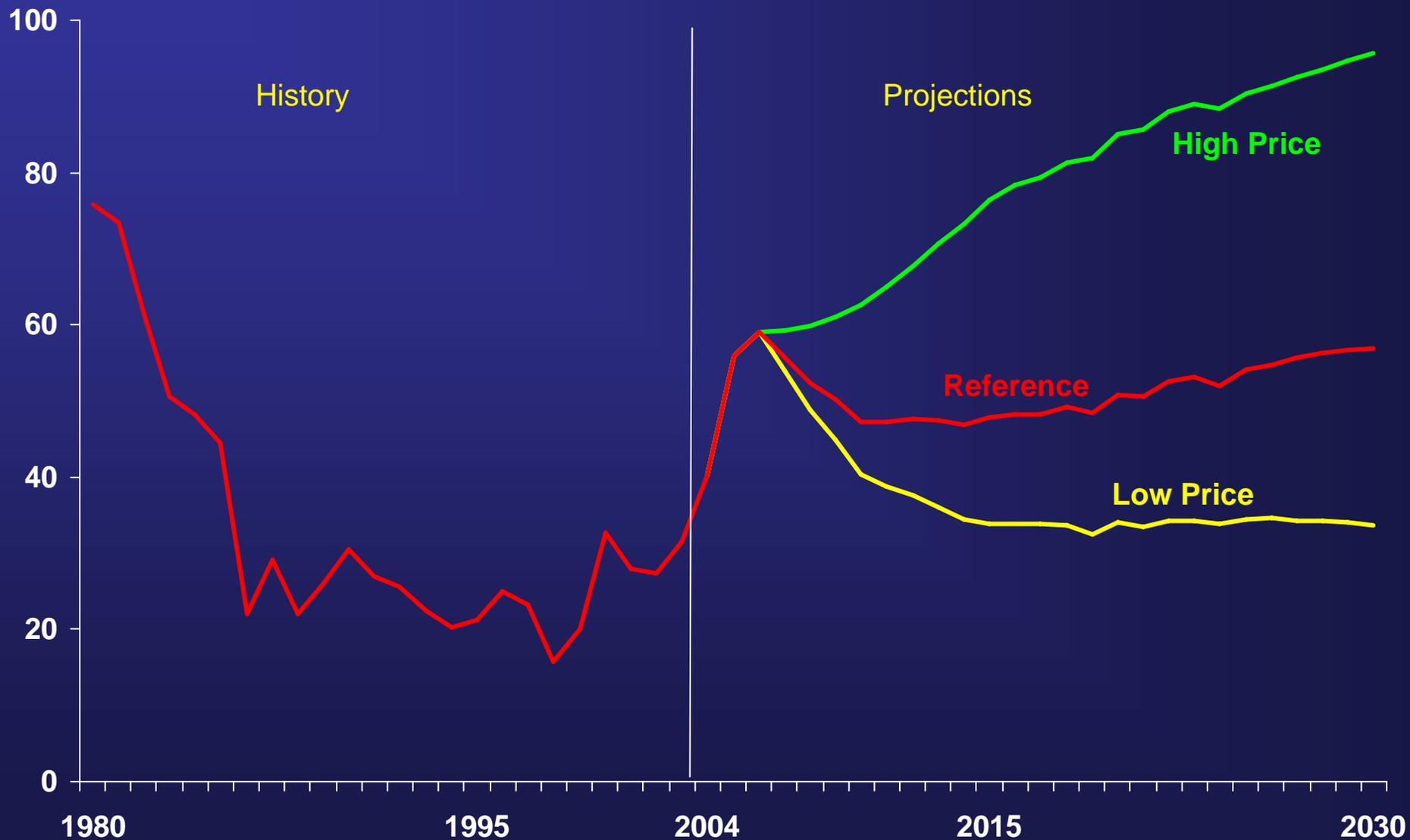


Middle East Energy in the World Context

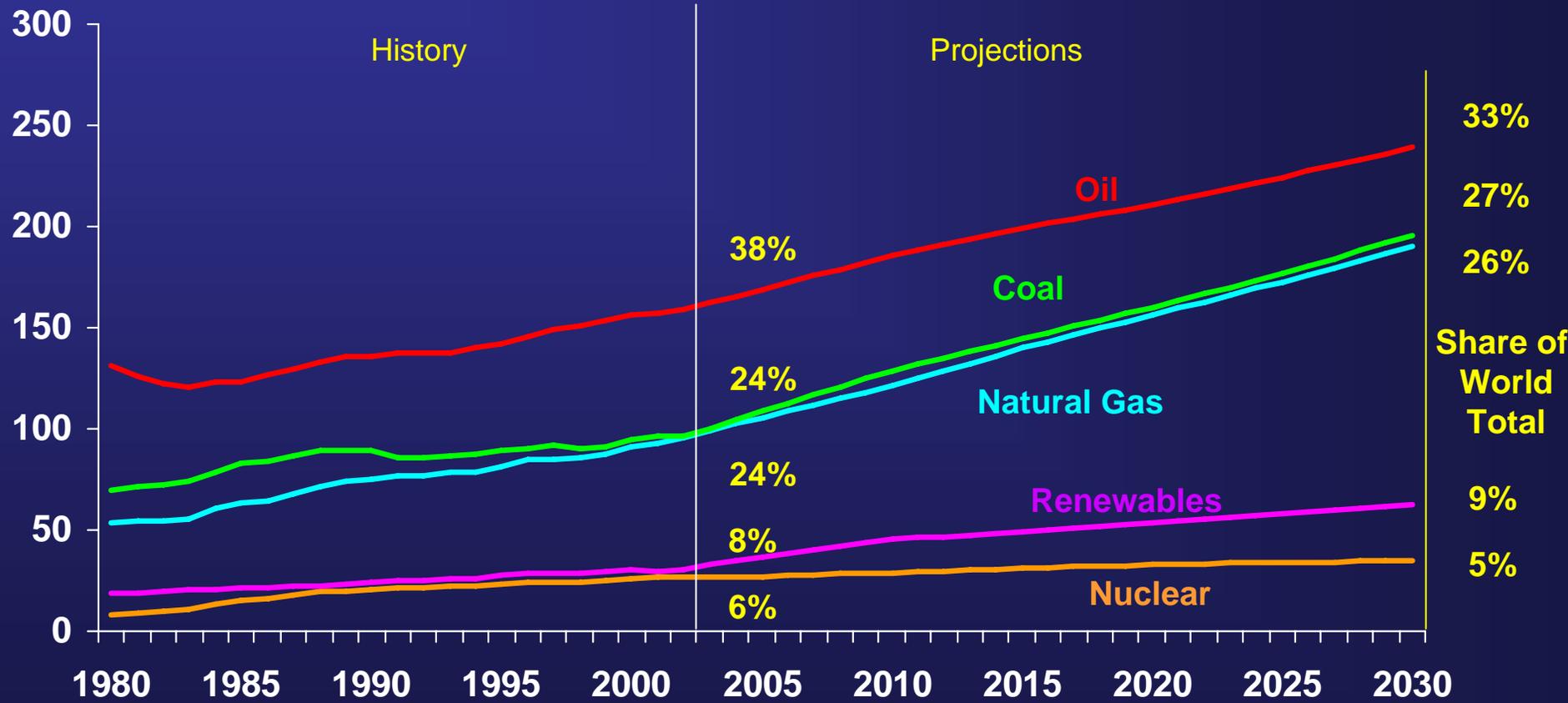
**Guy Caruso, Administrator
Energy Information Administration**

**Cornell University Energy Security Conference
November 10, 2006
Ithaca, NY**

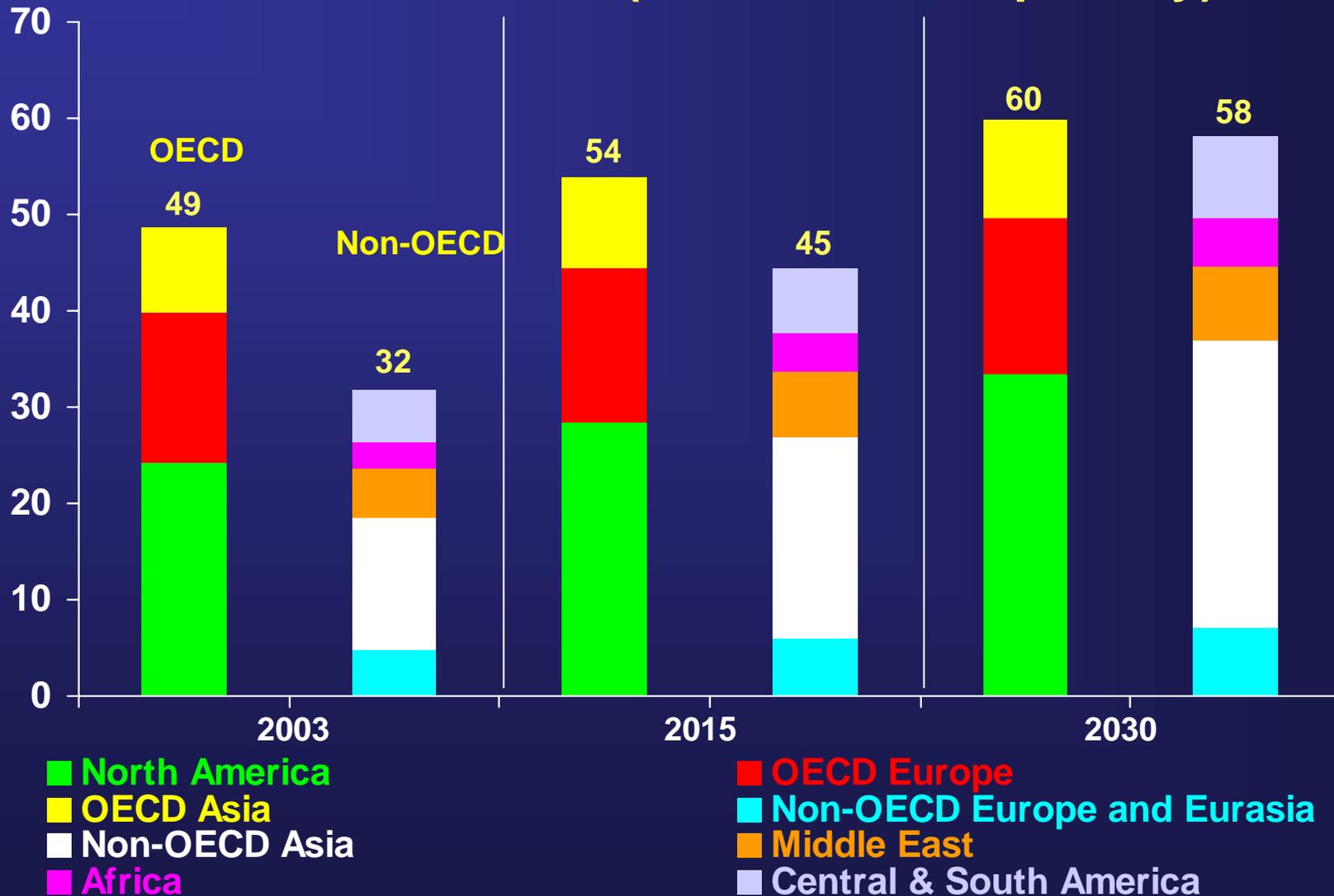
World Oil Prices in Three Cases, 1980-2030 (2004 dollars per barrel)



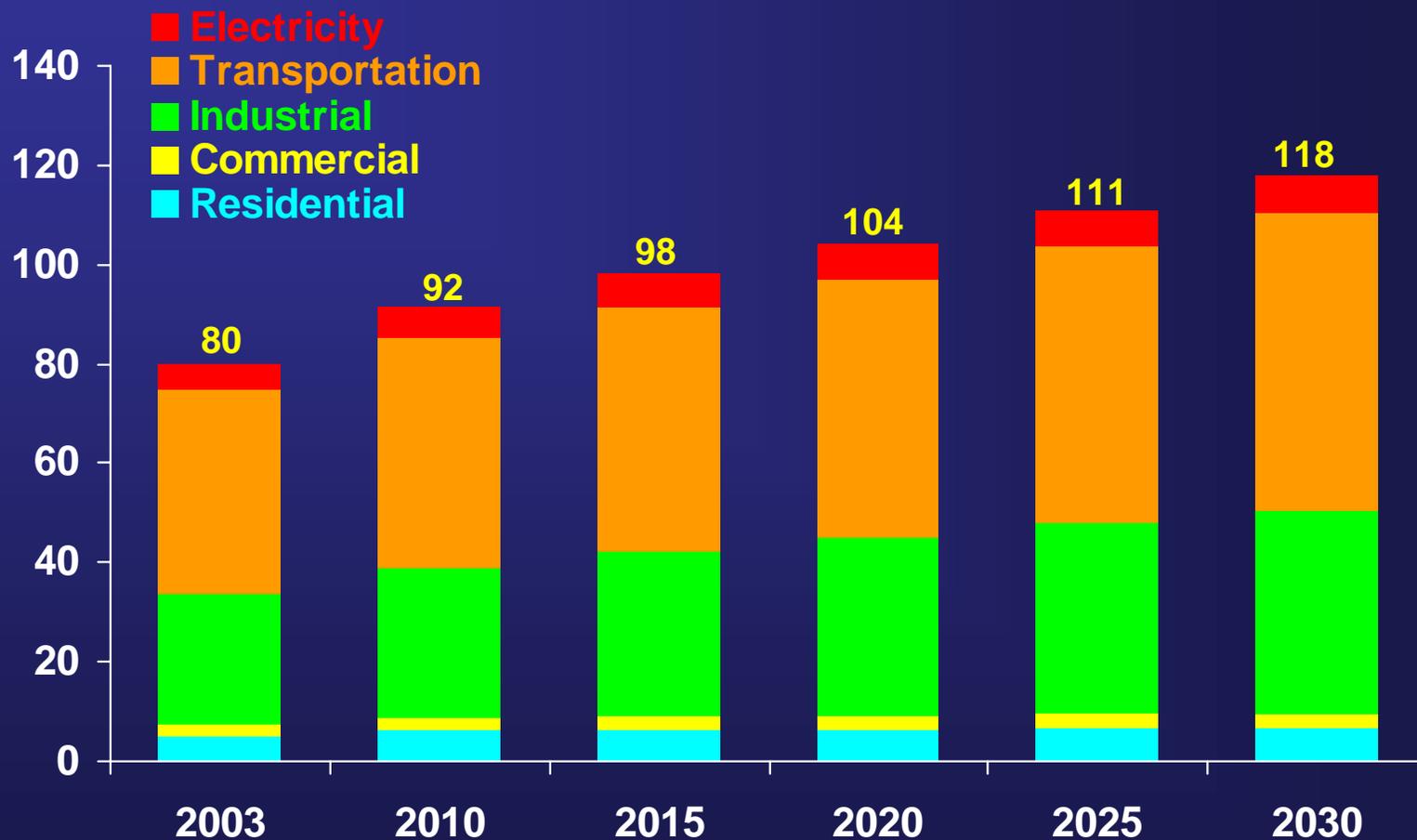
World Marketed Energy Use by Fuel, 1980-2030 (quadrillion Btu)



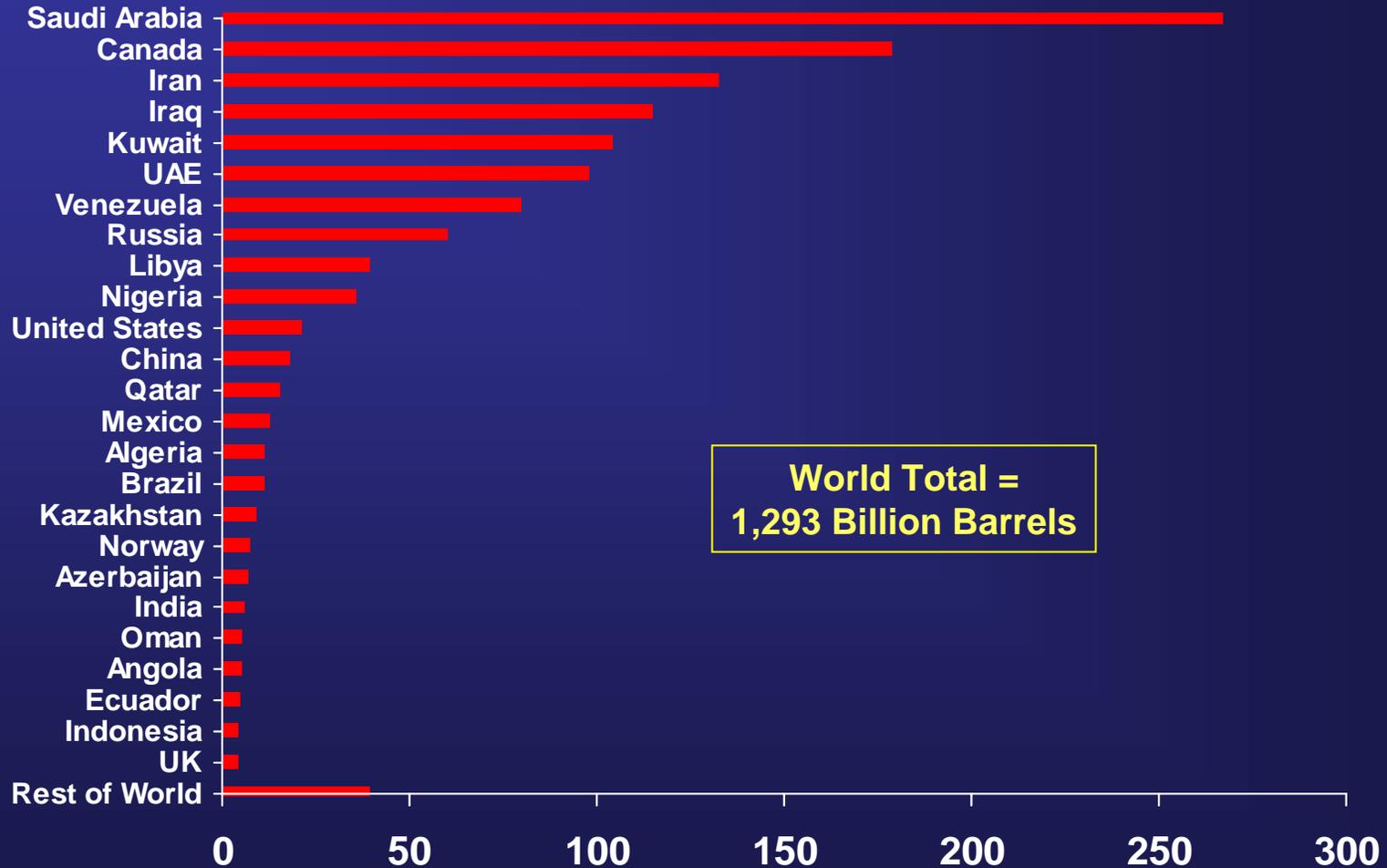
World Oil Consumption, 2003, 2015, and 2030 (million barrels per day)



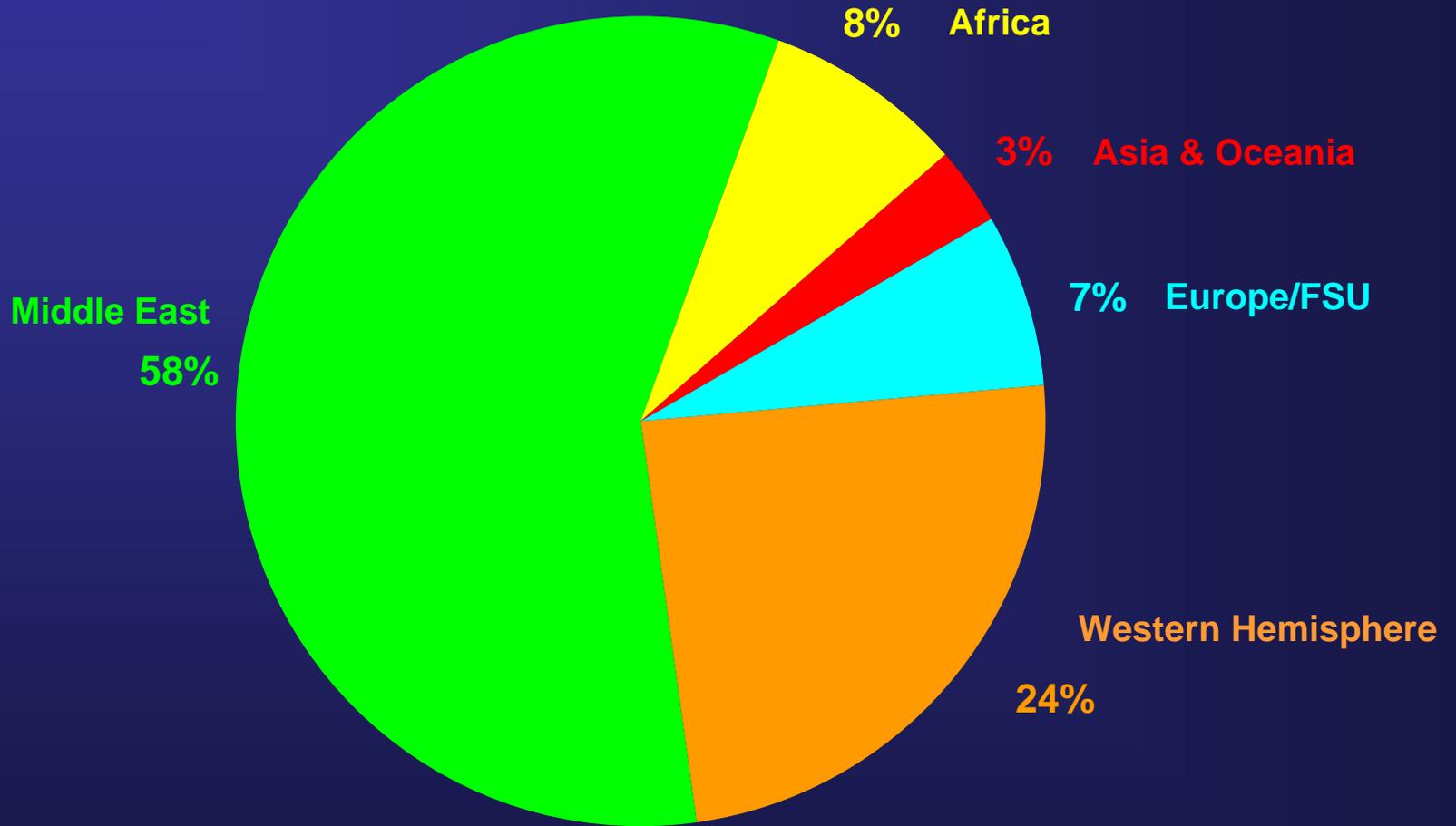
World Oil Consumption, 2003-2030 (million barrels per day)



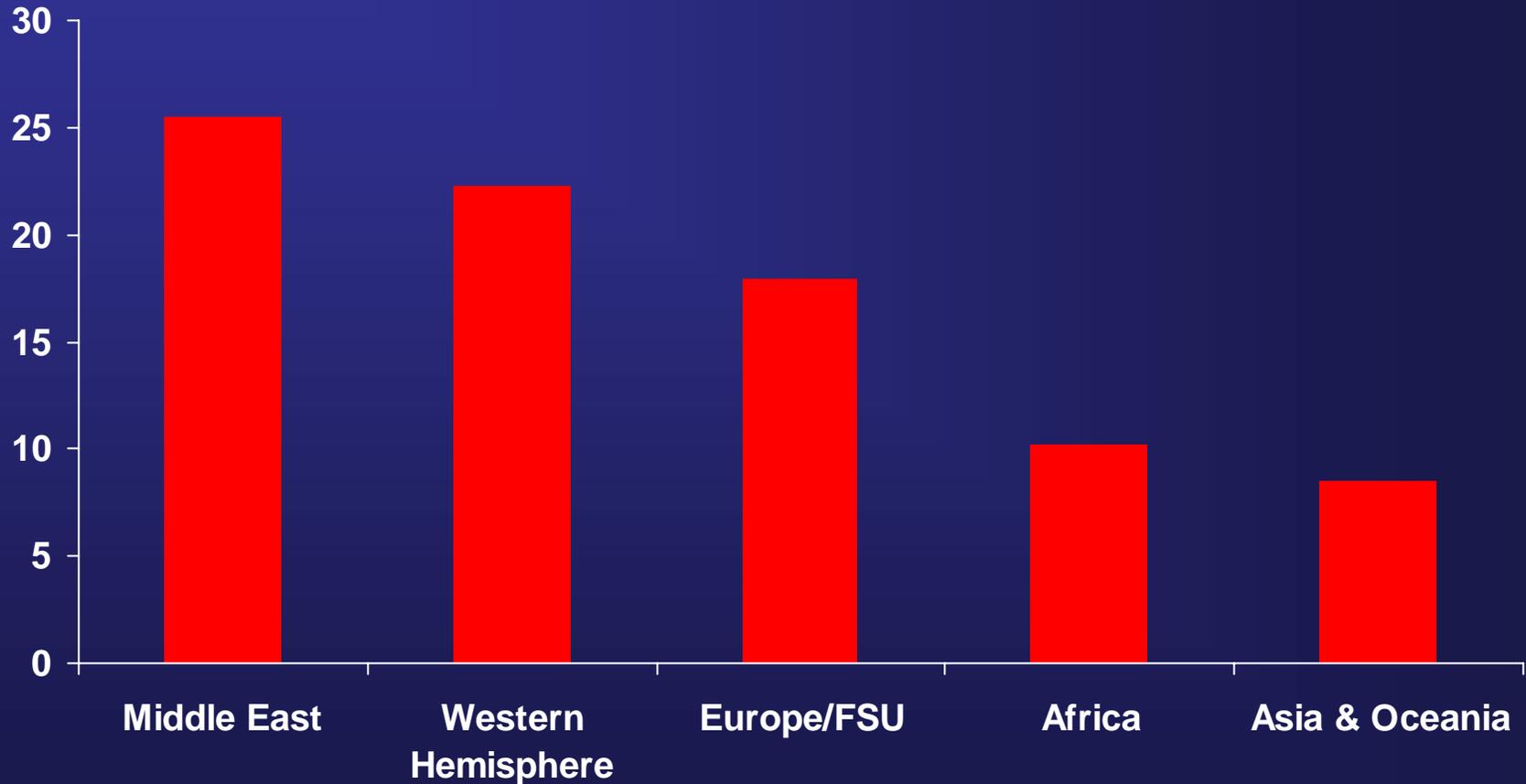
World Oil Reserves by Country, as of January 1, 2006 (billion barrels)



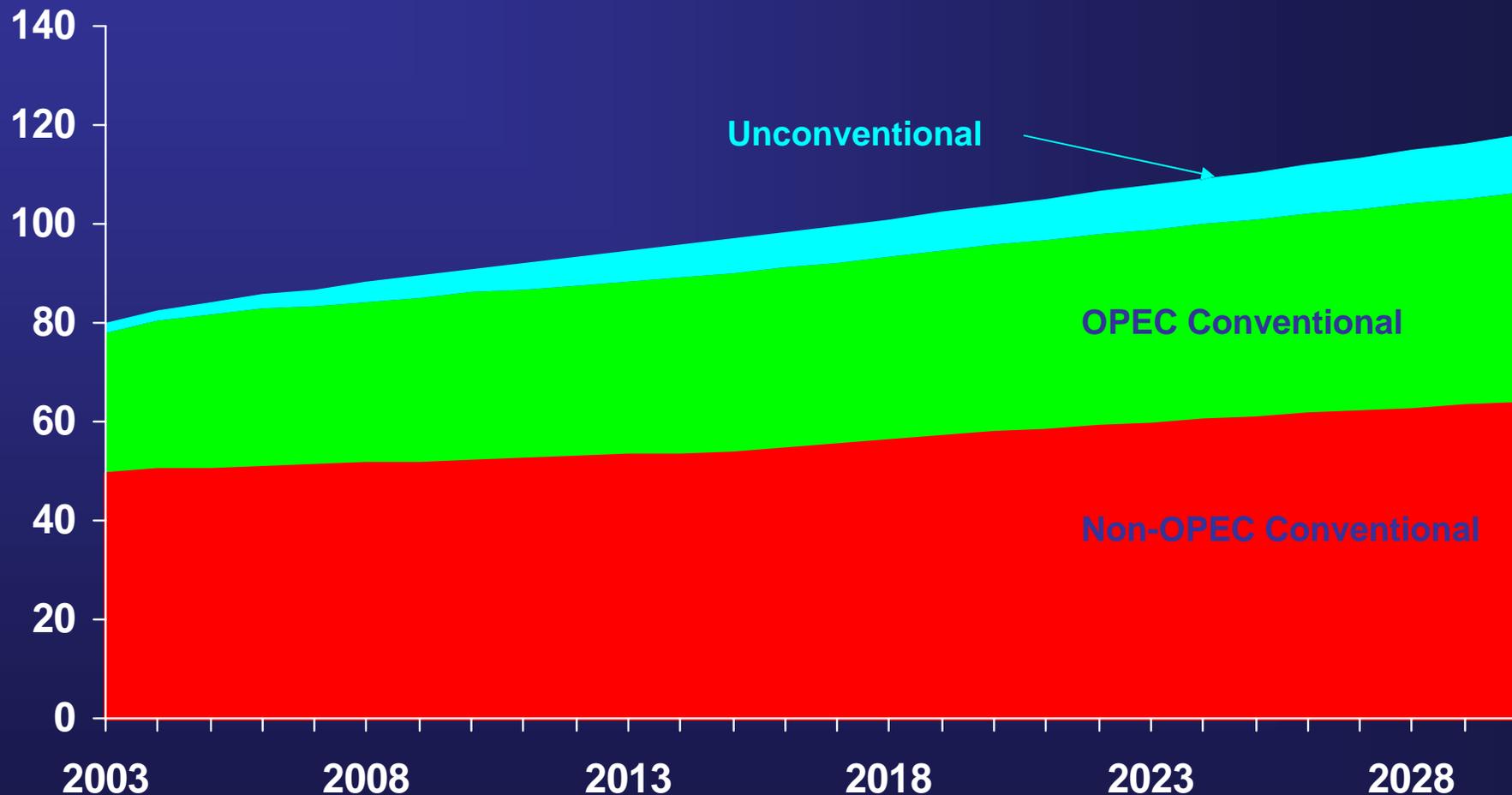
Share of World Oil Reserves, 2005



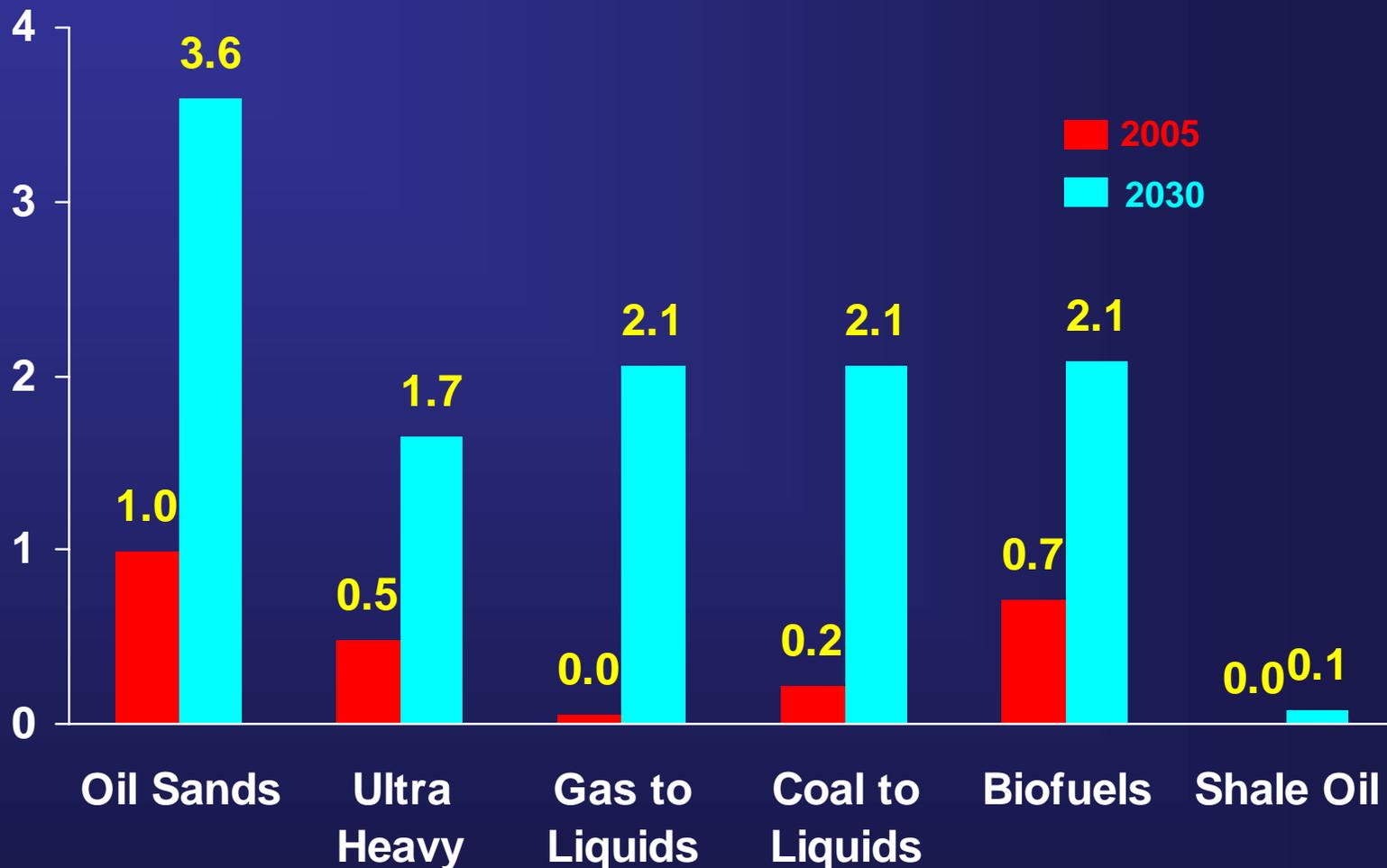
Top World Oil-Producing Regions, 2005 (million barrels per day)



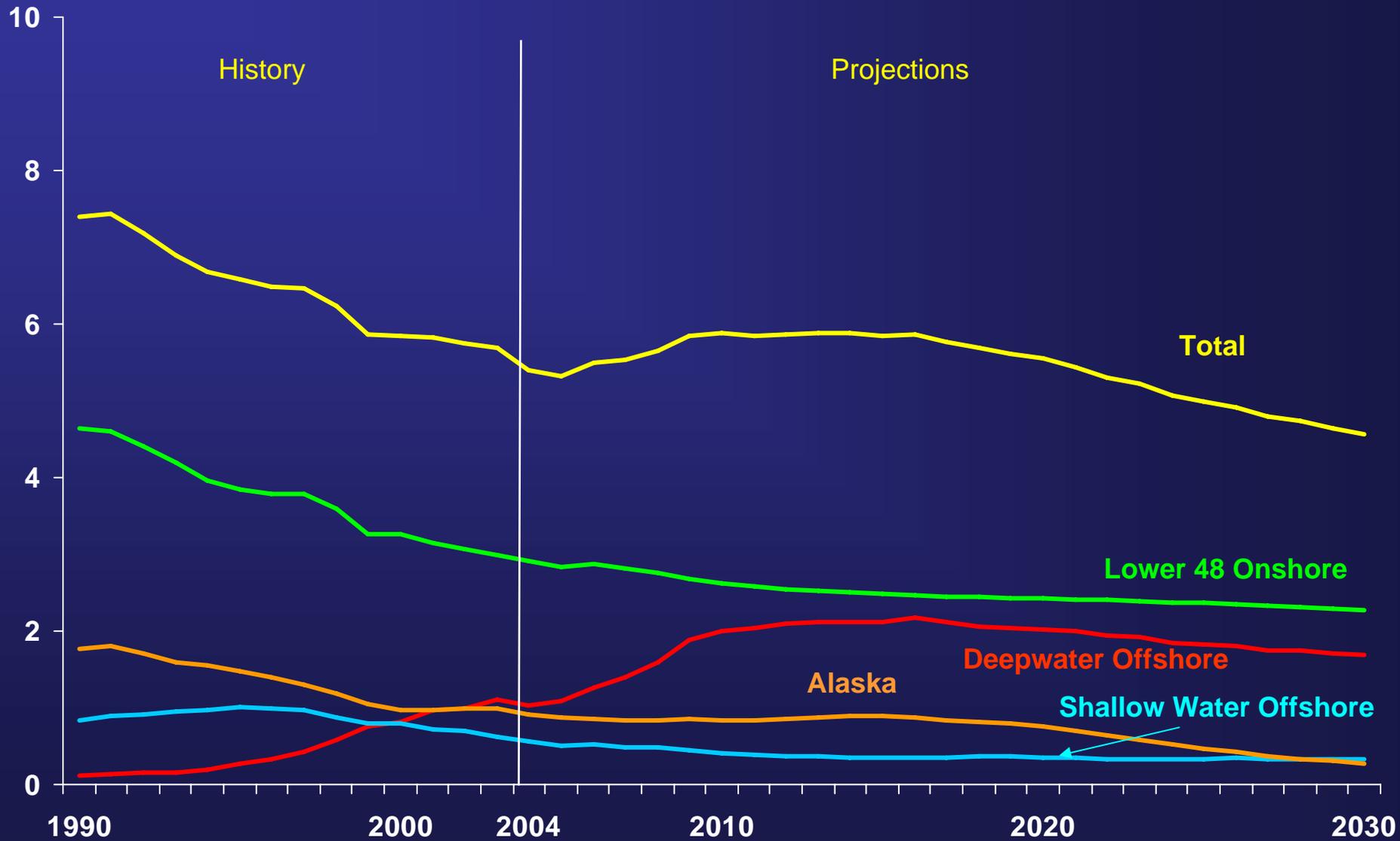
World Liquids Production (million barrels per day)



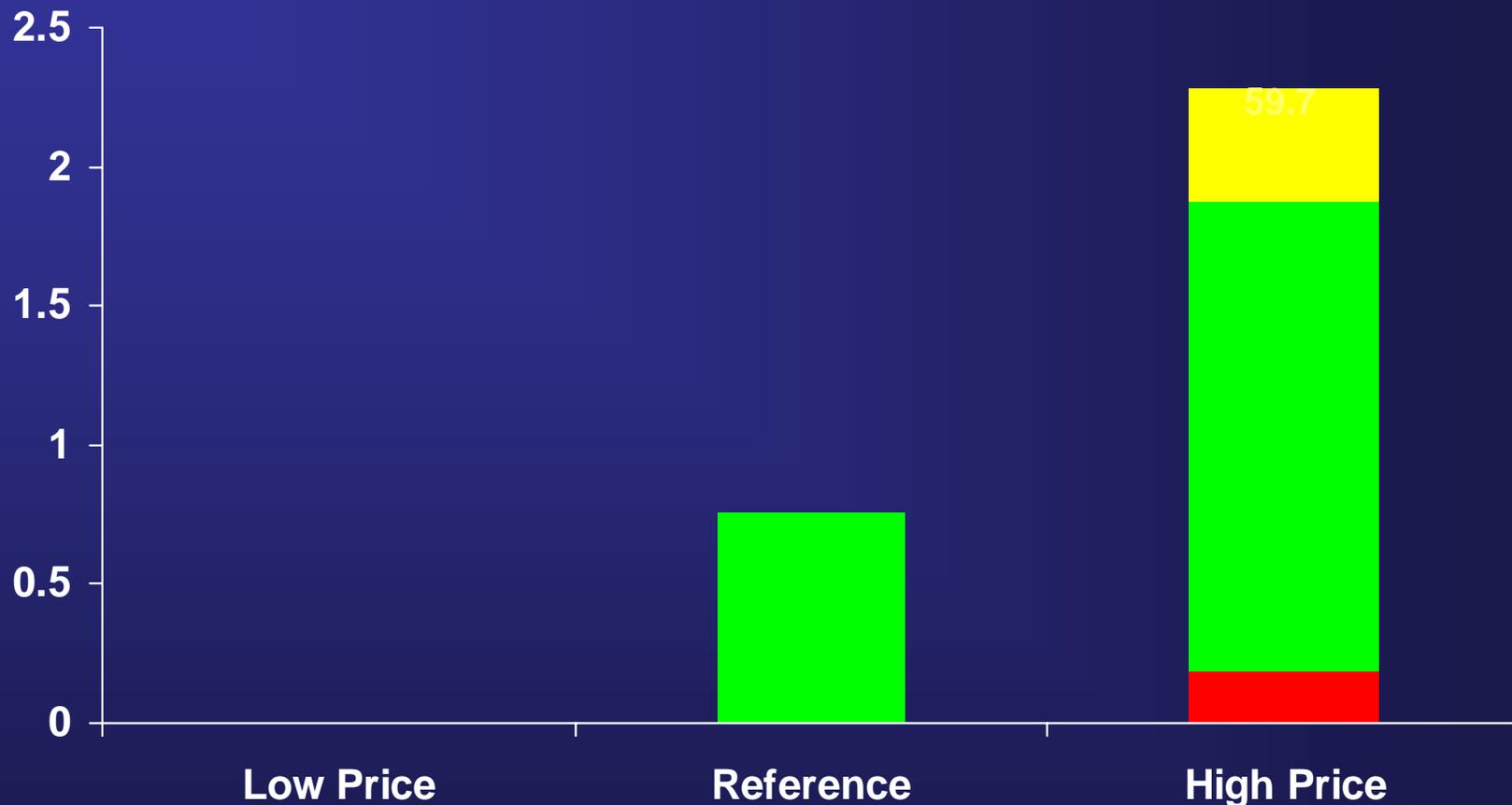
World Unconventional Liquids Production, 2005 and 2030 (million barrels per day)



U.S. Crude Oil Production by Source, 1990-2030 (million barrels per day)

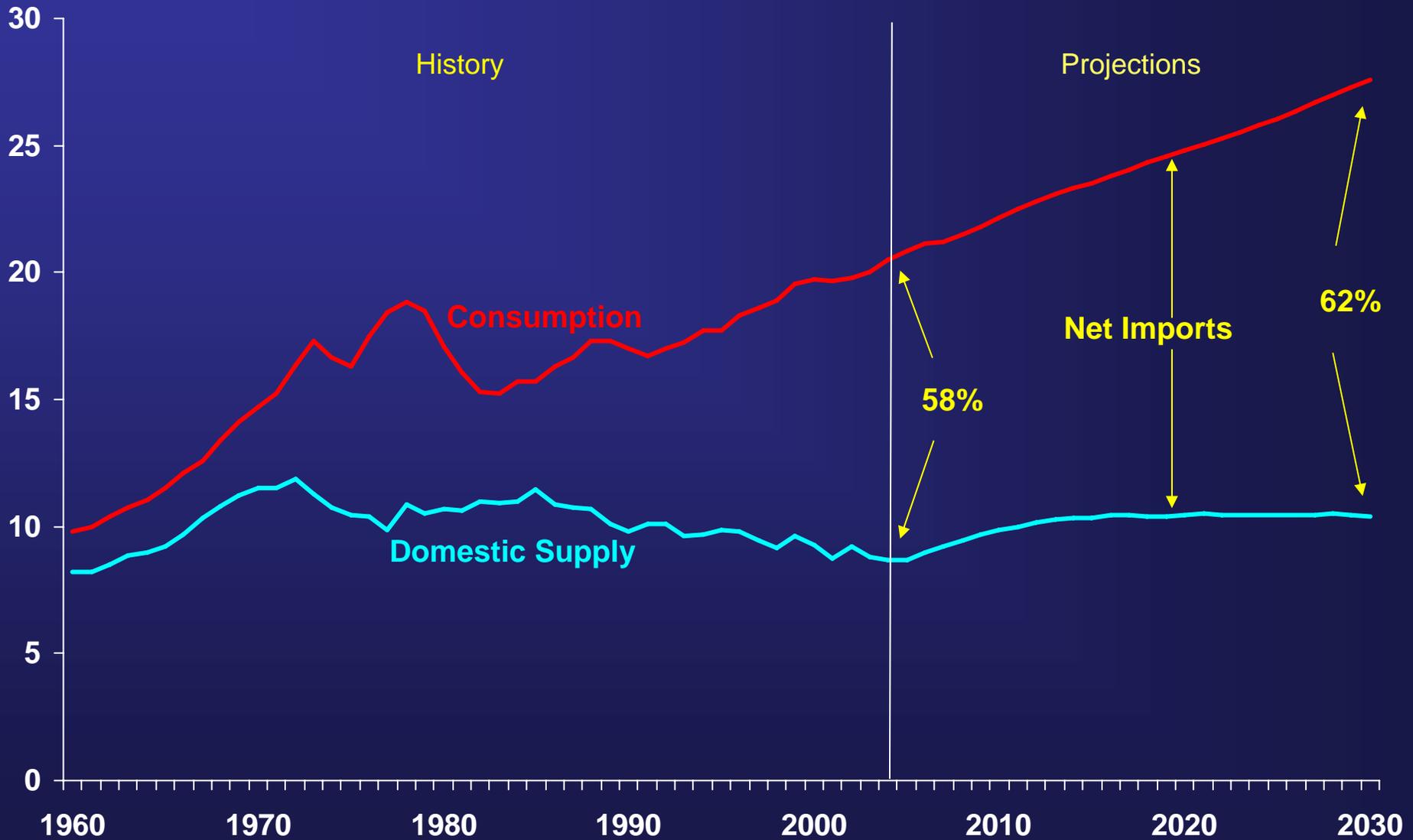


U.S. Unconventional Oil Production, 2030 (million barrels per day)

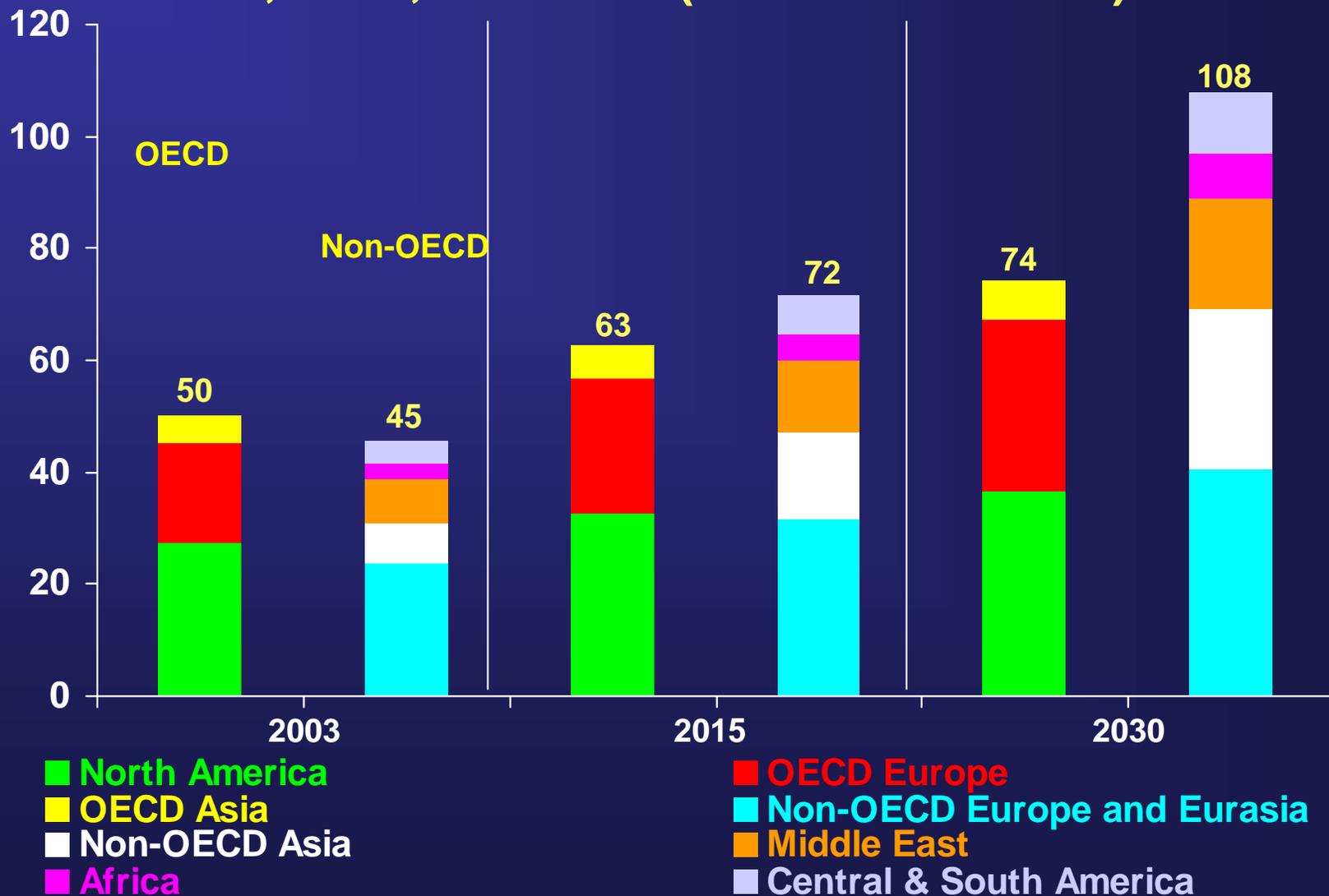


■ Liquids from Gas ■ Liquids from Coal ■ Synthetic Crude from Oil Shale

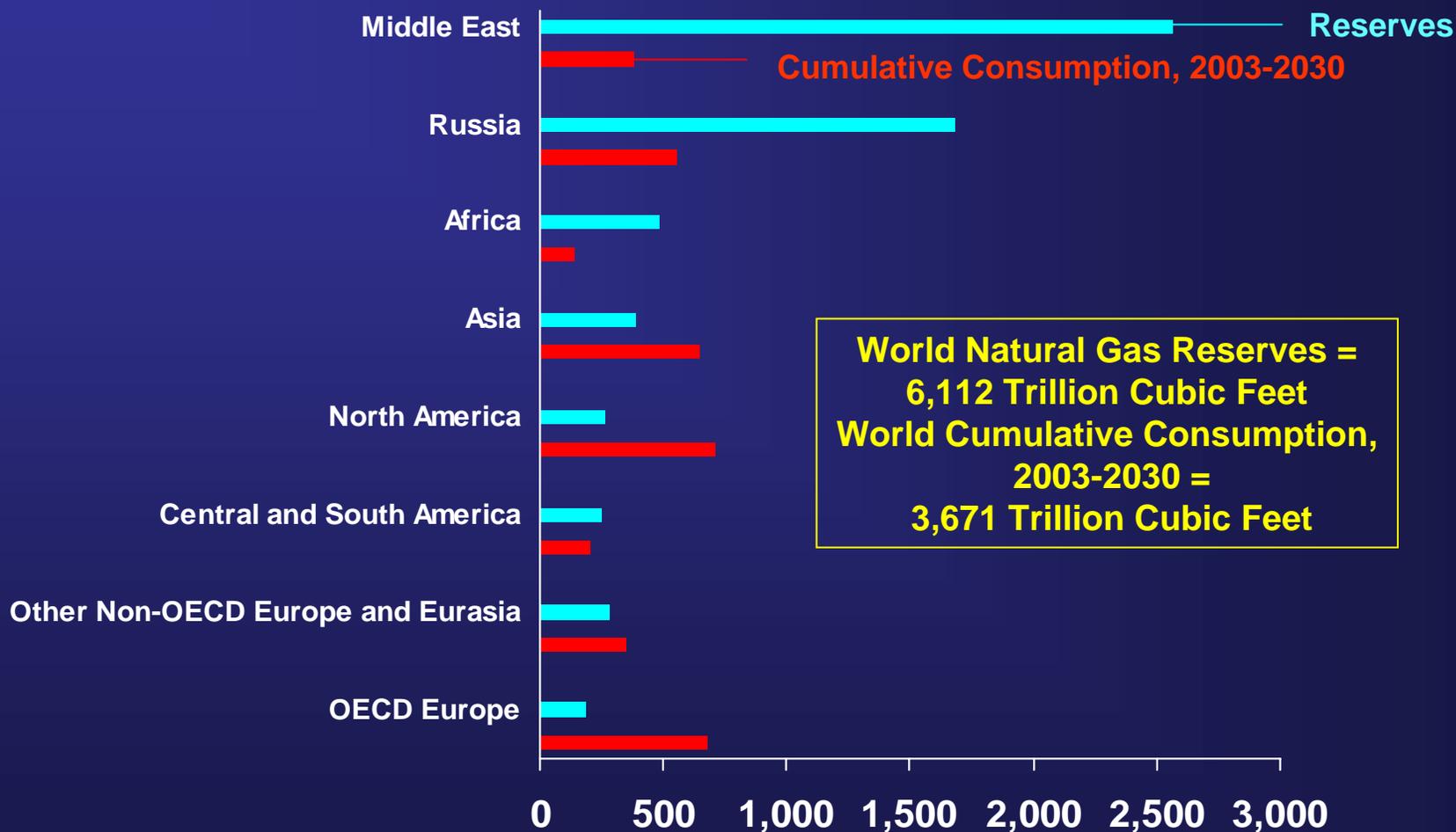
U.S. Petroleum Supply, Consumption, and Net Imports, 1960-2030 (million barrels per day)



World Natural Gas Consumption, 2003, 2015, and 2030 (trillion cubic feet)

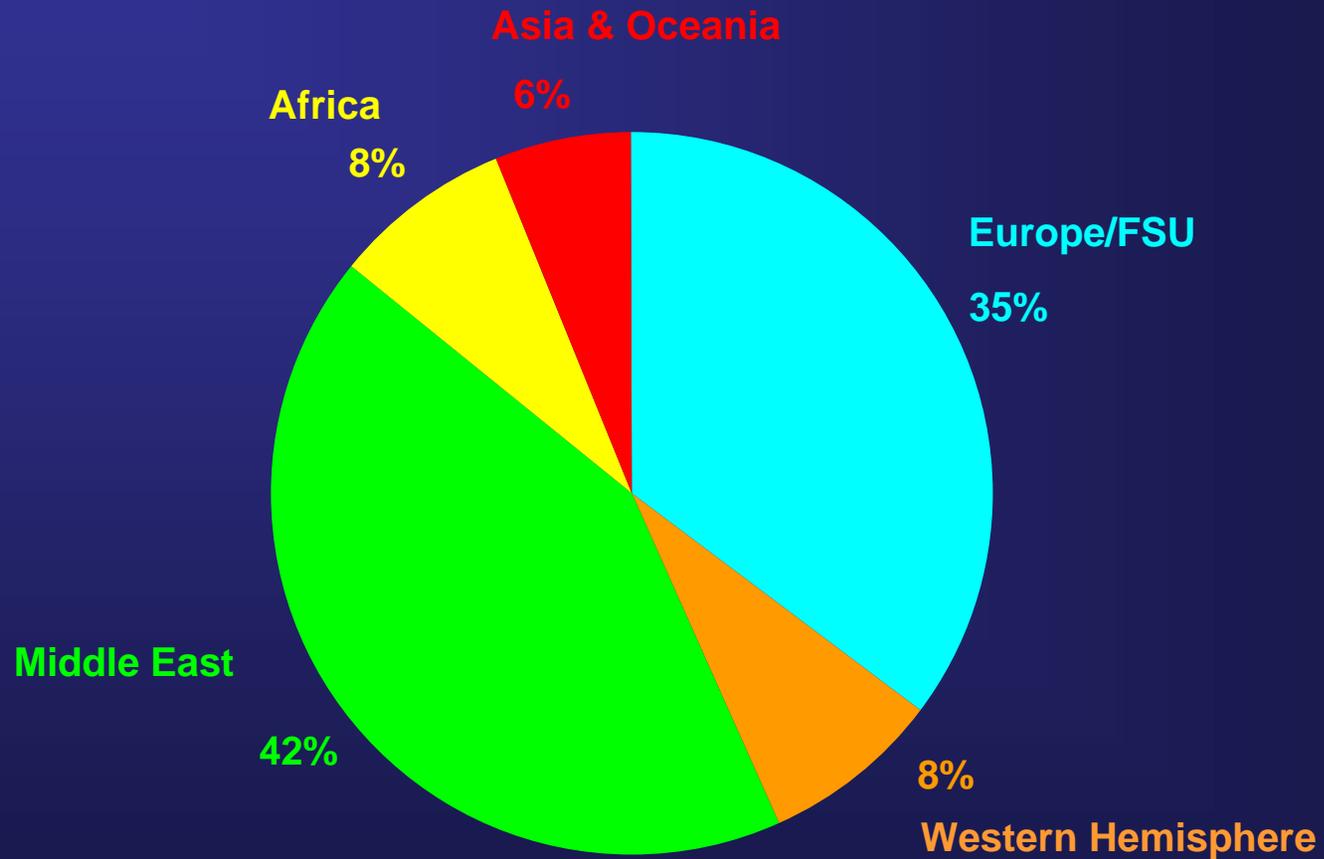


World Natural Gas Reserves, as of January 1, 2006, and Cumulative Consumption, 2003-2030 (trillion cubic feet)

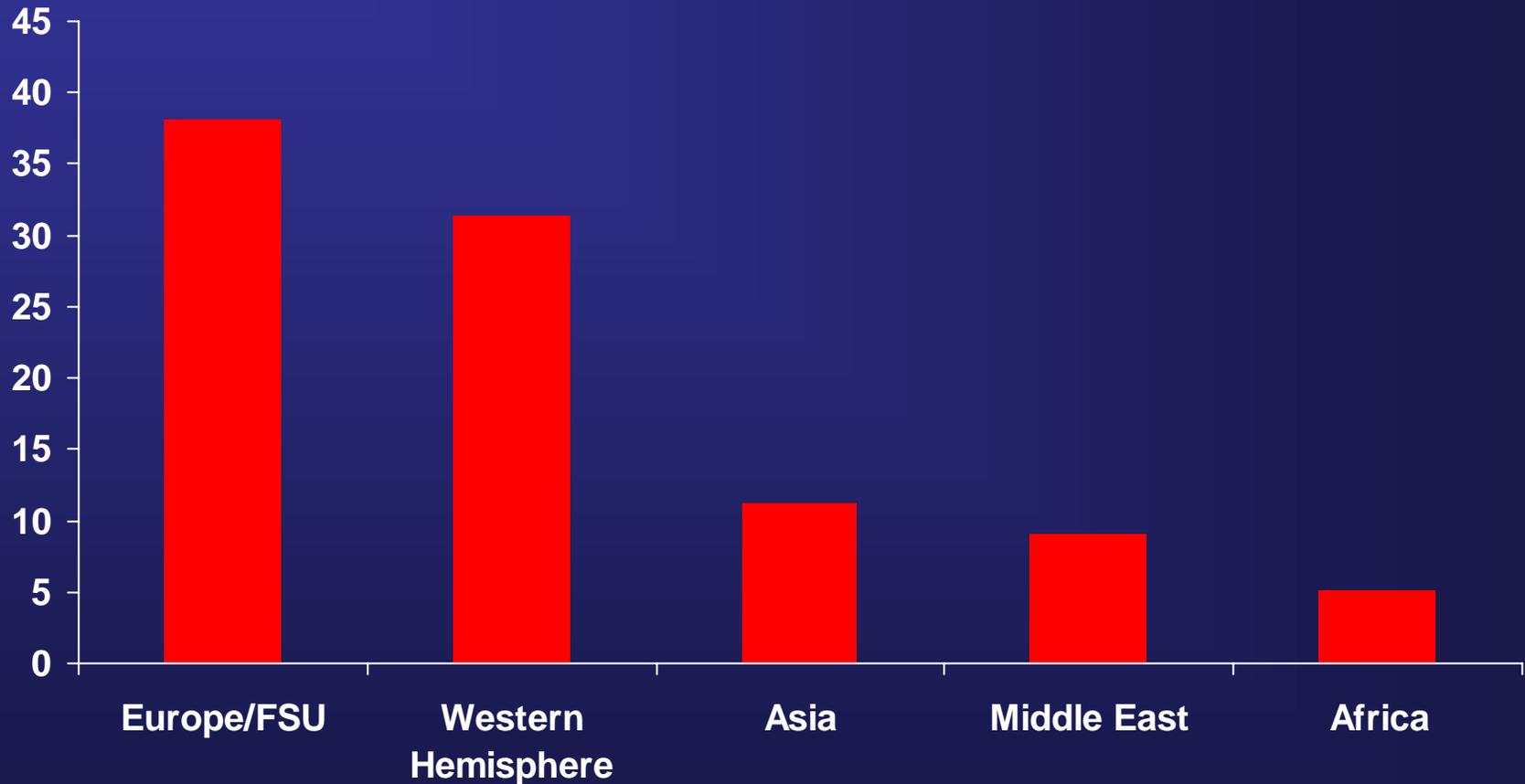


**World Natural Gas Reserves =
6,112 Trillion Cubic Feet
World Cumulative Consumption,
2003-2030 =
3,671 Trillion Cubic Feet**

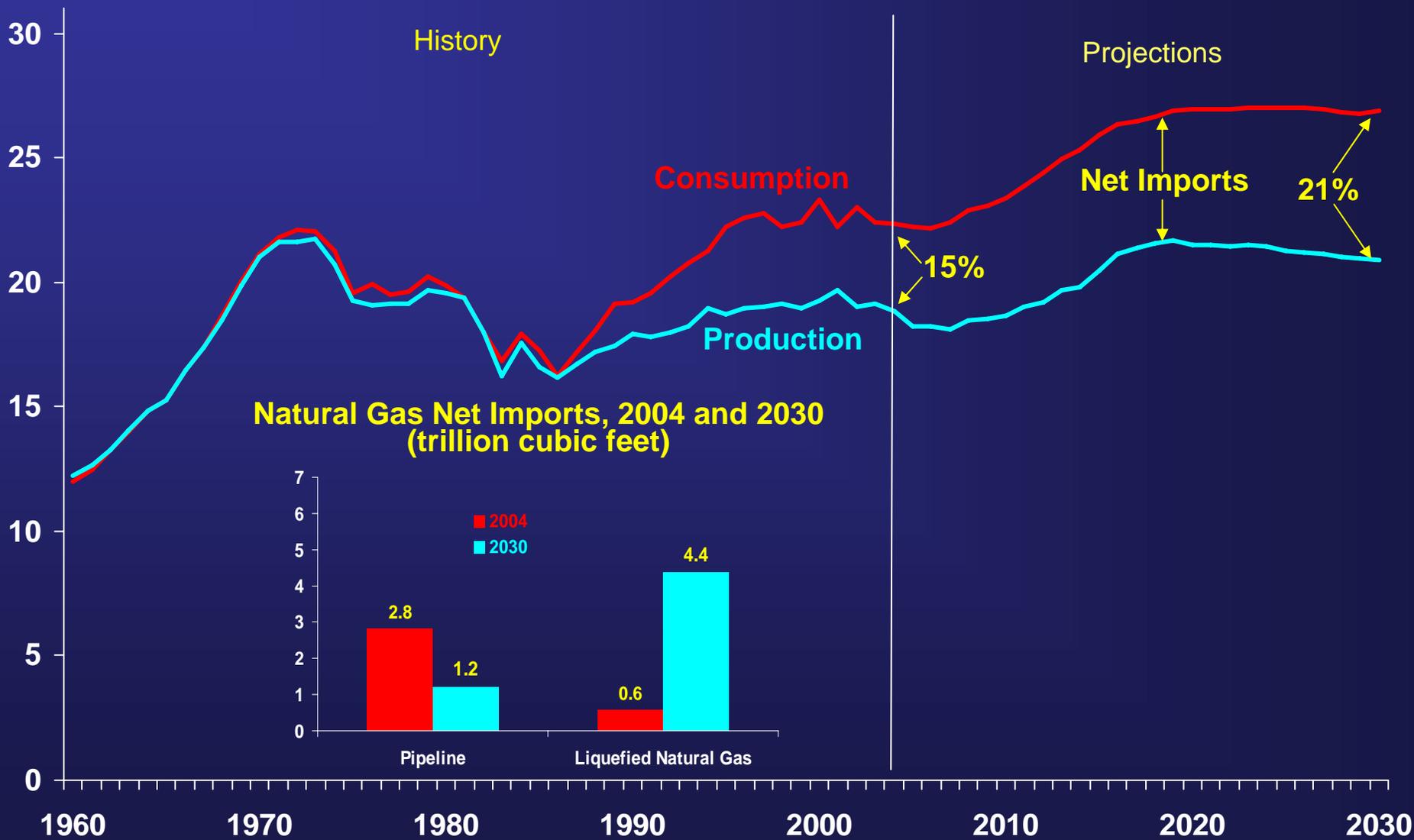
Share of World Natural Gas Reserves, 2006



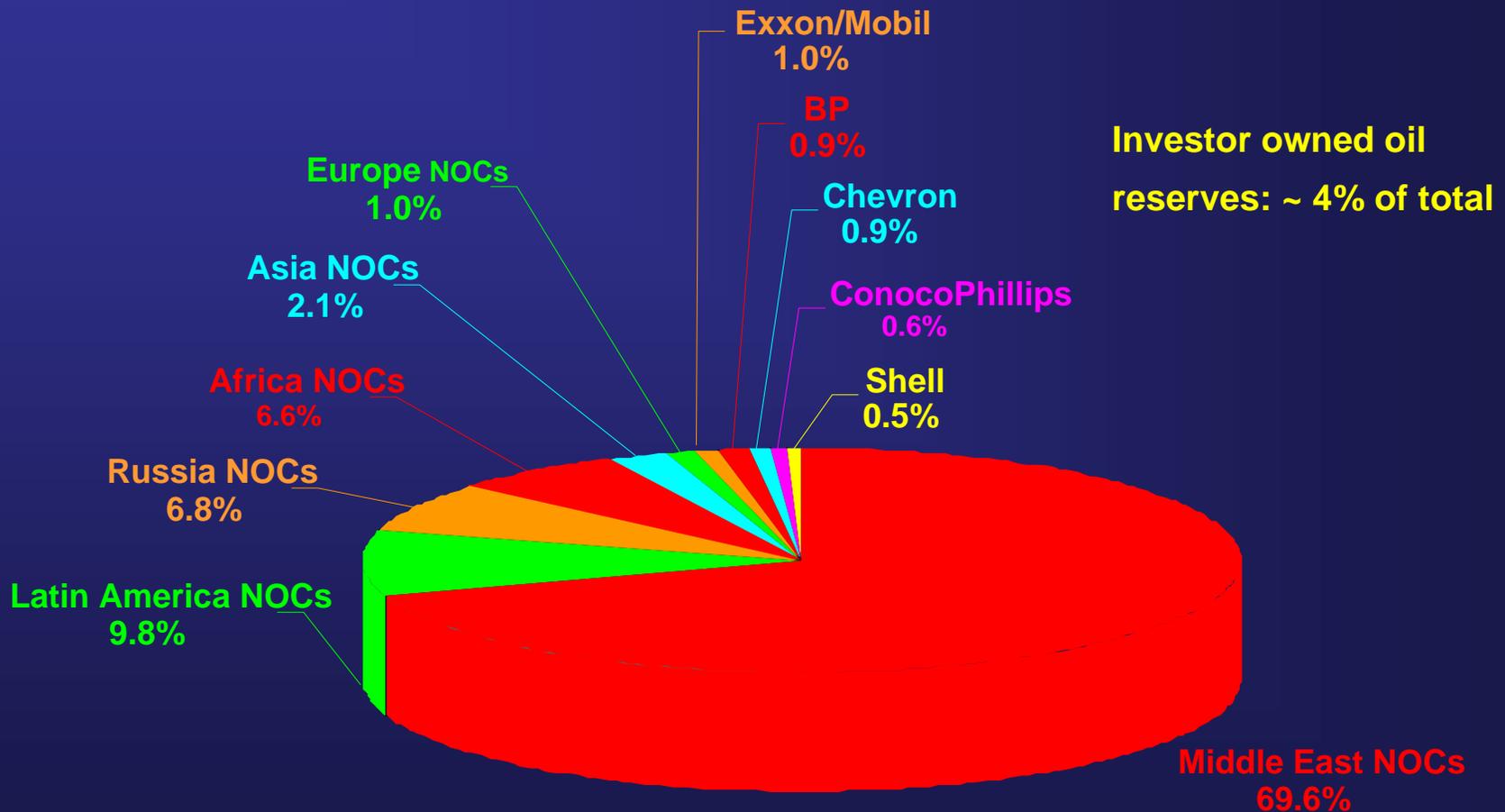
Top Natural Gas-Producing Regions, 2005 (trillion cubic feet)



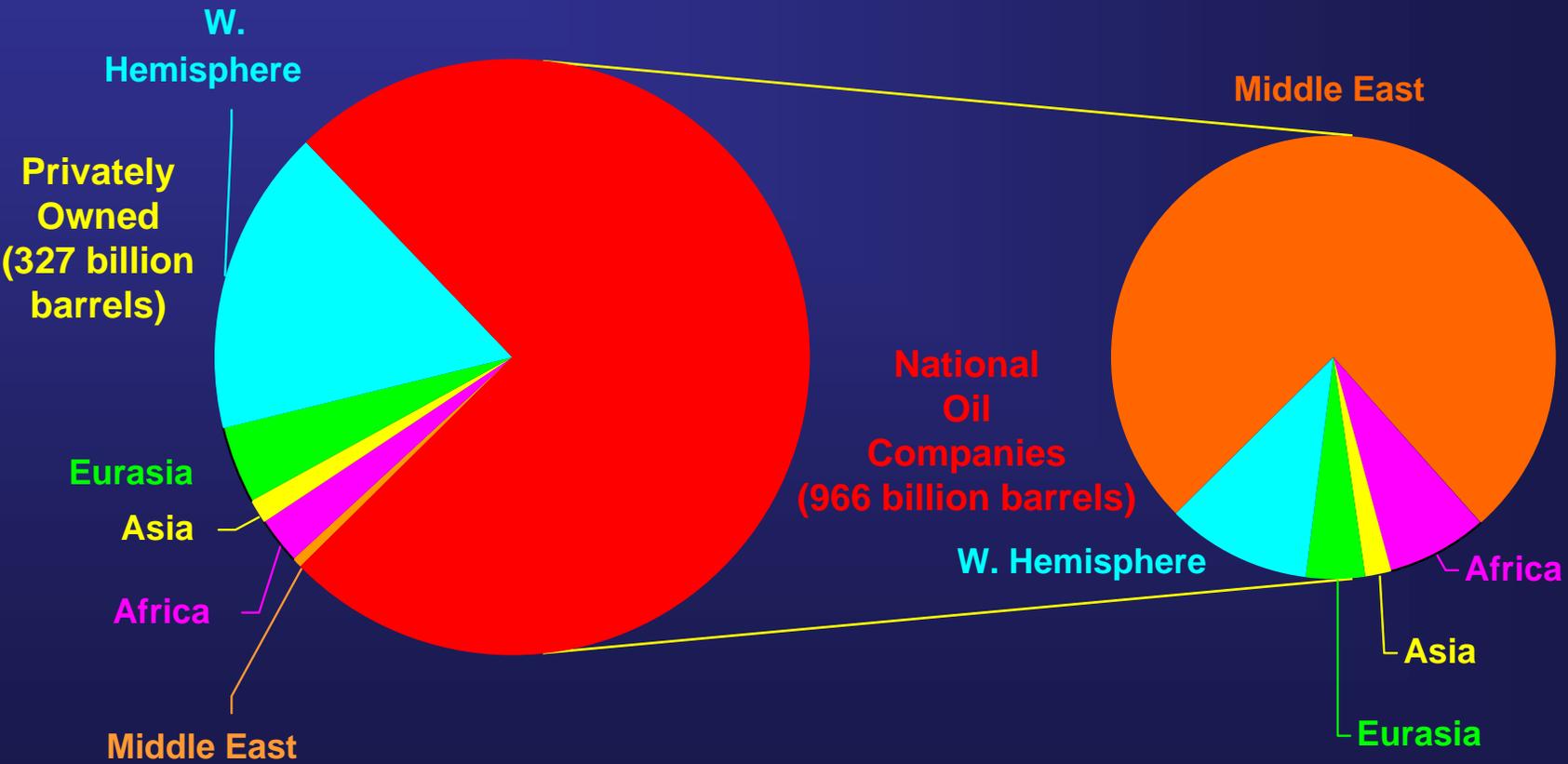
U.S. Natural Gas Production, Consumption, and Net Imports, 1960-2030 (trillion cubic feet)



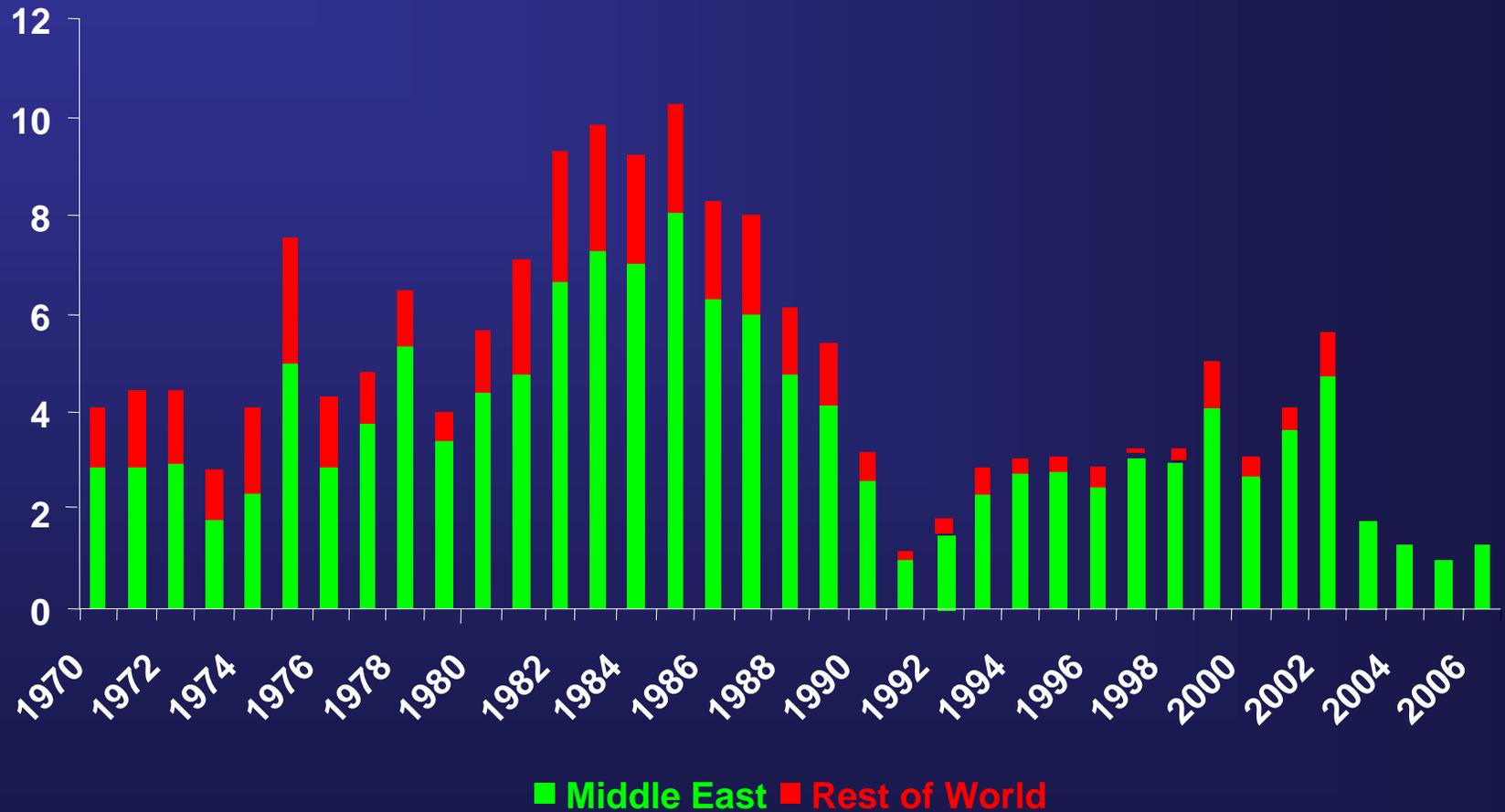
Global Proved Oil Reserves Ownership (1.1 trillion barrels)



National Oil Companies, Mostly in the Middle East, Control 75 Percent of World Oil Reserves

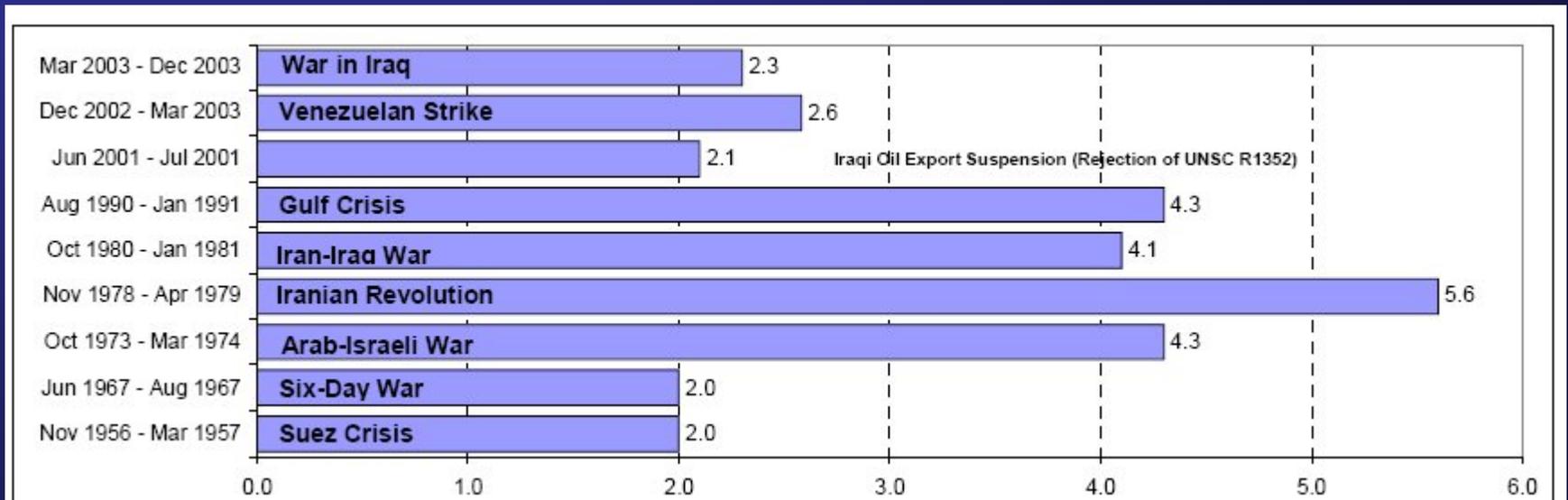


Almost All of the World's Excess Production Capacity is in the Middle East (million barrels per day)



Most Major Oil Market Disruptions Have Occurred in the Middle East

In Terms of Peak Oil Disruption Size, Million Barrels per Day

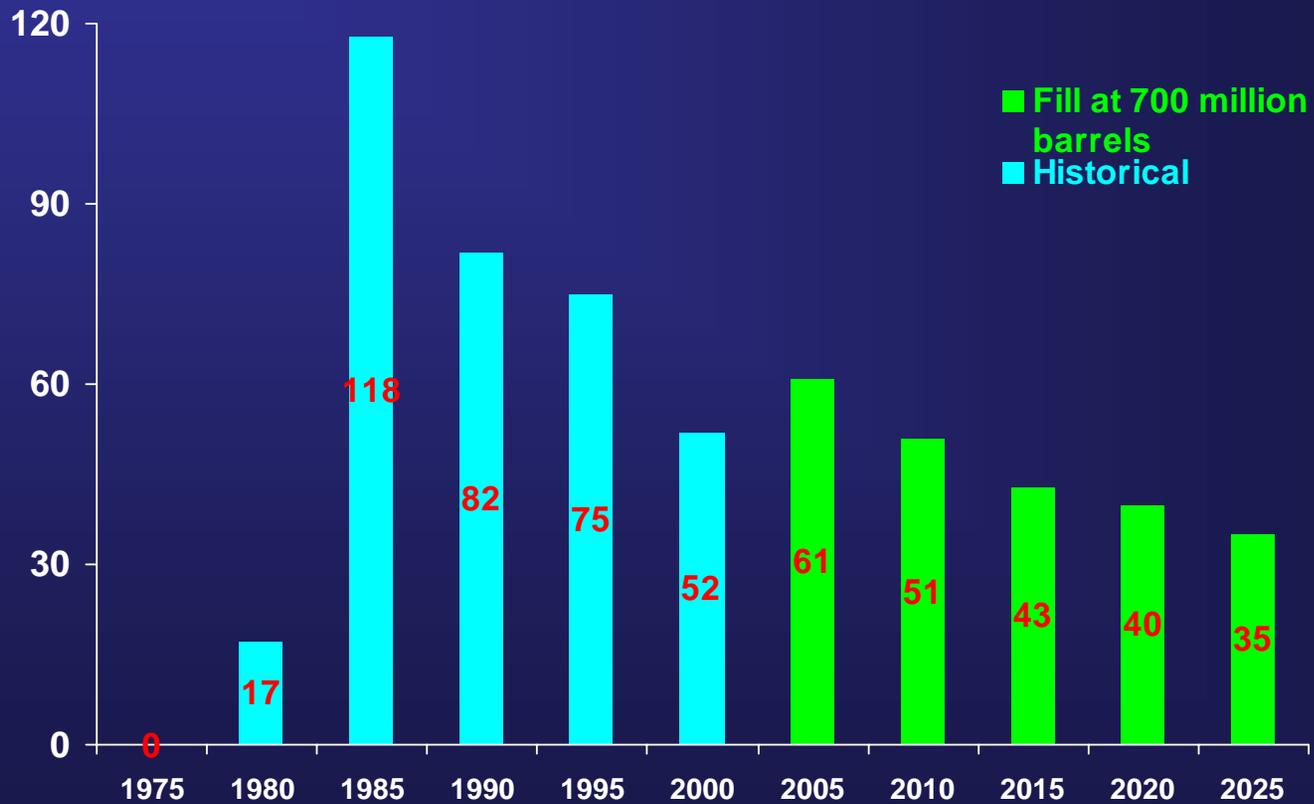


More than One-Third of the World's Seaborne Oil Shipments Flow Through the Persian Gulf

The Strait of Hormuz is the World's Most Strategic Oil Chokepoint with flows in 2005 of more than 17 million barrels per day



Projected SPR Import Protection (days of net imports)



Periodic Reports

Petroleum Status and Natural Gas Storage Reports, weekly

Short-Term Energy Outlook, monthly

Annual Energy Outlook 2006, February 2006

International Energy Outlook 2006, June 2006

Examples of Special Analyses

“Economic Effects of High Oil Prices,” Annual Energy Outlook 2006

Analysis of Oil and Gas Production in the Arctic National Wildlife Refuge,

March 2004

The Global Liquefied Natural Gas Market: Status and Outlook, December 2003

“Restricted Natural Gas Supply Case,” Annual Energy Outlook 2005

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