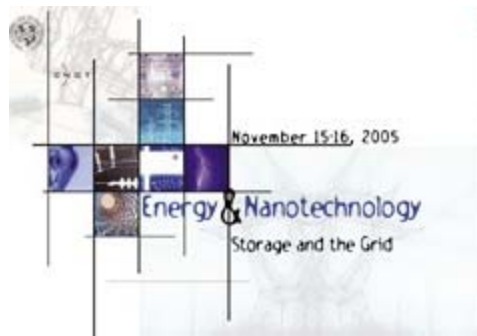


Welcome Remarks
Energy and Nanotechnology:
Storage and the Grid



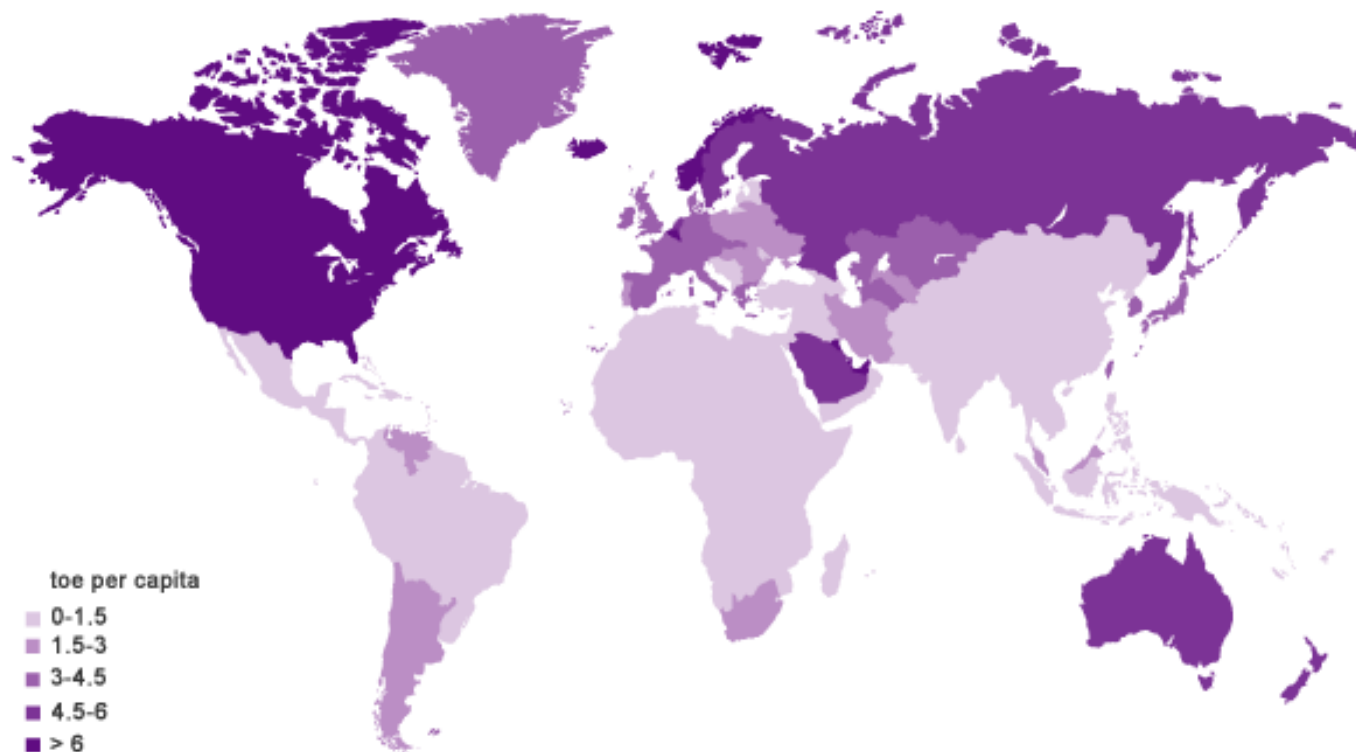
“Key Energy Statistics”

Amy Myers Jaffe
Wallace S. Wilson Fellow for Energy Studies

Country	Total Primary Energy Consumption Per Person (2002) (Million BTU)
Brazil	48.7
China	33.3
Germany	173.1
India	13.3
Japan	172.3
United States	339.1

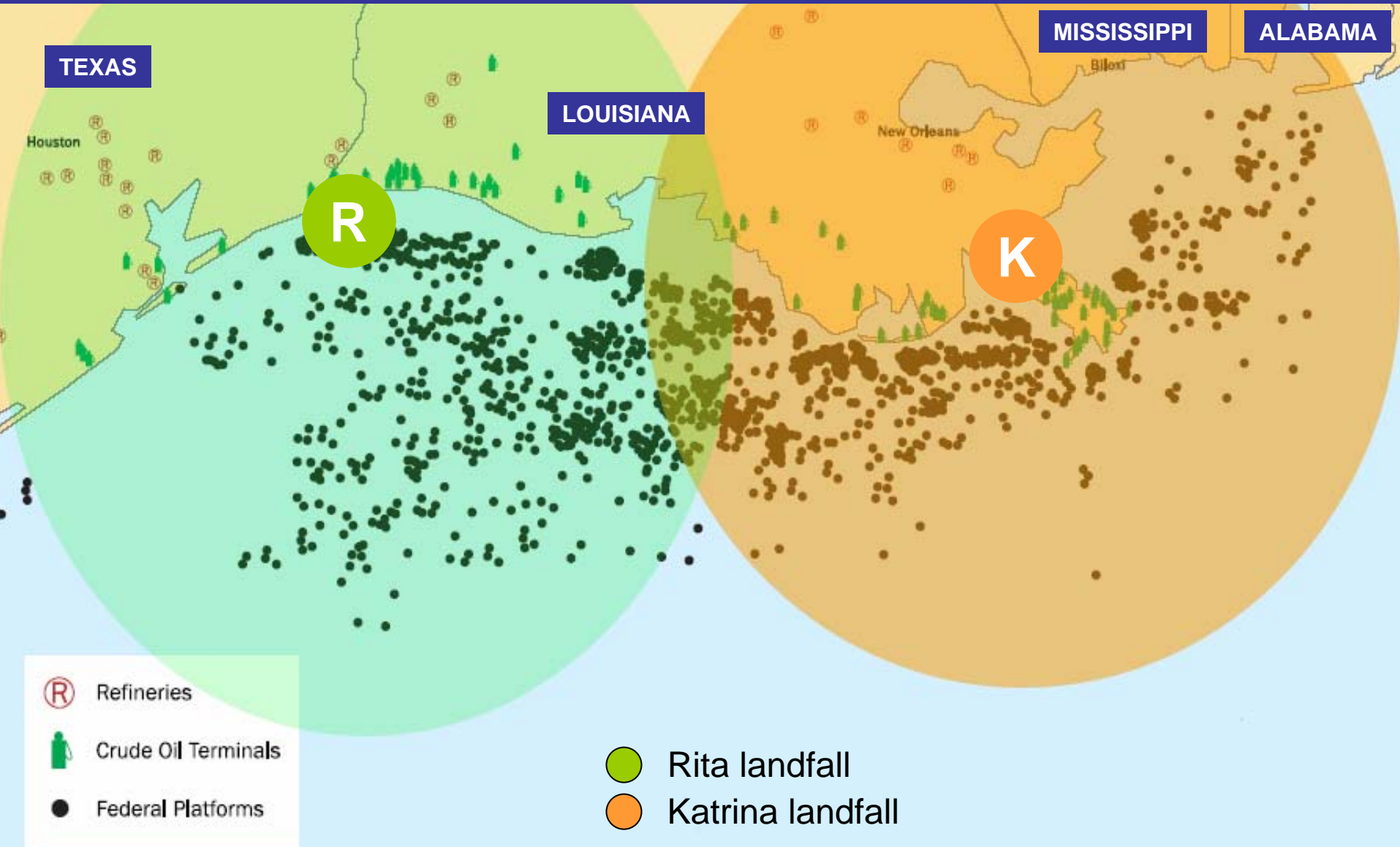
Source: EIA

Primary energy consumption per capita
Tonnes oil equivalent



Source: BP

Hurricanes Rita, Katrina And Gulf Oil & Natural Gas Operations

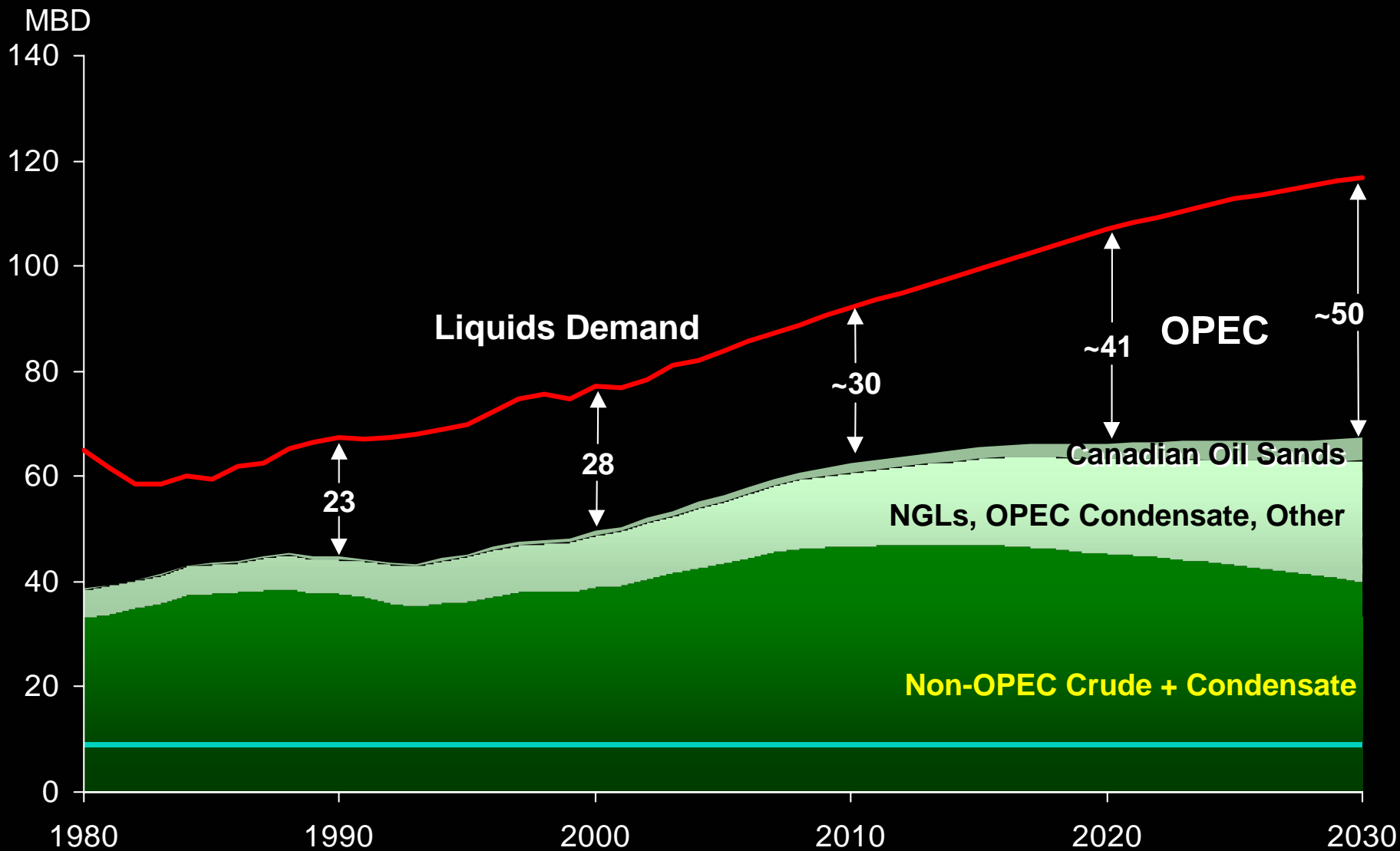


Geopolitics, not Geology, is driving the energy future



World Liquids Production Outlook

(Source: ExxonMobil)



Refinery Utilization Rates, 1980-2003 (in percentages)

	1980	1985	1990	1995	2000	2003
US	72.4	77.6	85.5	91.5	92.3	90.1
EU-15	63.1	69.1	86.0	92.4	93.6	91.2
Japan	71.2	66.0	79.5	83.3	82.4	86.6
FSU	82.6	77.2	74.3	51.0	53.0	63.5
China	83.7	78.9	74.4	67.5	78.0	85.2