.
- The company has a strong presence in Asia & MENA regions with state-of-the-art manufacturing facilities in 9 countries.
- Company got listed on NSE & BSE in 2007, having a market capitalization of approximately INR 47,000 Mn as on 31st Dec, 17.



Business Mix

- **Established Products -**
 - **Industrial Packaging** – HM-HDPE plastic Drums/Jerry Cans and Pails
 - **Infrastructure** – Polyethylene (PE) pipes, Prefab Shelters, Energy storage devices
 - **Technical & Lifestyle** – Turf & Matting , Disposable Bins, Auto Products
- **Value Added Products:** Intermediate Bulk Container (IBC), Composite Cylinders, MOX Film



Marquee Clients

- **Chemicals** – BASF, Huntsman, Bayer , Aditya Birla Chemicals, Du Pont, Dow, Eco Lab, Etc.
- **Petrochemicals** – Shell, Indian Oil, Gulf, ExxonMobil, Total, etc.
- **Auto:** Ashok Leyland, Tata Motors, Eicher Motors, Volvo, Etc.
- **Others** – Cargill, GE, L&T, Nestle, Wipro, Etc.



FY17 Financial Highlights

- Total Income - **INR 27,568 Mn;** (India : 71% & Overseas : 29%)
- EBITDA - **INR 4,064 Mn:**
- PAT - **INR 1,471 Mn:**

Segment	Product range				Our Brands	
ESTABLISHED PRODUCTS	Drums & Containers	Jerry Cans		Conipack Pails	DuroTurf PREMIUM	Meadowz Multi-Purpose Landscapes®
					TECHPACK Technology driven Packaging	
	HDPE Pipes	DWC Pipes	Energy Storage Devices	Material Handling	MAXLIFE 100% Recycled Design and manufactured for long life	DuroSoft Matting Elegance with efficiency!
						DUMPO BINS
	Mats	Fuel Tanks	Rain Flaps	Disposal Bins	DuroWipe ALL-PURPOSE MATTING	RAINFLAPS
						Tech DAT
						TECHTANK
						MAX' M PE PIPES® Strength.Performance.Durability
VALUE ADDED PRODUCTS	Composite Cylinders	MOX Films		Composite IBCs	LiteSafe®	BULK TAINER GNX® Next Generation IBCs
					Multi layer multi axis Oriented X cross laminated film (MOX)	TECHPAULIN™ BORN STRONG

2. Company Overview



Largest producer of large size plastic drums worldwide



Market leader in 8 out of 9 countries



3rd largest Intermediate Bulk Container (IBC) manufacturer worldwide



2nd largest Composite Cylinder manufacturer worldwide



Largest Range of composite cylinder worldwide (2kg-22kg)

FY17
Total Income
INR 27,568 Mn
YoY – 17%

10 Year CAGR
20%

FY17
EBITDA
INR 4,064 Mn
YoY – 18%

FY17
PAT
INR 1,471 Mn
YoY – 26%

900 +
Institutional customers globally

3,600 +
Employees

14 +
Recognized Brands

Our Motto is “Bringing Polymers to Life”, through Innovation & Technology.

Key Milestones

Expansion through a calculated mix of organic as well as inorganic growth

1992 - 2000

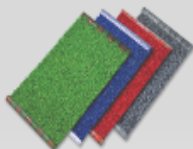
INR 1 Bn

1999

- Incorporated Pvt. Ltd. Company
- Production facilities in western region



- Launched Lifestyle products
- Expanded in North and South India



2001 - 2006

- Launched Automotive related Products
- Production facilities in East India
- Ventured in Thailand
- Acquisition of TPL Plastech Ltd.



2007 - 2010

INR 5 Bn

2008

INR 10 Bn

2010

- Got listed on NSE & BSE
- Entered into battery business
- JV with Mauser for manufacturing steel drums
- Green field manufacturing set up in Sharjah (UAE)
- Additions in products base such as Plastic Fuel Tanks, Prefab Shelters & Disposal Bins



2011 - 2017

INR 15 Bn

2012

INR 25 Bn

2016

- Green field manufacturing set up overseas - Bahrain, Indonesia, Vietnam, Egypt, Malaysia.
- Acquisition in Industrial Packaging Segment – Thailand & Taiwan
- Started HDPE pipe manufacturing
- Acquisition of company for technology of Composite Cylinders in Czech Republic and consolidation with existing units in India
- Started MOX films business



Pre IPO (prior to 2007)

Post IPO (from 2007)

Management Team



Mr. Anil Jain Managing Director

- Degrees in Science, Engineering from Punjab University and Business Management from Delhi University.
- Over 29 years in the field of polymer technology and products.
- Mr. Anil Jain is a founder of TTL and right from commencement of its business he has worked towards making Time Technoplast Ltd. - a leading polymer product company in India.

Mr. Bharat Vageria Whole Time Director - Finance

- Degree in Commerce and a Fellow of Institute of Chartered Accountants (FCA)
- More than 26 years of experience in the Polymer Industry.
- He is responsible for the Accounts, Finance, Corporate Affairs, Taxation and Legal Affairs of the Company.

Mr. Raghupathy Thyagarajan Whole Time Director - Marketing

- Degree in Science and Masters in Business Administration from Mumbai University with over 25 years of industrial experience.
- Overseeing the marketing and sales functions, regional operations, systems and commercial functions of the company at the corporate level.

Mr. Naveen Jain Whole Time Director - Technical

- Degree in Engineering from IIT Delhi with over 25 years experience in production, quality management and projects management.
- Responsible for operations of all the plants, technical developments and technology upgradation at the corporate level.

Total Number of Employees	No. of foreign nationals	No. Professionals Engineers, CAs, MBAs	R&D	Median Age
3,650	428	435	30	31.9 years

Geographical Presence

International Locations – Present in 9 Countries

Annual Installed Capacity	India	Overseas	Total
Plastic Products ('000 MT)	160	65	225
IBC ('000 Nos)	240	450	690
PE Pipes ('000 MT)	28	-	28
Composite Cylinders (' 000 Nos)	700	-	700
MOX Films (MT)	6,000	-	6,000

Pan India - 19 Locations and 7 Regional Offices

Egypt

Bahrain

UAE

India

Thailand

Taiwan

Vietnam

Malaysia

Indonesia



●	Head Office (Mumbai)
●	Regional Offices
▲	Existing Manufacturing Locations

WE are where OUR CUSTOMERS are....

Focus on high growth manufacturing geographies

Global Marquee Customers



Dedicated team of more than 30 people for Research and development.



1% of the total turnover spending on research and development activities.



Dedicated lab with state of the art incubation centre at Daman for prototype development and testing.



Product Re-engineering: Continuous efforts towards reduction in material and energy consumption.



Process Re-engineering: Making processes more energy efficient and using optimized manpower. Further automation is being introduced wherever necessary.



Product Development

- Composite cylinders
- MOX films
- Antistatic Drums and IBC's
- Polymer Fuel Tanks and De-aeration tanks for commercial vehicles
- Anti Spray Mats
- GNX IBCs
- Multilayer IBCs/Drums/Tanks
- Many more in Pipeline



Process Development

- Gas assisted injection moulding for foldable crates
- Auto de-flashing and unloaders for blow moulding machines.
- Continuous optimization in cycle times and product weights
- Continuous injection molding
- Multilayer blow molding
- Multilayer Extrusion
- Non permeating polymers



Machine & Moulds Development

- Indigenously developed blow moulding machines including Multi layer machine
- Assembly line for composite cylinders and IBCs
- Designing blow/injection moulds with reduced cycle time and proprietary ejection systems for auto fall feature
- Machine for MOX films

3. Business/Industry Overview

ESTABLISHED PRODUCTS

- TimeTech produces Polymer drums / barrels, Jerry cans and Pails for varied packaging requirements.
 - The Company uses technologies of polymer processing such as blow moulding, injection moulding and extrusion to produce a wide range of products.
 - These are made through a fully automated continuous process without any welds or joints. They are fitted with special stoppers, plugs, bungs, inserts, caps, handles to meet specific design & requirements.
 - The Company caters to varied sectors like chemicals, paints and pigments, food and beverage, petroleum, industrial coatings, agricultural, pharmaceutical, mineral, packaging, automotive and building products.
-
- **Range:** 5 Ltr to 250 Ltr capacity
 - **Brand:** Techpack
 - **Manufacturing Locations:** India(15) & Overseas(10)
 - **Industry:** Chemicals, Petrochemicals, Paints, Etc.



Key Highlights

- Over 900 institutional customers
- Largest manufacturer of Industrial Packaging in Asia and MENA Region
- Increasing strategic tie-ups with MNCs across different countries due to significant presence in the Asia and MENA Region
- Market Leader in 8 out of 9 countries in Industrial Packaging

Market

- The global market for industrial packaging is estimated to be around \$52 Bn and is forecasted to reach \$61 Bn by 2020 clocking a growth rate of 3.4% per annum
- China, India and other APAC countries will continue to see the highest growth in demand, increasing its total share to 34% of the world market. In contrast, Western Europe is expected to drop to a 28% market share in 2020.

Drivers

- Shift from metal to polymer packaging due to technical and operational advantages and lower costs.
- A clear trend towards IBC is visible, which is correlated with a growing demand for reconditioning solutions mainly in developed regions.

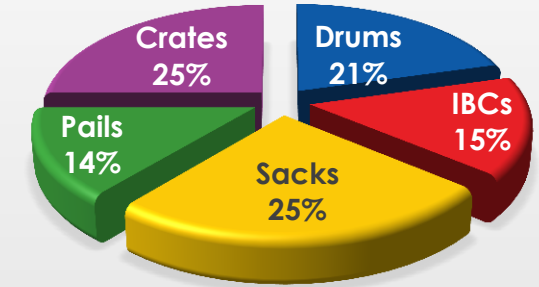
Emerging Packaging Scenario

- Multinational companies looking east for lower cost of production.
- Bringing in Good Manufacturing practices and improved handling systems.
- Improvement in transportation and handling facilities.
- Bulk transportation reducing logistic and shipping costs

Business Environment:

Packaging Product	Asia (Mn Units)			Global (Mn Units)		
	India	Rest of Asia	Total	Asia	Rest of World	Total
Steel Drum	10 (45%)	121 (90%)	131 (84%)	131 (84%)	117 (84%)	248 (84%)
Polymer Drums	12 (55%)	13 (10%)	25 (16%)	25 (16%)	23 (16%)	48 (16%)
Total	22 (100%)	134 (100%)	156 (100%)	156 (100%)	140 (100%)	296 (100%)
IBCs	0.2 (11%)	1.6 (89%)	1.8 (100%)	1.8 (15%)	10.2 (85%)	12 (100%)

GLOBAL IP MARKET % SHARE BY 2020



Sacks to gradually lose share as a move away from manual handling towards further mechanization continues

Global Industrial Packaging Ranking (Polymer)

Company	Polymer Drums	IBC
Mauser	2	2
Schutz	3	1
Greif	4	4
TimeTech	1	3

High Density Polyethylene (HDPE) Pipes & Double Wall Corrugated (DWC) Pipes



- HDPE pipes are capable of handling semi-solid & gaseous effluents and has unmatched resistance to corrosive chemicals. They are lighter, easy to handle & install compared to heavier metallic or concrete pipes.
- These pipes are 100% leak proof therefore they are preferred over Galvanized, Ductile iron, Cement.
- **Range:** 20 mm to 1400 mm of pressure range
- **Brand:** Max'm PE Pipes
- **Manufacturing Locations:** India(4)
- **Industry:** Irrigation, Sewage, Effluent Treatment, Desalination Plant, Power Plant , Etc.
- Double layer Pipe with outer layer having corrugation and inner layer with a smooth surface.
- Technically superior and cost effective solution for drainage & sewerage systems over conventional DI & RCC pipes.
- These pipes are available in longer length (6m/12m), Smooth inner surface, Light in Weight, Low installation cost, Long service life.
- **Range:** 100 mm to 1200 mm
- **Brand:** Max'm DWC Pipes
- **Manufacturing Locations:** India (3)
- **Industry:** Irrigation, Sewage, Effluent Treatment, Desalination Plant, Power Plant , Etc.



- TimeTech manufactures valve-regulated lead-acid (VRLA) Batteries conforming to National and International Standards by adopting internationally proven Eco-Friendly processes.
- These batteries has a proprietary Grid alloy composition with high tin composition which improves the positive grid corrosion resistance and battery life.
- **Range:** Upto 3000 Ah
- **Brand:** MAX Life, MAX Pro, Sun Qualita & MAX Qualita
- **Manufacturing Locations:** India(2)
- **Industry:** Telecom, Railway, Renewable energy, Etc.

Turf & Matting



- TimeTech is one of the leading players in the matting segment. TTL has been delivering value for money solutions across industries and customers.
- These Lifestyle Products are not only functional but also add to the aesthetics.
- **Brands:**
 - Duro Turf/Soft: Matts used to scrape off dirt
 - Duro Wipe: Matts for wiping water
 - Duro Mat: Matts for car use
 - Meadows: Artificial grass turf
- **Manufacturing Locations:** India(2)
- **Industry:** Household, Hotels, Hospital, Multiplex, Etc.

Disposal Bins



- Disposal Bins a necessity for hygienic life and made from recyclable material. These Bins adhere to stringent international quality standards. It's superior design ensures easy handling
- Offers high resistance to UV Radiation & Decay.
- Range: 120 & 240 Ltr capacity
- **Brand:** Dumpo Bins
- **Manufacturing Location:** India(1)
- **Industry:** Household, Commercial, Industrial, Municipal Corporation, Etc.

Auto Components



- Rain flaps consists of unique surface formed by multiple tufts / grass blades with a strong and sturdy backing.
- The company offers a range of high performance, dependable & long lasting De-aeration & Fuel Tanks., which are stronger, lighter in weight, corrosion resistant and more efficient to transfer the coolant.
- The Air Ducts manufactured by the Company meets the high performance requirement needed by the automobile industry.
- **Brand:** 3S RainFlaps, TechDAT & TechTANK
- **Manufacturing Locations:** India(3)
- **Industry:** Automotive

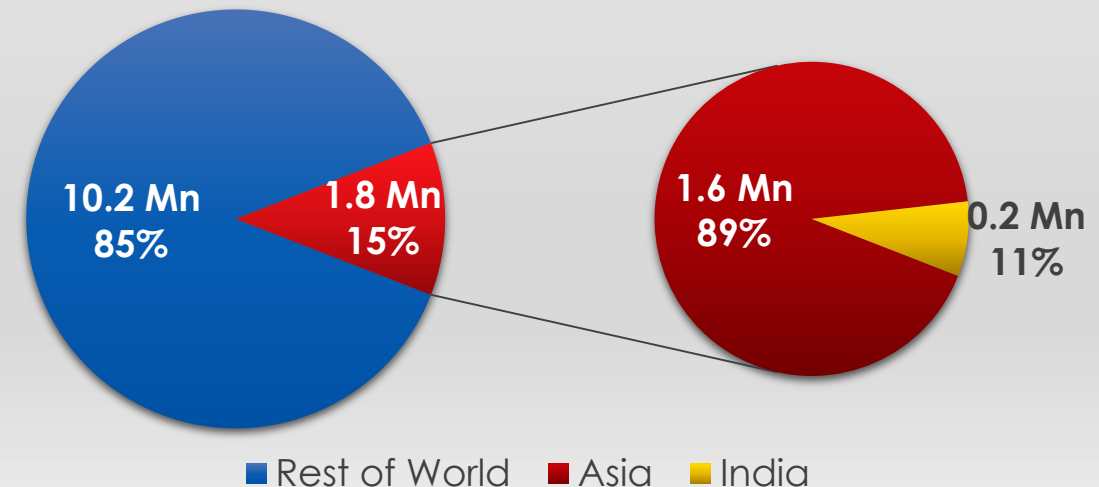
VALUE ADDED PRODUCTS

Value Added Products – Intermediate Bulk Containers - IBC **TIME**

- **Range:** 1,000 Ltr capacity
- **Capacity:** 2.4 Lakh units p.a. in India and 4.5 Lakh units p.a. overseas
- **Users:** Petrochemicals, Foods, Solvents, etc.
- **Features:** Space Efficiency, Eliminate Waste, Durability and Eco-friendly.
- **Opportunity:**
 - Rapid growth in chemical industries across Asia
 - Increasing automation
 - Multi-fold growth in trade from Asia to the western countries
- **Position:**
 - 3rd Largest manufacturer in the Worldwide.



IBC's Market Size (Mn Units)





- **Range:** 2kg – 22 kg capacity (largest in the world)
- **Capacity:** 7 Lakh units p.a. and expanded to 1.4 Mn units p.a.
- **Users:** Household, Industrial, Trawlers, Caravans, BBQ, Street Cooking, etc.
- **Features:** Explosion Proof, Non-Corrosive, Light and Efficient, and Low Maintenance.
- **Opportunity:**
 - Received approvals in over 48 countries
 - LPG consumption has grown at robust 7% CAGR over last 10 years and LPG is the preferred cooking fuel in over 200 Mn households in India
 - There are 2.5 bn metal cylinders in circulation worldwide implying significant addressable opportunity
 - 240 Mn replace per annum – close to USD 6.7 Bn market size
- **Position:**
 - 2nd Largest Capacity Worldwide

Value Added Products – MOX Film

Multi layer multi axis Oriented X cross laminated film (MOX)

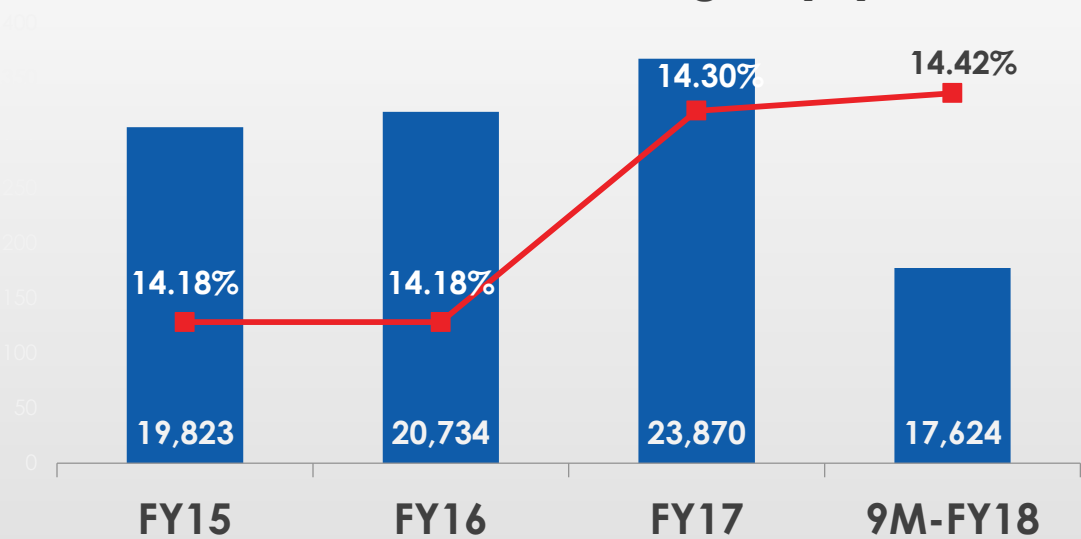


- **Range:** 35 to 320 GSM thickness
- **Capacity:** 6,000 MT p.a.
- **Industry:** Agriculture, Infrastructure, Packaging, Commercial Vehicles and many more
- **Features:** Tear/Puncture Resistant, 100% Waterproof, Weathering Resistant, UV Resistant, and Chemical Resistant.
- **Opportunity:**
 - The size of agricultural films market was USD 8.6 Bn in 2015 and is projected to grow at a CAGR of 6.5% to reach USD 12.5 Bn by 2021
 - Asia Pacific is likely to see robust growth in these films and TIME would be leveraging its wide distribution network in domestic as well as overseas market

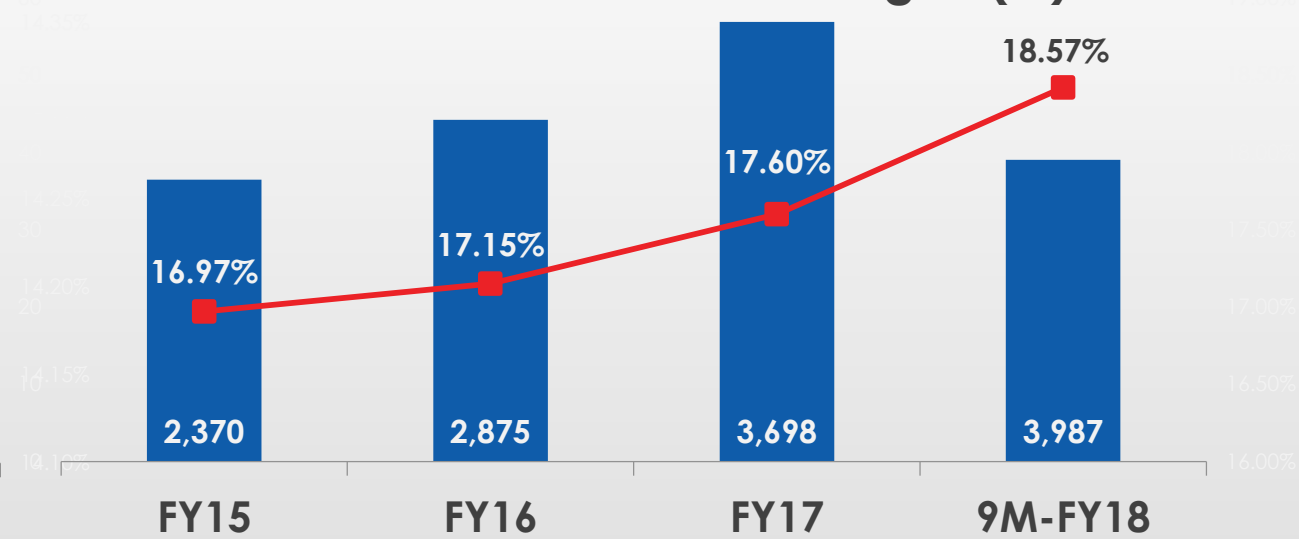
4. Financial Overview

Strategic Direction towards Value Added Products

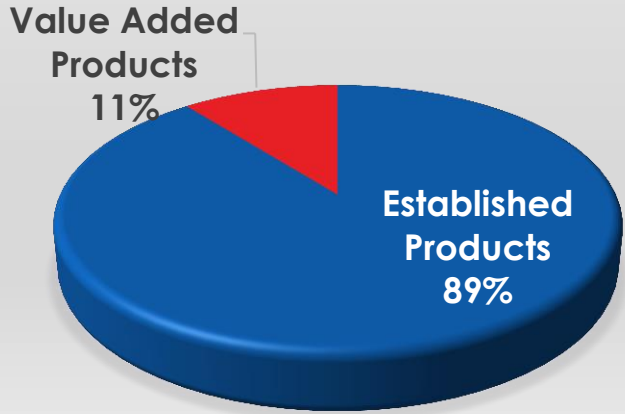
Established Products
Revenue & EBITDA Margins (%)*



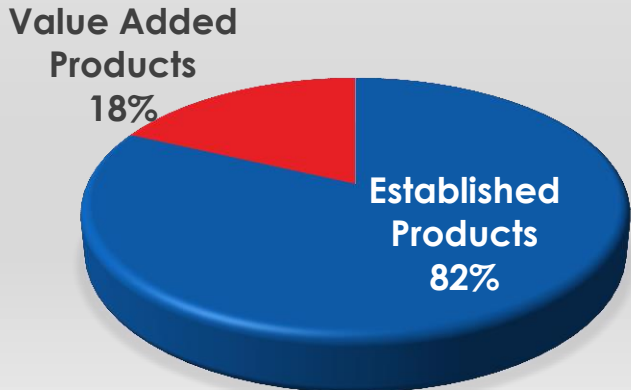
Value Added Products
Revenue & EBITDA Margins (%)*



Revenue Share - FY15



Revenue Share – 9M-FY18



* Continued Business

Historical Consolidated Income Statement



Particulars (INR Mn)	FY16	FY17	9M-FY18
Total Revenue	24,248	27,568	21,611
Total Expenses	20,748	23,504	18,329
EBITDA	3,500	4,064	3,282
EBITDA Margin (%)	14.43%	14.74%	15.19%
Depreciation	988	1,155	987
Finance Cost	962	901	628
PBT	1,550	2,008	1,667
Tax	325	494	385
PAT before Minority Interest	1,225	1,514	1,282
Minority Interest	37	43	32
PAT after Minority Interest	1,188	1,471	1,250
PAT Margins (%)	4.90%	5.33%	5.79%
Extraordinary Item	195	-	-
PAT after Extraordinary Income	1,383	1,471	1,250
EPS (Before Extraordinary Income)	5.64	6.90	5.53

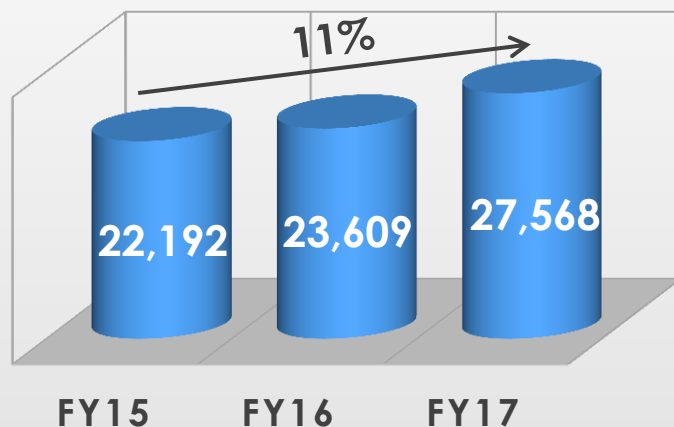
Consolidated Balance Sheet

Particulars (INR Mn)	FY16	FY17	H1-FY18
Equity & Liabilities			
Shareholder's Funds			
Share Capital	210	226	226
Reserves and Surplus	11,472	13,039	13,629
Total Shareholder's Fund	11,682	13,265	13,855
Minority Interest	761	384	403
Non-Current Liabilities			
Long-Term Borrowings	1,959	2,582	2,520
Deferred Tax Liabilities (Net)	391	470	504
Total Non Current Liabilities	2,350	3,052	3,024
Current Liabilities			
Short-Term Borrowings	4,052	3,728	3,711
Trade Payables	3,227	3,457	3,616
Other Current Liabilities	1,716	1,316	1,418
Short-Term Provisions	127	170	283
Current Tax Liabilities	283	341	187
Total Current Liabilities	9,405	9,012	9,215
TOTAL - EQUITY AND LIABILITIES	24,198	25,713	26,497

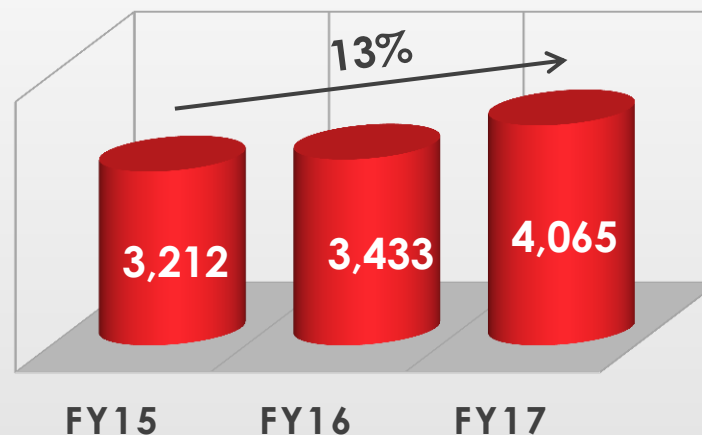
Particulars (INR Mn)	FY16	FY17	H1-FY18
ASSETS			
Non-Current Assets			
Fixed Assets			
Tangible Assets	10,203	10,999	11,288
Intangible Assets	8	6	6
Capital Work-in-Progress	707	869	1,015
Goodwill on Consolidation	1,258	-	
Long-Term Loans and Advances	150	169	189
Other Non-Current Assets	-	-	
Total Non Current Assets	12,326	12,042	12,498
Inventories	4,835	5,473	5,605
Trade Receivables	4,917	5,782	5,980
Cash and Cash Equivalents and bank balance	702	656	703
Other Advances	544	610	688
Other Current Assets	874	1,150	1023
Total Current Assets	11,872	13,671	13,999
TOTAL - ASSETS	24,198	25,713	26,497

Consolidated Financials – Continued Business

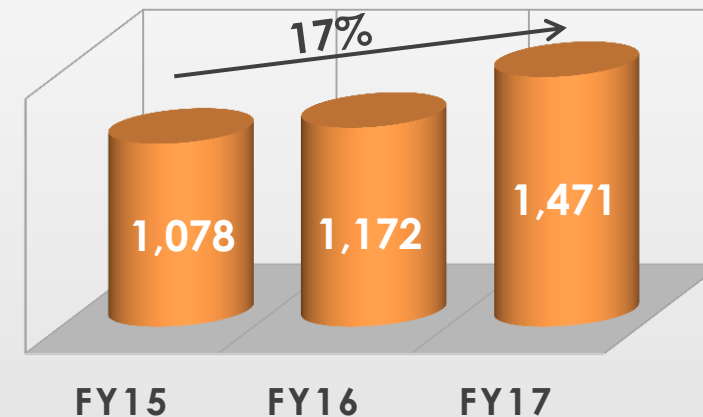
Revenue (INR Mn)



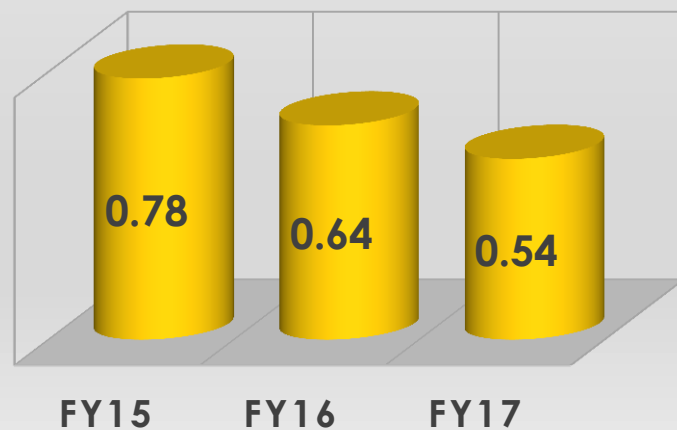
EBITDA (INR Mn)



PAT (INR Mn)



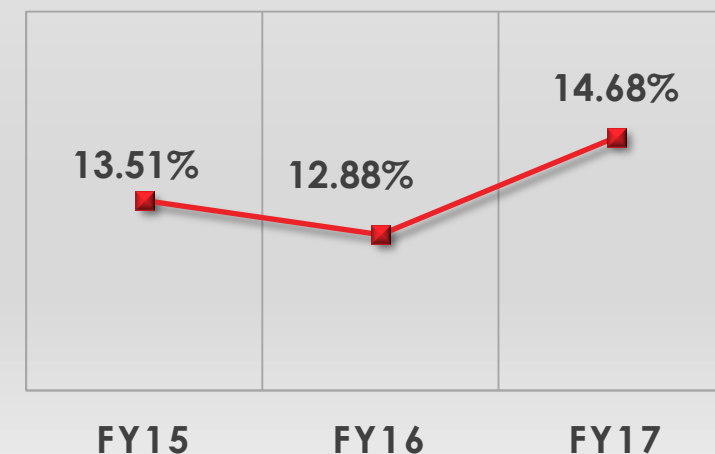
Total Debt to Equity (x)



EPS (INR)



ROCE %

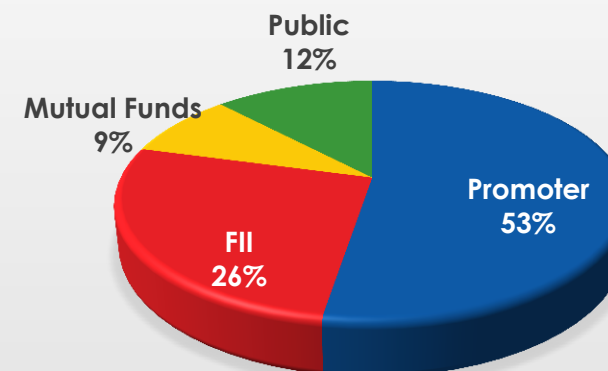


Capital Market Information

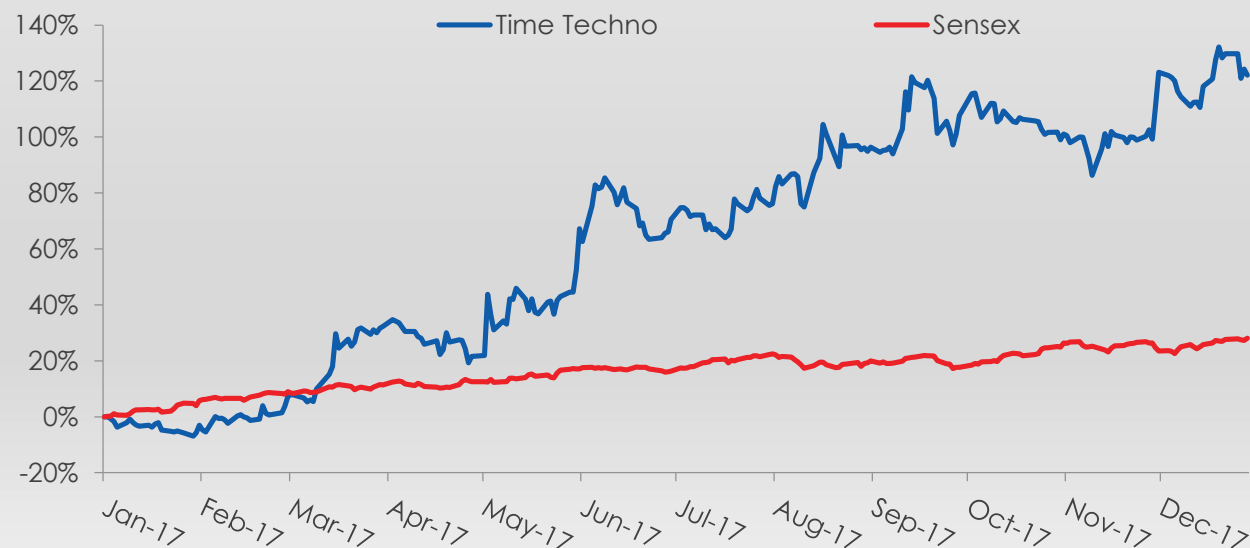
Price Data (31st December - 2017)

Face Value (INR)	1
Market Price (INR)	207.9
52 Week H/L (INR)	224.95/86.0
Market Cap (INR Mn)	47,006
Equity Shares Outstanding (Mn)	226.1
1 Year Avg. trading volume ('000)	637

SHAREHOLDING PATTERN AS ON 31ST DECEMBER 2017



Share Market Performance



Marquee Investors as on 31st December 2017

NT ASIAN DISCOVERY FUND	12.20%
HDFC TRUSTEE	8.99%
KAPITALFORENINGEN INVESTIN PRO, (DALTON)	4.28%
GRANDEUR PEAK	3.50%
ABU DHABI INVESTMENT AUTHORITY	1.87%
ASHISH KACHOLIA	1.07%

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For further details please contact our Investor Relations Representatives:

VALOREM ADVISORS

Anuj Sonpal

Tel: +91-22-3006-7521/22/23/24

Email: anuj@valoremadvisors.com

THANK YOU