

UNCLASSIFIED

ENERGY FOR THE WARFIGHTER:

The DoD Operational Energy Strategy

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Operational Energy*

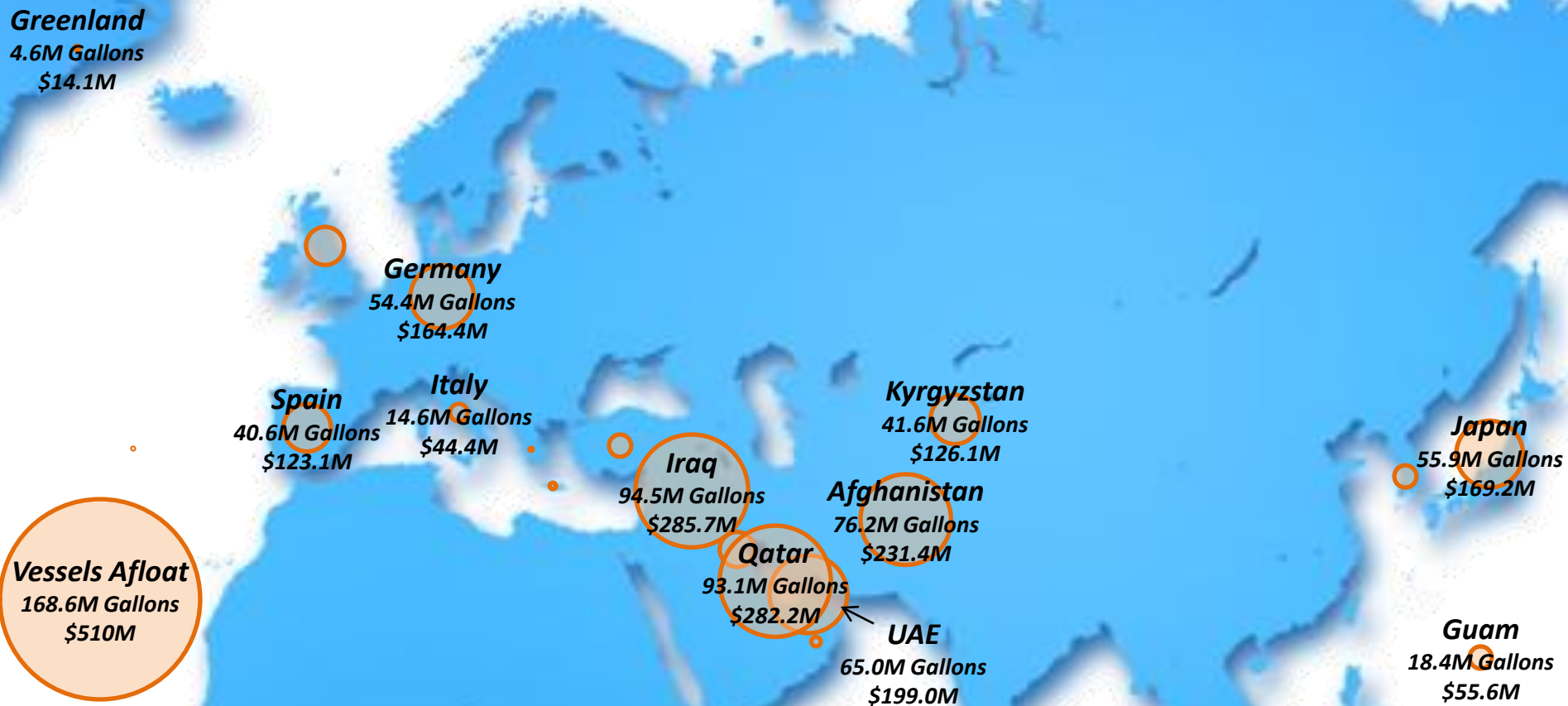




Energy for a Globally Active Force

Defense Fuel Supply Sales By Country

(January-April 2011)



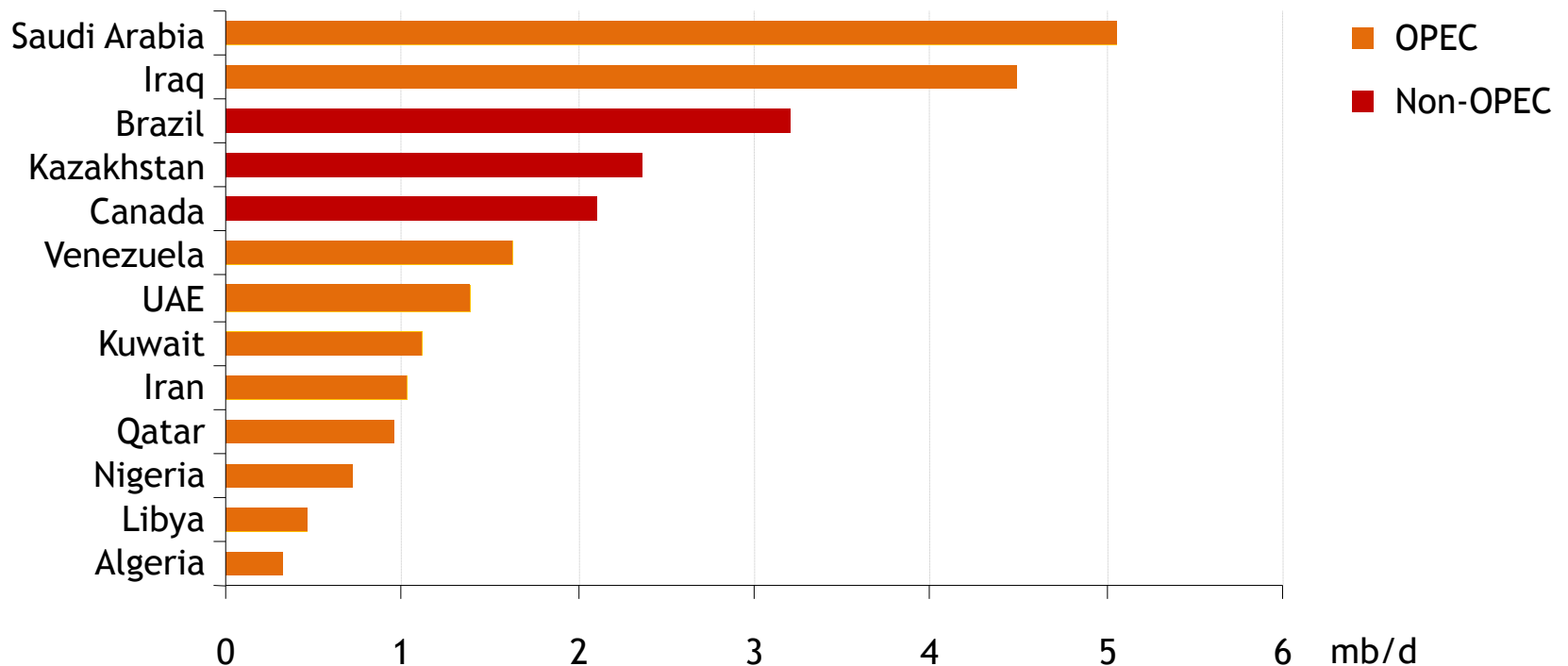
1,538,127,144 Gallons of Fuel in 4 months



The Context: Global Energy Supply

□ Where Does Future Oil Production Come From?

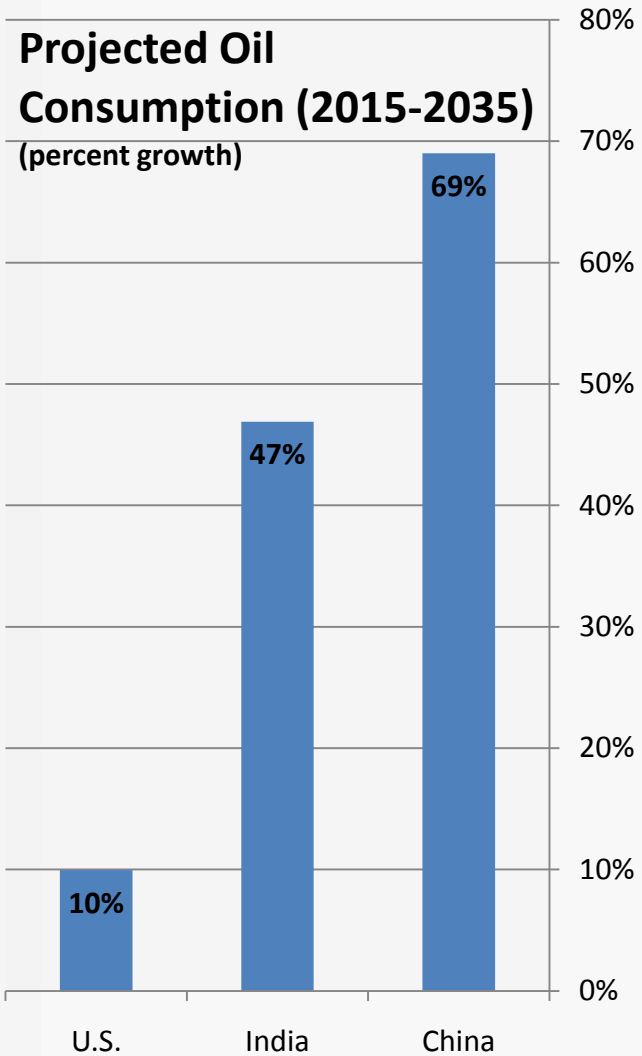
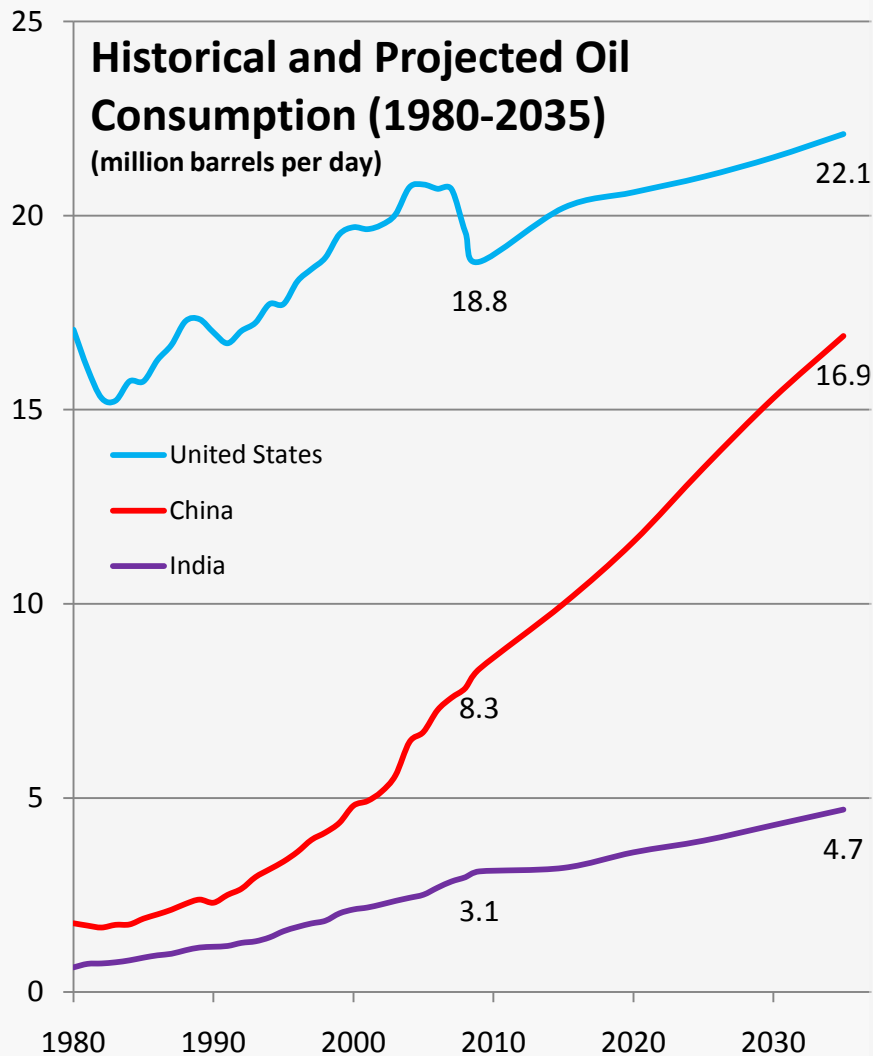
- Incremental Oil Production:



- OPEC's market share is projected to increase from 41% today to 52% by 2035. Only Canada has a fully open market for energy development. Globally, resource nationalism will be a concern.



The Context: Global Energy Demand

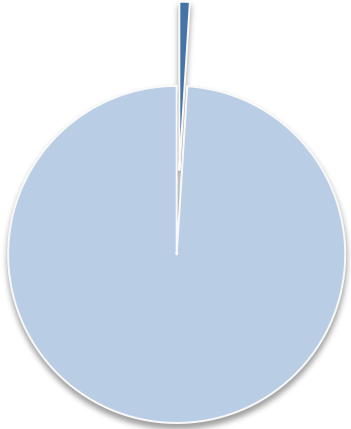


Source: U.S. Energy Information Agency; World Petroleum Consumption, 1960-2008; International Energy Outlook 2010, World Liquids Consumption by Region, Reference Case



DoD Energy Use: \$15.18B in FY10

Total U.S. Energy Use¹



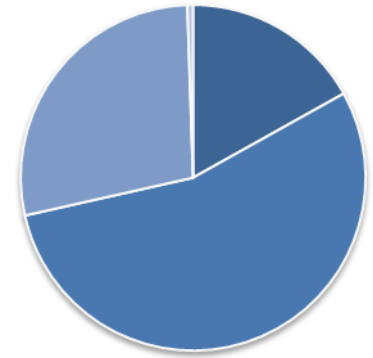
Federal Energy Use²



DOD Energy Use³



Service Operational Use⁴



Federal Energy Use 1%
Rest of United States 99%

DOD Energy Use 80%
Other Federal 20%

Operational Use 73.5%
Installations Use 26.5%

Army 16.9%
Navy/MC 28.0%
Air Force 54.6%
Other DOD .5%

¹ EIA Annual Energy Report 2009 ,Figures by consumption

² FY 09 EIA U.S. Government Energy Consumption by Agency, figures by consumption

³ FY 10 DOD Annual Energy Management Report, figures by site delivered BTUs

⁴ FY 10 DLA Energy Net Fuel Sales, figures by sales

Operational Energy – “The energy required for training, moving, and sustaining military forces and weapons platforms for military operations.”



The DoD Operational Energy Strategy

- ❑ **GOAL: to assure that U.S. armed forces will have the energy they require for 21st century military missions**

