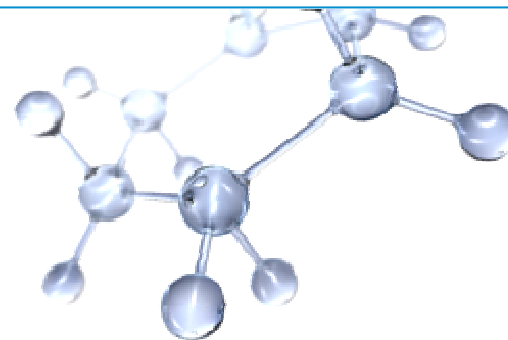




Taking on the world's toughest energy challenges.™

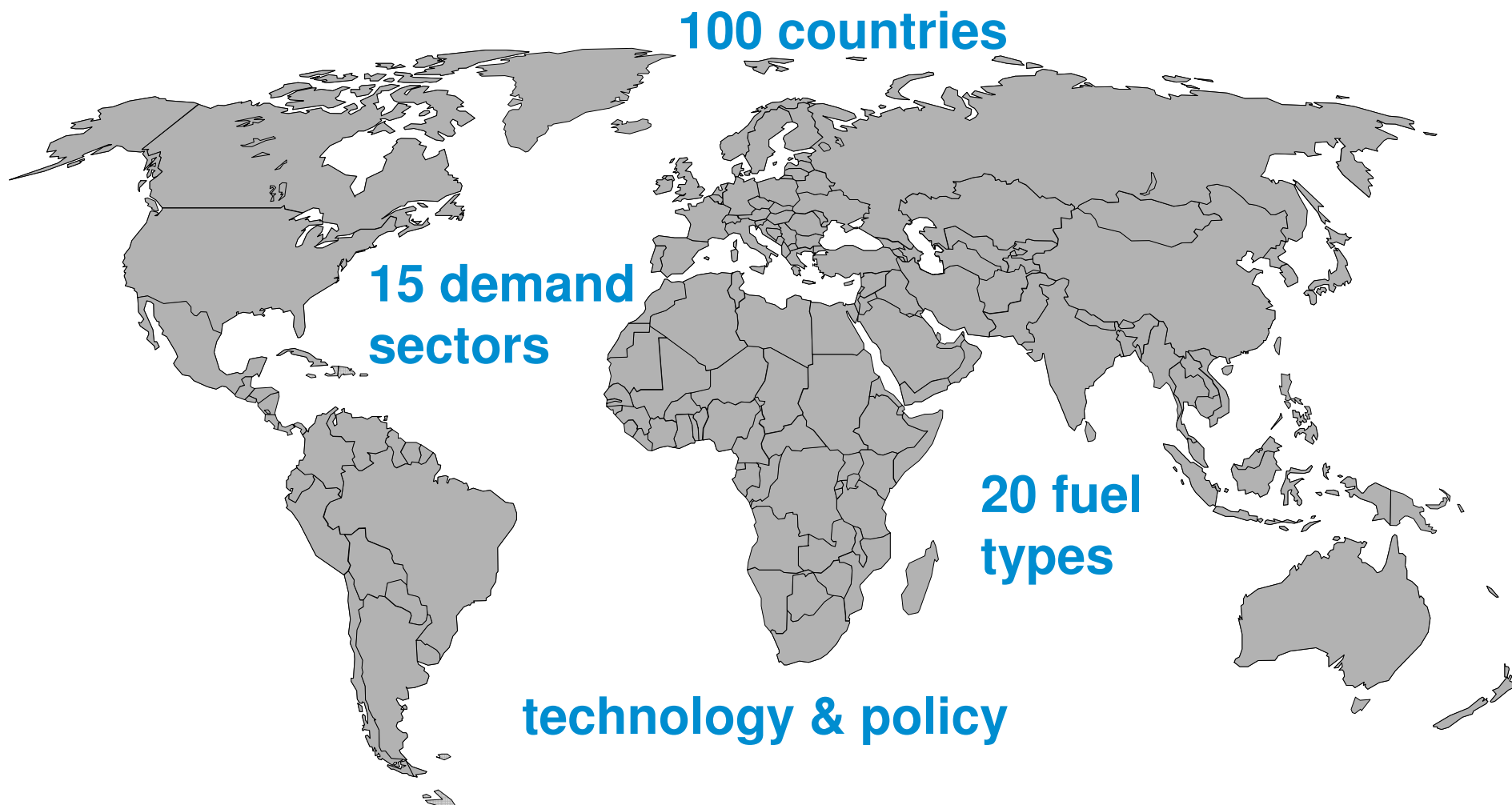
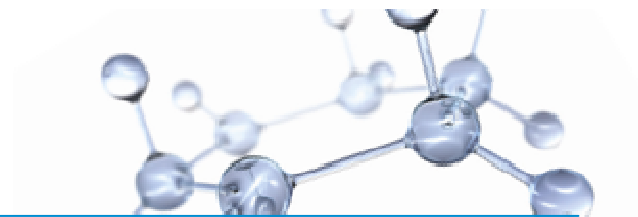
The Outlook for Energy a view to 2030



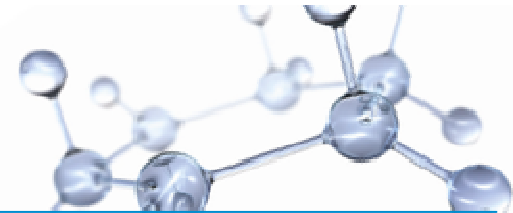
Steven L. Blume
Baton Rouge Refinery Manager
Tulane Engineering Forum
April 15, 2011

This presentation includes forward-looking statements. Actual future conditions (including economic conditions, energy demand, and energy supply) could differ materially due to changes in technology, the development of new supply sources, political events, demographic changes, and other factors discussed herein and under the heading "Factors Affecting Future Results" in the Investors section of our website at: www.exxonmobil.com. The information provided includes ExxonMobil's internal estimates and forecasts based upon internal data and analyses as well as publically-available information from external sources including the International Energy Agency. This material is not to be reproduced without the permission of Exxon Mobil Corporation.

Energy Outlook Basis

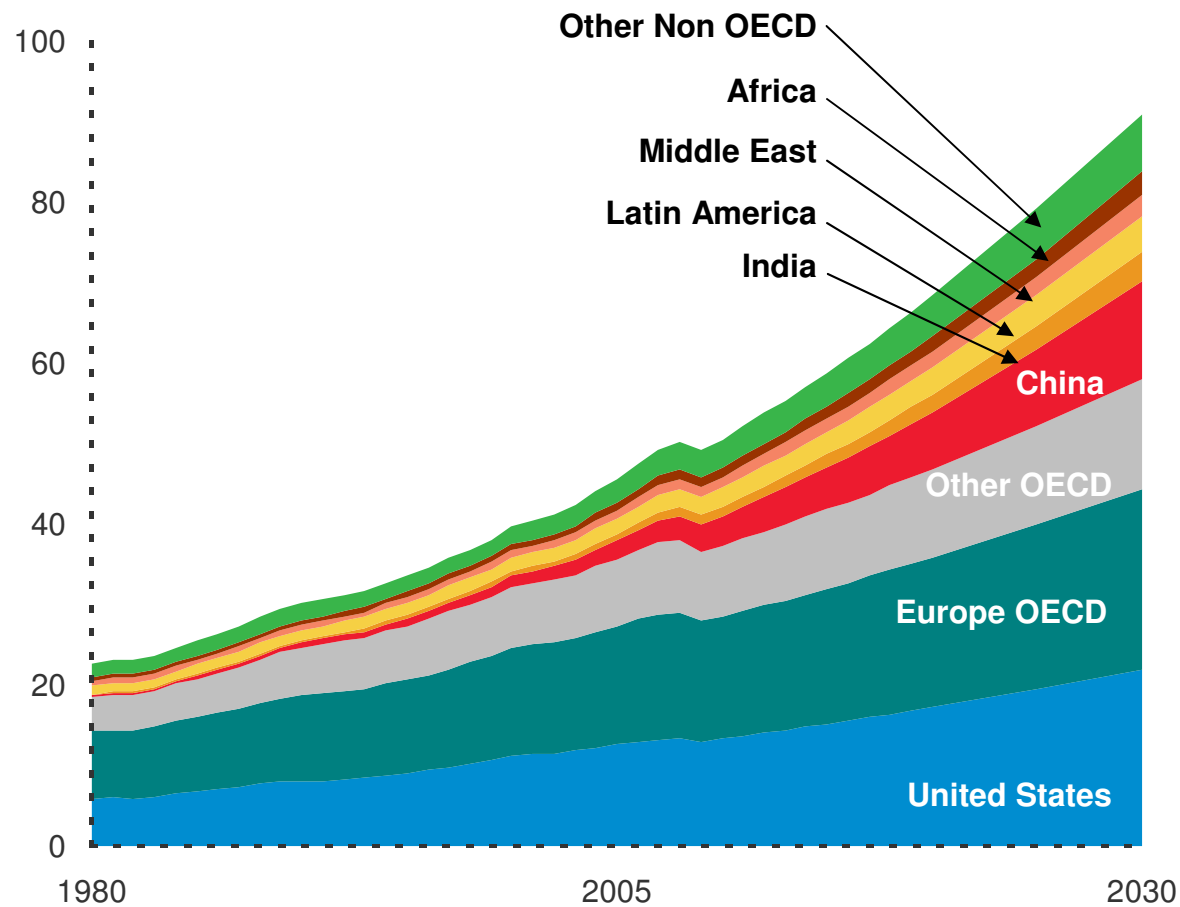


Economic Growth Continues



GDP

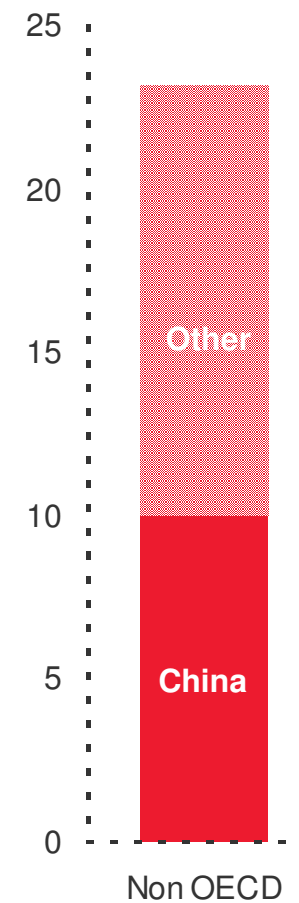
Trillion 2005\$



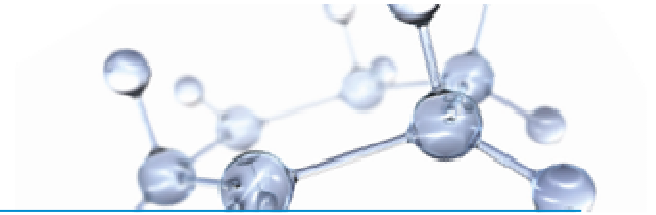
ExxonMobil 2010 Energy Outlook

GDP Growth 2005 to 2030

Trillion 2005\$

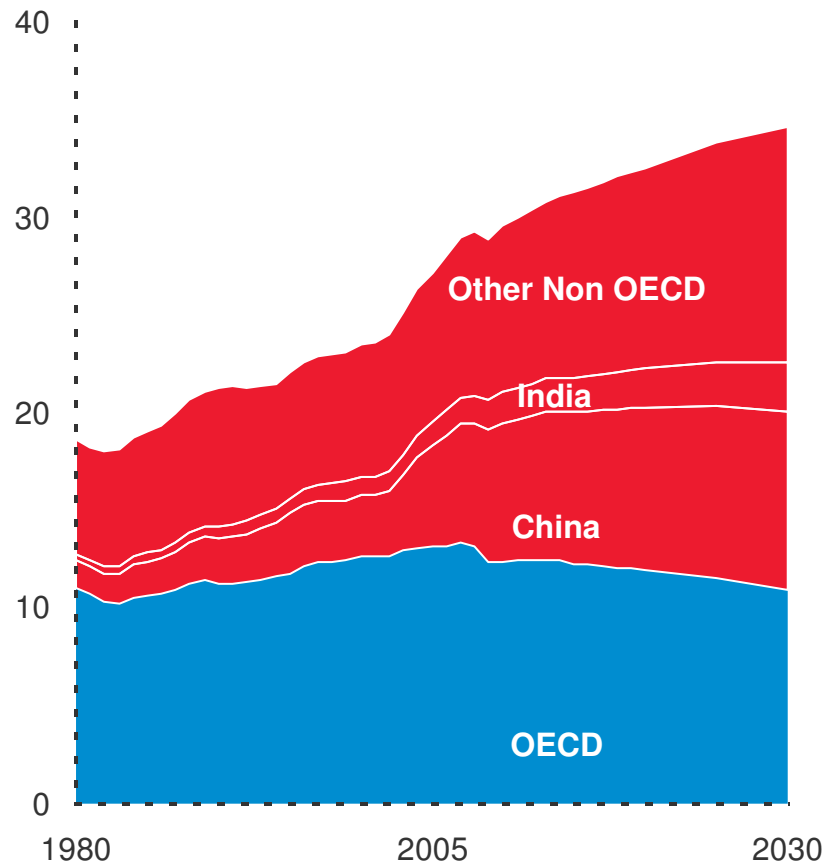


CO₂ Emissions Moderate



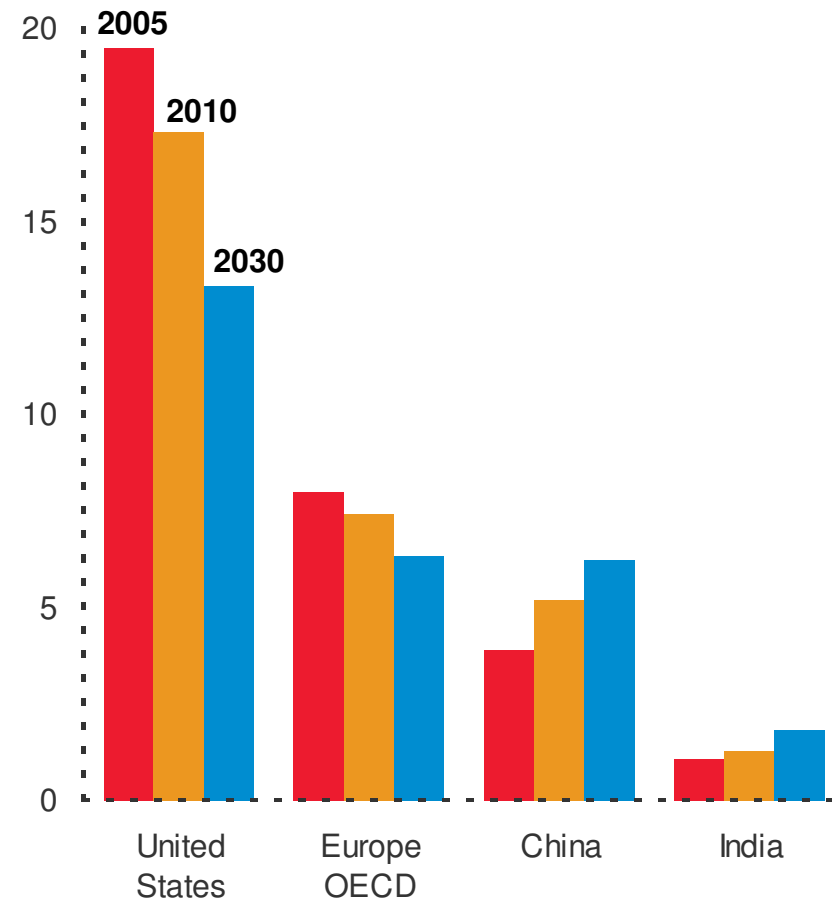
By Region

Billion Tons



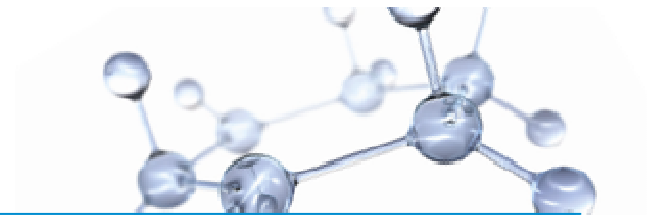
Emissions per Capita

Tons per Person

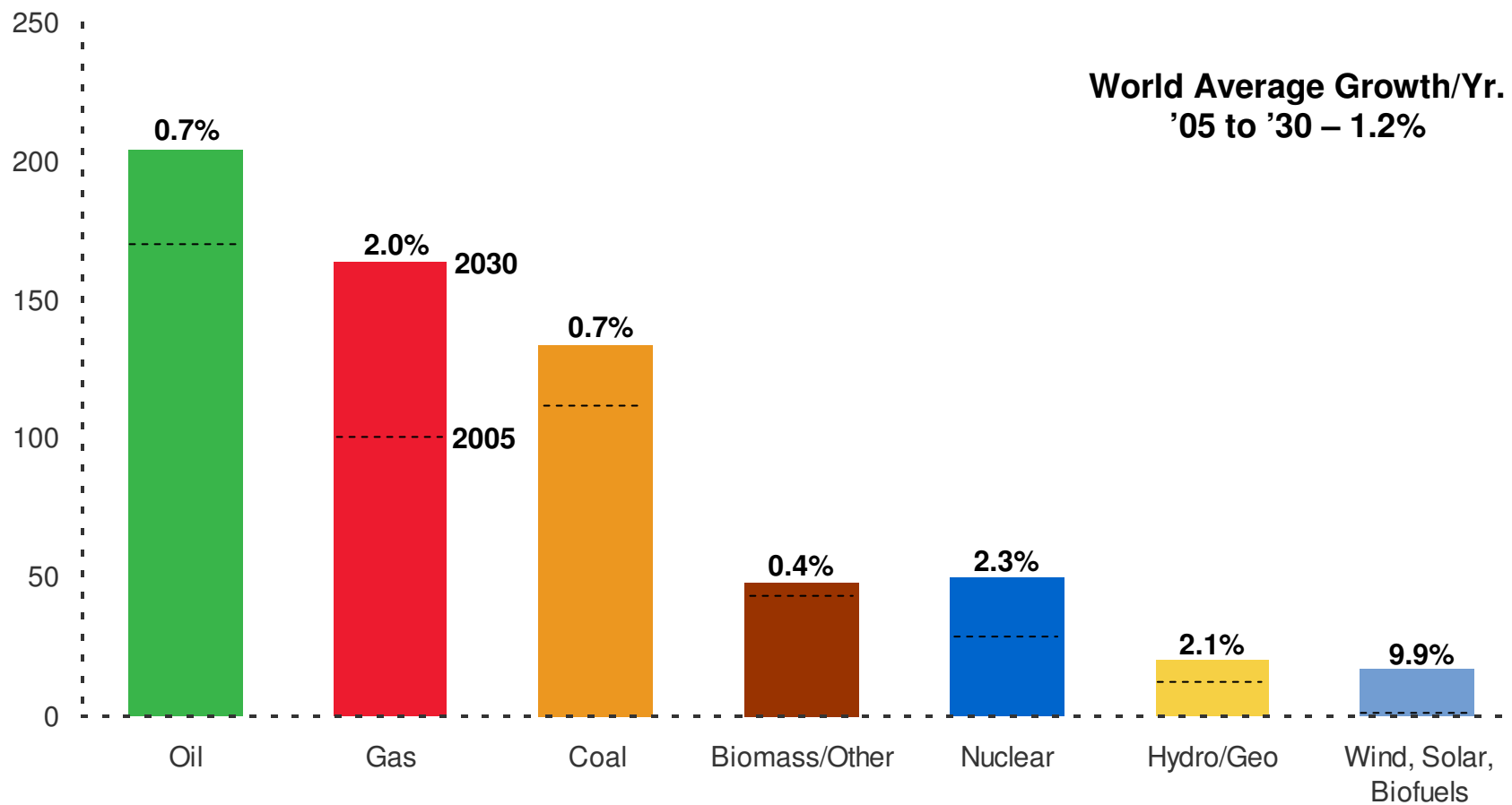


ExxonMobil 2010 Energy Outlook

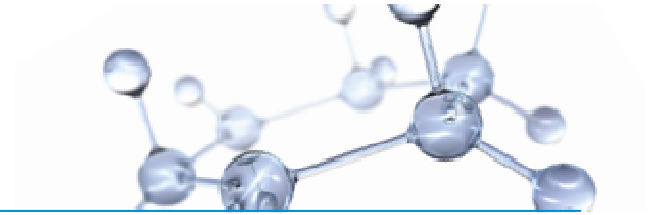
Global Energy Supply & Demand



Quadrillion BTUs

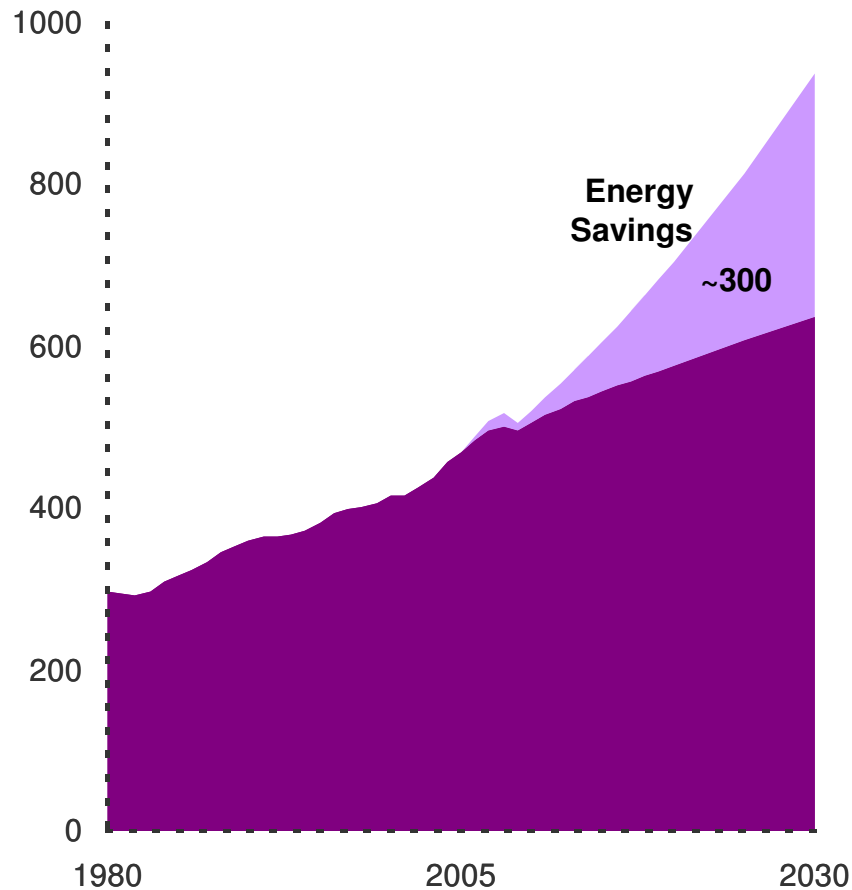


Efficiency Key to Meeting Demand



Demand

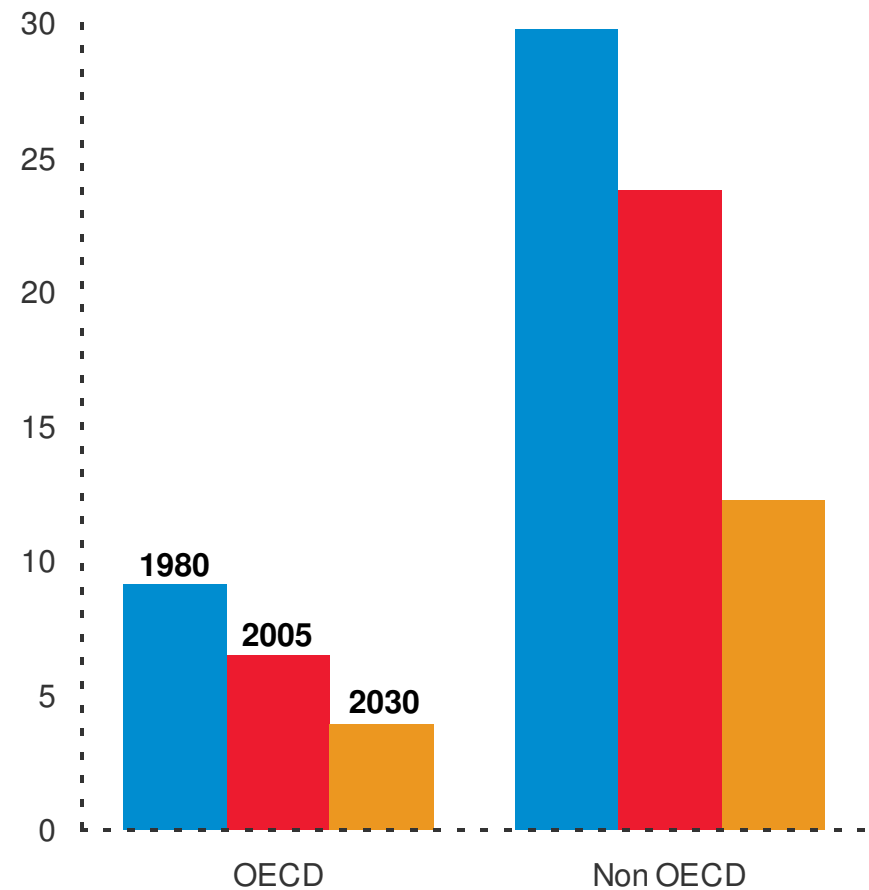
Quadrillion BTUs



ExxonMobil 2010 Energy Outlook

Energy Intensity

MBTU/2005\$k GDP



New Technologies



Expanding Supplies -- algae biofuels

Investing up to \$600 million to develop oils from photosynthetic, CO₂-consuming algae

Reducing Emissions -- Green House Gases

Stronger, thinner industrial and consumer products use less energy and fewer raw materials



Improving Today's Vehicle – from hood to trunk

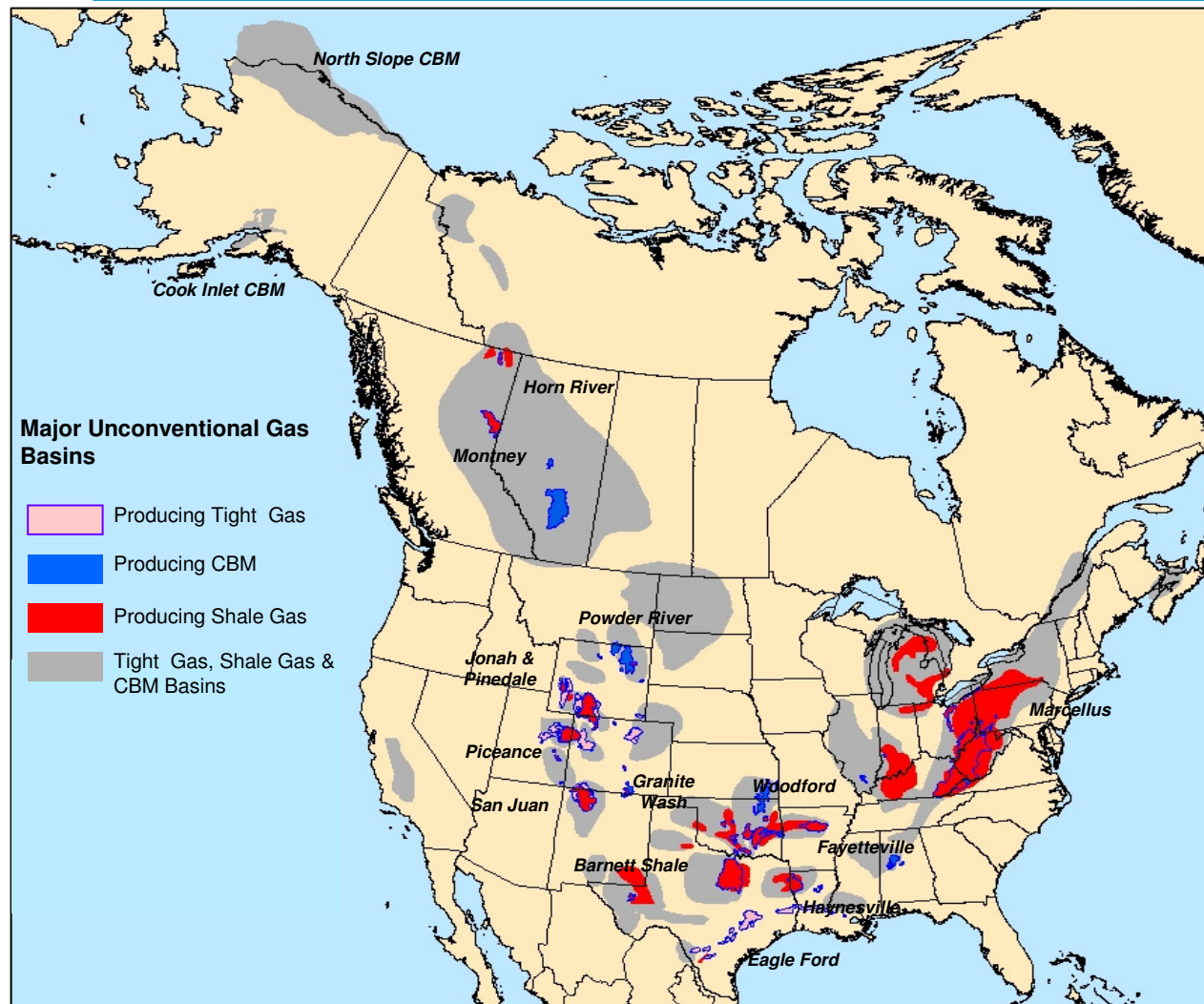
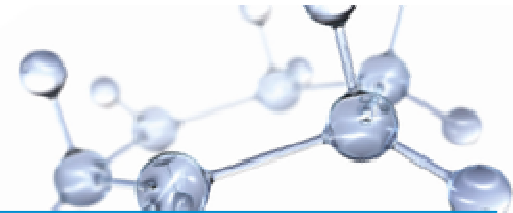
New technologies in plastic and rubber are making cars up to 35 percent more fuel efficient

Expanding Supplies – natural gas

Global leader in production of natural gas; electricity from natural gas emits up to 60 percent less CO₂ than coal

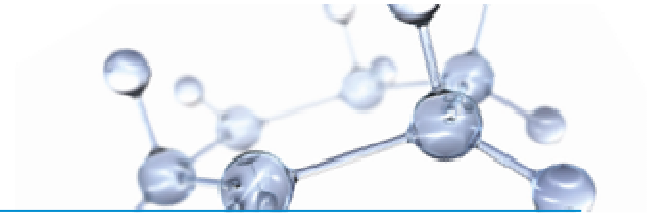


Remaining U.S. Gas Resource



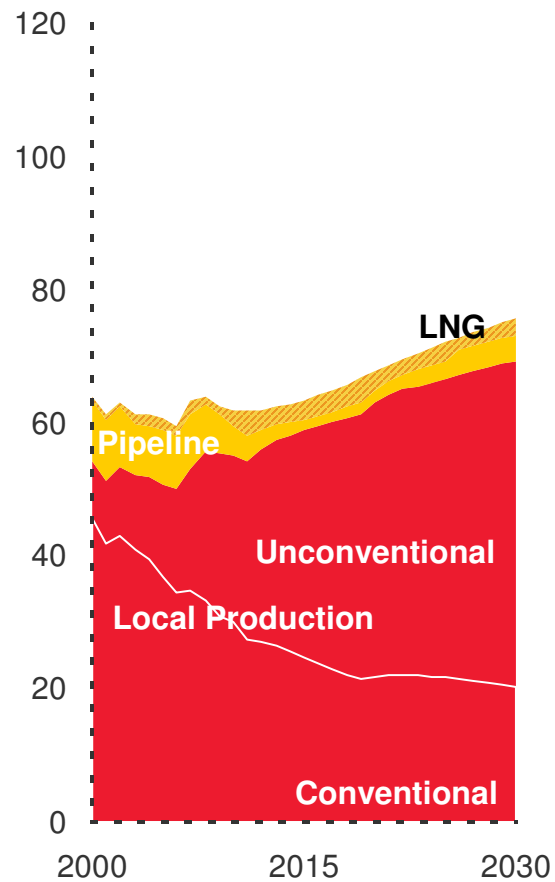
- Resources for ~100 years coverage at current demand
- Unconventional gas has extended coverage 60+ years
- Further unconventional gains expected

Gas Supply Grows and Diversifies



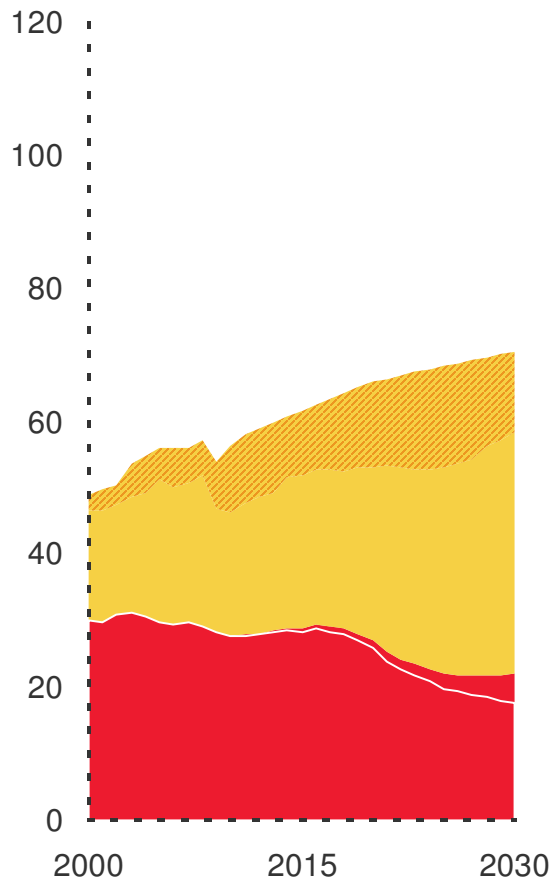
United States

BCFD



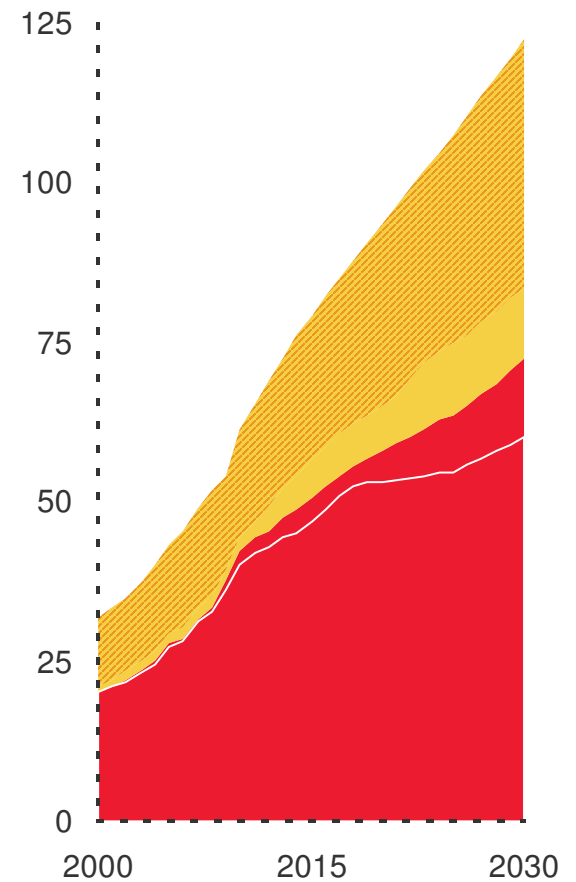
Europe

BCFD



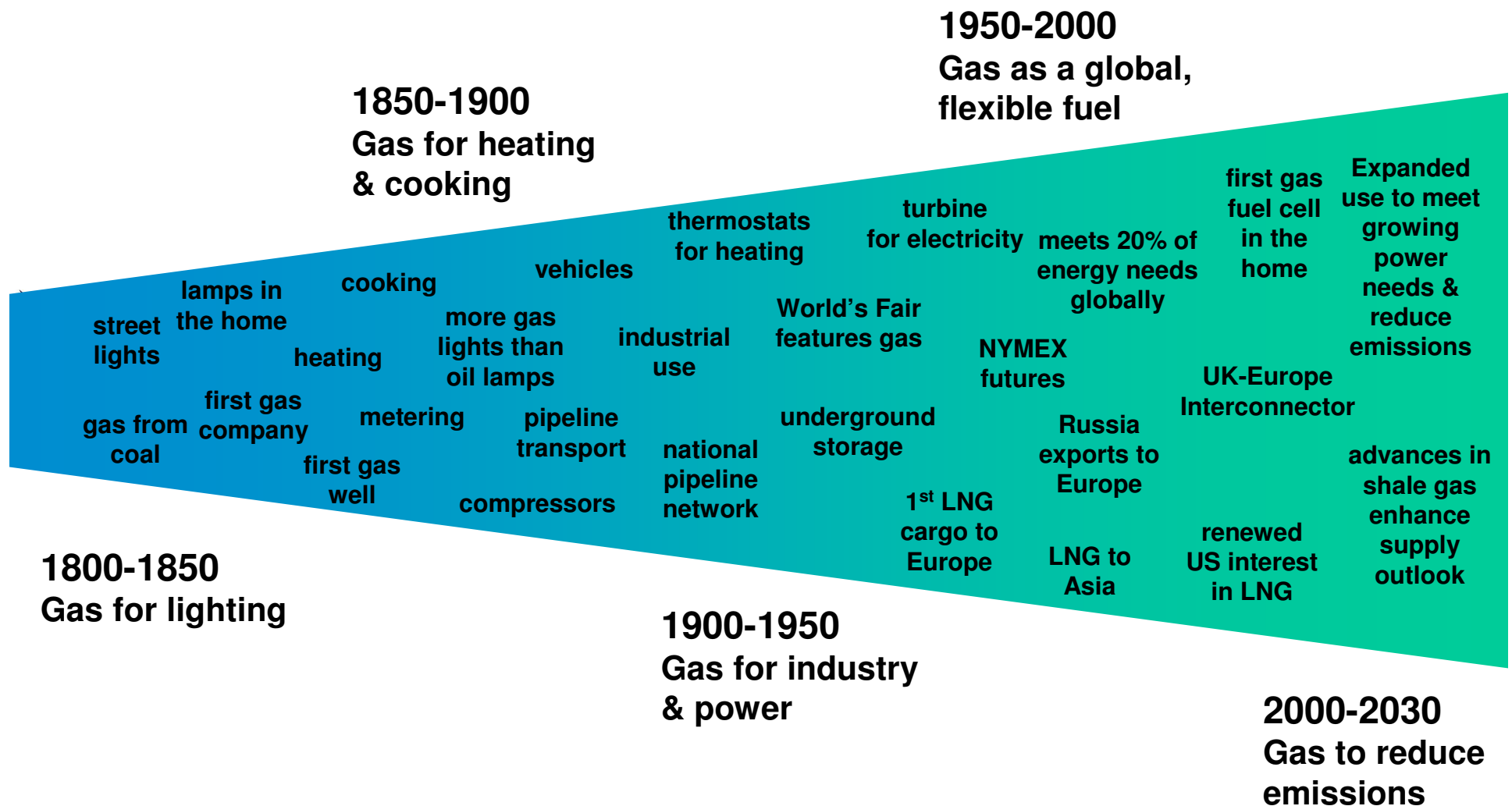
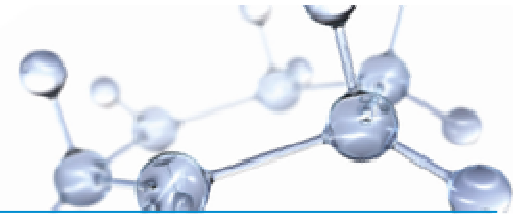
Asia Pacific

BCFD

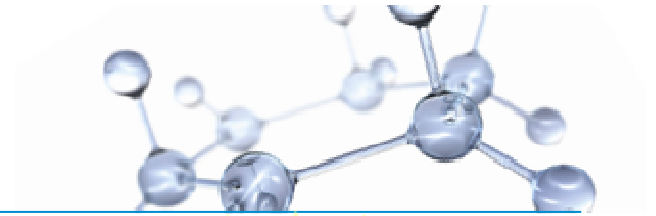


ExxonMobil 2010 Energy Outlook

Natural Gas Adapts to Growing Needs



In thirty minutes today...



Residential electricity demand is equal to 1,100 Hoover Dams.

The world used enough jet fuel to make 240 transatlantic flights.

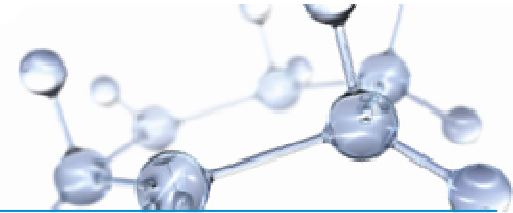
The world produced enough steel to build 10 Eiffel Towers.

1.3 million personal vehicles filled their gas tanks.

The world used enough electricity to power London for 8 days.

World gas consumption could fill 70,000 hot-air balloons.

Addressing the Energy Challenge



Energy Challenge

Providing energy the world needs while minimizing the impact on the environment



Energy Strategy

**Develop more
supply sources**



- Oil and Gas
- Wind
- Nuclear

**Use more efficient
technologies**



- Transportation
- Industry
- Residential

**Make the most of our
investments**



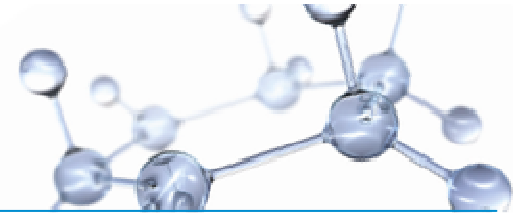
- Expand Natural Gas
- Accelerate Nuclear

Support research



- Energy Efficiency
- Other (i.e., Solar)

Development Challenges and Solutions



World development continues, while lives improve and economies grow

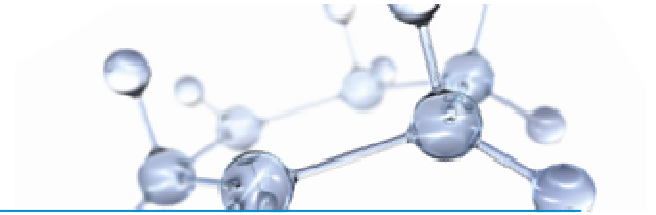
Increase
Efficiency



Mitigate
Emissions

Expand
Supplies

Thank you



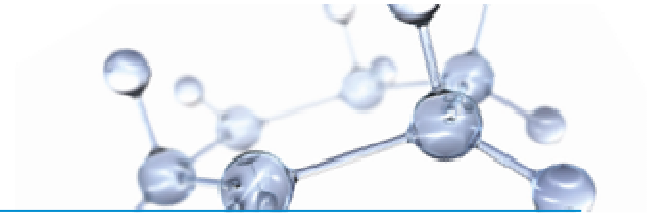
Questions?

Steven L. Blume
Baton Rouge Refinery Manager
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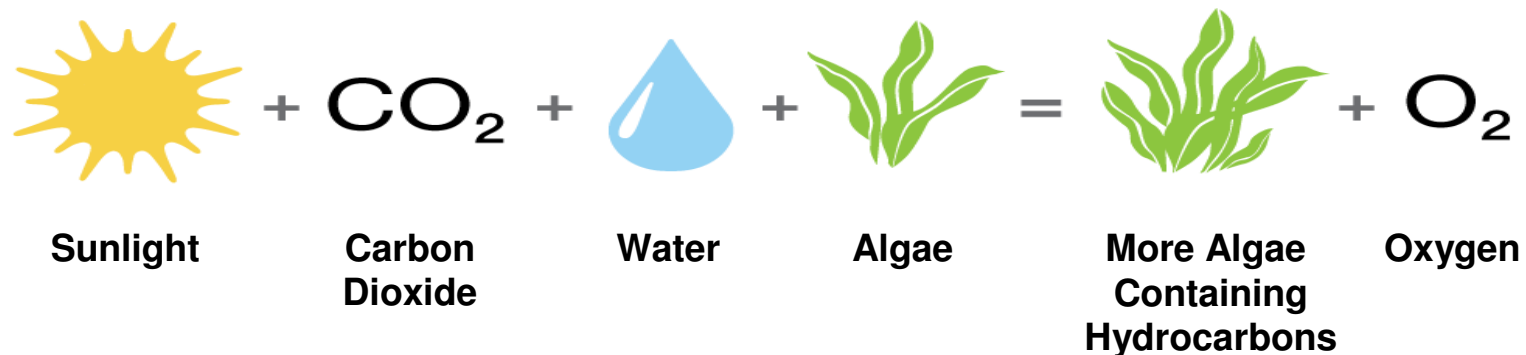


BACKUP SLIDES

Next Generation Algae-Based Biofuels

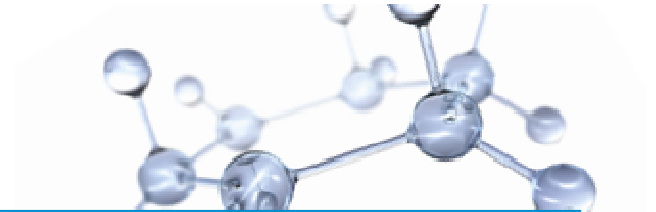


- **ExxonMobil alliance with Synthetic Genomics Inc**
 - focus on development of advanced biofuels from photosynthetic algae
 - complements ExxonMobil's ongoing efforts to advance breakthrough technologies to meet the world's energy challenges



- **benefits of using algae for biofuels production:**
 - can be grown using land and water unsuitable for food production
 - potentially yield greater volumes of biofuels per acre than other biofuel sources
 - could be used to manufacture biofuels similar to today's transportation fuels
 - growing algae consume CO₂; algae-based biofuels could provide GHG mitigation benefits versus conventional fuels

Reducing emissions



- **Natural gas**

- ExxonMobil is a global leader in production of natural gas, electricity from natural gas emits up to 60 percent less CO₂ than coal

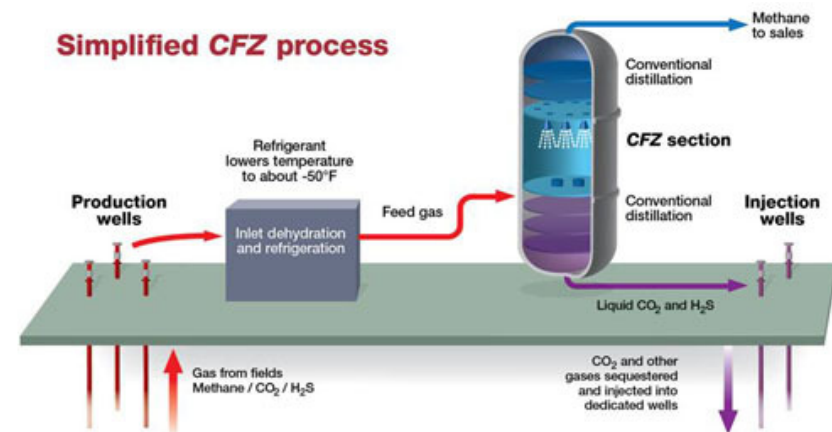
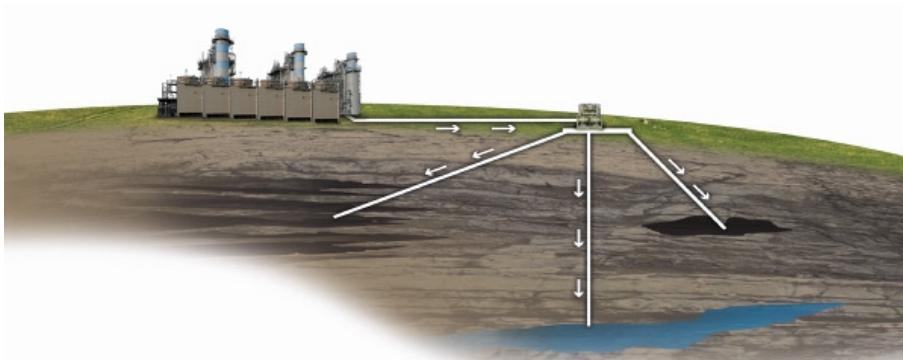


- **Controlled Freeze Zone™**

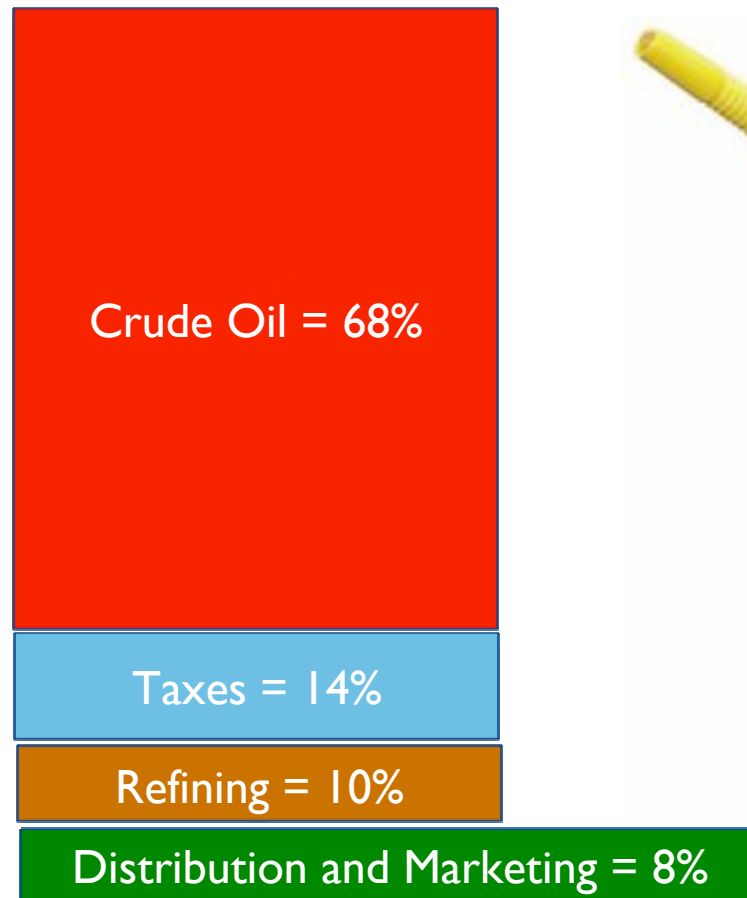
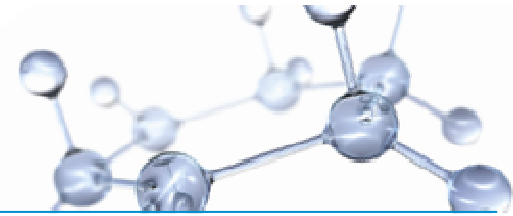
- This technology, which reduces the cost and complexity of separating CO₂ from produced natural gas, could help carbon capture and storage systems reduce GHG

- **Carbon capture and storage**

- As a leader in CCS, ExxonMobil has captured up to 4 million metric tons of CO₂ per year in Wyoming, and partnered to store 10 million metric tons in the North Sea.



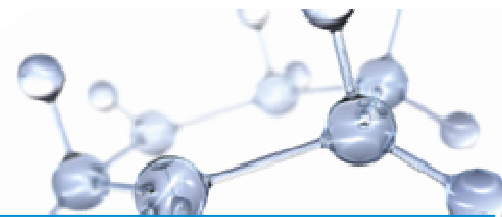
What we pay for a gallon of regular gasoline



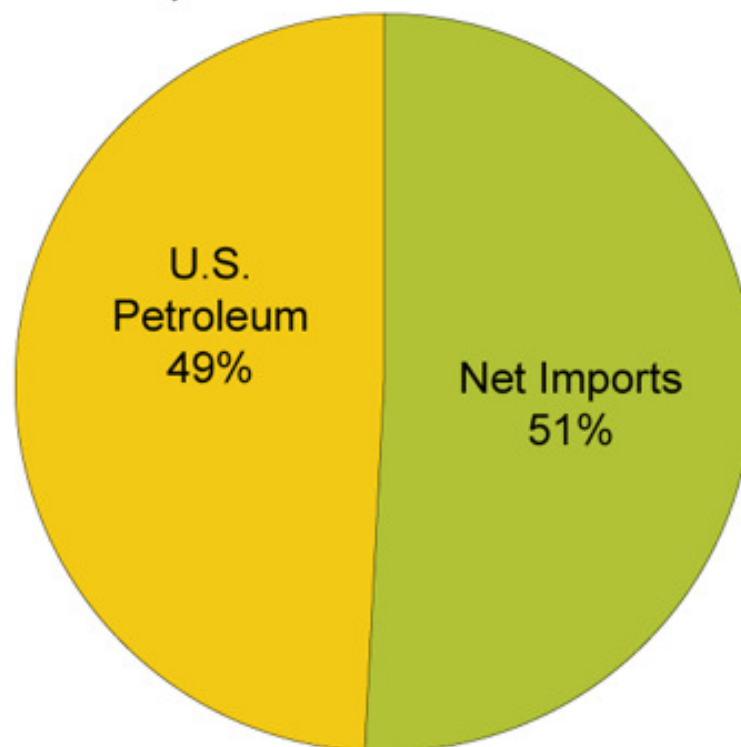
Source: US Energy Information Administration

ExxonMobil 2010 Energy Outlook

We produce only half of what we use

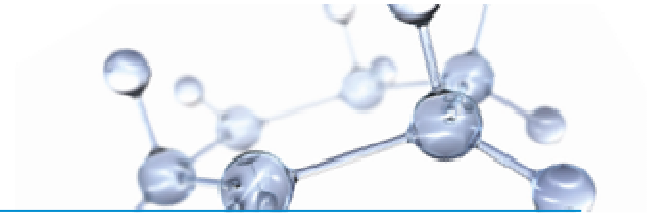


**Net Imports and Domestic
Petroleum as Shares of U.S.
Demand, 2009**



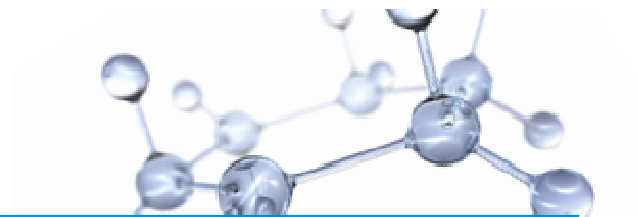
Source: U.S. Energy Information Administration, *Petroleum Supply Annual 2009* (July 2010).

Regulatory Issues



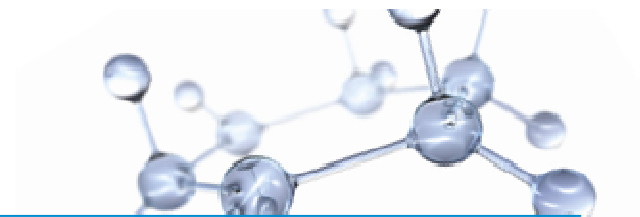
- **Energy Policy**
 - Domestic energy production (moratorium)
 - Energy Security
- **Environmental Policy**
 - National Ambient Air Quality Standards (NAAQS)
 - National Emission Standards for Hazardous Air Pollutants (Boiler Standards)
 - Energy Efficiency/Conservation
- **Regulatory Overreach**
 - Revised Ozone standards
 - Greenhouse Gas (GHG) emission standards
- **Taxation**
 - Energy taxation
 - Business taxes

An example - The moratorium



- What can't get passed in Congress, the administration will enforce through its regulatory arm
 - Federal drilling moratorium – misguided and reckless
 - Moratorium finally lifted on Oct 12th (2010)
- Impact of the shutdown
 - 33 deepwater drilling rigs costing \$1 billion each; 4 have left
 - Each employs 800-1,400 people
 - For every job on the rig, the offshore industry supports 6 additional jobs
 - ONLY 3 deep water wells permitted to date
- Moratorium no longer “the” issue; rules and permitting are the issues.

Current Events



- **Disruptions in Mideast**
 - Mideast and North Africa produce 1/3 of global liquid fuels
 - Libya – largest proven oil reserves in Africa
 - Little to US, but MAJOR supplier to Europe
 - Reduced supplies globally
 - Higher energy costs
- **Japan**
 - Japan is the world's largest importer of LNG and coal and the second largest net importer of oil.
 - Temporary disruptions in demand
 - Severe blow to nuclear power industry = increased reliance on fossil fuels
 - Currently 27%; goal of 50% by 2030
 - Increased demand for natural gas/LNG