RICE GLOBAL E&C FORUM

A HISTORIC SHIFT TO GOOD TIMES?

Oil Pricing Outlook

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Houston, October 11, 2005



Summary

- Key factors in oil price dynamics
- Supply
- Refining
- Demand
- Financial markets
- Price outlook



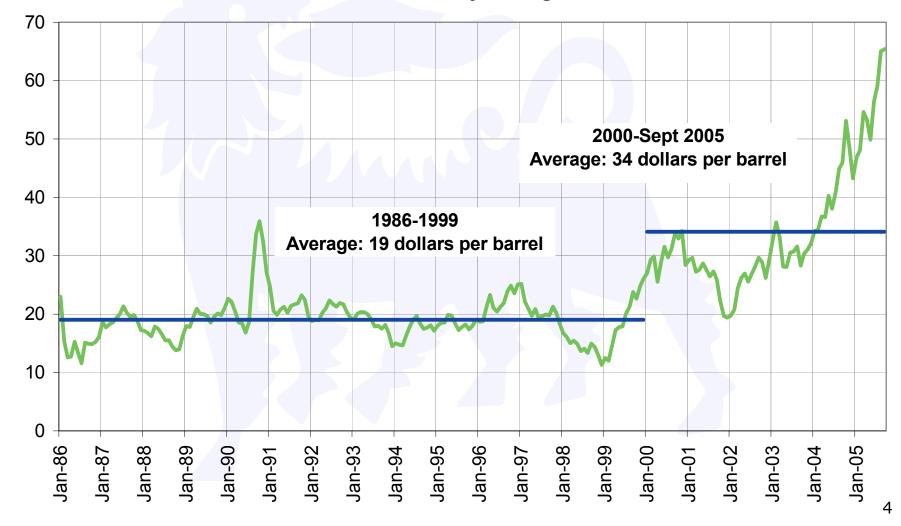
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Free climbing

NYMEX WTI 1986-2005 1st month - monthly average





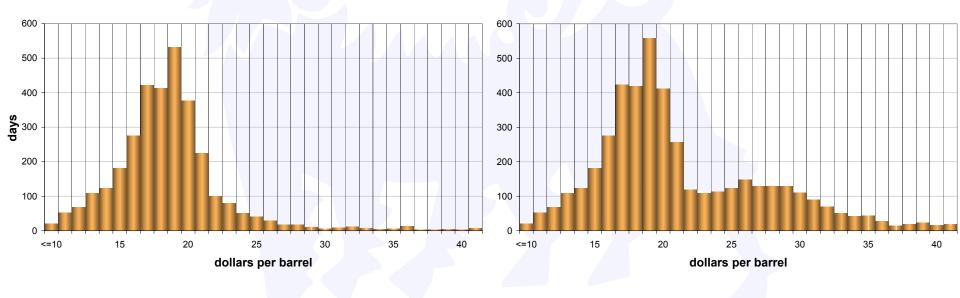
\$/barrel

Brent dated

(Frequency Distribution, Daily Observations)

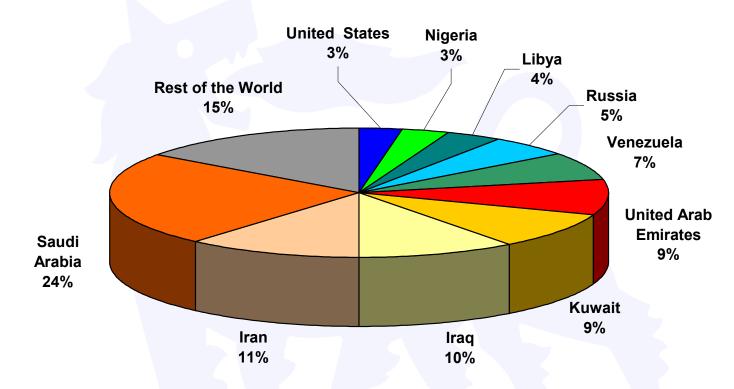
Jul 1987- Dec 1999

Jul 1987- Sept 2005





World Oil Reserves 01/01/2005 (1,111 billion barrels)



OPEC*: 885 billion barrels (80%)

IOC** (International Oil Companies): 52 billion barrels (5%)

* OPEC countries: Algeria, Libya, Kuwait, Indonesia, Iran, Iraq, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, Venezuela.



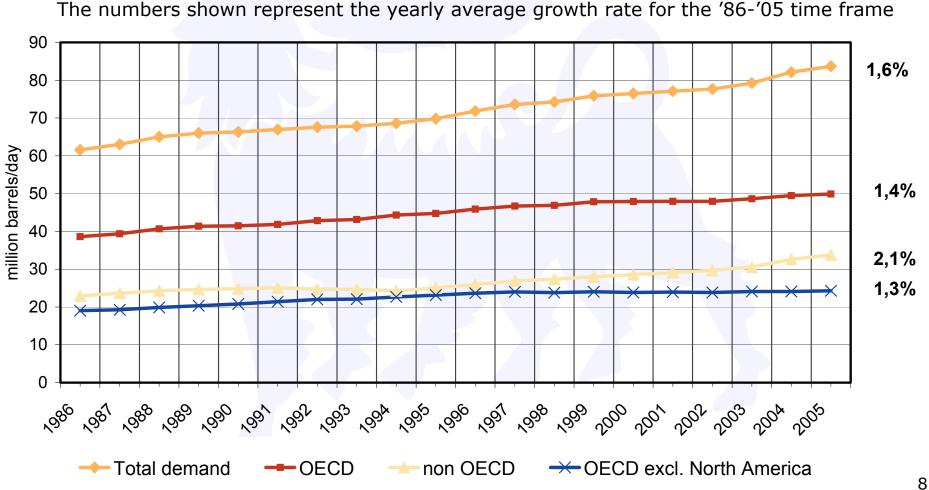
Key Factors

- Oil prices are by far higher than historical trend: short term or structural change?
- Oil prices are affected by a complex system of factors:
 - fundamentals (supply, demand, stocks)
 - political events
 - financial market expectations
 - environmental regulation
 - weather
 - climate change

- ...



World Oil Demand 1986-2005



Source: International Energy Agency; Eni Forecast.



Oil Pricing: the Time Horizon

- Short term
 - spare capacity, stocks, OPEC's meeting outcomes, refining shortages, sabotages, strikes, weather, ...
- Medium term
 - economic cycle, non OPEC supply, OPEC countries budget, investments, events in the Middle East, ...
- Long term
 - demography, oil policy of Middle East producers,
 Kyoto Protocol, technology, ...

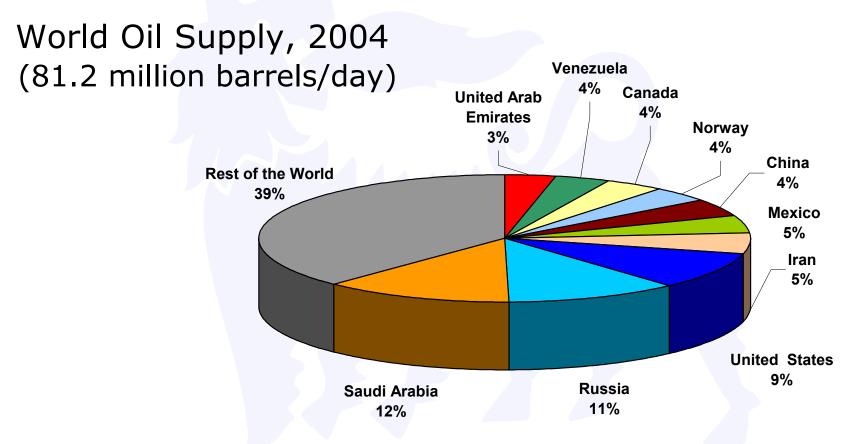


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Main Oil Producers

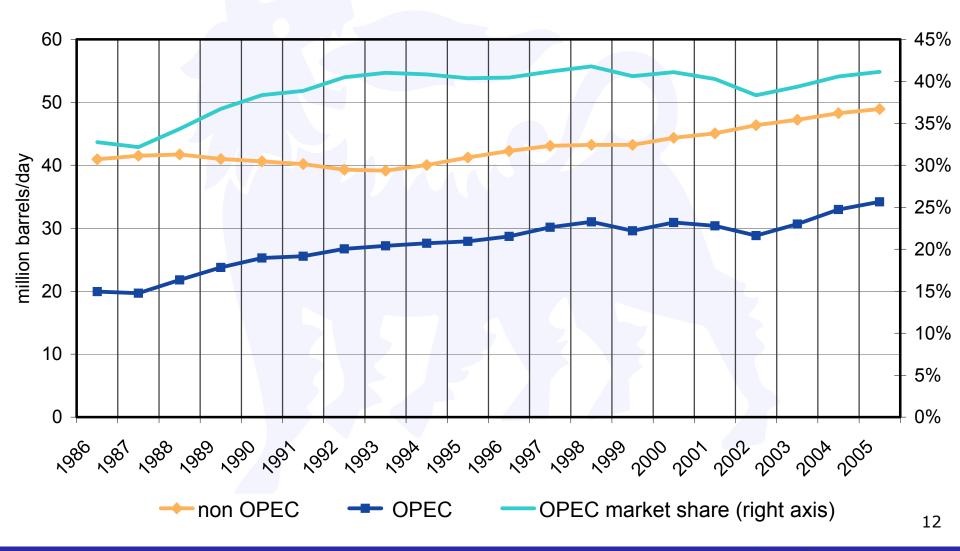


OPEC: 33 million barrels/day (41%)

- OCSE: 21 million barrels/day (26%)
- IOC: 13 million barrels/day (16%)



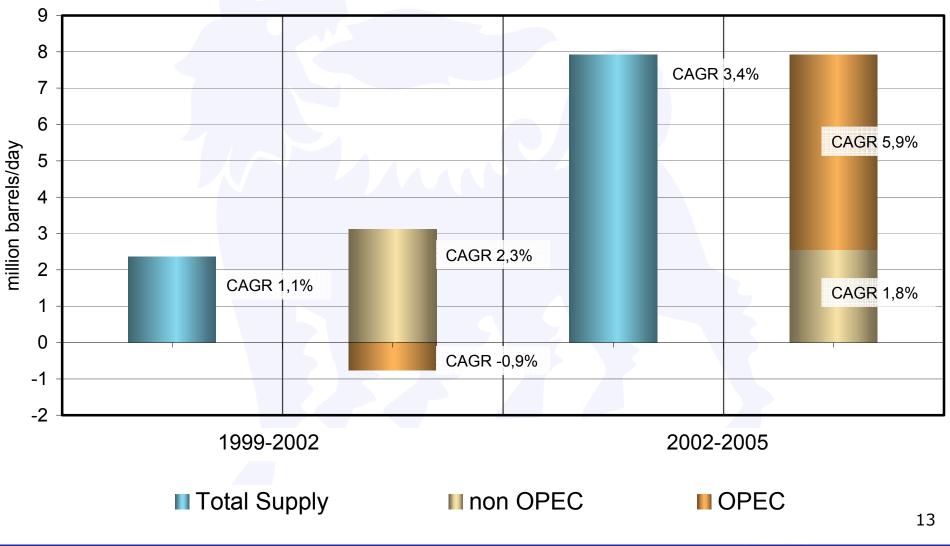
World Oil Supply: OPEC and non OPEC 1986-2005





Source: International Energy Agency, Eni Forecast.

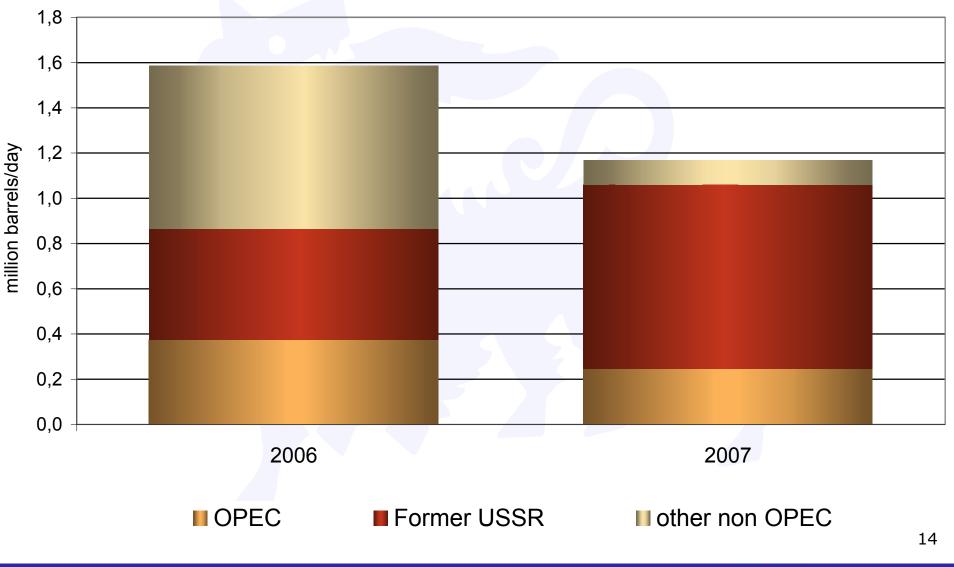
World Oil Supply change



Source: International Energy Agency; Eni Forecast.



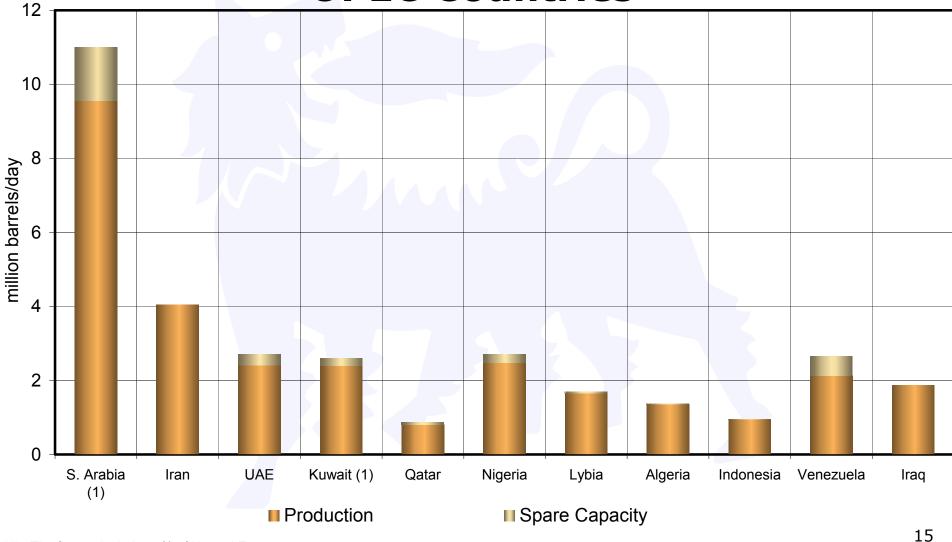
World Oil Supply (year on year change)



Source: Eni Forecast.



Production and Spare Capacity in OPEC Countries



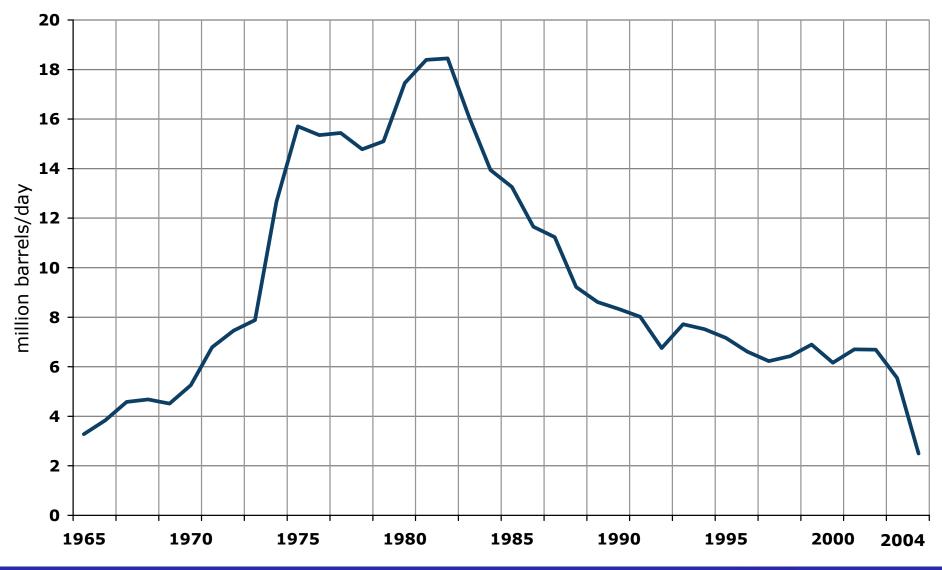


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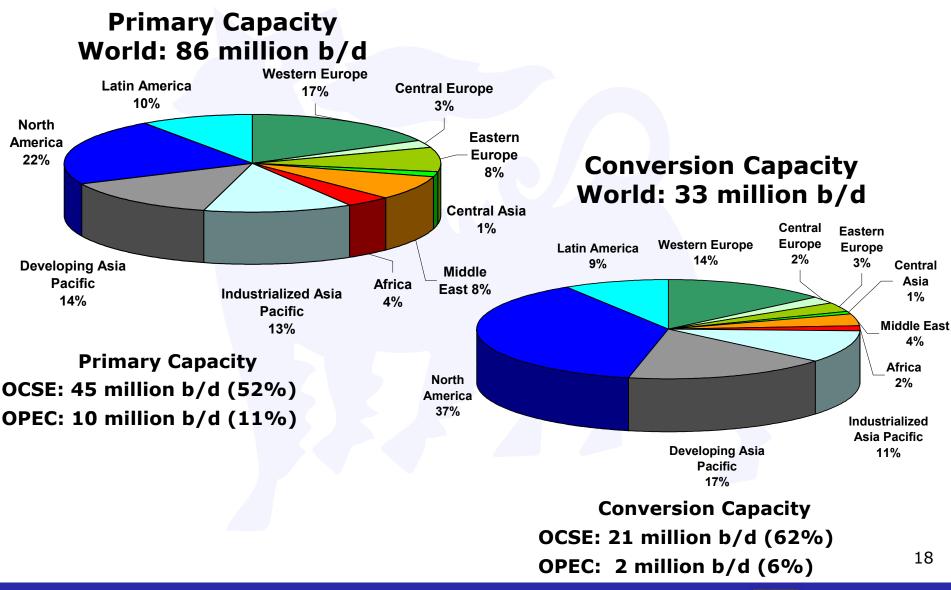


WORLD SPARE REFINING CAPACITY





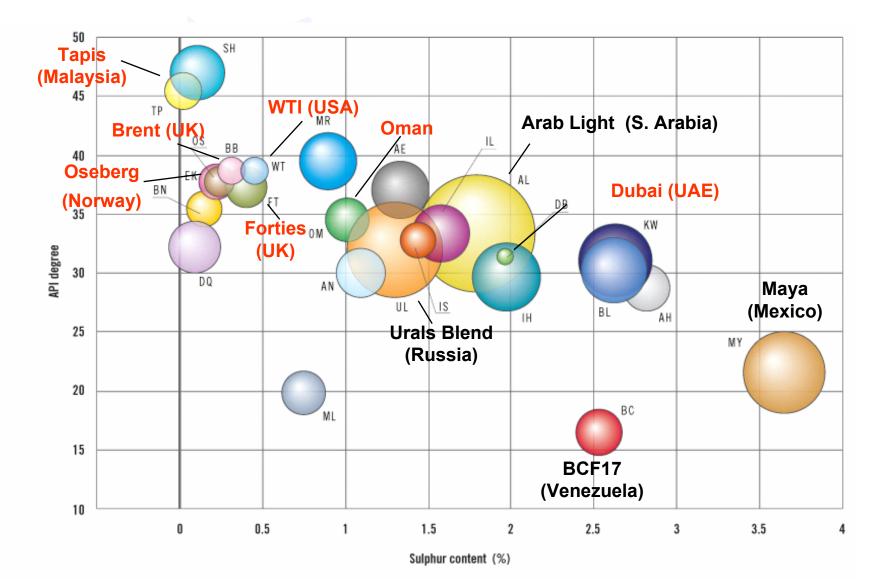
Refining Capacity (2004)





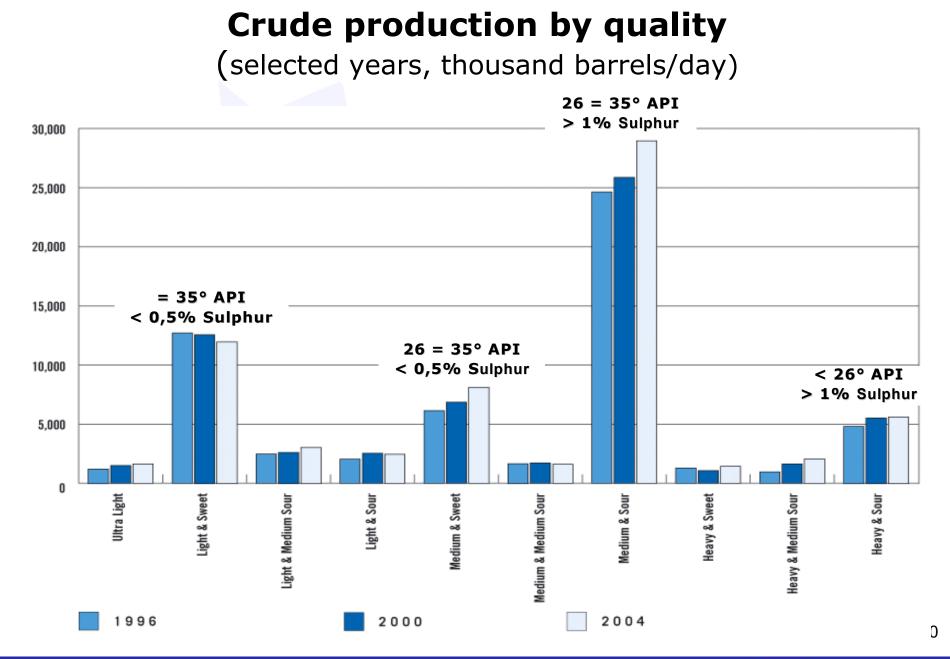


Quality and production volume of main crudes



Source: Eni World Oil and Gas Review 2005.





Source: Eni World Oil and Gas Review 2005.

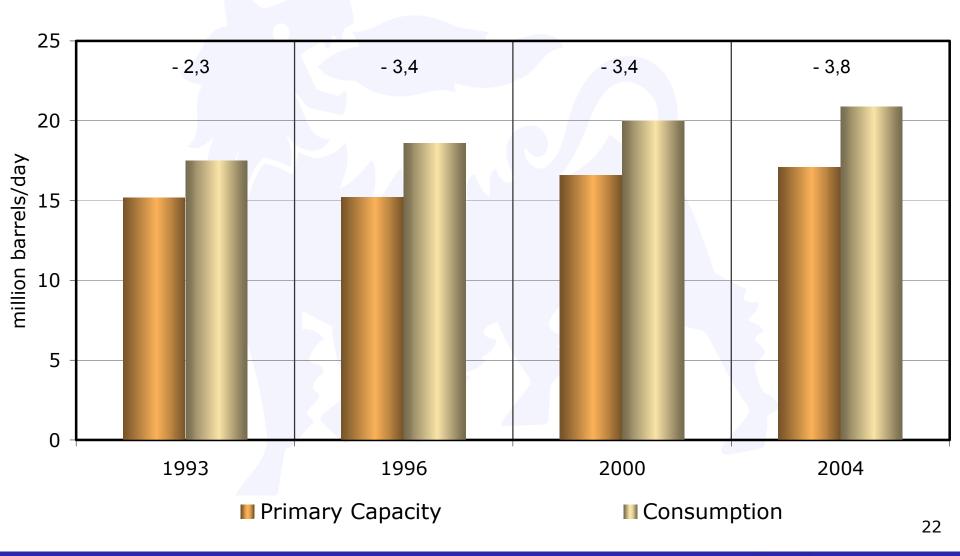


World Refining Capacity 1993-2004 percent change

	Primary Capacity	Conversion Capacity (FCC eqv.)
World	14%	44%
Developed Countries	11%	26%
Transition Economies	-16%	11%
Developing Countries	35%	115%



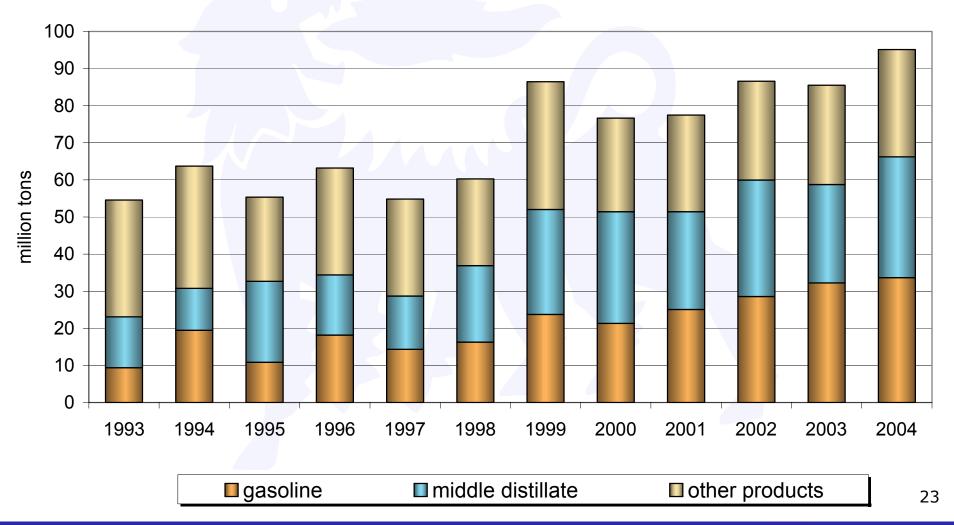
United States: the mismatch between refining capacity and oil products consumption



Source: Eni World Oil and Gas Review 2005, Parpinelli-Tecnon

Eni's Way

United States: the net oil products imports



Source: Eni World Oil and Gas Review 2005, Parpinelli-Tecnon



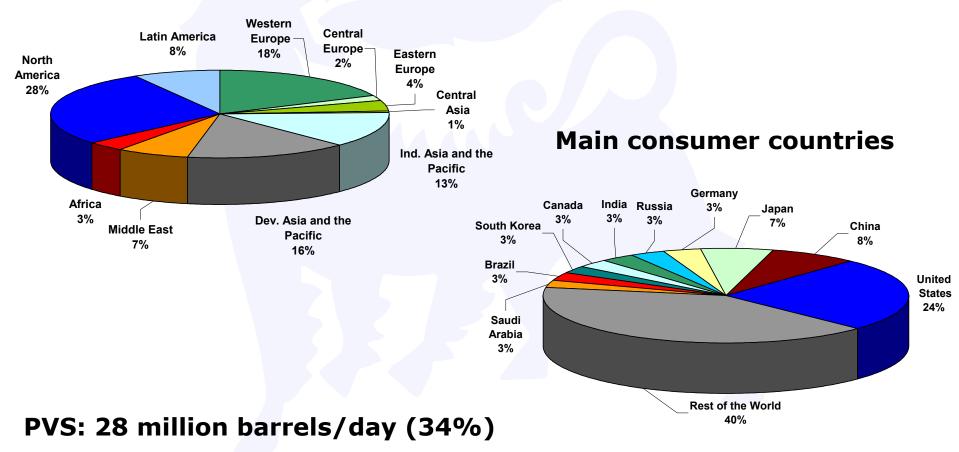
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World Oil Consumption, 2004 (82,5 million barrels/day)

Consumption by area



OCSE: 50 million barrels/day (60%)

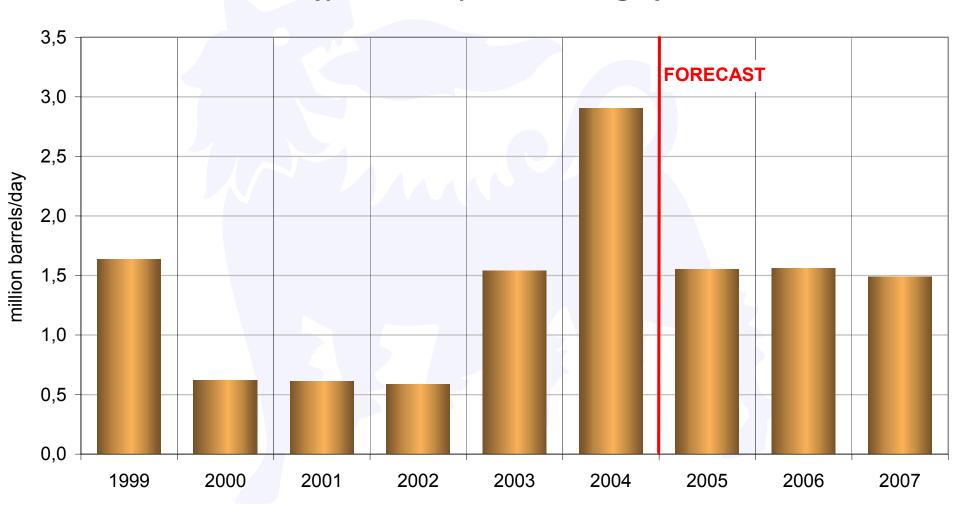
Source: Eni World Oil and Gas Review 2005.



Eni's Way

World Oil Demand

(year on year change)



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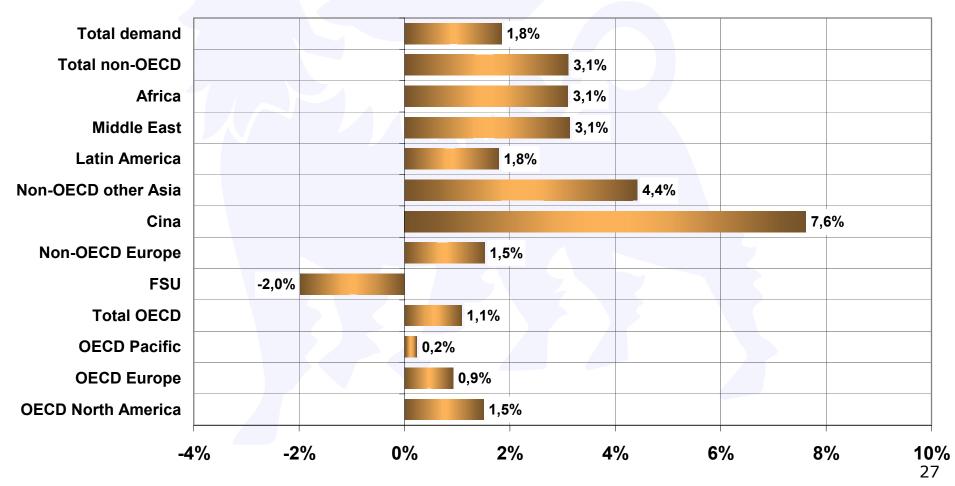
Source: International Energy Agency, Forecast Eni.



Where Oil Consumption grows

Oil Consumption 1995-2004

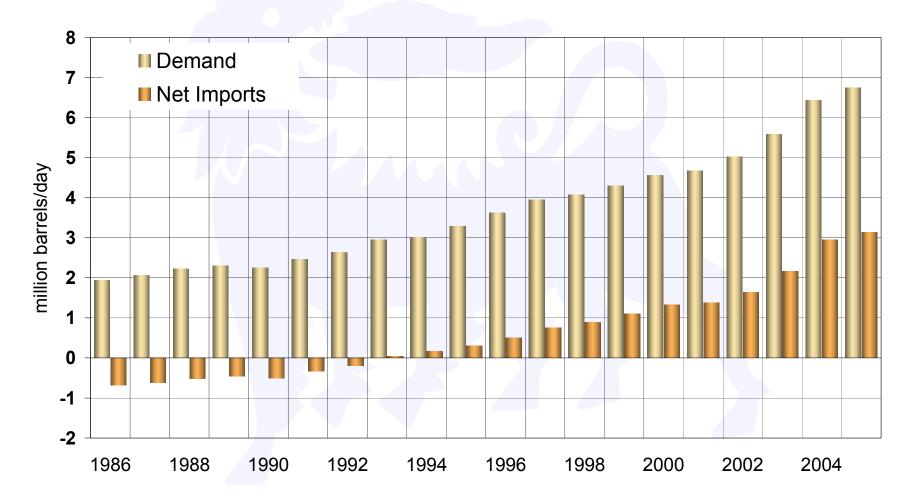
(yearly average % change)





Source: International Energy Agency.

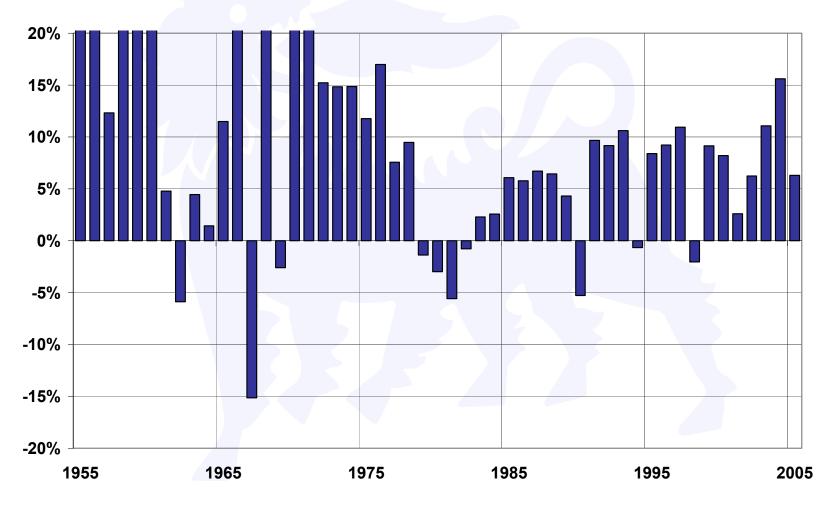
China: Oil Demand and net Imports



Source: International Energy Agency; Eni Forecast.



China Oil Consumption: 1955-2005 (yearly percent change)

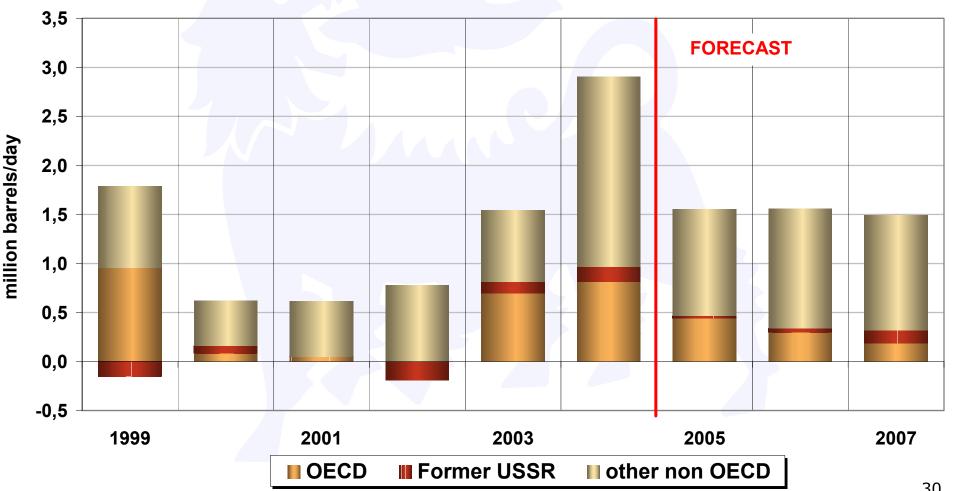


The graph only considers a +/-20% change in oil consumption to better appreciate the trend during recent years²⁹

Source: International Energy Agency; Eni Forecast.



World Oil Demand: OECD and non OECD (year on year change)



Source: International Energy Agency; Eni Forecast.

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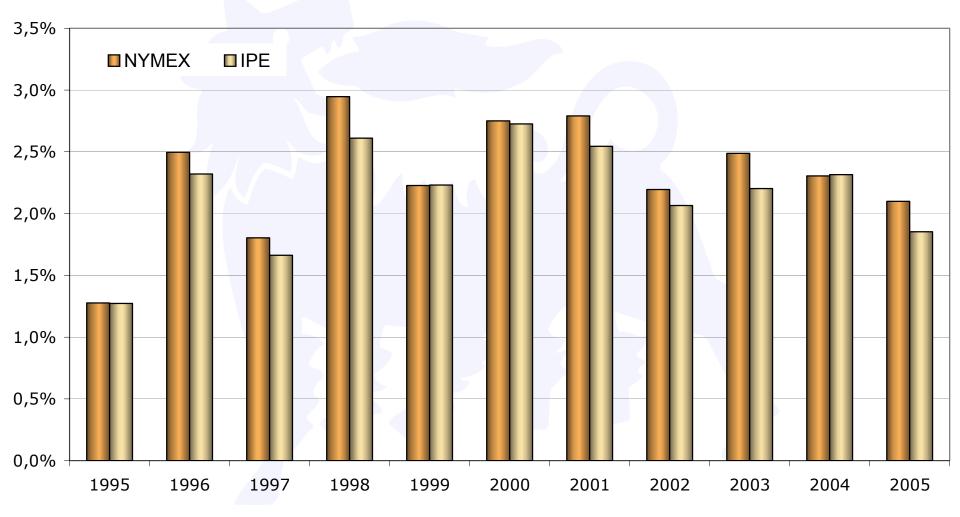
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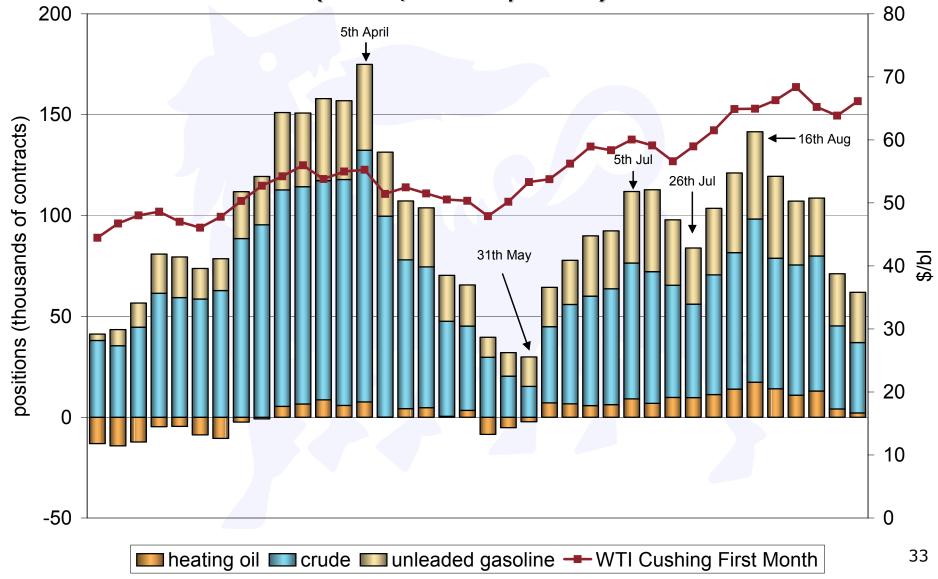


Crude oil price daily volatility Futures 1 month NYMEX vs IPE





Non Commercial Net Long Positions and Crude Oil Price (2005, weekly data)



Source: Commodity Futures Trading Commission-Nymex, Platts.

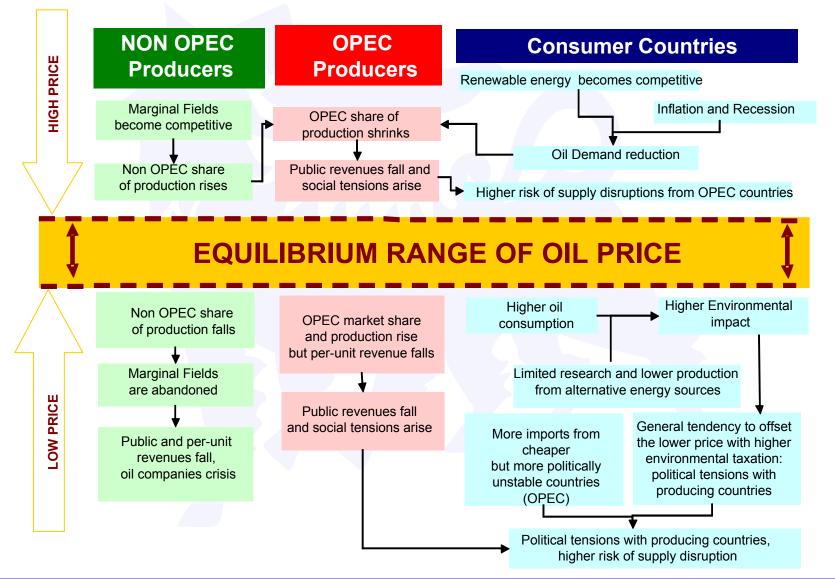


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The price of crude oil: aiming at a long run equilibrium



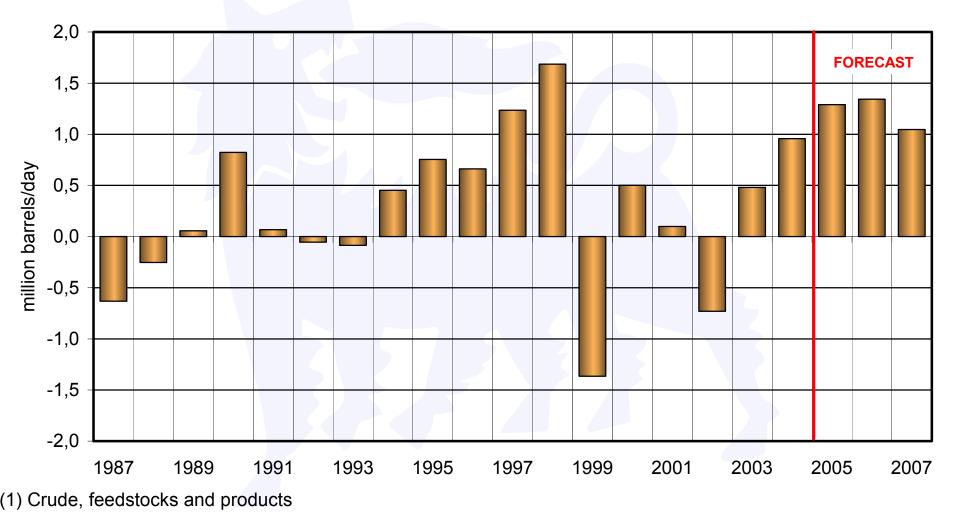


Medium Term Oil Price Outlook

- In 2006 there are factors that could bring some downward pressure on oil prices:
 - Opec capacity should increase more than production;
 - Supply and Demand dynamics should significantly increase stocks for the fourth consecutive year.
- In the medium term, the recent high level of oil prices is expected to give new impulse to non OPEC supply and non conventional oil.
- On the demand side, the expected delayed reaction to high oil prices, will contribute to curb the oil price profile.



World Oil Stock change (Supply-Demand)¹



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Eni's Way

10mm

Eni

Source: International Energy Agency, Forecast Eni.

Crude Oil Price, Brent dated

