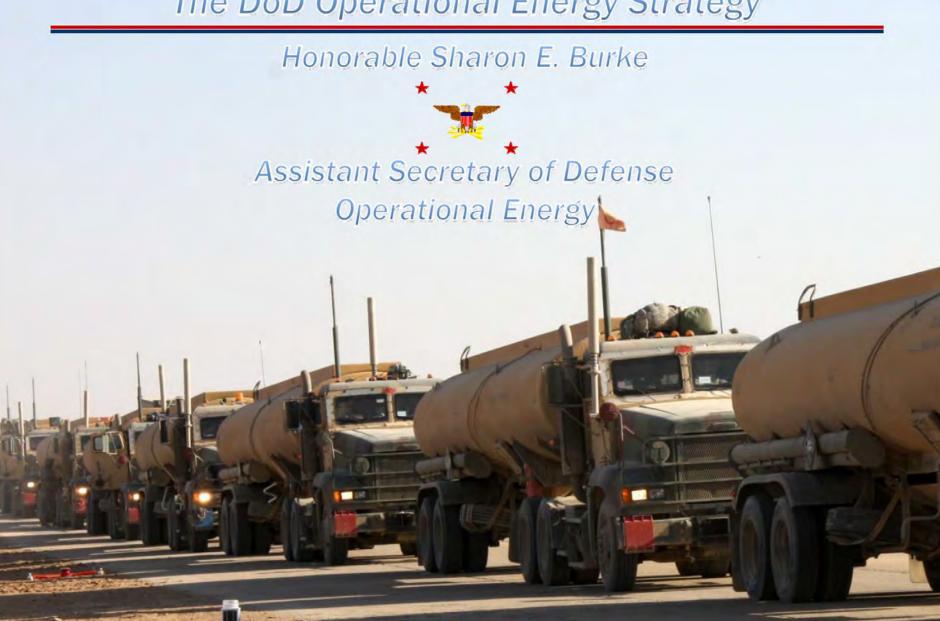


ENERGY FOR THE WARFIGHTER:

The DoD Operational Energy Strategy



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Report Documentation Page

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The Context: Strategic Environment





WMD Proliferation



Current Conflicts



Cyber Threats



Humanitarian Assistance

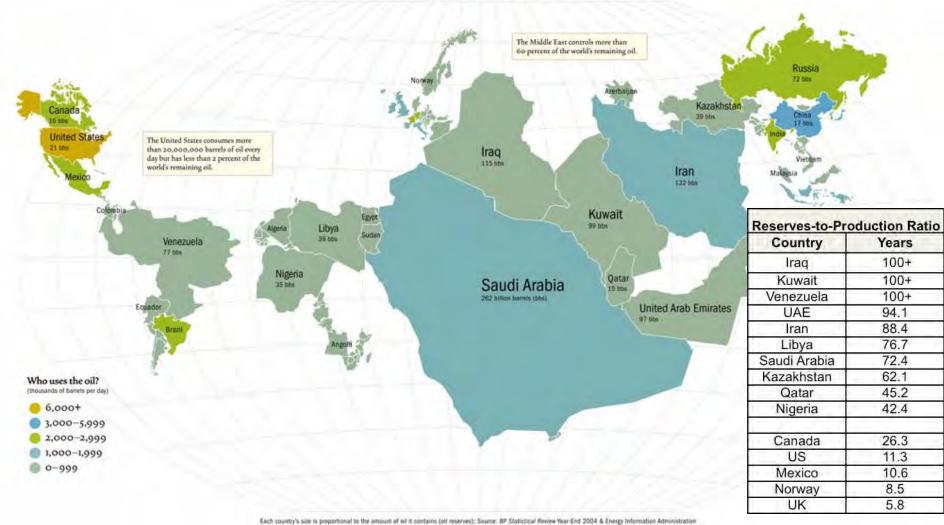


Rising Powers





The Context: Global Energy Supply

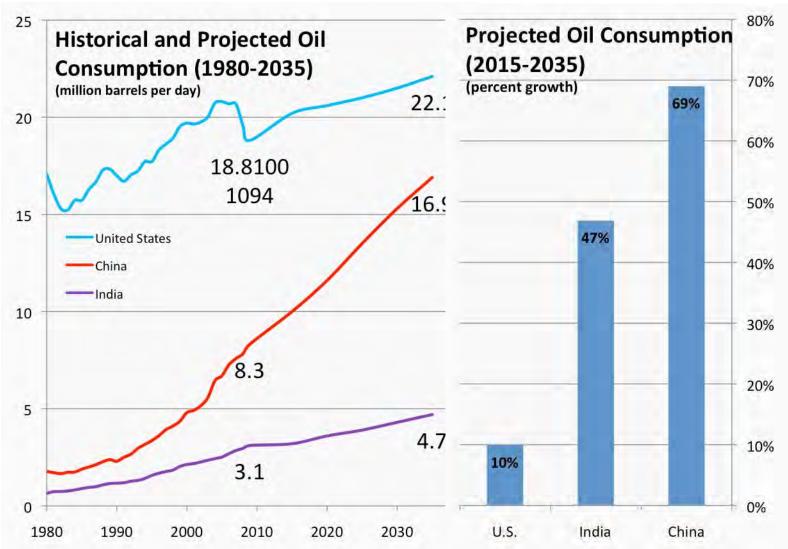


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Dynamic energy markets have geopolitical, fiscal, and strategic implications



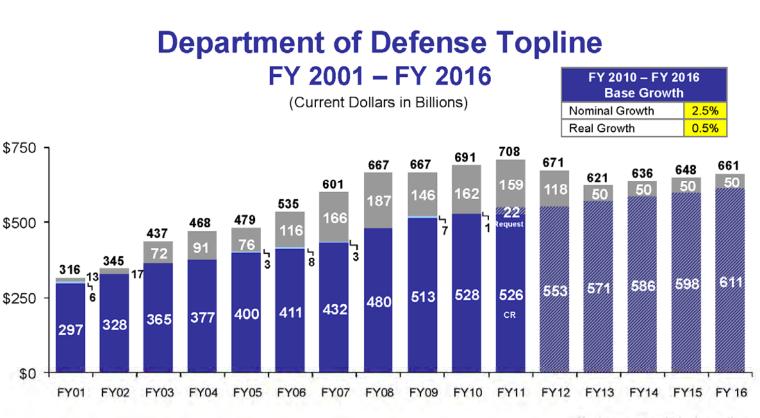
The Context: Global Energy Demand



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



The Context: DoD Fiscal Challenges



\$450B +?

Numbers may not add due to rounding

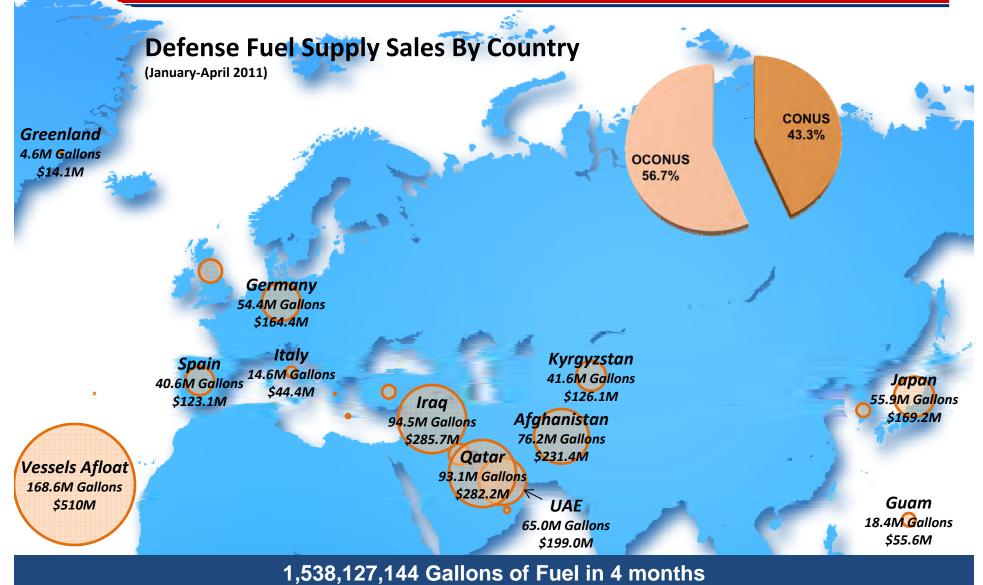
Base Budget OCO Funding Non-War Supplemental Base Budget Position

 FY 2012 – FY 2016 reflects levels included in the President's FY 2012 Budget Request; FY 2009 Non-War Supplemental was appropriated through the American Recovery and Reinvestment Act of 2009

FY 2011 reflects the addition of the annualized 2011 Continuing Resolution and an adjustment to the Presidents FY2012 Budget Request
 Source: Department of Defense Appropriation Acts FY 2001 – FY 2010, FY2011 Continuing Resolution, FY 2011-FY2012 President's Budget documents

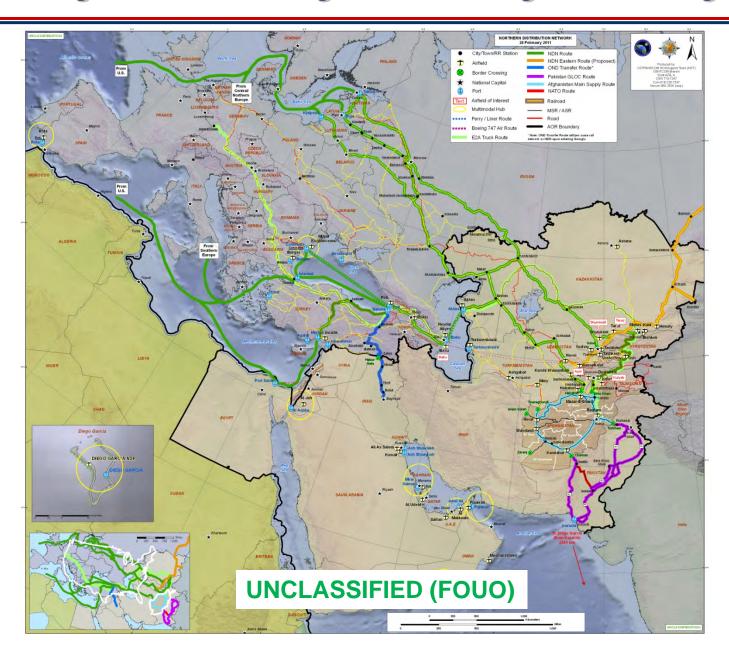


Energy for a Globally Active Force





Getting Fuel to the Fight: A Strategic Challenge





Getting Fuel to the Fight: A Tactical Challenge











- □ Iraq & Afghanistan 3,000 Army personnel or contractors killed or wounded between FY03-07 in attacks on water and fuel convoys
- □ Afghanistan One Marine wounded for every 50 convoys in 2010



Strategic Guidance on Energy

□ 2011 National Military Strategy

 "Joint Forces must become more expeditionary in nature and will require a smaller logistical footprint in part by reducing large fuel and energy demands."

□ Quadrennial Defense Review

 "Energy security for the Department means having assured access to reliable supplies of energy and the ability to protect and deliver sufficient energy to meet operational needs."



"Our military leaders recognize the security imperative of increasing the use of alternative fuels, decreasing energy use, reducing our reliance on imported oil, making ourselves more energy-efficient."



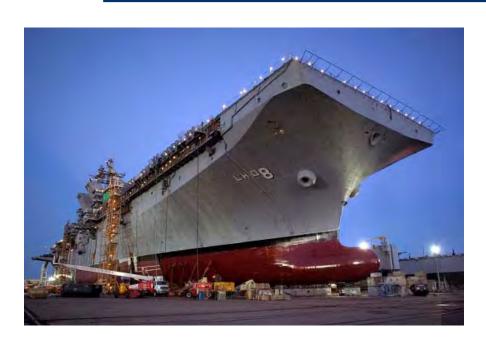
The DoD Operational Energy Strategy

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





More Fight, Less Fuel: REDUCING DEMAND







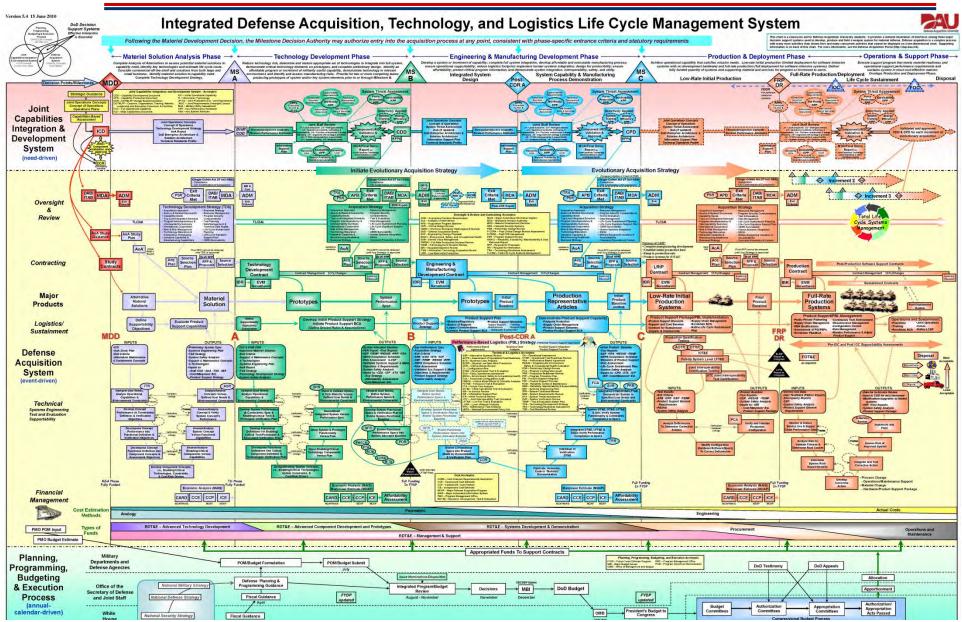
More Options, Less Risk: INCREASING SUPPLY







More Capability, Less Cost: THE FUTURE FORCE





What Does Success Look Like?

Li	nergy as a Strategic Advantage for the Warfighter
	Fewer casualties from moving and protecting fuel.
	Improved range, endurance, and reliability of forces and equipment.
	Deploying some combat forces and capabilities away from supply lines to operational missions.
	Lightening the logistics load and reducing the vulnerability of fuel supply lines.
	Strengthening DOD's resilience to energy price and supply volatility and disruption.
	Posturing the future force for success by better aligning resources to tactical, operational, and strategic goals.
	Building partner nation capacity by sharing improved operational energy capabilities
	Contribute to national energy security goals, such as reducing reliance on fossil fuels, cutting greenhouse gas emissions, and stimulating innovation in the civilian sector