



Investor Presentation

November 2013

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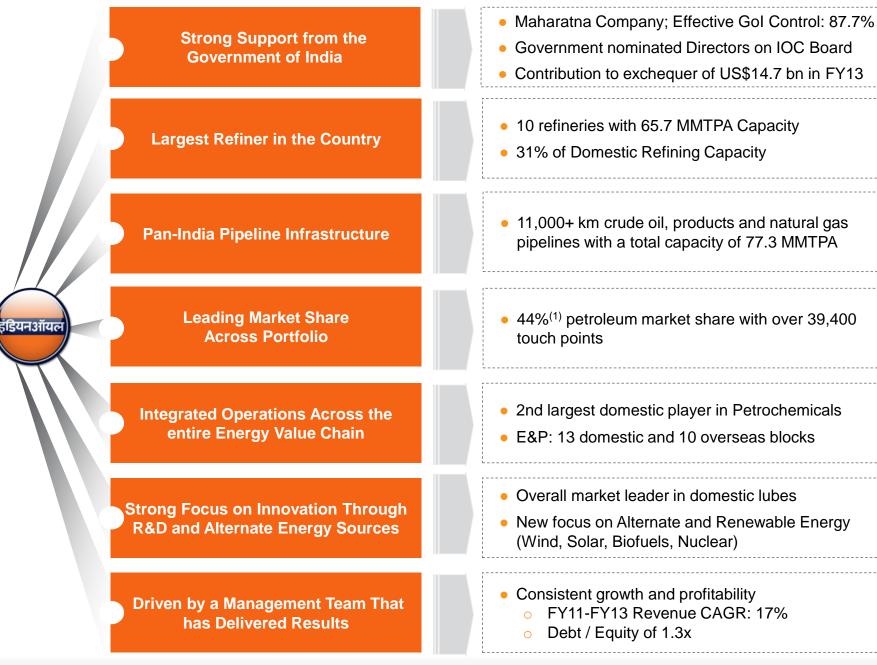
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Indian Oil Corporation: The Future of India Energy

















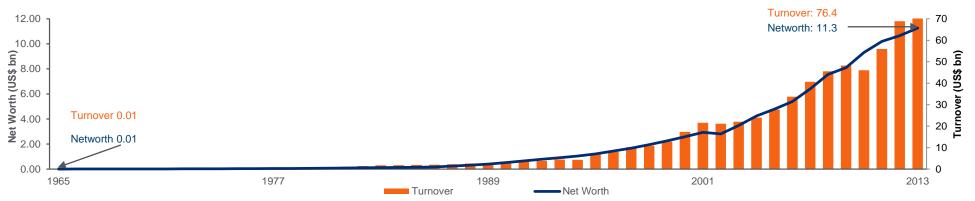


Note: 1. Petroleum Planning and Analysis Cell (http://ppac.org.in/). Website viewed on November 5, 2013. Exchange Rate Used: 1US\$ = 54.29 INR.

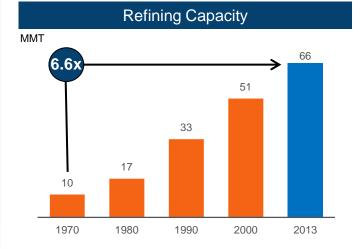
Our Journey at a Glance

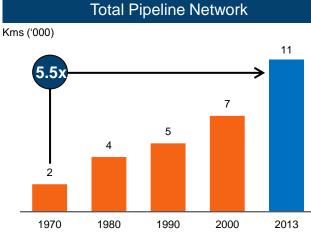
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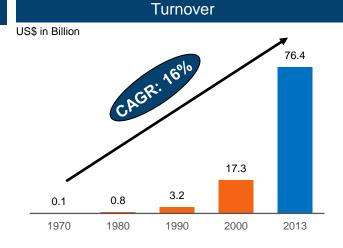
From Humble Beginnings to a leading Indian Oil Company



Exchange Rate Used: 1US\$ = 54.29 INR







Exchange Rate Used: 1US\$ = 54.29 INR











Note: IOC is ranked 80th as per Platt Rankings 2013. IOC is ranked 88th amongst Fortune Global 500 Companies in 2013. Exchange Rate Used: 1US\$ = 54.29 INR.



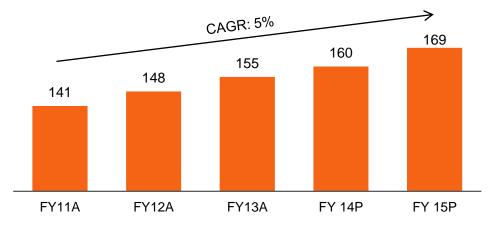
India is Among the World's Fastest Growing Economies

GDP Growth	2001-11 Average	2012A	2013P	2014P
India	7.5%	5.0%	4.8%	5.6%
China	10.4%	7.7%	7.7%	7.3%
Brazil	3.6%	0.9%	2.5%	2.6%
EU - 28	1.4%	(0.3%)	0.0%	1.1%
US	1.7%	2.8%	1.6%	2.6%

Source: Economist Intelligence Unit (EIU) data as of November 5, 2013. Citi, *Global Economic Outlook and Strategy*, October 23, 2013.

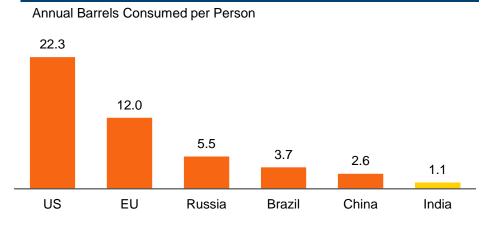
Oil Consumption Trends Have Been Rising Marginally...

MMT



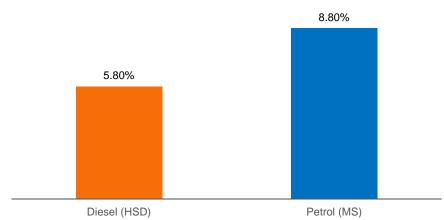
Source: Petroleum Planning and Analysis Cell, Ministry of Petroleum and Natural Gas, Govt. of India. Website viewed on November 5, 2013.

However, Low per Capita Oil Consumption Represents an Underpenetrated Opportunity...



Source: CIA World Fact book (as on January 2012).

...With Strong Growth in Consumption Across Key Products



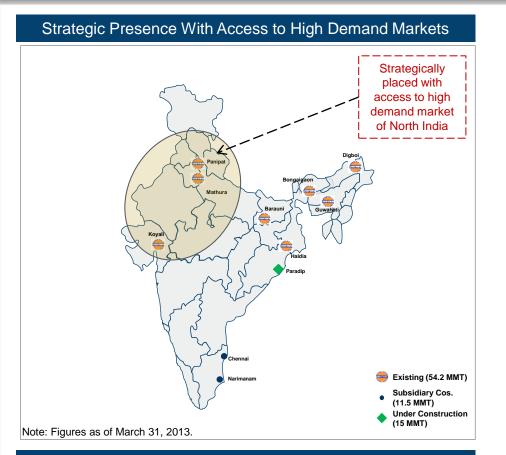
FY13 - FY17E CAGR

Note: HSD: High Speed Diesel and MS: Motor Spirit

Source: Petroleum Planning and Analysis Cell (http://ppac.org.in/).Website viewed on November 5, 2013.

IOC - The Largest Refiner in India



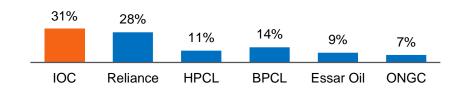


Importing Crude from Across the Globe

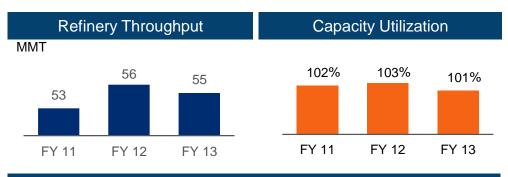


Total crude oil import: 50.77MMT (including 8.3MMT for CPCL) Note: Figures as of March 31, 2013. (1) Source: www.petroleum.nic.in.

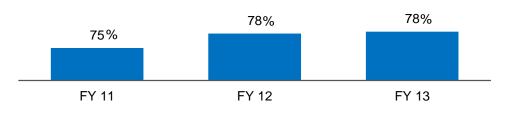
Leader in Refining Market Share⁽¹⁾



Note: Figures as of March 31, 2013.

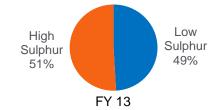


Steady Distillate Yields



With Strong Focus on Quality

Type of Crude Oil Used



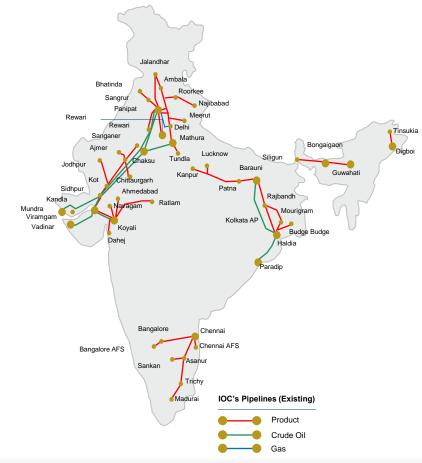
- ✓ All refineries Euro III / IV Compliant
- ✓ Crude basket consists of around
 156 grades

Note: All figures for the year ended March 31 of the respective years.



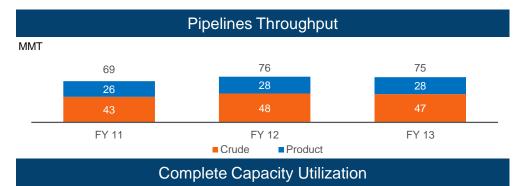
Leading Pipeline Network			
	Length (KM)	Capacity	
Crude Oil Pipelines	4,448	40.40 MMTPA	
Product Pipelines	6,632	36.85 MMTPA	
Gas Pipelines	134	9.5 MMSCMD ⁽¹⁾	
Total	11,214		

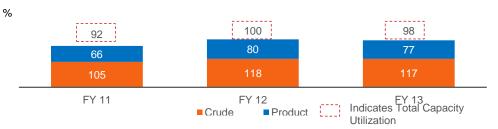
All figures for the year ended March 31, 2013.





Note: Figures as of March 31, 2013.

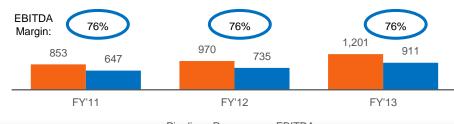




Steady Revenue Stream and Healthy EBITDA Margins



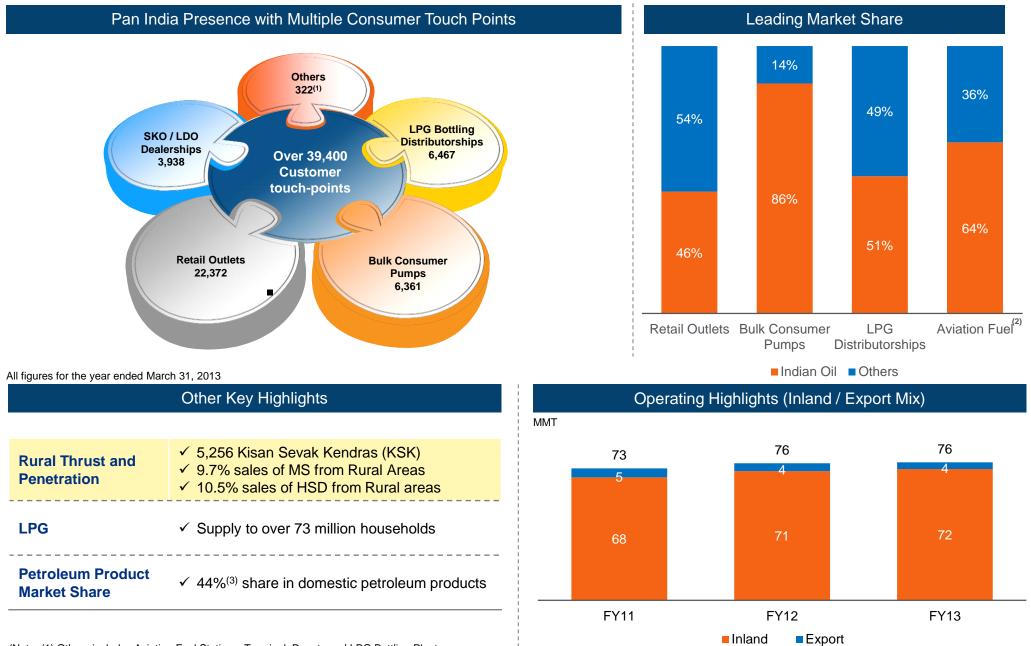
Exchange Rate Used: 1US\$ = 54.29 INR.



Pipelines Revenue EBITDA All figures for the year ended March 31 of the respective years.

Marketing: Reach in Every Part of the Country





(Note: (1) Others includes Aviation Fuel Stations, Terminal ,Depots and LPG Bottling Plants.

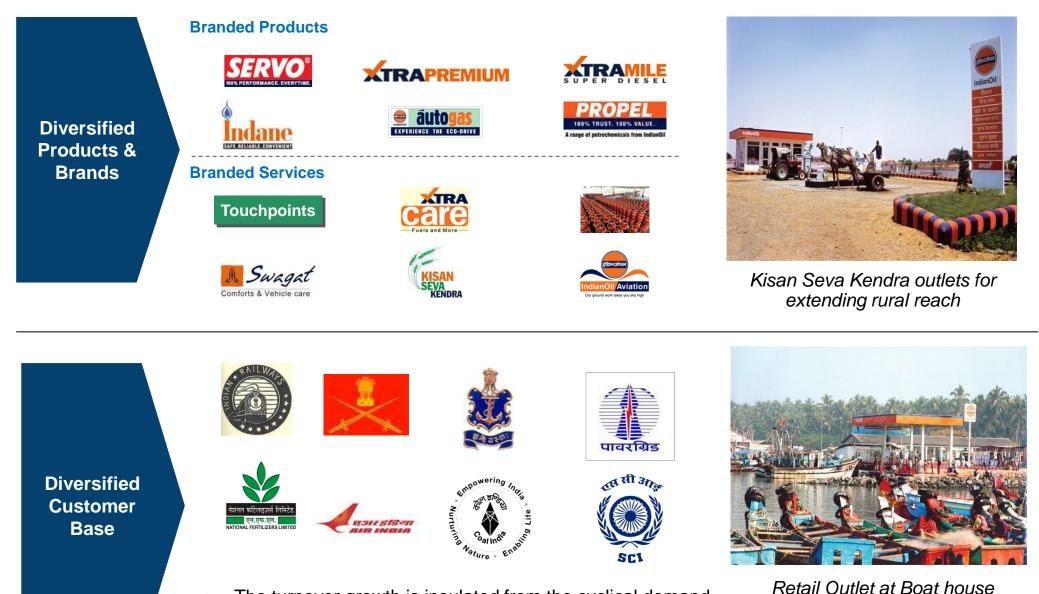
(2) Aviation fuel market share is calculated as % of sales.

(3) Source: Petroleum Planning and Analysis Cell (PPAC). (http://ppac.org.in/). Website viewed on November 5, 2013.

HSD: High Speed Diesel and MS: Motor Spirit

All figures for the year ended March 31 of the respective years.



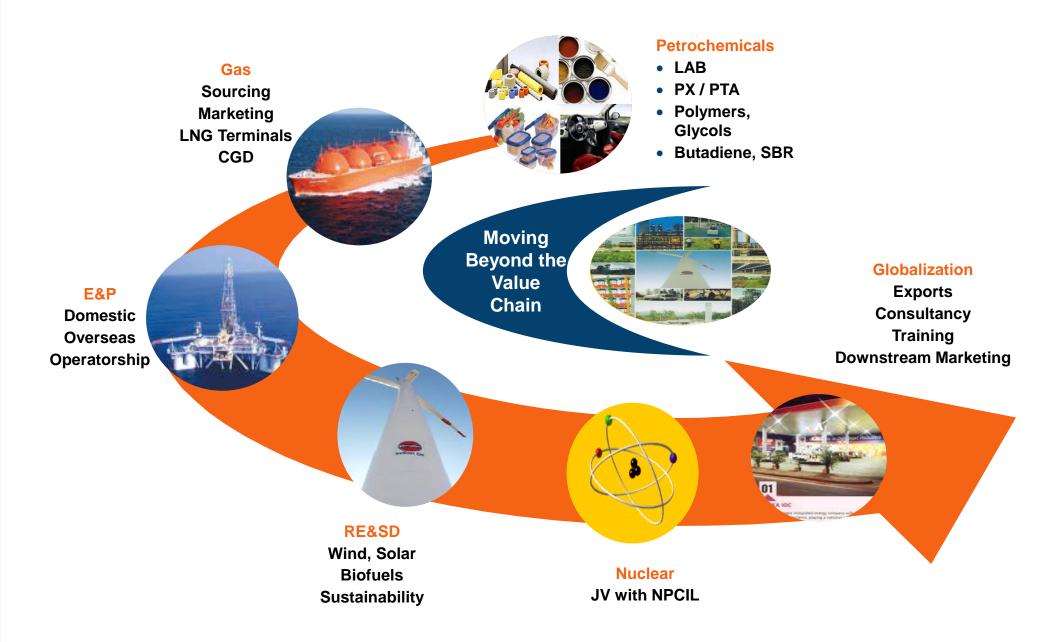


The turnover growth is insulated from the cyclical demand ٠ fluctuations due to diversified customer base

Retail Outlet at Boat house

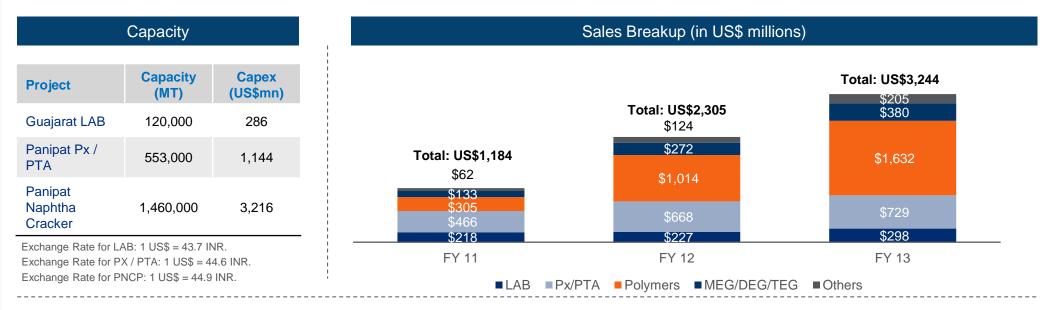
Moving Beyond the Traditional Value Chain

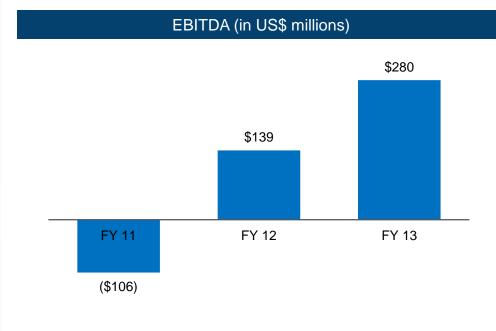




Leading Producer of Petrochemical Products









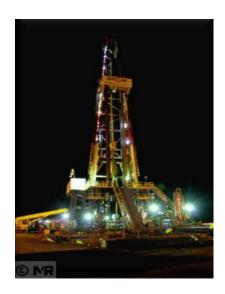
Exchange Rate used: 1 US\$ = 54.29 INR.

Backward Integration Through E&P



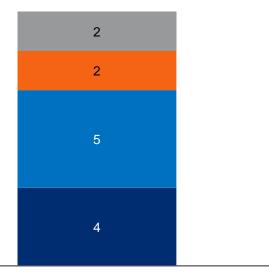
IOC: E&P Capabilities

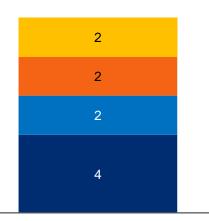
- Stake in 23 exploration blocks
- 13 Domestic blocks
 - With ONGC / OIL / GAIL / GSPC / Petrogas / HPCL / HOEC / AWEL (20% -100% participating interest)
 - Including 2 Coal Bed Methane blocks with ONGC (20% participating interest)
- 10 International blocks
 - Libya (3), Iran (1), Yemen (2), Nigeria (1),
 Gabon (1), Venezuela (1) & USA (1)



A view of the drilling site at IOC Khambel 1

Status of Domestic and Overseas Blocks





Domestic Blocks

Overseas Blocks

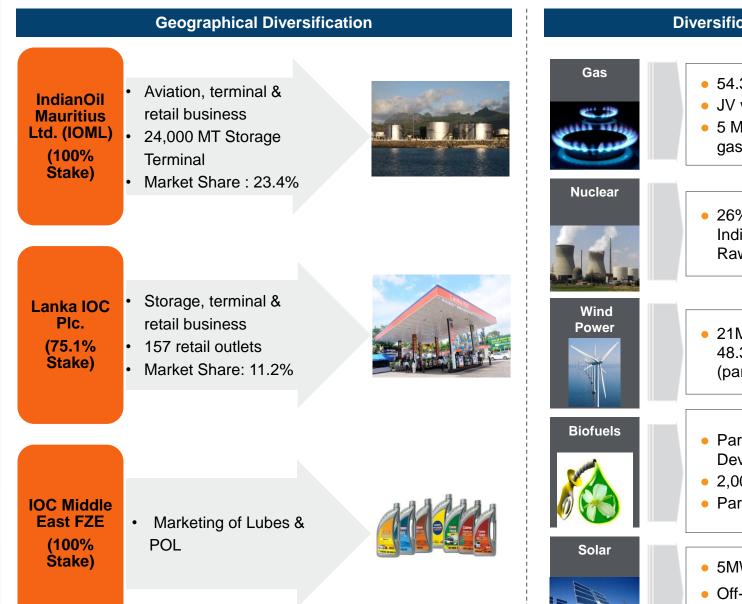
■ Discovery Blocks ■ Under-exploration ■ Non-operational ■ CBM ■ Under Production All figures for the year ended March 31, 2013.

Recent Developments on E&P

- State of the art Data Interpretation Centre "Anweshan": For in-house seismic interpretation capabilities
- Acquired 10% stake in Project Carrizo, USA in October 2012 – Brought in IOC's 1st E&P earnings
- Production in Project Carabobo, Venezuela started in December 2012

Diversified Across Geographies and Energy Sources





Diversification Across Sources

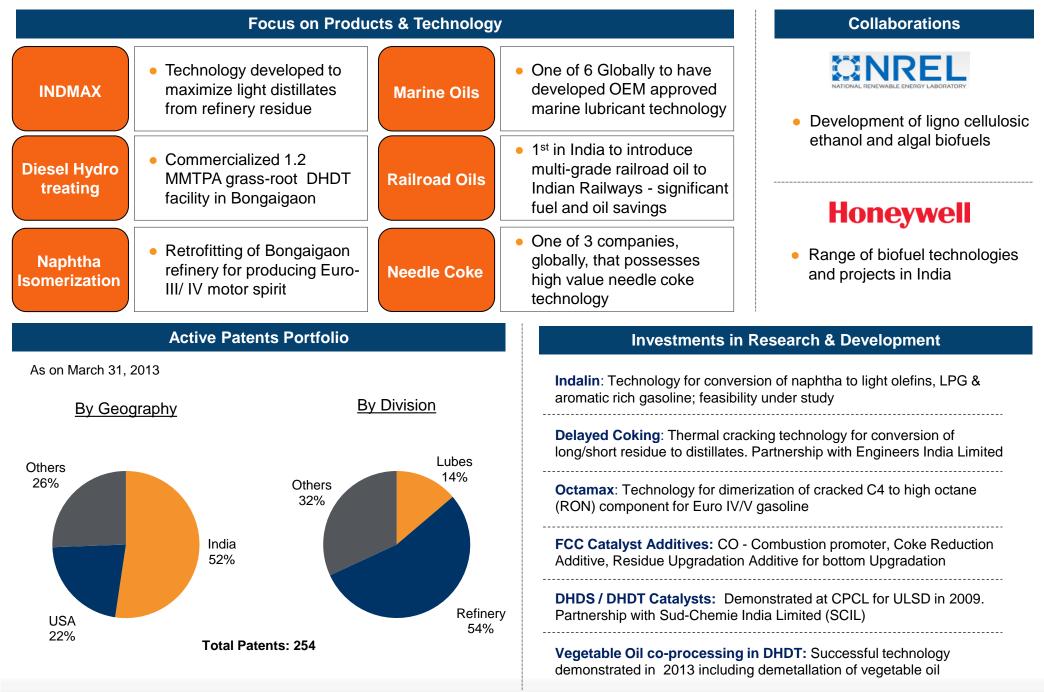
- 54.3% revenue growth, US\$ 1,154 m (FY13)
- JV with Green Gas for City Gas Distribution
- 5 MMTPA LNG import, storage and regassification terminal planned
- 26% JV with Nuclear Power Corporation of India to establish nuclear plant at Rawatbhatta; Investment of US\$177mn
- 21MW plant at Kachchh; Second plant of 48.3MW capacity in AP, South India (partly commissioned)
- Partnership with Chhatisgarh Renewable Development in 30,000 hectare wasteland
 - 2,000 hectare wasteland for Jatropha in MP
 - Partnership with Ruchi Soya Industries
 - 5MW solar plant in Rajasthan
 - Off-grid solar plants currently at 558 Retail Outlets

Note: Other overseas subsidiaries include IOC Sweden AB and IOC (USA) Inc. (facilitating overseas upstream operations

All figures for the year ended March 31, 2013

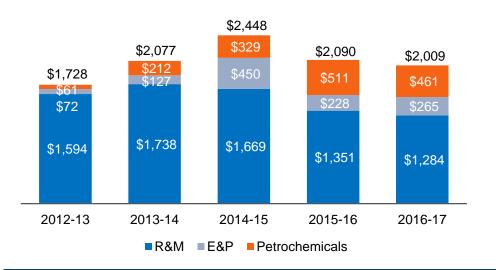
Strong Focus on Research and Development







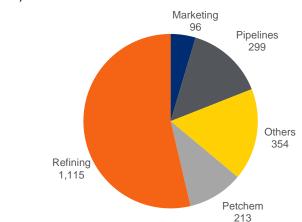
12th 5 year Plan Investment Targets (in US\$ mm)⁽¹⁾



Capex Requirements of Key Projects⁽¹⁾

Project	Estimated Cost (US\$ mn)	Anticipated Completion
15 MMTPA Paradip Refinery Project	5,485	Mar-14
Paradip–Raipur–Ranchi Pipeline Project	330	Dec-14
Debottlenecking of Salaya– Mathura Pipeline	292	Dec-14
Paradip–Haldia–Durgapur LPG Pipeline	168	Dec-14
Augmentation of Paradip–Haldia– Barauni Pipeline	108	Aug-15

Planned Capital Expenditure Outlay⁽¹⁾ (2013-14) (US\$ millions)



Paradip Refinery: Augmenting IOC's Capacity

- 15 MMPTA Capacity: Increases IOC's total capacity by 23% over current capacity
- One of the most modern refineries:
 - Largest refinery on the eastern coast
 - 100% HS including 40% Heavy
 - Nelson Complexity Factor 12.2
 - Distillate Yield 81%
 - Energy Index 50 MBN
- Commissioning progressively from February 2014
- Orissa Government support No Sales Tax for 11 years





Exchange Rate used: 1 US\$ = 54.29 INR. Notes:

(1) Figures from 2014-15 to 2016-17 are provisional and subject to change.













Mana	gement Team
RS Butola <i>Chairman</i> 30+ Year Experience	 Previously the Mana responsible for build in over 15 countries MBA from FMD, Del the Indian Institute o
Dr. RK Malhotra Director (R & D) 30+ Year Experience	 Regarded as a natio and alternate source Mechanical enginee (Energy Studies) fro
Sudhir Bhalla Director (HR) 30+ Year Experience	 Handled a gamut of Honours graduate fr (Labour Laws) and N
AMK Sinha Director (Planning & Business Development) 30+ Year Experience	 Drove the branding of forefront of the chan retailing business Mechanical engineer Engineering, and ha Management Program
PK Goyal Director (Finance) 30+ Year Experience	 Was at the forefront operations to raise full Chartered Accountal
Rajkumar Ghosh <i>Director (Refineries)</i> 30+ Year Experience	 Distinction of being a Naptha Cracker & Pr refinery, as its Exect Chemical engineer f

Makrand Nene Director (HR) 33+ Year Experience

VS Okhde Director (Pipelines) 30+ Year Experience

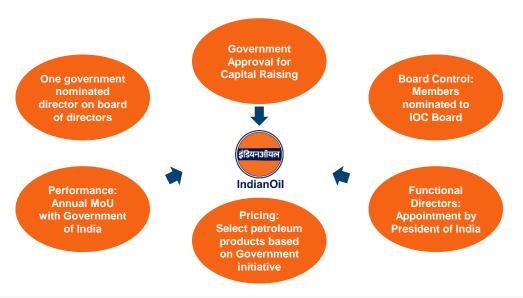
Previously the Managing Director of OVL, responsible for building a formidable E&P portfolio in over 15 countries)
MBA from FMD, Delhi and a Certified Associate o the Indian Institute of Bankers (CAIIB)	f
Regarded as a national expert on in fuel quality	

- Shal expert on in ruel quality es
- er from IIT BHU and a Ph.D. om IIT Delhi
- activities in the HR function
- rom Delhi University with LLB Masters in Social Work
- efforts of IOC and was at the nging face of the petroleum
- er from Bihar College of as attended the Advance amme of MDI, Gurgaon
- of sophisticated treasury funds for IOC
- ant (CA) by profession
- associated with IOC's first Polymer Units at Panipat utive Director
- from IIT Kharagpur
- Piloted the introduction of Euro-III and Euro-IV green fuels through IOC's countrywide marketing network, and executed ahead of schedule
- Mechanical engineer by qualification Has held various important portfolios like
- Pipelines, Corporate Planning, E&P division and has worked in various disciplines like operations, maintenance, engineering services, projects, etc.
- Mechanical engineer from REC, Bhopal and Executive MBA from MDI, Gurgaon



Contribution to Exchequer (in US\$ billions)

Strong Support From the Government of India



Exchange Rate used: 1 US\$ = 54.29.

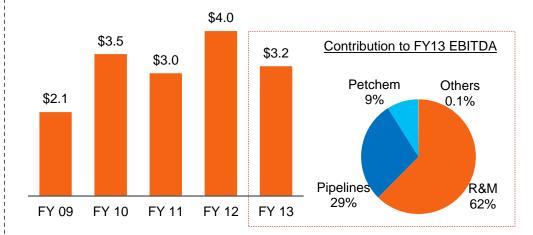
Note: In accordance with the provisions of our Articles of Association, the President of India, acting through the Ministry of Petroleum and Natural Gas, is in the process of selecting Independent Directors on our board of directors. Depending on the timing of such appointments, it is possible that we may not be compliant with the requirements of Clause 49 of the Listing Agreement until such appointments are complete.

Our Differentiators: Strong Financials

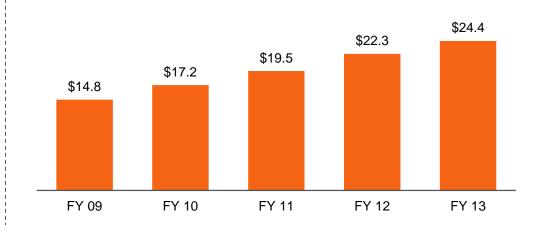




EBITDA (in US\$ billions)



Asset Base⁽¹⁾ (in US\$ billions)



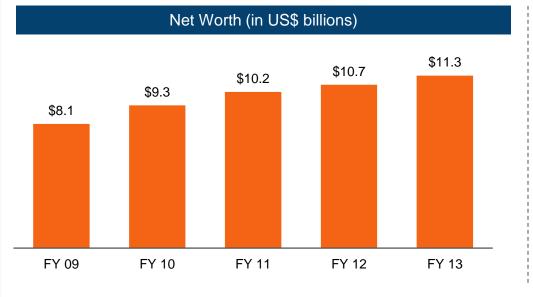
Net Profit (in US\$ billions)

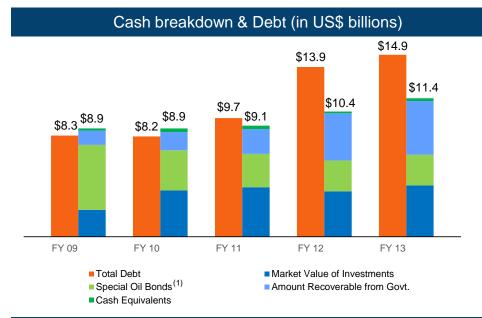


(1) Comprises of Gross Fixed Assets and Capital WIP. Note: Fx of 1 US=54.29 INR

Our Differentiators: Strong Financials

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Core Debt / Equity⁽²⁾



Debt / Equity



FX: 1 US\$=54.29 INR

(1) Received from Government of India in lieu of compensation till the year FY 2009.

(2) Core Debt = Debt less cash receivable from Government

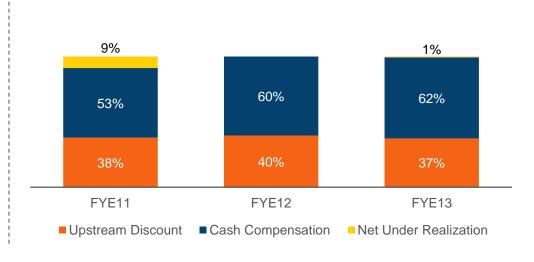
Under Realization & Compensation



Finalization of Under Recovery Sharing on Annual Basis

- R&M Sector deregulated since 2002
- India is largely a dieselized economy
 - HSD to account for around 42.5%⁽¹⁾ of Petroleum products consumption
 - LPG (domestic) used for cooking
 - SKO (PDS) Used by poor population
- Under Realization: Difference between Desired Price (Cost + Margin) and Controlled Price.
 - Shared by Government, national Oil Producing Companies and R&M companies
- Share of R&M companies finalized by Government
 - Annual finalization of under recovery sharing leads to Quarterly Losses by R&M Companies

Finalization of Under Recovery Sharing on Annual Basis				
(in US\$ billions)				
	FY 11	FY 12	FY 13	
Gross Under – realization	7.9	13.9	15.8	
Upstream Discount	3.0	5.5	5.9	
Cash Compensation	4.2	8.4	9.8	
Net Under - realization	0.7	0.0	0.1	



Burden of Under – Recovery Sharing

Note: 1. Petroleum Planning and Analysis Cell. Website viewed on November 5, 2013. US\$-INR: 54.29 (as on March 31, 2013). HSD : High Speed Diesel ; LPG: Liquefied Petroleum Gas.



Finalization of Under Recovery Sharing on Annual Basis (HSD)

• HSD:

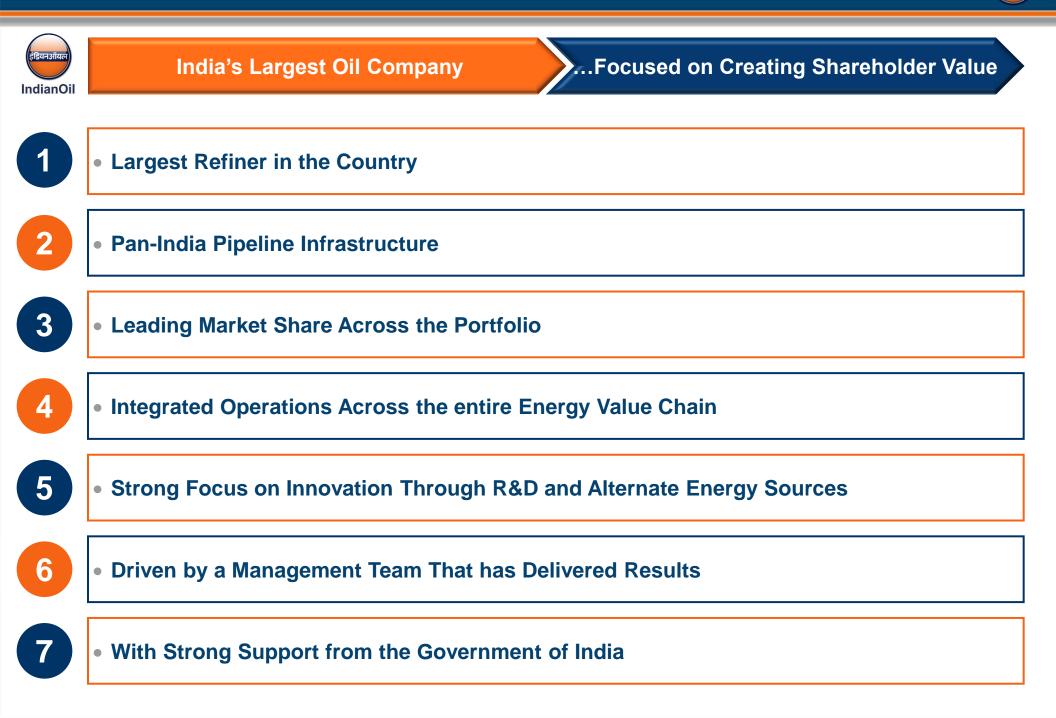
- Steps taken on 18th Jan 2013: Dual pricing introduced
 - Market Determined Prices for Bulk Customers (e.g. Railway, Defense, State Transport etc.)
 - Subsidized Prices for Retail Consumers (vehicle owners)
 - o OMCs authorized to increase the retail price by about 40-50 paisa per liter per month
- Outcomes:
 - Retail prices increased by 5.25 per liter since 18th Jan 2013 to 1st Nov 2013
 - Diversion of bulk customers to retail: share of bulk sales reduced from around 25% to 16% from Jan 2013 to Oct 2013

Finalization of Under Recovery Sharing on Annual Basis

- LPG (Domestic)
 - Step taken on 18th Jan 2013: Cap of 9 cylinders in a financial year on supply of subsidized LPG cylinders for domestic use to each house hold / consumer
 - Step taken on 1st June 2013: Direct Benefit Transfer for LPG (DBTL) in 20 districts to curb illicit diversion, currently in 97 districts



Conclusion



Key Risk Factors

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• Fluctuations in commodity prices (eg. crude oil)

Fluctuation in exchange rates (INR – US\$)

• Fluctuation in global petroleum product prices

• Change in operating & distillate yields and impact on gross refining margins

Impact of Government subsidy and other policies

 Risk associated with expansion and diversification of business including joint ventures and new ventures e.g. Bio fuels / Nuclear / Solar

• Compliance with the listing agreement in respect of requisite number of Independent Directors