



**Reliance**

Industries Limited

Growth is Life

**Annual Results - FY 2008-09**

April 23, 2009

# Forward Looking Statements



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# FY09 Accomplishments



- KG D6 commissioned
  - Oil production started in September 2008
  - India's first FPSO commissioned
  - Production of gas commenced in April 2009
  - At 550,000 BOEPD, project set to contribute 40% of India's current indigenous hydrocarbon production
- KG D6 – fastest discovery-to-commissioning among all deepwater projects in the world
- Gas Sale and Purchase Agreements signed
- Development plans for KG-D6 satellite discoveries and 2 Coal Bed Methane blocks filed

RIL joins elite league of global deepwater E&P operators

# FY09 Accomplishments



- RPL SEZ refinery commissioned on schedule – sets a new benchmark for project implementation in the refining sector globally
- Merger of RPL with RIL announced – India’s largest merger – deal to be value accretive for shareholders – scheme approved by shareholders – awaiting High Court approval
- RIL set to be among 10 largest non-state refining companies globally
- Proactive pricing and operating rate strategies enabled downstream petchem and polyester business to address ensuing business challenges
- Strong balance sheet with high liquidity
  - Cash and cash equivalent of nearly \$ 5 billion
  - Networth of over \$ 24 billion
- Ratings reaffirmed: S&P: BBB; Moodys: Baa2 and CRISIL: AAA/Stable/P1+

Significant growth momentum supported by conservative financials – RIL on a high growth trajectory

# FY09 Key Indicators



	Rs. Crore		% Chg.
Revenues	150,771	↑	8.3
Net Profit (Excl. exceptional items)	15,607	↑	2.3
EPS (Rs.) (Excl. exceptional items)	103.2	↓	(1.7)
Capex (Incl. Interest Capitalized)	24,907	↑	22.2
ROCE (%)	20.7%		

EPS without exceptional items is lower owing to allotment of 12 crore equity shares of Rs. 10/- each, upon exercise of the rights attached to warrants issued to the Promoter Group



# Financial Results

# Financial Results – FY09



(in Rs. Crore)	FY09	FY08	% Change
Turnover	<b>150,771</b>	139,269	8.3%
PBDIT	<b>25,428</b>	24,201	5.1%
Net Profit without exceptional items	<b>15,607</b>	15,261	2.3%
EPS (Rs.) (without exceptional items)	<b>103.2</b>	105.0	

Revenue and Earnings growth in challenging business and economic environment

# Financial Results – 4Q FY09



3Q FY09	(in Rs. Crore)	4Q FY09	4Q FY08	% Change
32,535	Turnover	<b>29,073</b>	38,697	-24.9%
6,026	PBDIT	<b>6,430</b>	6,308	1.9%
3,501	Net Profit without exceptional items	<b>3,874</b>	3,912	-1.0%
25.6	EPS (Rs.) (without exceptional items)	<b>24.5</b>	26.9	

Operating performance improved in 4Q FY 09 over trailing quarter



# Segment Results – FY09



(in Rs. Crore)	FY09	FY08	% change
<b>Refining</b>			
Revenues	<b>112,351</b>	100,743	11.5%
EBIT	<b>9,648</b>	10,332	-6.6%
EBIT (%)	<b>8.6%</b>	10.3%	
<b>Petrochemicals</b>			
Revenues	<b>52,767</b>	53,000	-0.4%
EBIT	<b>6,855</b>	7,113	-3.6%
EBIT (%)	<b>13.0%</b>	13.4%	
<b>Oil and Gas</b>			
Revenues	<b>3,489</b>	2,702	29.1%
EBIT	<b>2,226</b>	1,503	48.1%
EBIT (%)	<b>63.8%</b>	55.6%	

Refinery performance impacted by lower GRM

Petrochemicals is marginally down primarily due to lower margins in 2H FY09

E&P gained from higher crude prices

# Segment Results - 4Q FY09

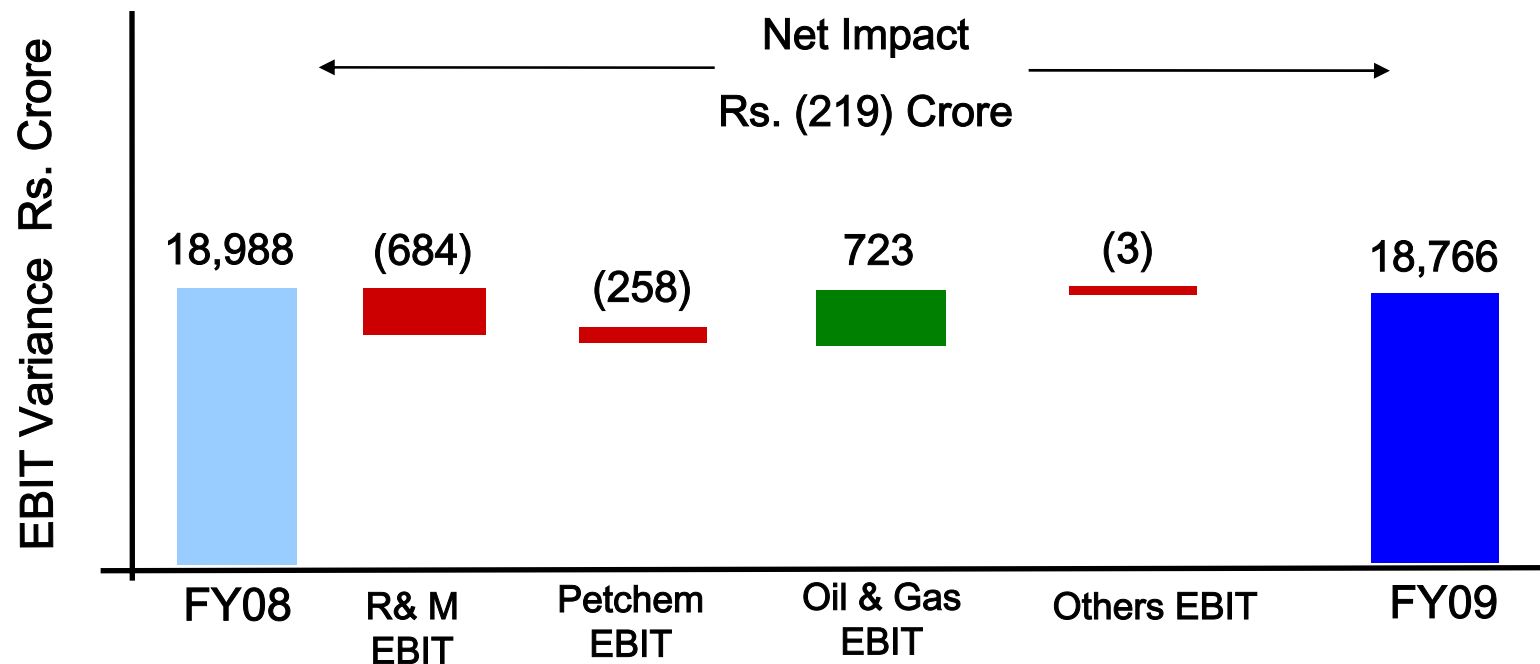


3Q FY09	(in Rs. Crore)	4Q FY09	4Q FY08	% change
	<b>Refining</b>			
21,740	Revenues	<b>21,631</b>	28,686	-24.6%
1,881	EBIT	<b>1,953</b>	2,839	-31.2%
8.7%	EBIT (%)	<b>9.0%</b>	9.9%	
	<b>Petrochemicals</b>			
12,623	Revenues	<b>9,724</b>	14,119	-31.1%
1,657	EBIT	<b>1,722</b>	1,466	17.5%
13.1%	EBIT (%)	<b>17.7%</b>	10.4%	
	<b>Oil and Gas</b>			
1,031	Revenues	<b>736</b>	828	-11.1%
605	EBIT	<b>473</b>	447	5.8%
58.7%	EBIT (%)	<b>64.3%</b>	54.0%	

Revenues are lower due to significant decline in prices

EBIT margins improved due to base effect

# Segment EBIT Bridge –FY09 Vs FY08



Lower GRM performance impacted the R&M business

Petchem impacted by higher feedstock cost and lower deltas

E&P gained from higher crude prices

# Net Profit (excl. Exceptional items) Bridge – FY09 Vs FY08



Net Profit up by  
Rs 346 crore  
compared to  
previous year

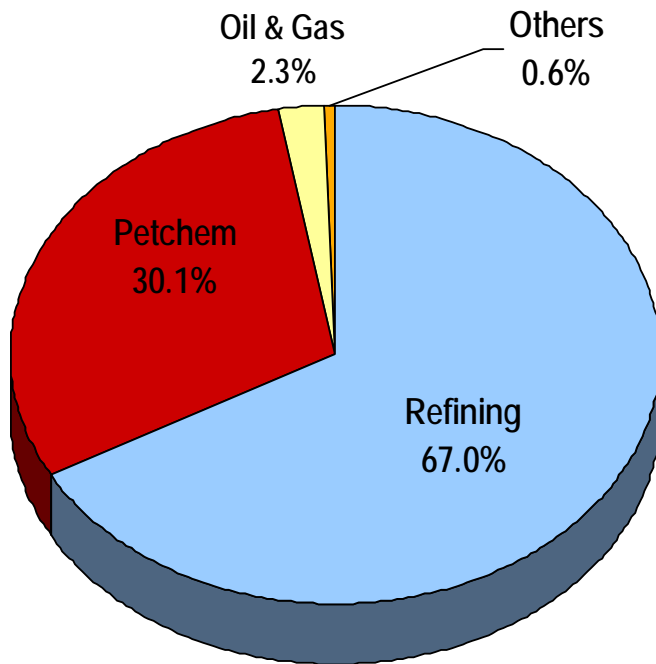
(Excl. Exceptional)	(Rs crore)
<b>Net Profit FY08</b>	<b>15,261</b>
Operating Profit	89
Other Income	1,138
Interest	(615)
Depreciation	(212)
Tax	(54)
<b>Net Profit FY09</b>	<b>15,607</b>

Growth driven higher other income and marginal increase in operating profit from businesses. Increased borrowing and weaker rupee impact interest costs.

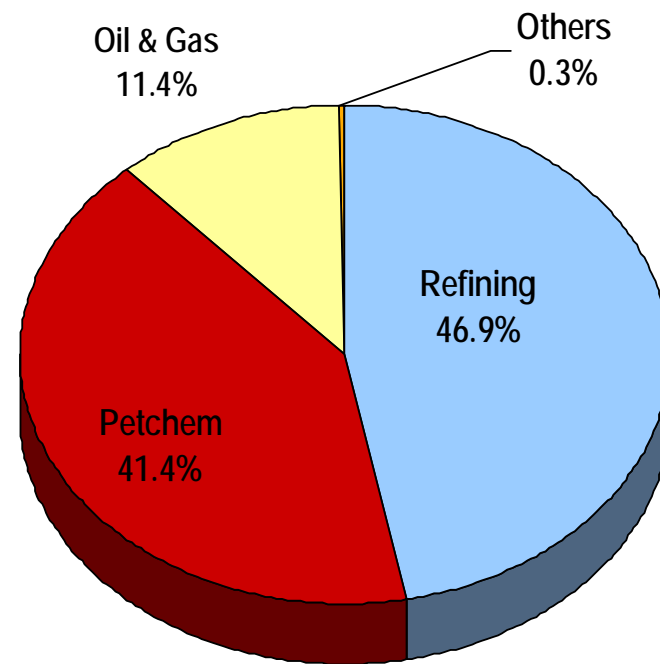
# Business Mix - 4Q FY09



## Revenues



## EBIT



Refining and petrochemicals contributed 97% of revenues and over 88% of EBIT

# Financial Ratios



Ratios	Mar'09	Mar'08
Net Debt : Equity	0.24	0.35
Net Gearing	19%	22%
ROCE (%)	20.7	20.1
ROE (%) (Adjusted)	21.0	23.0

Strong financials with a conservative balance sheet

Working Capital reduces significantly due to lower price environment



# Oil and Gas – Exploration and Production

# E&P Business Highlights



- KG-D6 first oil and gas project completed - production commenced
- Cumulative oil production of 42 API from KG D6 at 117,000 MT in FY09 – pricing linked to Brent crude
- Gas Sale and Purchase Agreements signed with consumers
- Acquired 19,000 LKM of 2D seismic data and 19,000 Sq. Kms of 3D data
- Natural decline in production profile led to lower output in PMT

E&P is poised to be a significant growth contributor



# FY09 Production Update – RIL Share



4Q09	4Q08		FY09	FY08	% Chg.
		<b>Panna-Mukta</b>			
141	144	Oil ('000 MT)	485	573	-15.5%
140	158	Gas (MMSCM)	500	608	-17.8%
		<b>Tapti</b>			
16	24	Condensate ('000 MT)	81	69	17.3%
256	320	Gas (MMSCM)	1,260	1,009	24.9%
		<b>KG-D6</b>			
26		Oil ('000 MT)	117		
		Gas (MMSCM)			

- Lower volumes in Panna-Mukta due to full shut down in June 2008 and partial shutdown from July 2008 till August 2008 and natural decline in the production profile
- Impact of New Revised Plan of Development (NRPOD) leading to improvement in production from Tapti block

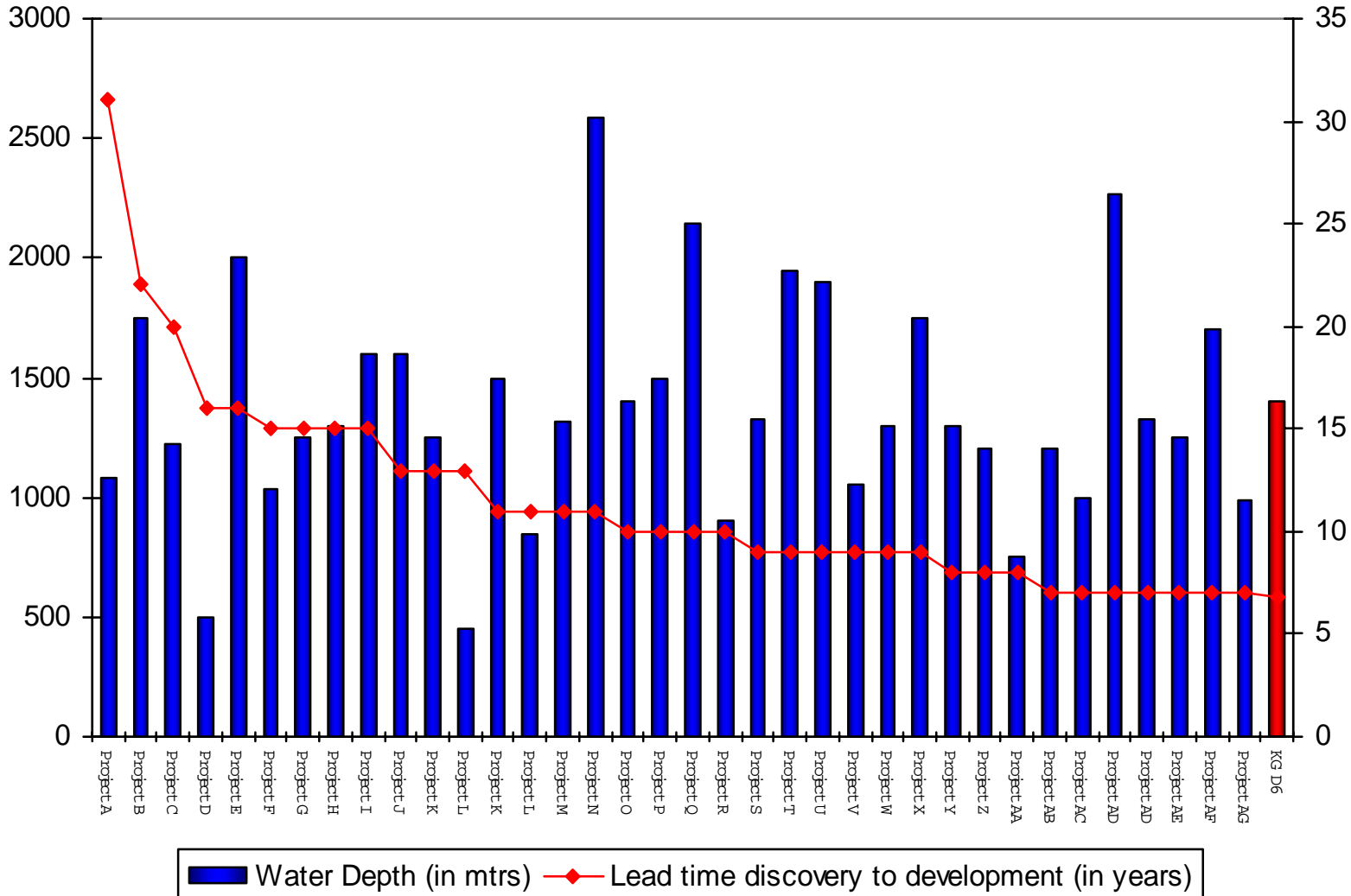
# KG D6 Production Commences



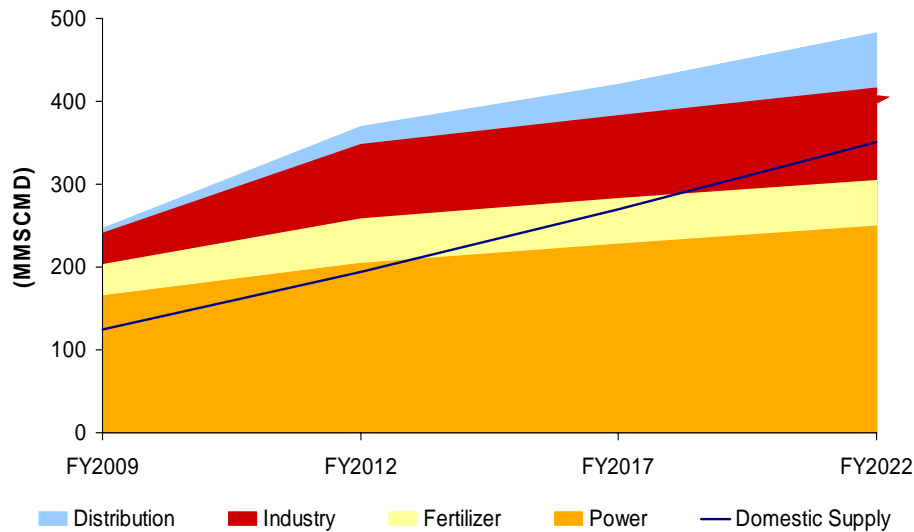
Gas production commenced on 1 April 2009

Oil production started in September 2008

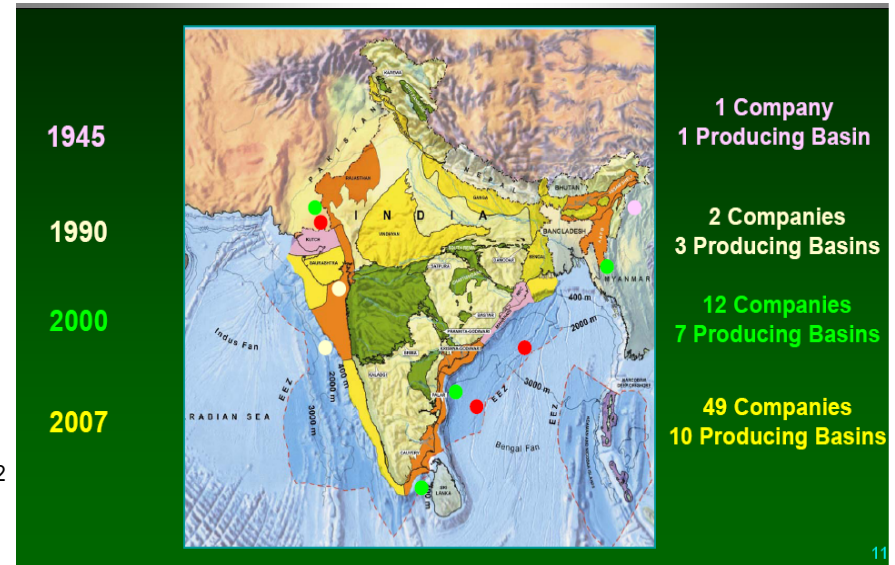
# KG D6 is the fastest deepwater project



# Sustainable Gas Demand / Supply Gap



Source: CRISIL and RIL projections for KG-D6



- Demand for Gas in India to mirror GDP growth
- Core sectors like power, fertilizers and industries to drive future demand
- Increased supply to fulfill latent demand and drive growth
- Discoveries are opening up avenues for supply

# Gas Supply Agreements (GSPA)



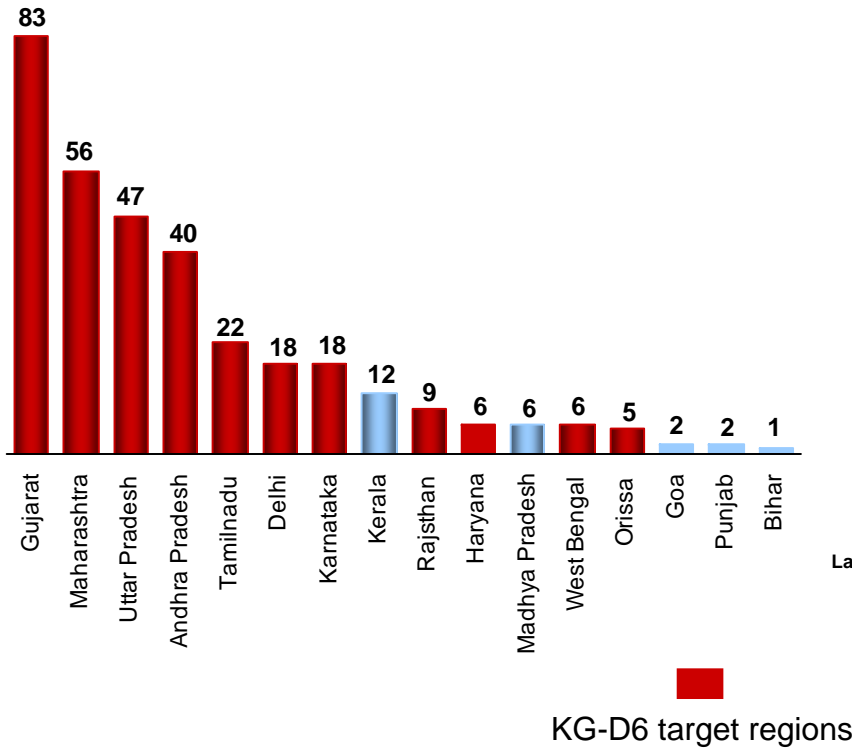
- RIL has signed GSPA with the fertilizer companies for 15 MMSCMD
- Salient features of the GSPA are as follows:
  - Tenure – 5 years
  - Price – \$ 4.2 / mmbtu based on gas price formula approved by GOI
  - Payment terms – 15 days billing cycle
  - Payment security – LC equivalent 30 days of gas supply
  - Gas supply expected has commenced

Achieved a milestone towards production and sale of gas

# Major Consumption Centers in India



**Large Demand Centers  
(FY2022 Demand in MMSCMD)**



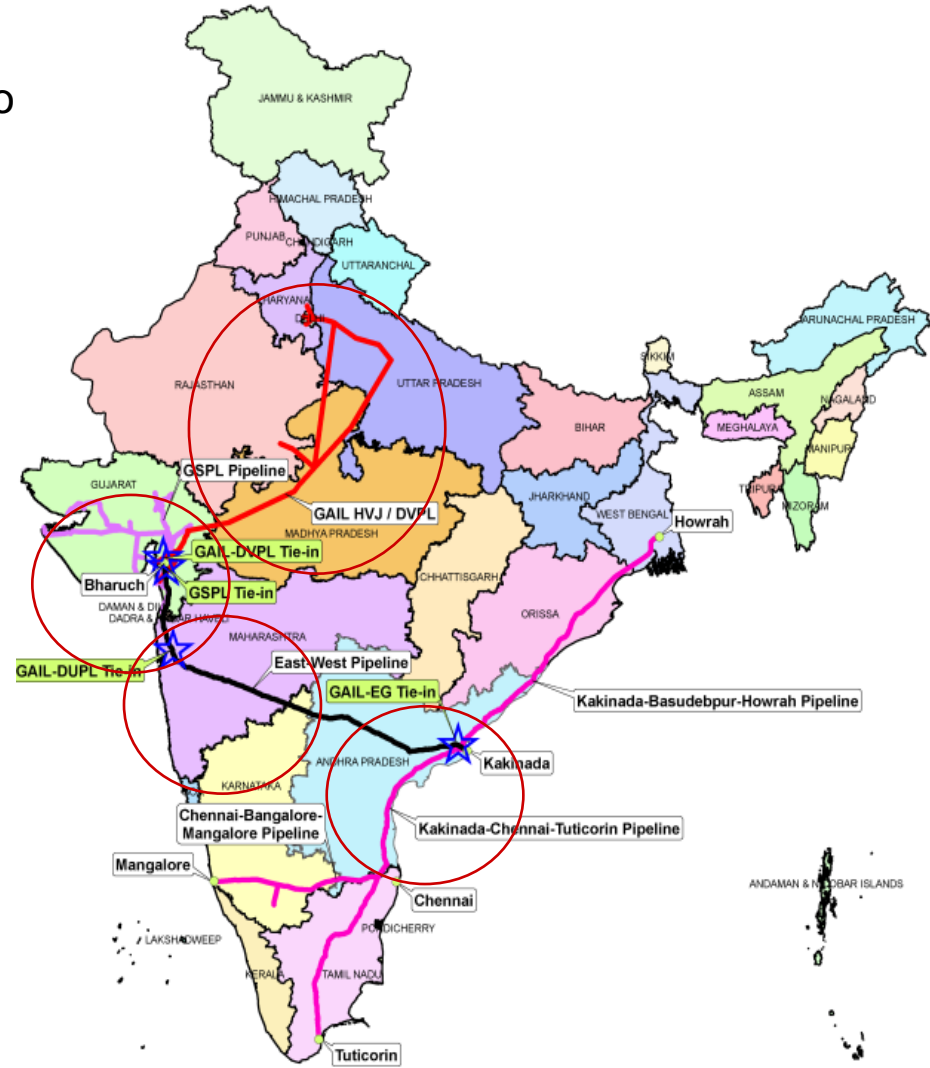
Source: CRISIL

# KG-D6 – Connectivity to demand centers



- D6 gas would be transported using East West pipeline which connects to major pipeline networks in India as follows :

- Ankot, Gujarat – with GAIL DVPL/HVJ
- Oduru, A.P. – with GAIL EG at Oduru
- Mhaskal, Maharashtra – with GAIL DUPL
- Bhadbhut, Gujarat – with GSPL
- Atakpardi, Gujarat – with GSPL



KG-D6 Gas connected to all major gas markets in India

# E&P Domestic Portfolio Synopsis



- 3 oil / gas producing blocks – Panna Mukta, Tapti and KG D6
- 31 blocks comprising of 325,000 Sq. Kms. - largest held by any non-state company
- 86% of RIL's assets are in deepwater zones
- 38 discoveries with overall success ratio of 54%
  - High deepwater success rate of 74%
- 5 Coal Bed Methane blocks covering 3,900 Sq. Kms.

Creating a pipeline of project inventory for future growth in E&P

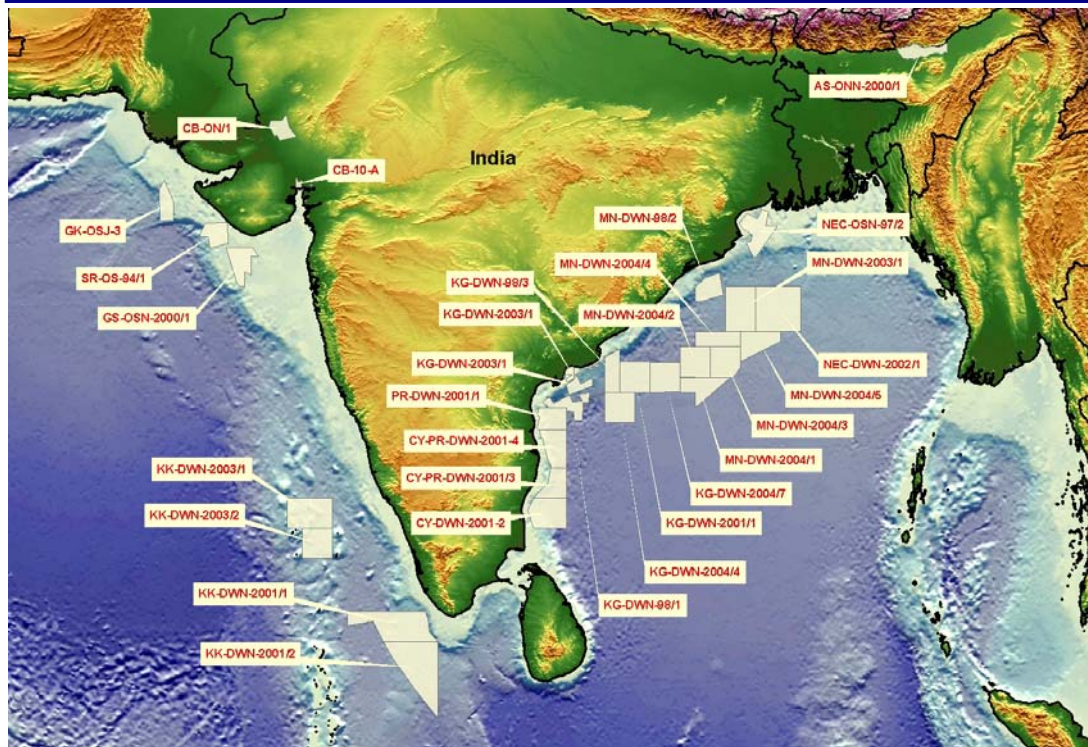


# E&P International Portfolio Synopsis



- 14 blocks in 7 countries, including one producing block in Yemen.  
Additionally, one block in Peru for which license agreement is yet to be signed
  - International exploration acreage of over 108,000 Sq. Kms.
  - Total production of 1.64 MMBOE in FY09
- 61 wells drilled, including 9 wells drilled during the year
- Acquired 7,651 LKM of 2D and 3,417 Sq. Kms. of 3D seismic data – In FY09, acquired 4,518 LKM of 2D and 1,306 Sq. Kms. of 3D
- Plan to acquire additional 1,800 LKM of 2D and 1,000 Sq. Kms of 3D seismic data in FY10

# FY10 Exploration Outlook



- Seismic campaigns plans
  - Cauvery
  - Mahanadi (NELP - VI)
  - Kerala Konkan
- Drilling plans
  - KG basin
  - Mahanadi basin
  - Cauvery Palar

Particulars	2D	3D	Wells
	<i>LKM</i>	<i>Sq. KM</i>	<i>Nos</i>
Domestic Oil & Gas	1,555	26,021	23
CBM			69
International	1,812	1,000	3

# E&P Priorities for FY10



- Enhanced gas production from D1- D3 Fields
  - Commissioning of all 18 production wells
  - Stabilize and achieve production at 80 MMSCMD by 2H FY10
- Sign-up customers for incremental production volume
- Satellite discoveries field development
  - Development plan submitted to the Regulator
  - Front-end Engineering and Design to commence on approvals
- Mobilize resources for ongoing exploration, appraisal and development in other blocks

Growth market and competitive pricing signifies potential for value accretion



## Refining & Marketing

# R & M Business Highlights



- Global demand declined by 3.2 MBD in 4QFY09 – compares with a drop of 1.9 MBD in the trailing quarter and 0.3 MBD in 2008
- Demand for middle distillates suffered the most with sluggish economic activity, reduced global freight movement and air traffic
- Drop in product prices lagged fall in crude prices supporting higher GRM in the trailing quarter only - though margins are lower on a Y-o-Y basis
- Global utilization rates declined to a decade low and is at 83.0% in North America, 81.9% in Europe and 80.5% in Asia
- Following OPEC cuts and HSFO dynamics, Light - Heavy differentials contracted from a peak of \$10/bbl in July 08 to \$ 2.2 /bbl in Mar 09

Challenging business environment with heightened volatility

# RIL R&M Operating Highlights

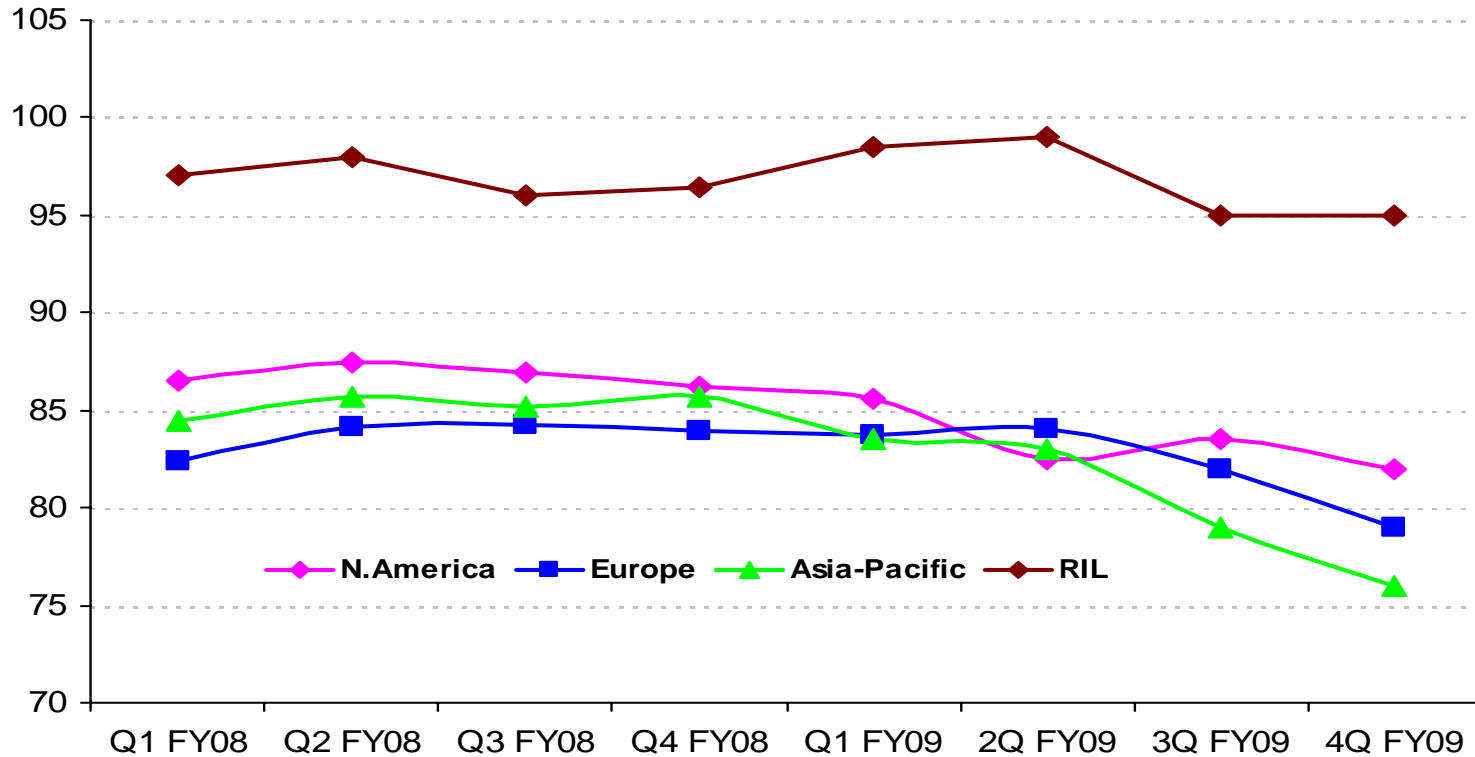


- GRM of \$9.9 /bbl for the quarter and \$12.2 /bbl in FY09, reflecting strong out performance against global benchmarks
- Processed 32.0 Mn Tons of crude in FY09 vis-à-vis 31.8 Mn Tons in FY08
- Refinery utilization at 97% in FY09, significantly higher than regional averages
- New SEZ refinery operational
- Export volumes at 21.0 Mn tons in FY09

# RIL Refinery Utilisation



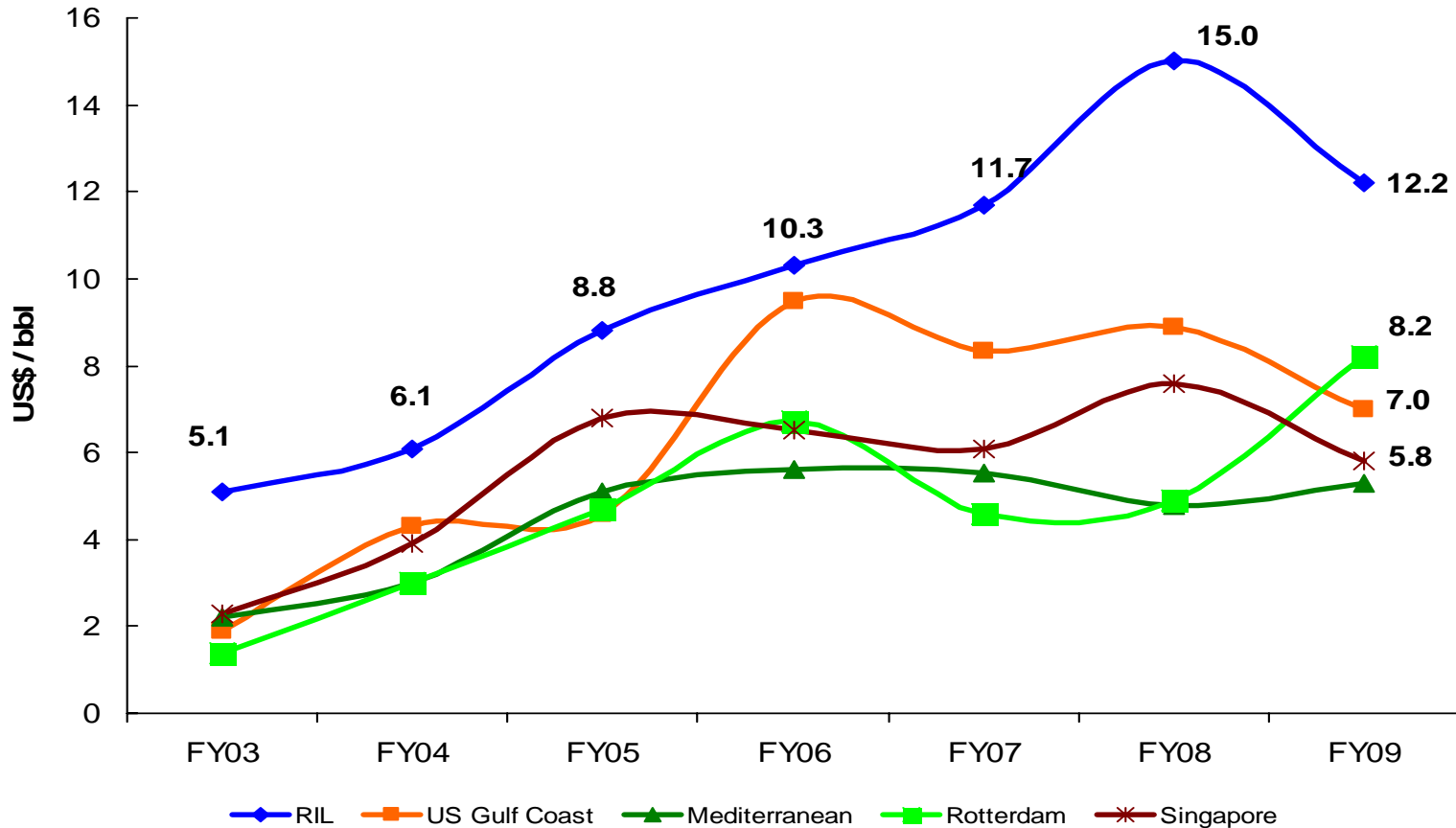
Regional Operating Rates (%)



Source : ESAI

Global operating rates at a decade low - RIL continues to operate at significantly higher levels - with average utilization of 97% in FY09

# Margin Benchmarking



Source: Reuters / Company Data

Significant out-performance even in a challenging business environment



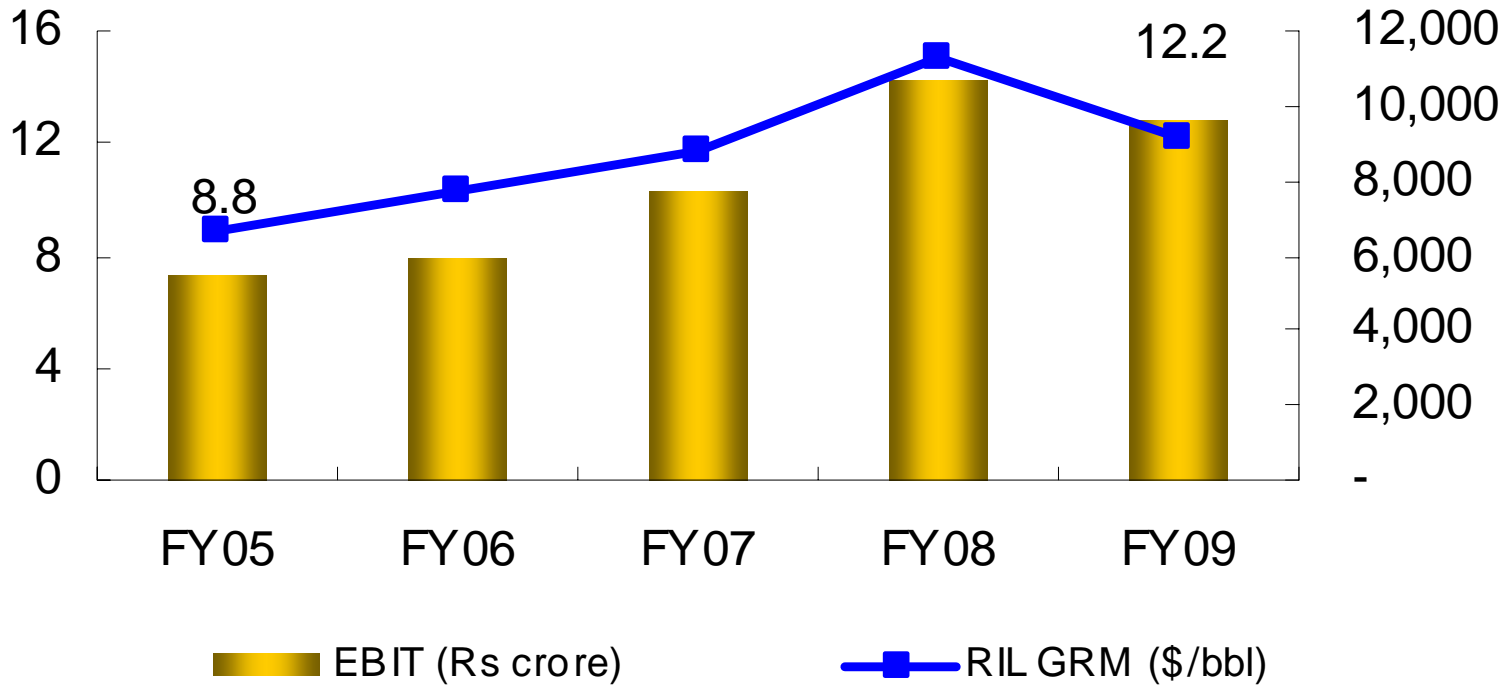
# RIL Margin Premium: Key Drivers



- Design advantage – complexity benefits, yield and superior product slate
- Flexibility to process “difficult” crude oils
- Efficiency in sourcing crude oil in terms of geography and quality
- Advantage Jamnagar – both in terms of connectivity for sourcing and product placement and high level of infrastructure integration
- Flexibility in product slate – strong leverage in volatile market conditions
- Benchmarked efficiencies and low operating costs – below \$2/bbl against industry average costs of \$5/bbl
- Resilient light – heavy differential for most part of the year

Sustainable structural advantages, supporting higher margins

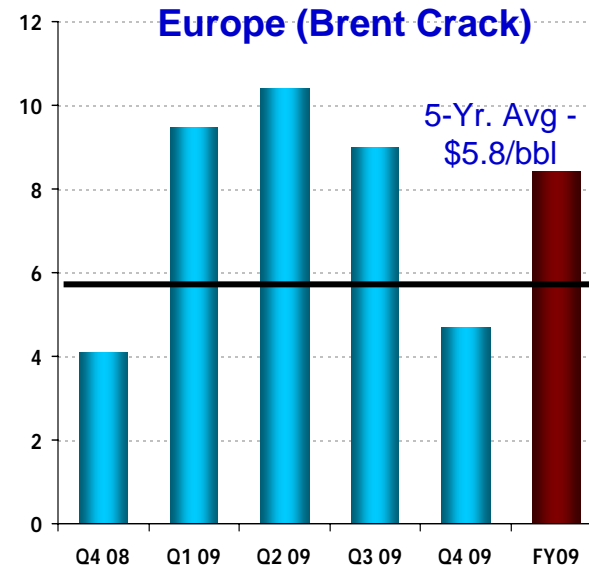
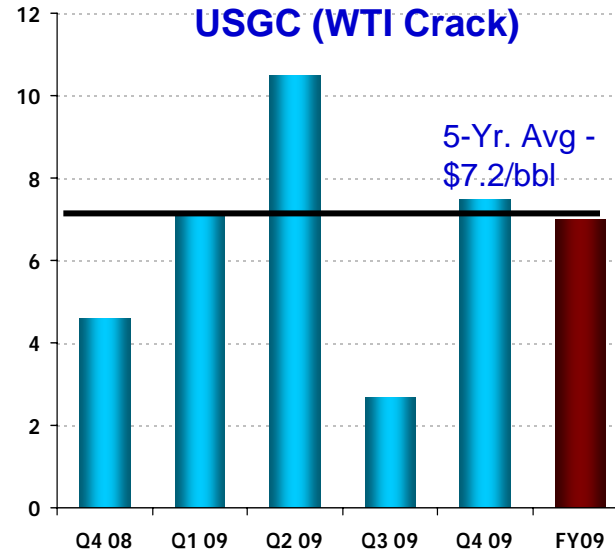
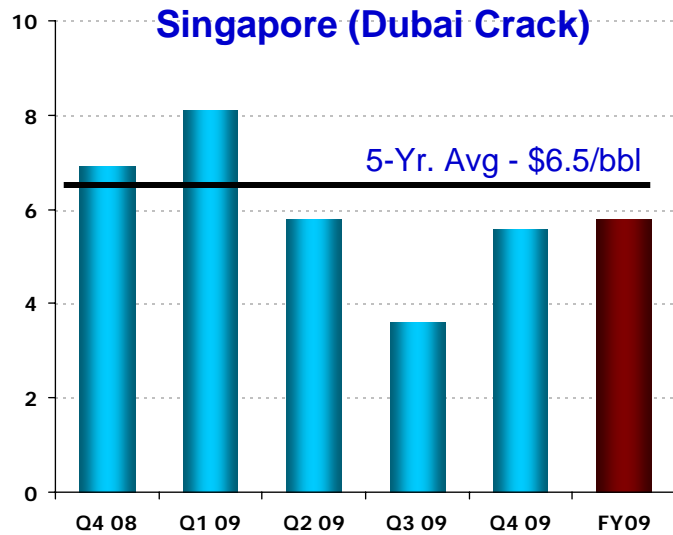
# R&M EBIT Trends



Segment EBIT CAGR of 22% over the last 5 years

# Refining Margin Scenario

US \$/bbl



- Asian and US refiners rebound with renewed gasoline demand and FO cracks
- European refiners suffered due to weak middle distillates in 4Q09

Source: Reuters

# Refining Capacity Scenario



- About 25 refineries in North America with capacity of 1.5 MBD is vulnerable due to high operating cost concerns
- Additional capacity of 1.3 MBD (10-12 refineries) are vulnerable, should product cracks deteriorate further
- European refiners with collective capacity of 1.7 MBD is generating negative returns. A decline in cracks will make these refineries unviable

## Private refineries running on low margins

Region	No. of Refineries	Capacity (MBD)
Africa	9	0.53
Asia Pacific	31	3.85
Europe	28	2.85
FSU	7	0.26
Latin America	10	0.47
Middle East	5	0.53
North America	25	1.50
<b>Total</b>	<b>116</b>	<b>9.87</b>

Source: PIRA

Complex refineries are set to gain with the potential closure of inefficient refineries

# R&M Portfolio Synopsis



- Complex refining capacity of 1.24 MBD – transforming Jamnagar as the global refining hub
- World class refineries with high Nelson complexity index of 11.4 (Domestic) and 14 (SEZ)
- Following the merger of RPL, RIL will
  - be a top 10 non-state refiner globally
  - own 25% of World's most complex refining capacity
  - operate 2 of the world's 3 largest complex refineries
  - be among the world's largest producers of ultra-clean fuels at a single location

Geared to addressing ensuing challenges in the global refining business

# R&M Priorities for FY10



- Achieve full capacity utilization at the new SEZ refinery
- Leverage benefits of combined operations in order to improve efficiency and realize synergies from crude sourcing and product placement
- Optimize netbacks by balancing product placement in growth-oriented domestic markets and large, global consuming markets
- Leverage relationships with crude suppliers to maintain light – heavy differential
- Set global benchmarks in Health, Safety and Environment (HSE) for complex refineries

Aim to deliver Best-in-class performance in a difficult environment



# Petrochemicals

# Petrochemicals (Polymers and Chemicals) Business Highlights

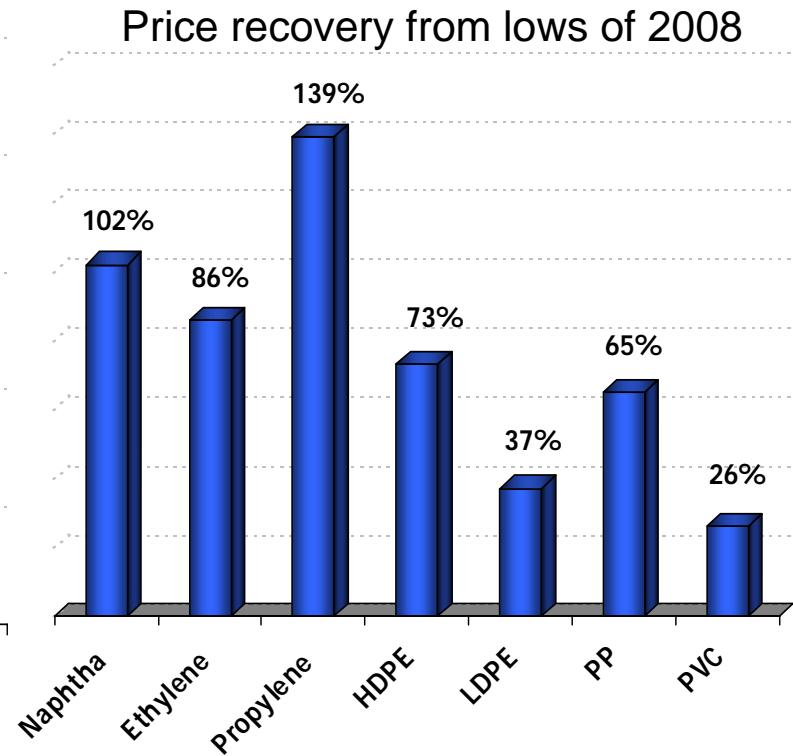
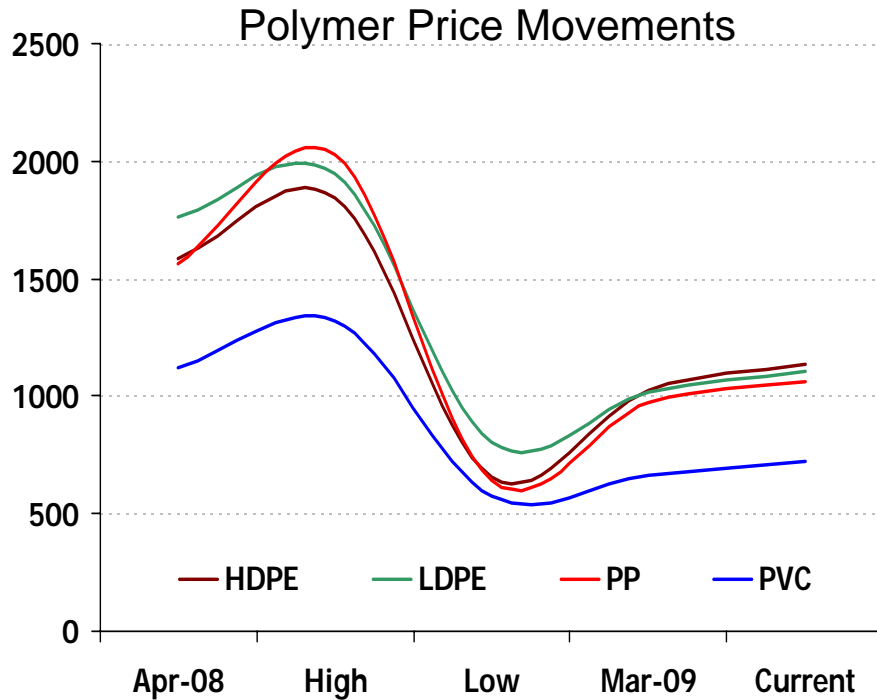


- 2/3QFY09 was impacted by a sharp fall in feedstock prices and demand destruction caused by global economic slowdown
  - Destocking in the downstream / user segments
  - Operating rates dropped to a decade low levels of 80% in US/Europe
  - High cost naphtha based producers became unprofitable
- Producers responded by adopting
  - a demand-oriented operating rate – ensuring low inventory levels
  - adopting a customer-centric pricing strategy
- Demand rebound in 4QFY09 with stability in feedstock prices resulting in restocking at the downstream level
- Deltas remained volatile on a Q-on-Q basis but stable on a full-year basis

Challenging business environment with high price volatility



# Price Scenario - Feedstock and Polymers Products



Source: Platts

Smart and rapid recovery in feedstock and product prices from their lows in September – October 2008

# RIL's Polymers Operating Highlights



- Reduced inventory overhang through temporary capacity curtailment
- Operating rates for key polymers declined sharply in the last quarter

	4Q FY09	FY09
PE	91%	96%
PP	76%	85%
PVC	97%	98%

- Adopted a customer-centric pricing strategy
- Passed on the benefits of excise duty reduction to customers
- Concerted efforts towards developing new applications – aimed at developing bulk food grains packaging materials industry

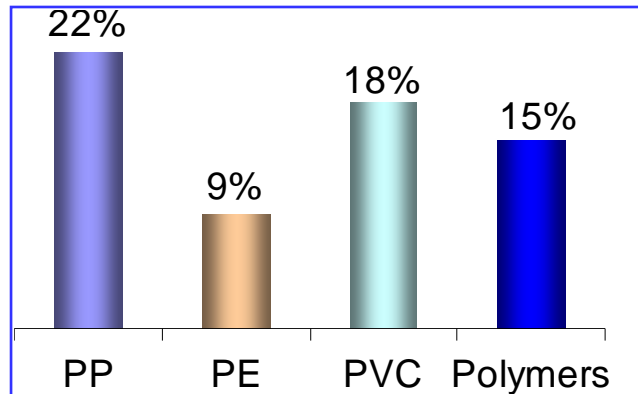
RIL's pro-active strategy and domestic-orientation helped to stay ahead of competition

# Polymers Domestic Demand

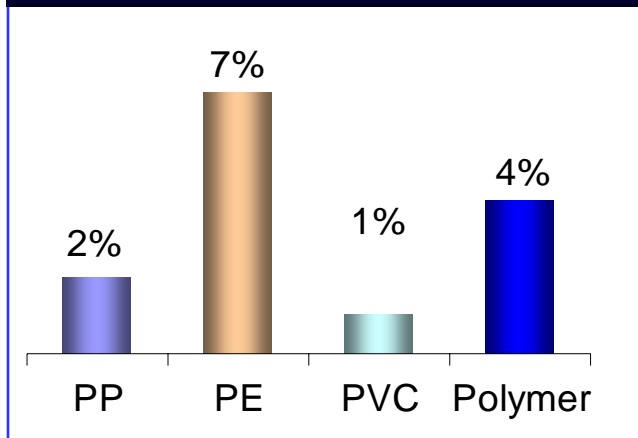


- Polymer demand grew by 4% in FY09
- Demand recovery in 4Q09 - 15% Q-o-Q growth driven by lower prices
- Demand for PP grew by 22% in Q4 with revival in auto and consumer durables
- Improved demand for packaging resulted in 9% higher sequential demand for PE
- Growth in construction and infrastructure led to 18% higher demand in Q4 for PVC
- New demand drivers: Food / Sugar packaging and the launch of new vehicle models

Demand Growth in Q4 FY09 vs Q3 FY09

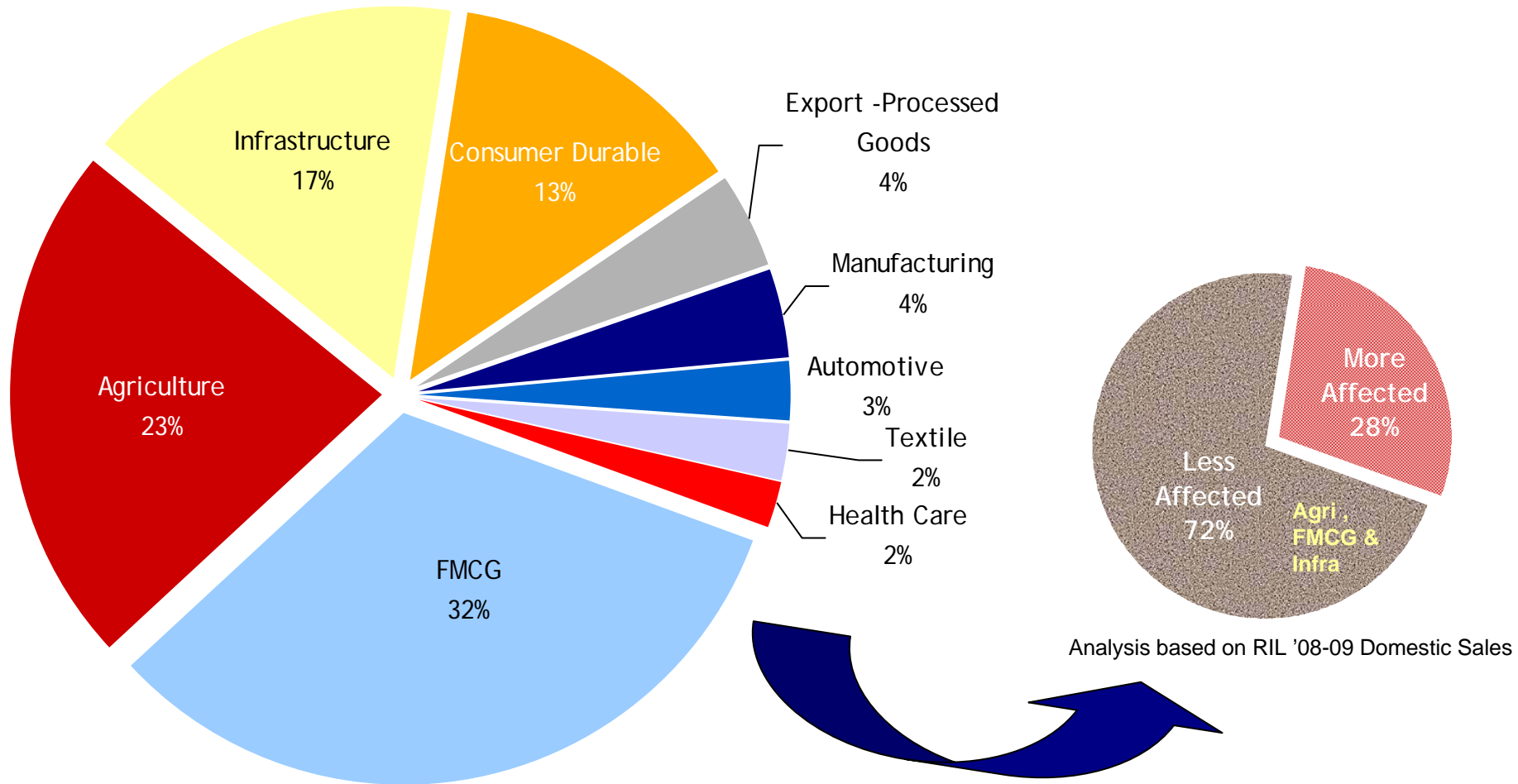


Demand Growth – FY09



Aggregate demand grew by 4% for FY09 – India remains a growth market  
RIL derives over 90% of volume in the domestic market

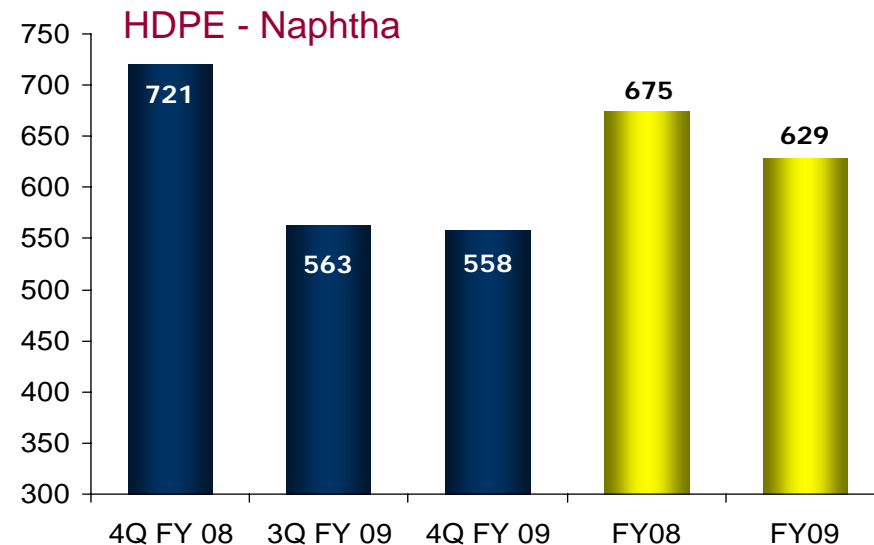
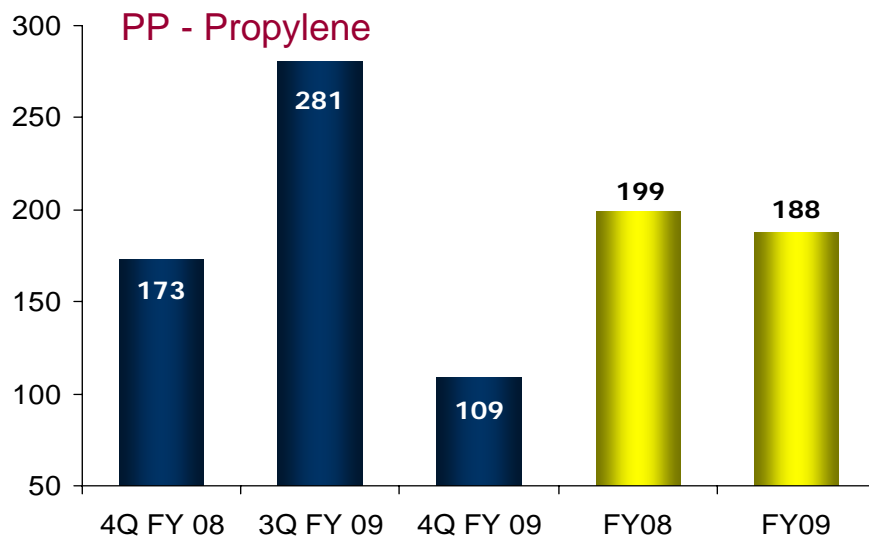
# RIL's Unique Market Positioning



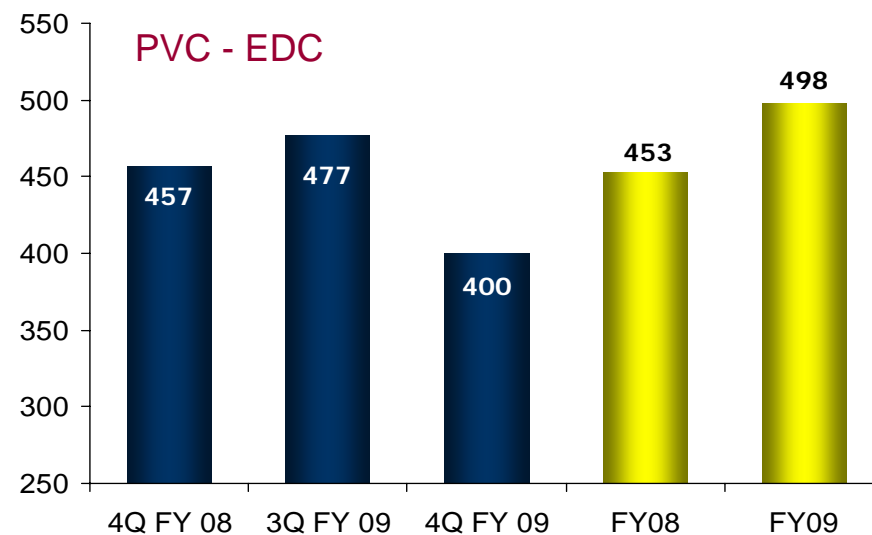
Significant part of the business targeted at less cyclical sectors

# Polymer Deltas

US\$ / MT

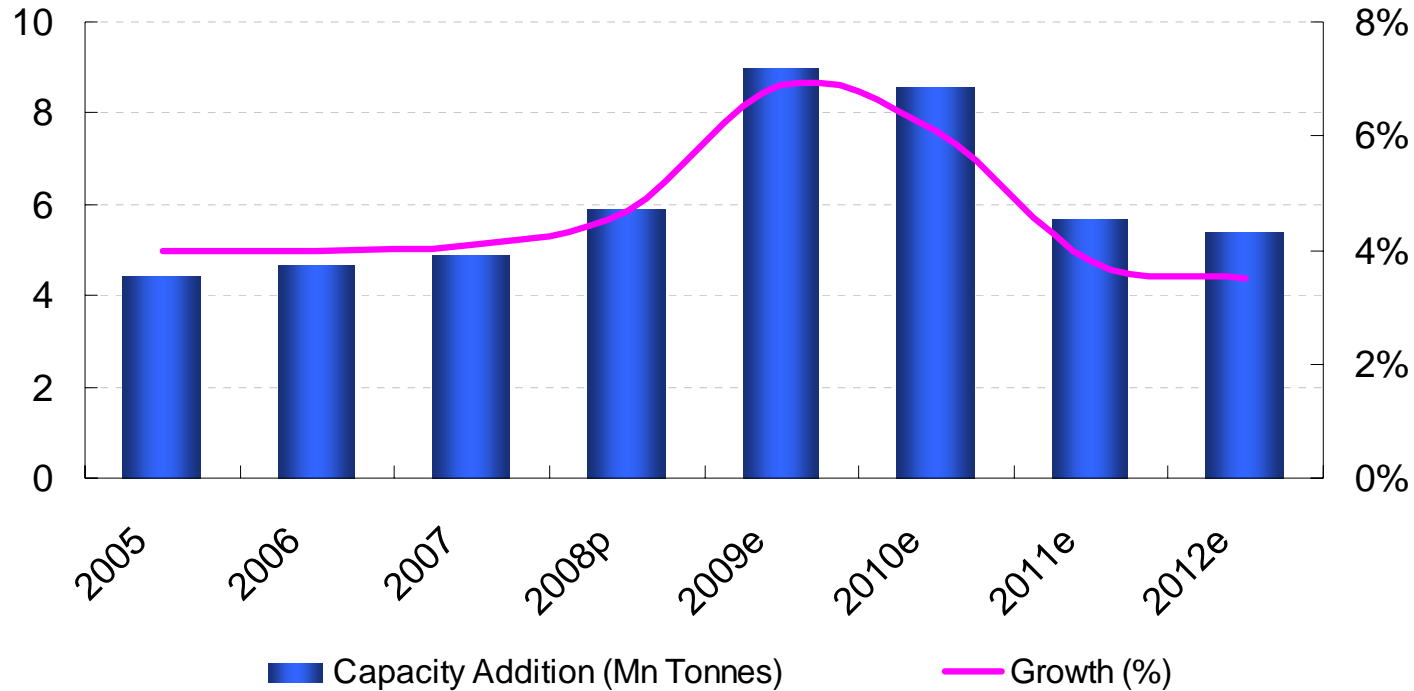


Source : Platts



On a Y-o-Y basis, deltas remained strong despite the impact of Q4

# Ethylene Capacity Additions



23% in global capacity in next 3 years – fastest ever increase

Set to impact operating rates, margins – compounded by demand slowdown

# Polymers & Chemicals Business Priorities FY10



- Challenging global environment with volatile prices and demand slowdown
- Capacity additions in Middle East and China to impact operating rates – margins likely to remain under pressure
- Leverage high domestic growth and sustain high operating rates
- Follow a proactive pricing and operating strategy to ensure low inventories and protect deltas
- Stabilise operations at the new SEZ Polypropylene facility and ensure full product placement

# Petrochemicals (Polyester) Business Highlights



- Industry consolidation driven by global slowdown - delayed expansions, change in ownership in USA, Europe, China
- Increased volatility in prices & margins
- Curtailed operations across the synthetic fiber chain - polyester retains dominance
- Cotton impacted by slowdown - higher support prices and large scale procurement by Govt agencies in India / China helped mitigate the issue
- Increasing trade protectionism globally with advent of anti-dumping duty in large markets



# RIL's Polyester Operating Highlights

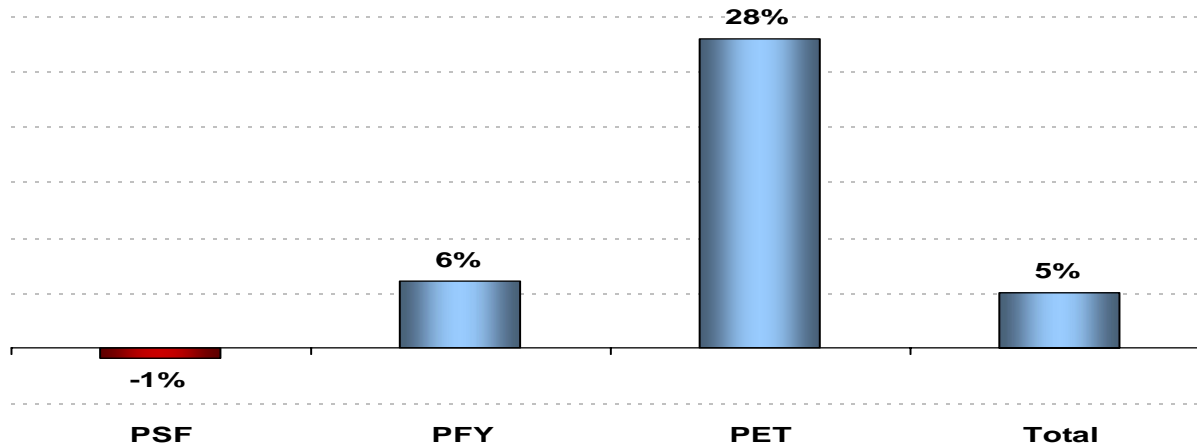


- Maintained high operating rate of around 90% despite the dip in 3QFY09
- Record high PFY volumes with commencement of re-stocking in 4Q FY09
  - sharp correction in prices resulted in de-stocking in 3QFY09
- Entry into new user segments like personal care and agro in order to continue the growth momentum
- Focused on product differentiation and competitive pricing and operating strategy
- Increase focus on specialty and high-value products

# India: Polyester Demand



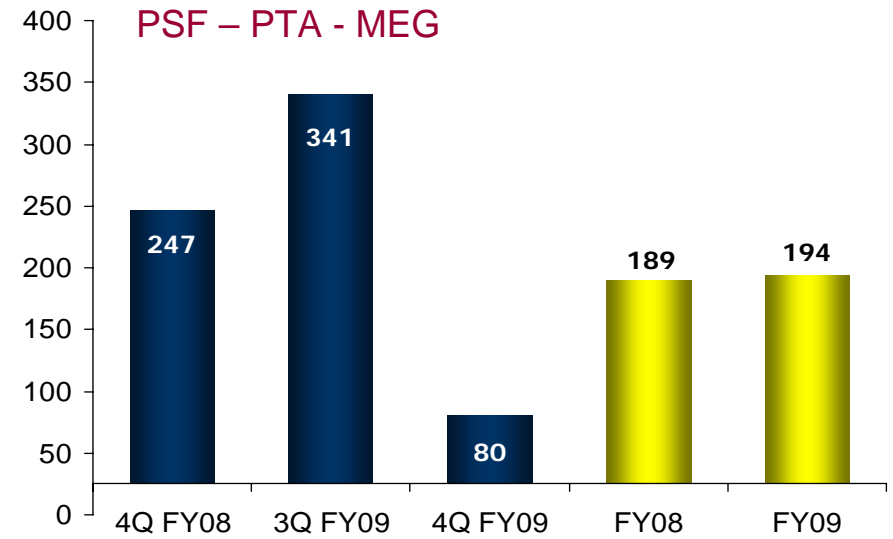
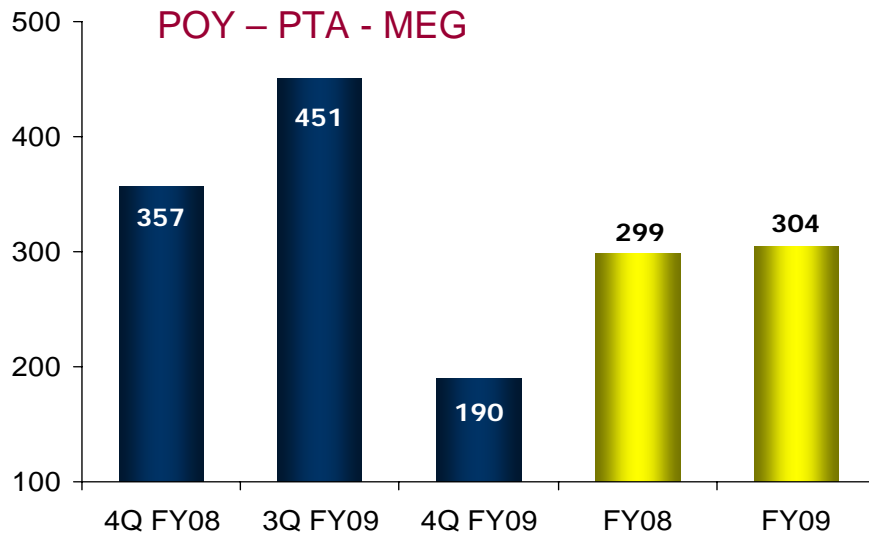
Demand Growth - FY09



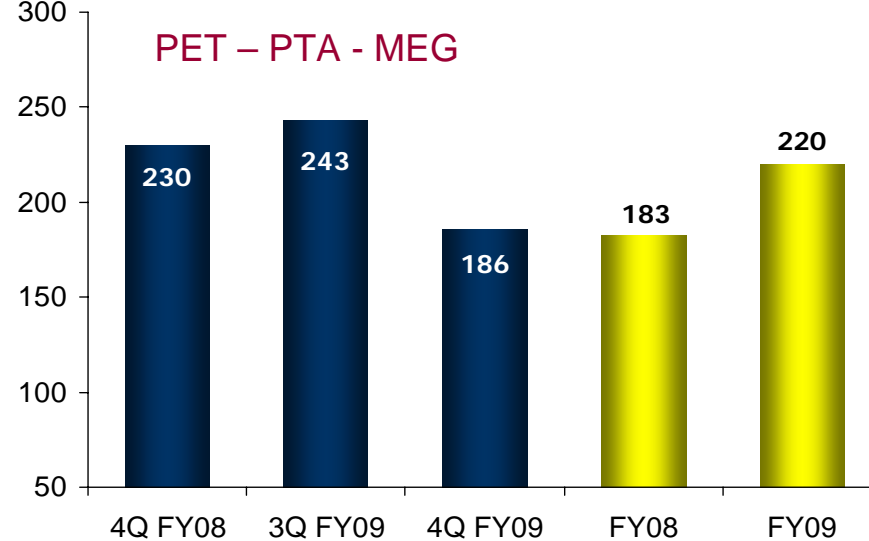
- Secondary polyester yarn manufacturers increasing capacity, texturisers integrating backwards
- New applications increasing PET demand
- Slow down in spun yarn exports, Southern India spinners plagued by power shortages

# Polyester Margin Environment

US\$/MT



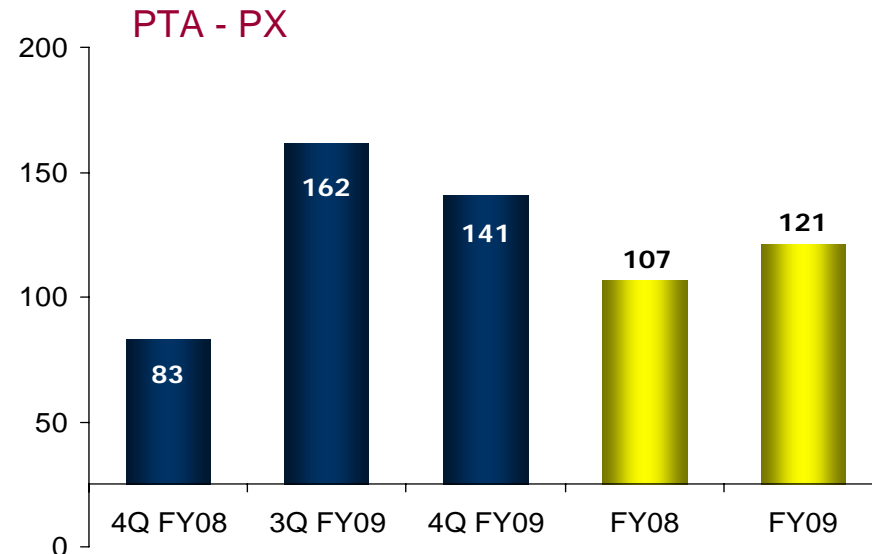
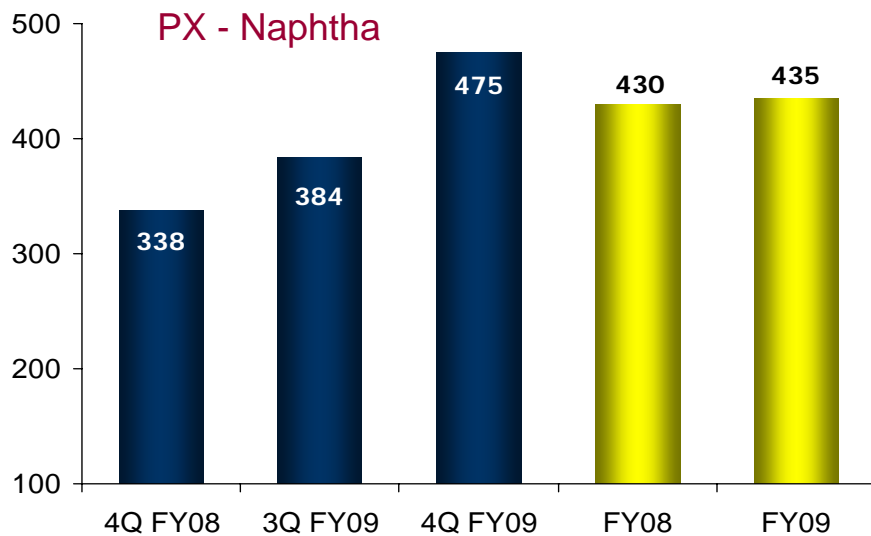
Source: Platts, ICIS-Lor



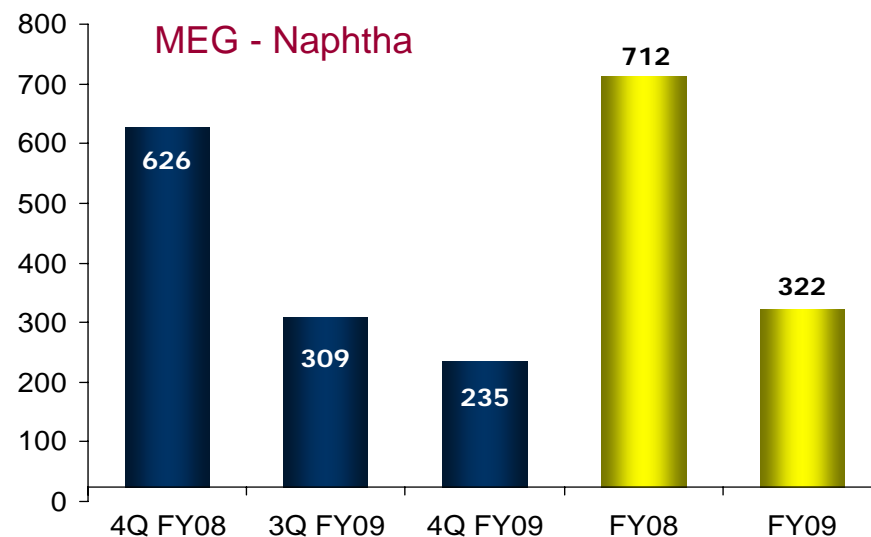
Collapse of demand in EU/US led to sharp fall in polyester prices

# Fiber Intermediates Margin Environment

US\$/MT



Source: Platts, ICIS-Lor



Resilient delta - PX deltas higher on the back of new PTA capacity

MEG deltas were abnormally high in 4Q FY08 due to an unplanned shutdown of a large ME capacity

# Polyester Business Priorities FY10



- Focus on value added products – self colored, antimicrobial, moisture mgmt yarns
- Focus on new market segments – medical textiles, comfort textiles, defense & transport textiles, New generation structural fiber for infrastructure sector
- Strengthen positioning to benefit from presence in growth markets – India growing by 6.7% and China at 5.7%
- Lower energy cost – operations sustainable at lower deltas
- Slowdown capacity addition, soft raw material and firm cotton prices

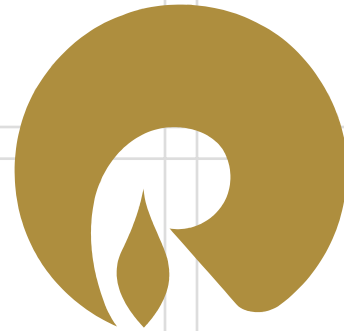


# Summary

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- World-class refinery and complex, deepwater gas project commissioned
- Focus on stabilization, safe operations and production ramp-up
- Thrust on sustaining high operating rates and maximizing margins
- Earnings growth to come from higher volumes of refined products and commencement of oil and gas sales
- Top quartile refining and petrochemical assets to provide industry leading returns



Thank You

